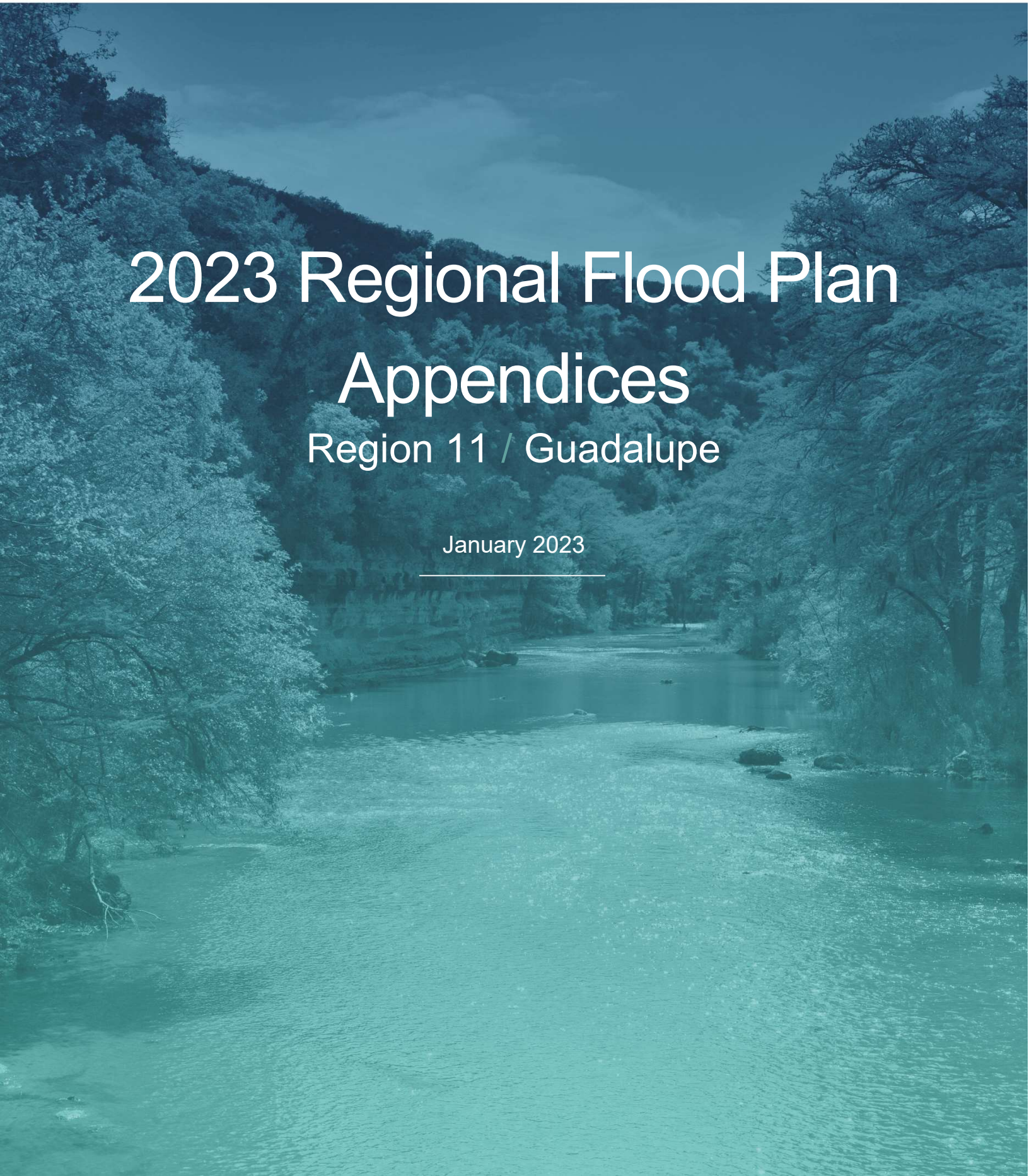
REGION 11 GUADALUPE
REGIONAL FLOOD PLANNING GROUP

Volume 3



2023 Regional Flood Plan Appendices

Region 11 / Guadalupe

January 2023

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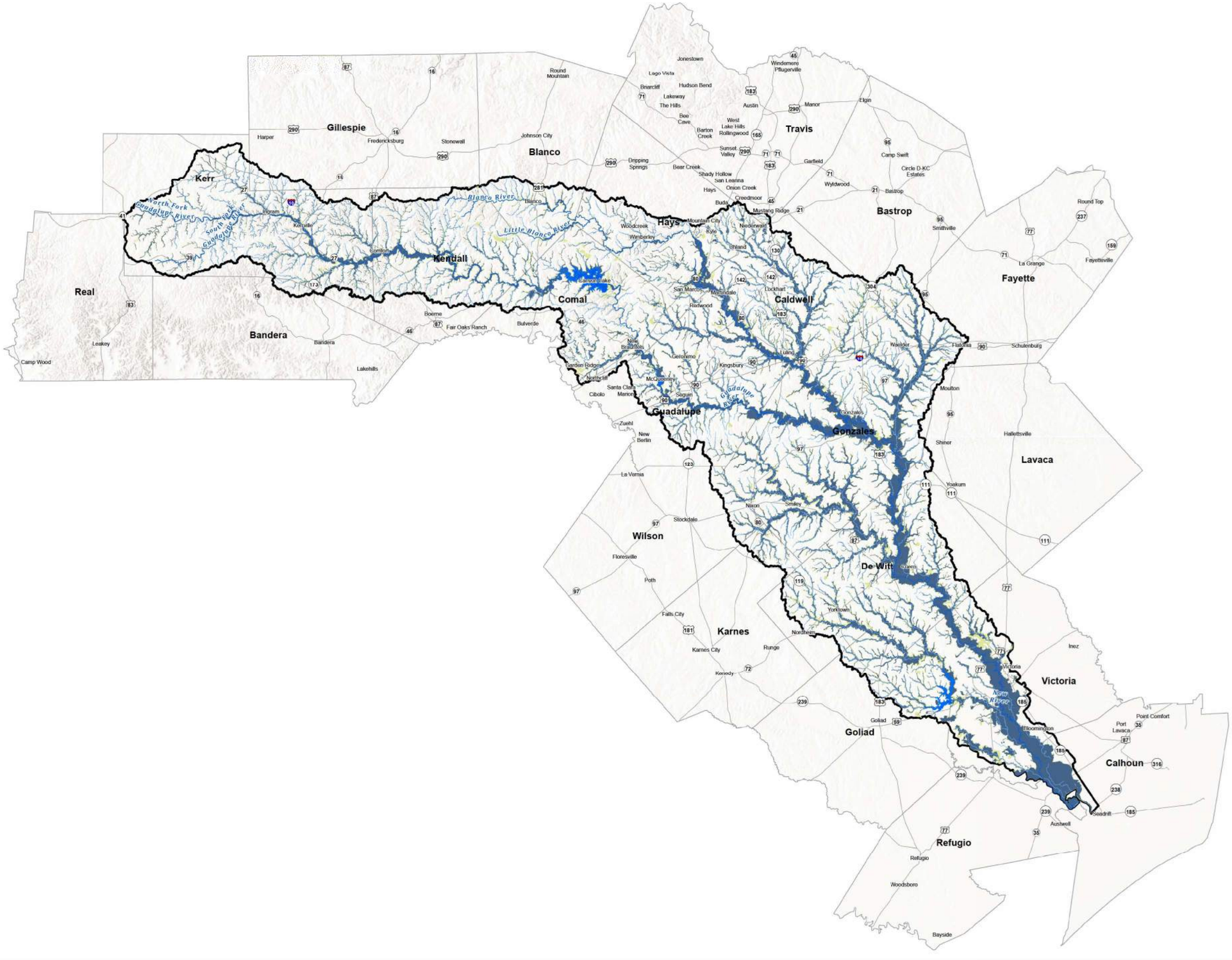

Legend

- Major Reservoirs
- River
- Tributary

0.2 Flood Hazard

- Coastal
- Riverine

1.0 Flood Hazard

- Coastal
- Riverine
- Flood Planning Region

0 4.5 9 Miles

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Map 8 Region - Future Flood Hazard Areas

Region 11: Guadalupe

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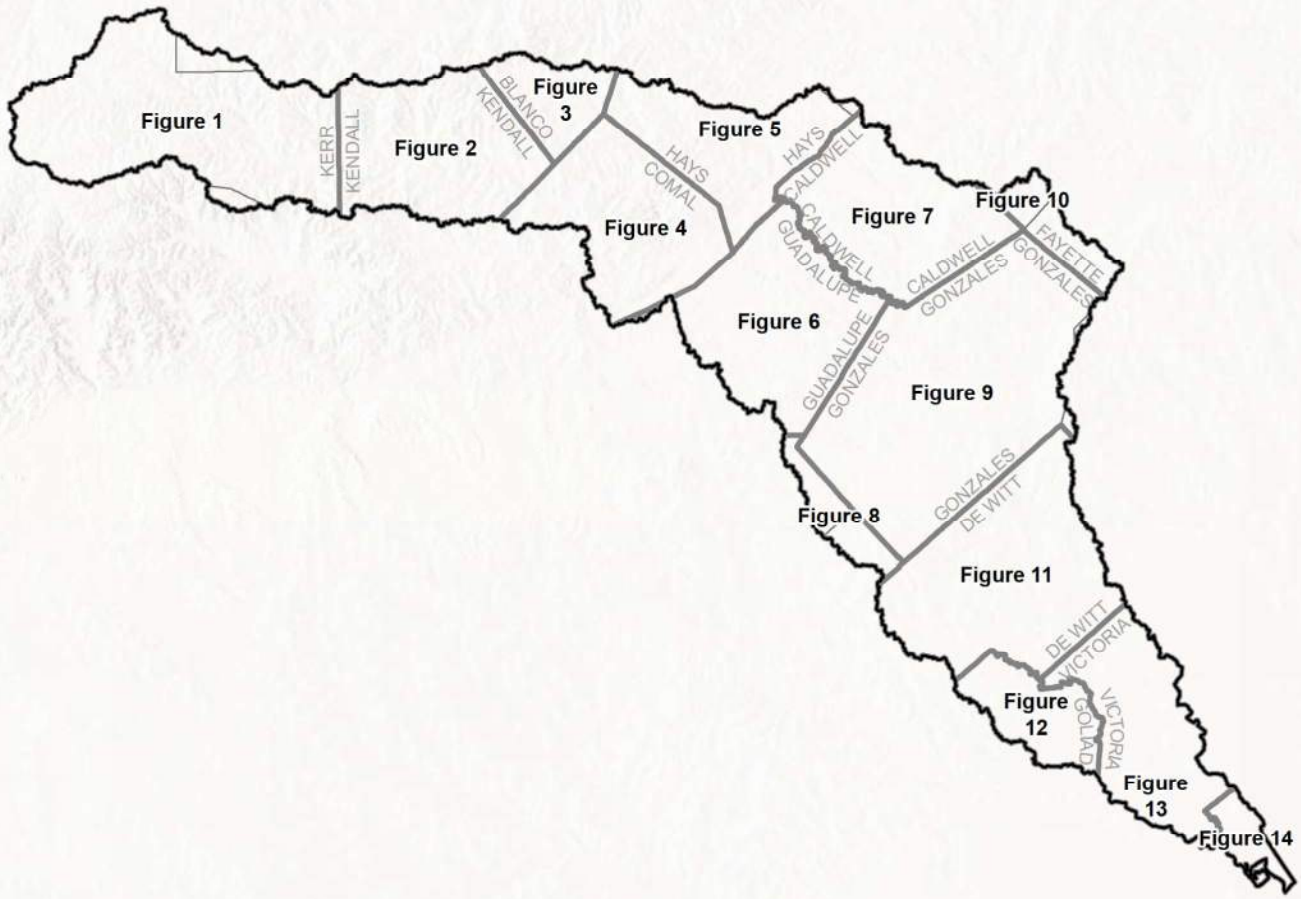
Map **8**



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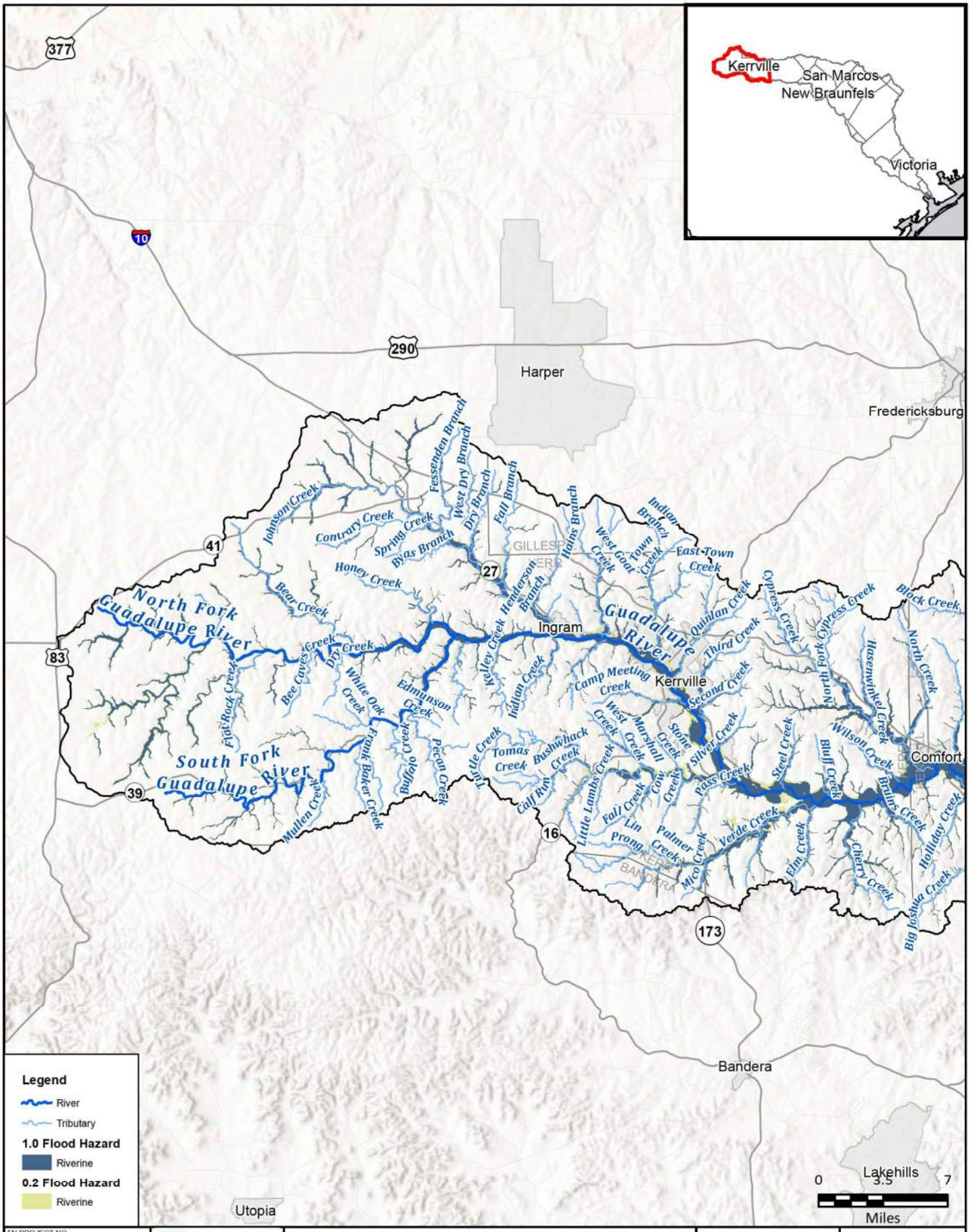

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Map 8 - Future Flood Hazard Areas

Kerr County

N W E S

FIGURE

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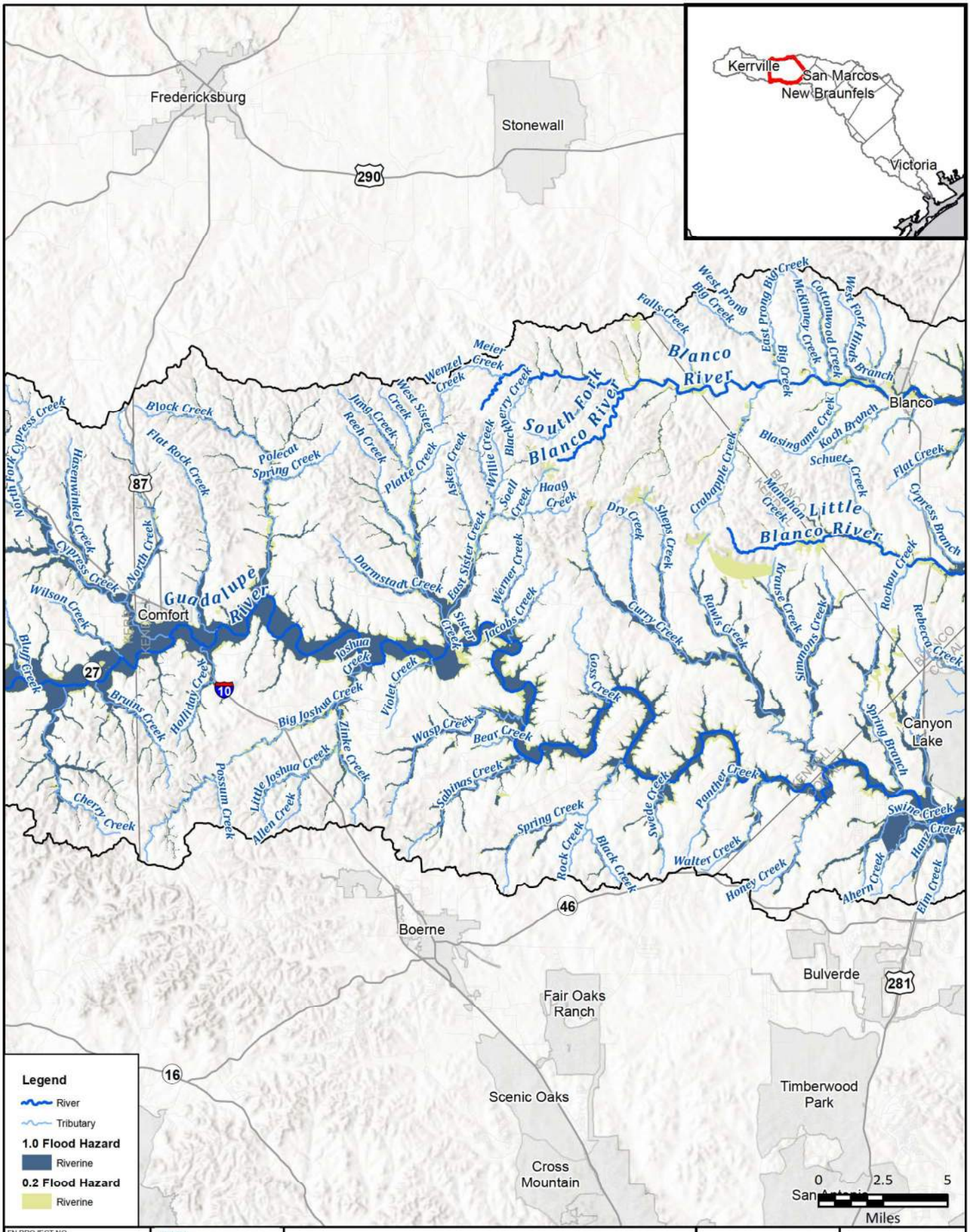

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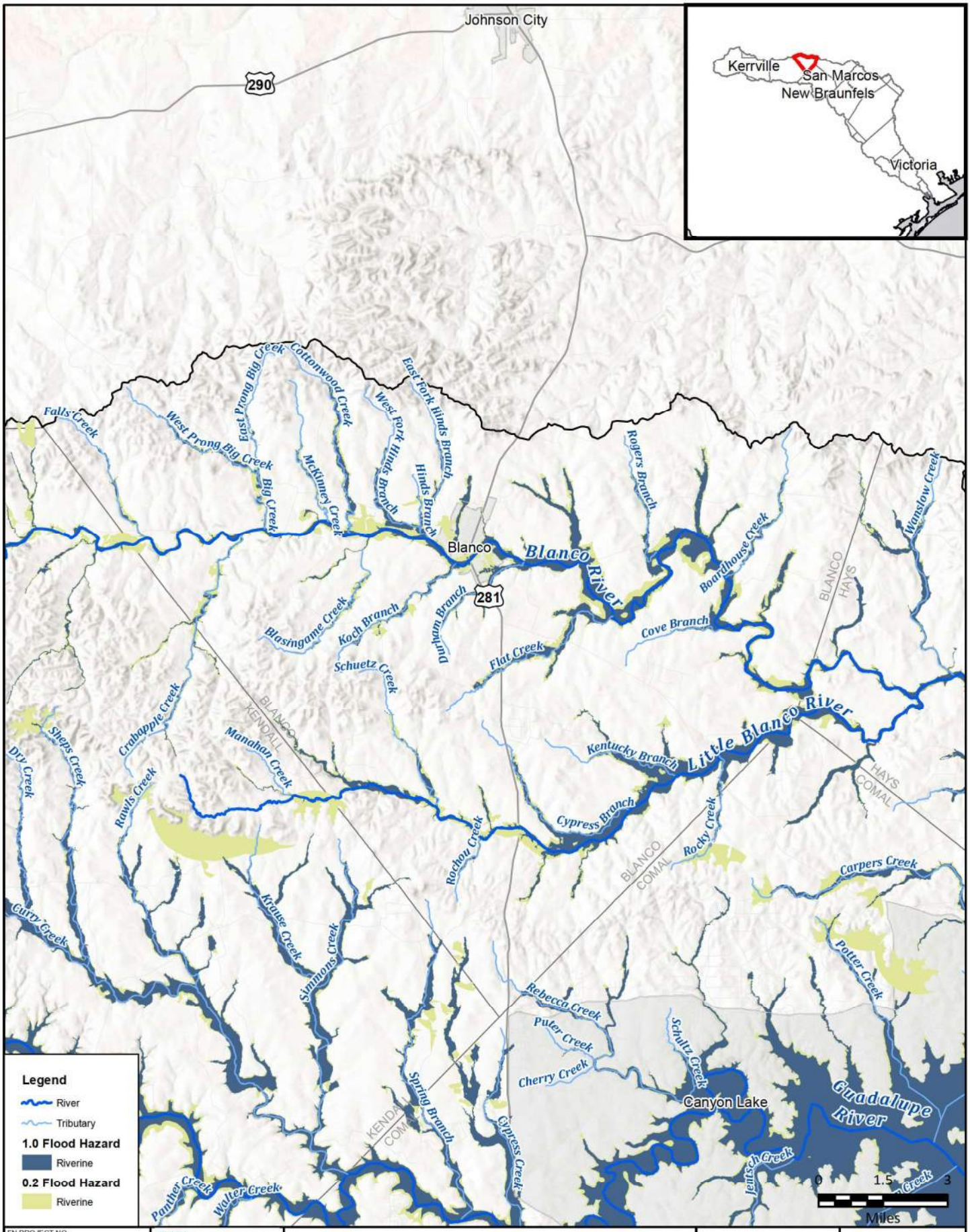
Map 8 - Future Flood Hazard Areas

Kendall County

N W E S

FIGURE 2 of 14



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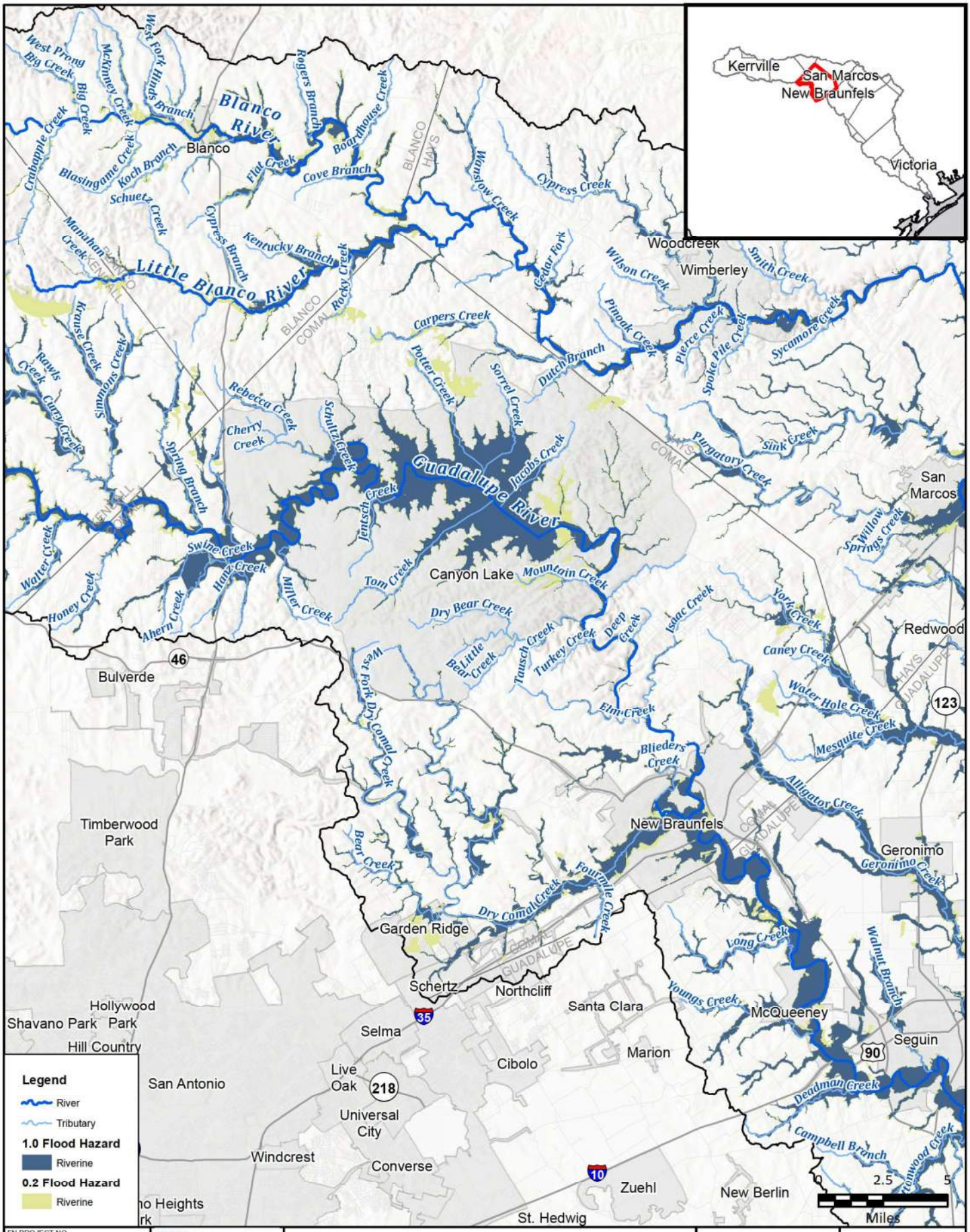
Map 8 - Future Flood Hazard Areas

Blanco County

N W E S

FIGURE 3 of 14



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Map 8 - Future Flood Hazard Areas

Comal County

N W E S

FIGURE

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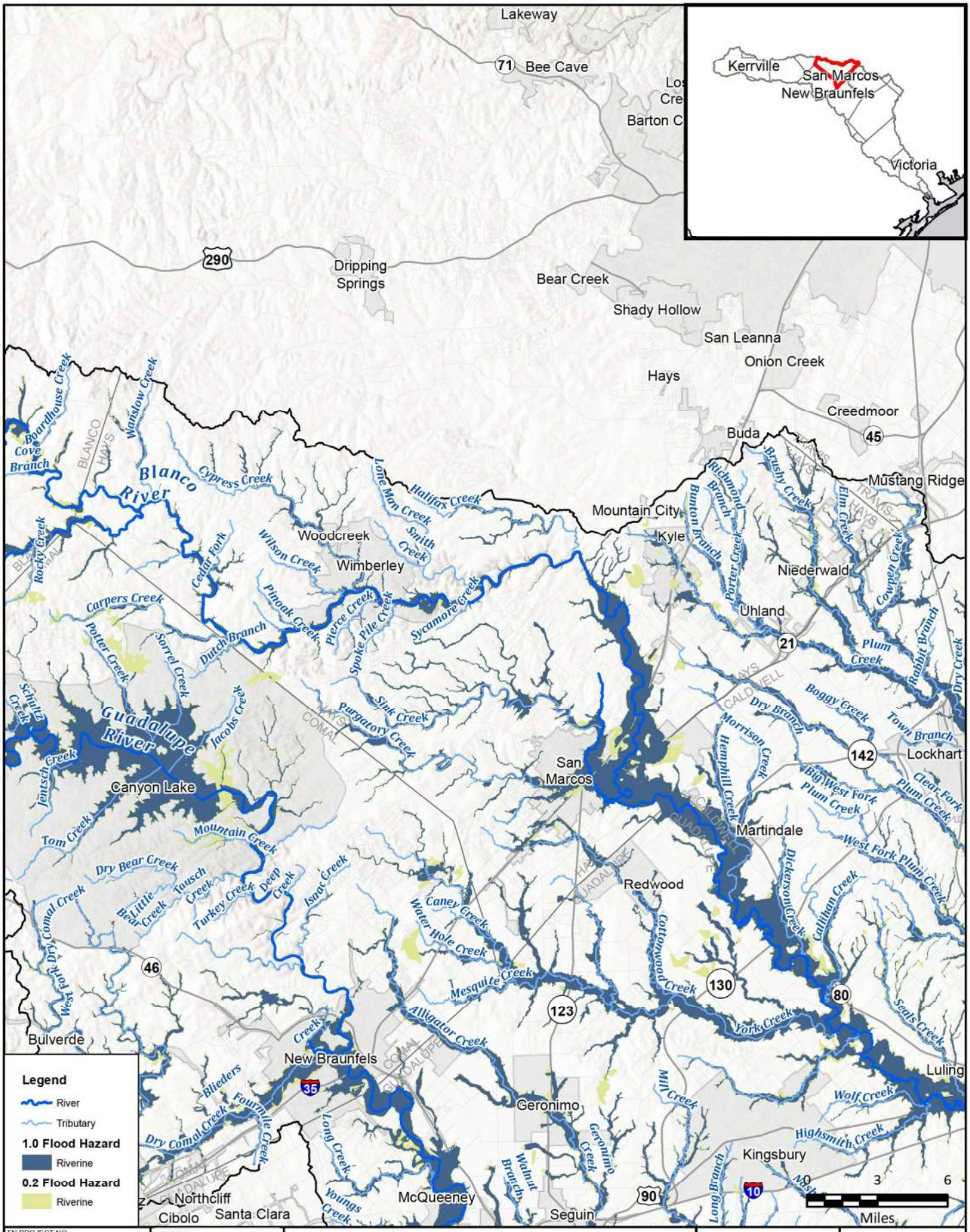

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Map 8 - Future Flood Hazard Areas

Hays County

N W E S

FIGURE

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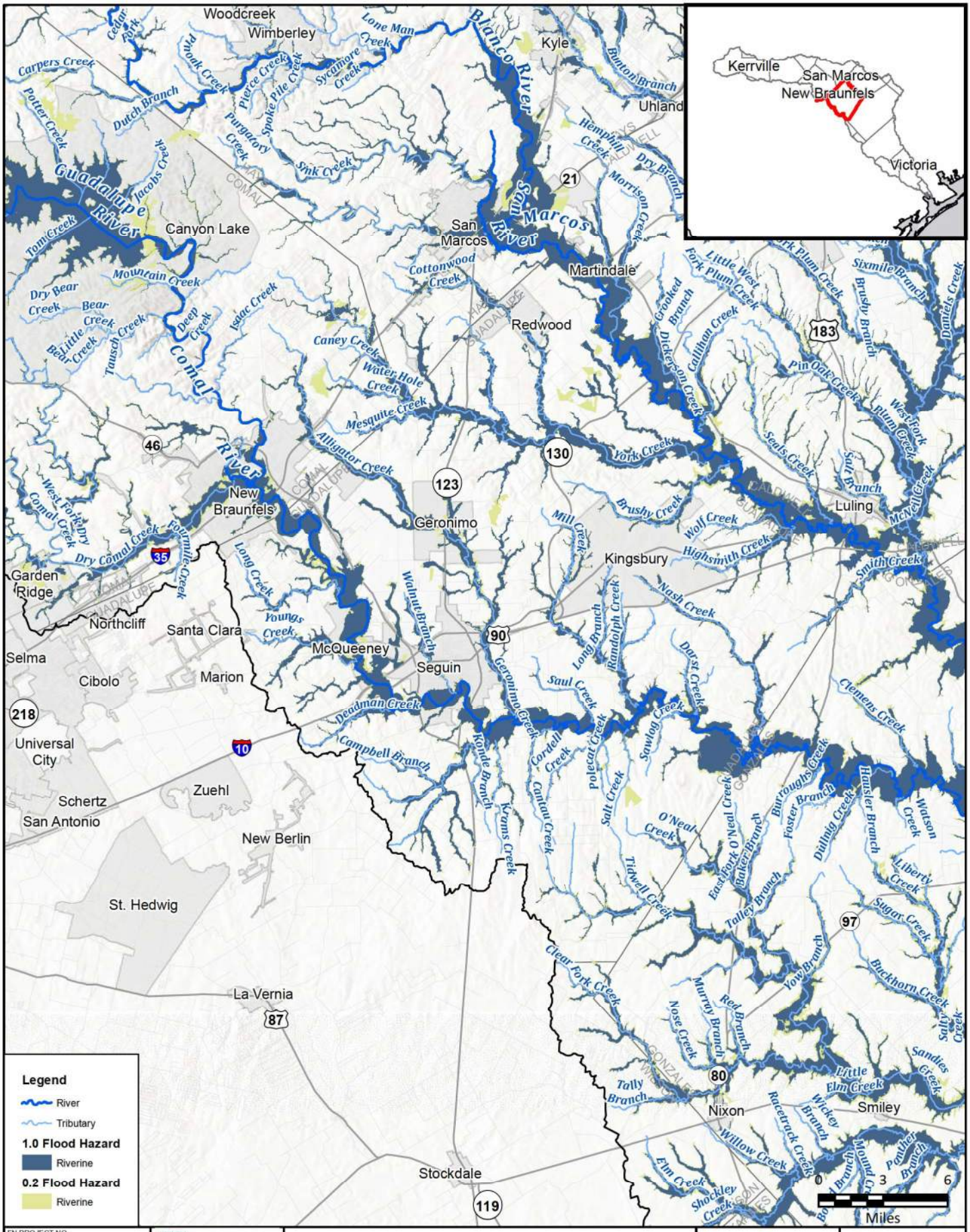

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Map 8 - Future Flood Hazard Areas

Guadalupe County

N W E S

FIGURE

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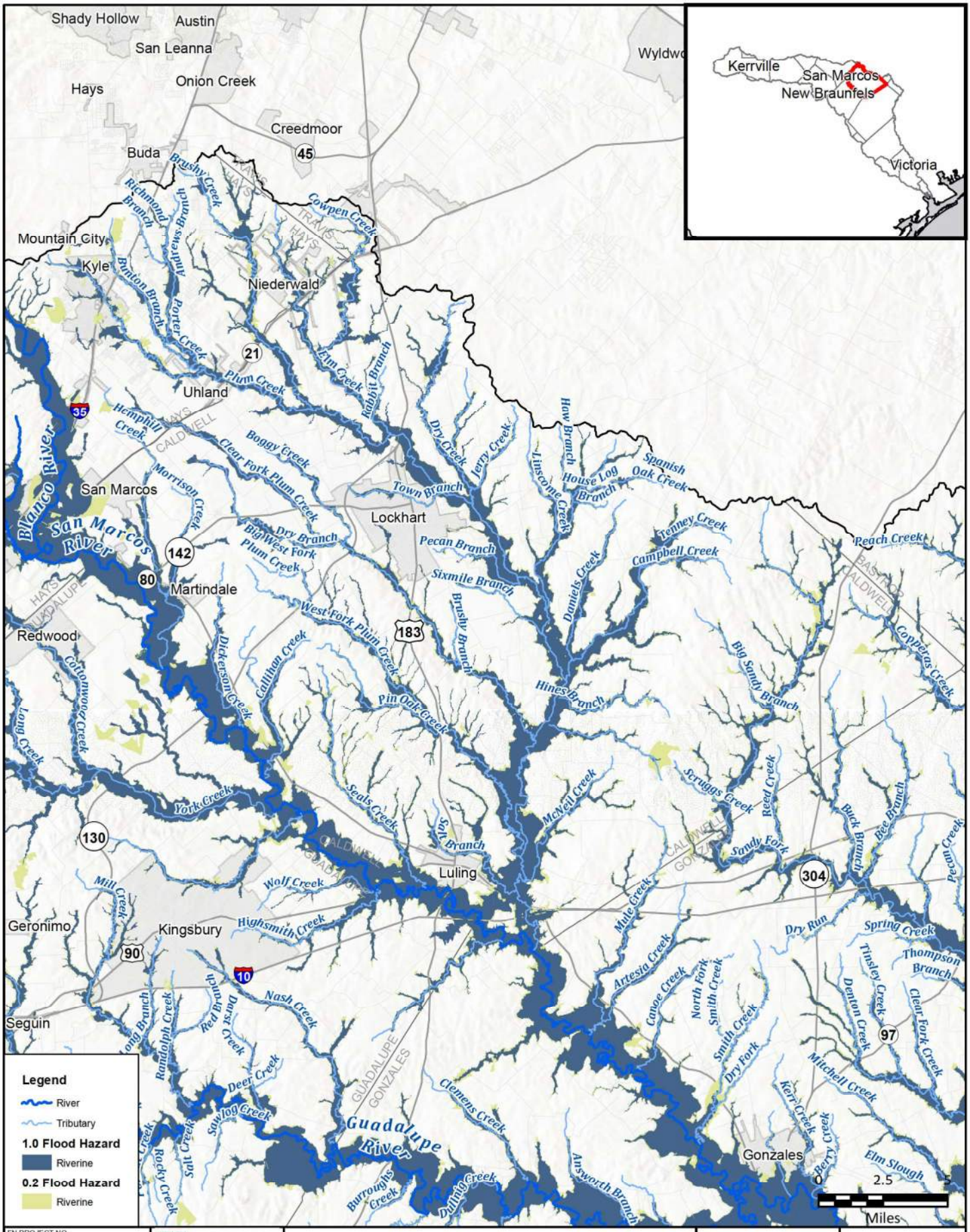

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Map 8 - Future Flood Hazard Areas

Caldwell County

N W E S

FIGURE

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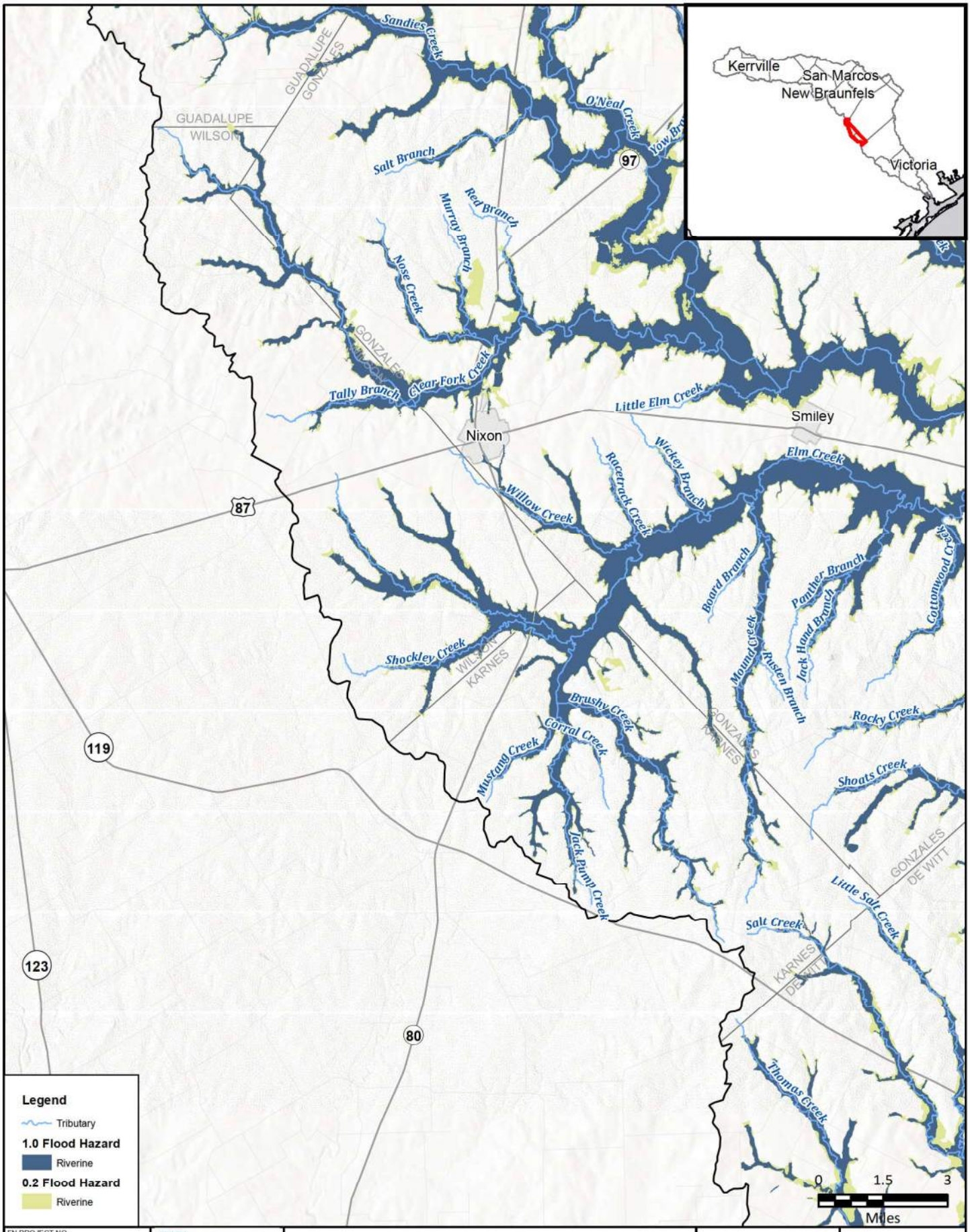

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Map 8 - Future Flood Hazard Areas

Wilson & Karnes Counties

N W E S

FIGURE

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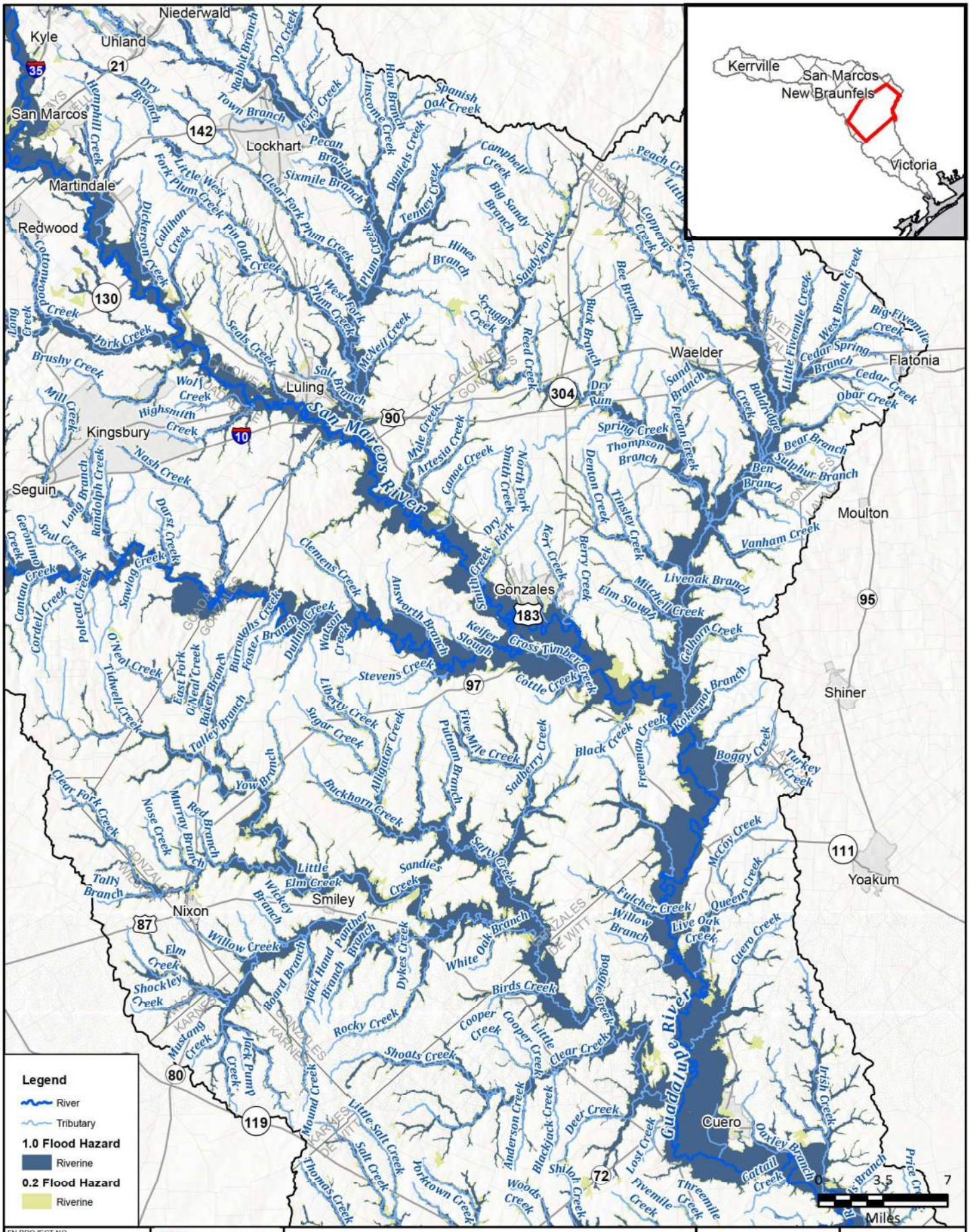

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Map 8 - Future Flood Hazard Areas

Gonzales County

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FIGURE

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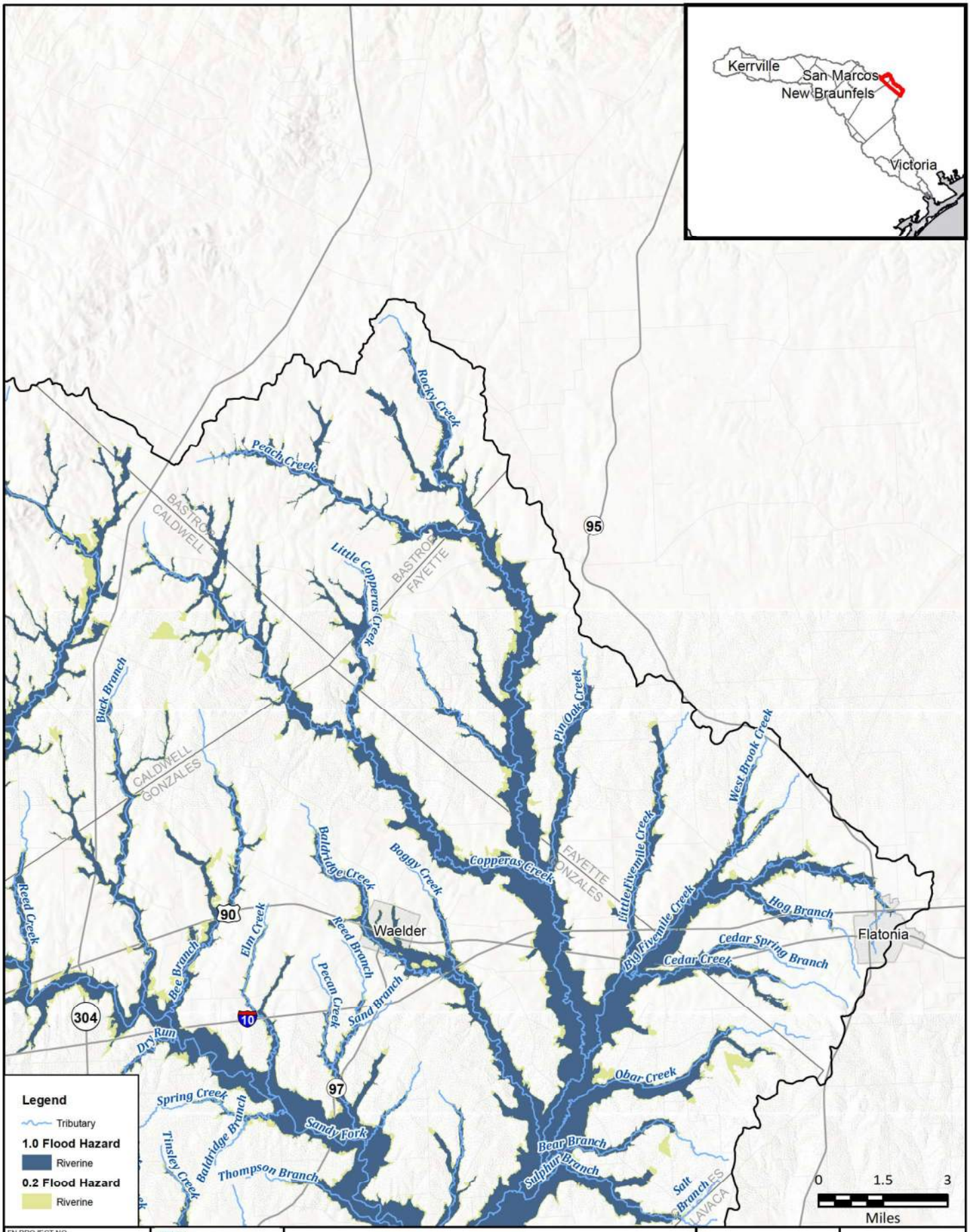

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Map 8 - Future Flood Hazard Areas

Bastrop & Fayette Counties

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FIGURE
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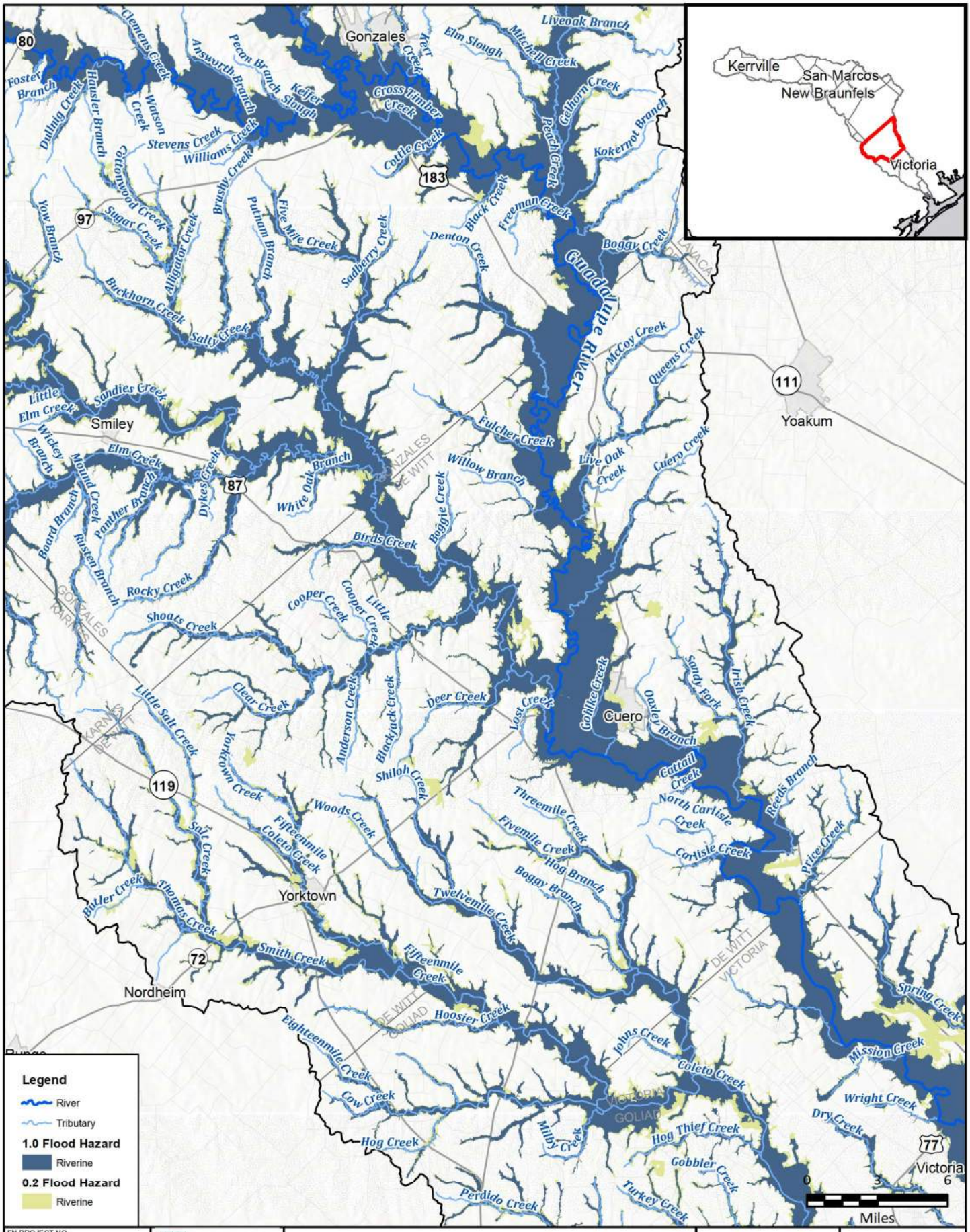

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Map 8 - Future Flood Hazard Areas

De Witt County

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FIGURE
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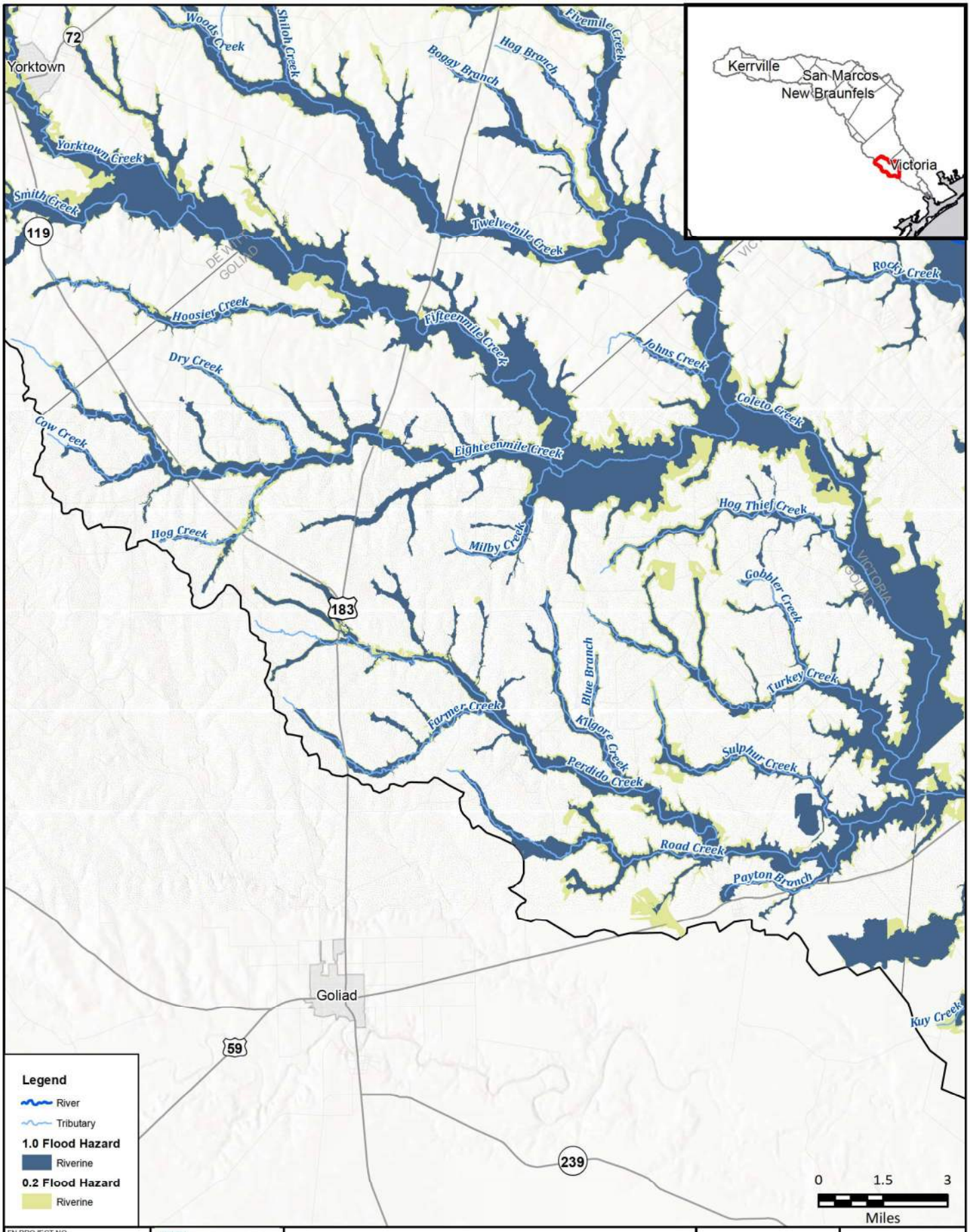

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Map 8 - Future Flood Hazard Areas

Goliad County

N W E S

FIGURE

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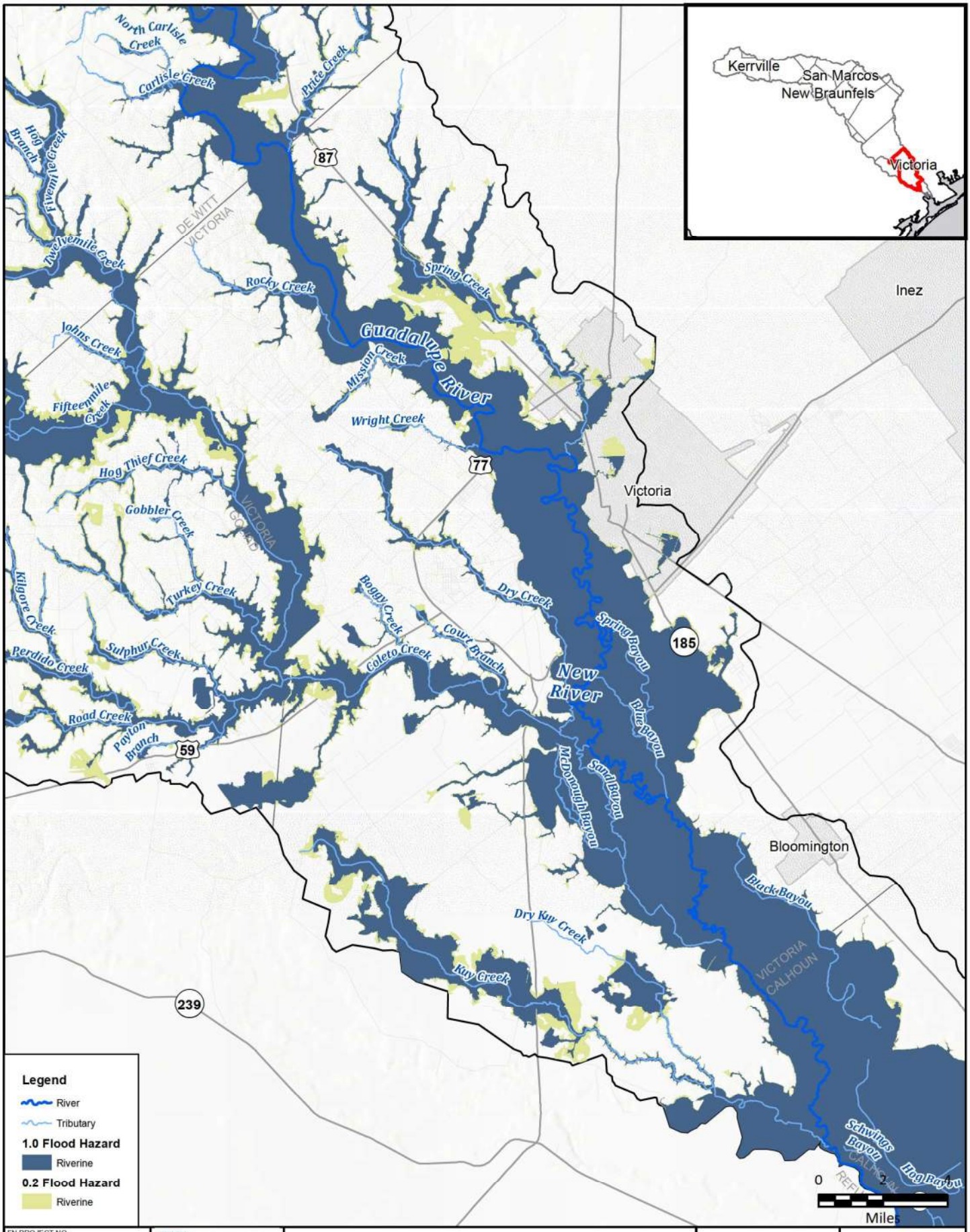

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Map 8 - Future Flood Hazard Areas

Victoria County

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FIGURE
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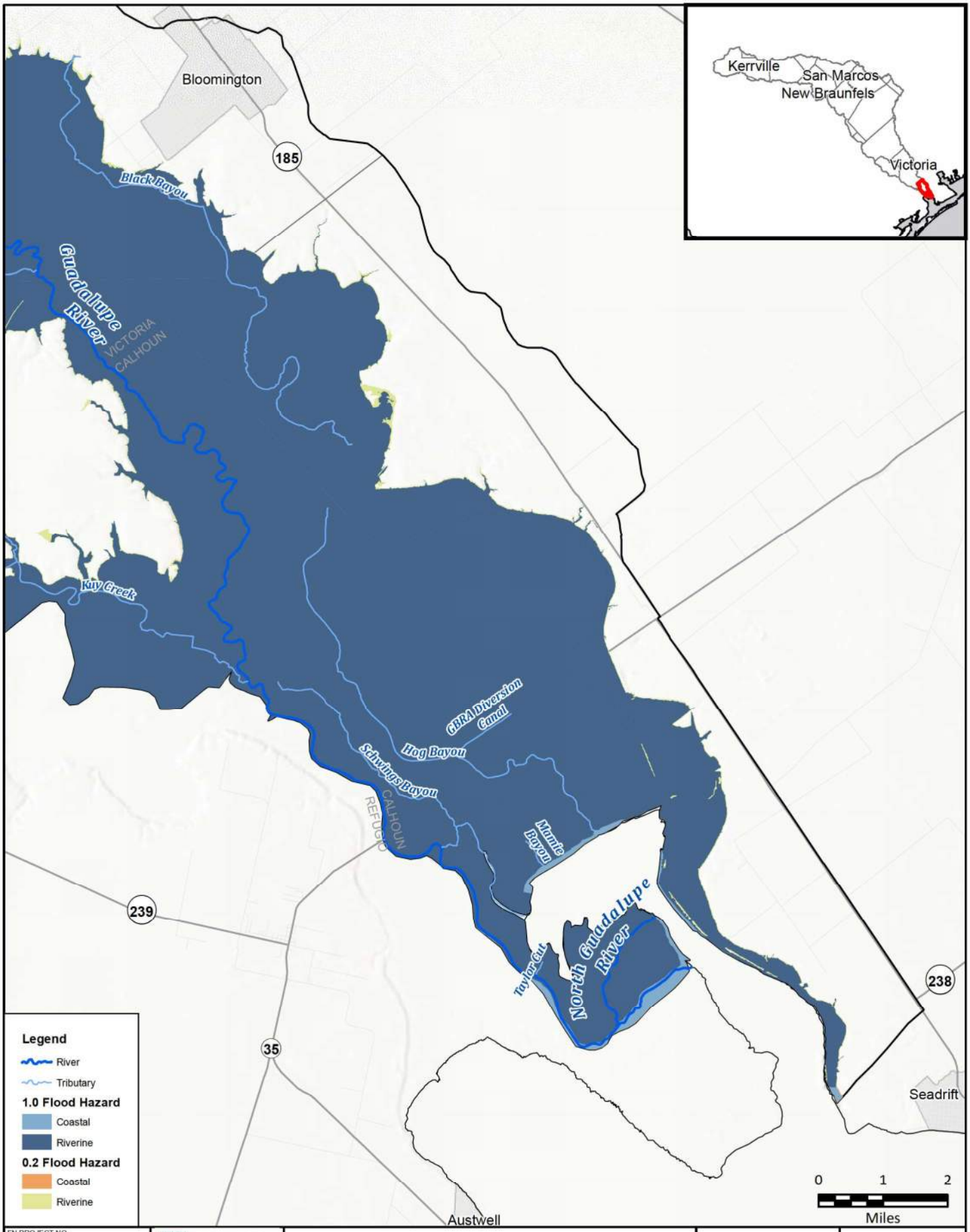

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Region 11: Guadalupe

Map 8 - Future Flood Hazard Areas

Calhoun County

N W E S

FIGURE

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Table 5: Future Condition Flood Risk Summary Table (by County)

Guadalupe
Region 11

Table 5
Future Condition Flood Risk Summary Table

RFPG No.	RFPG Name	County	Area in Flood Planning Region (sqmi)	1% Annual Chance Flood Risk								0.2% Annual Chance Flood Risk								Possible Flood Prone Areas								Average SVI of features in floodplain or flood prone areas
				Area in Floodplain (sqmi)	Number of Structures in Floodplain	Residential Structures in Floodplain	Population	Roadway Stream Crossings (#)	Roadways Segments (miles)	Agricultural Areas (sqmi)	Critical Facilities (#)	Area in Floodplain (sqmi)	Number of Structures in Floodplain	Residential Structures in Floodplain	Population	Roadway Stream Crossings (#)	Roadways Segments (miles)	Agricultural Areas (sqmi)	Critical Facilities (#)	Area (sqmi)	Number of Structures in Flood Prone Area	Residential Structures in in Flood Prone Area	Population	Roadway Stream Crossings (#)	Roadways Segments (miles)	Agricultural Areas (sqmi)	Critical Facilities (#)	
11	Guadalupe	Bandera	15.5	0.6	6	0	2	1	0.3	0.5	0	0.1	1	0	0	0	0.0	0.1	0	0.0	0	0	0	0	0.0	0.0	0	0.46
11	Guadalupe	Bastrop	38.6	3.9	21	14	28	11	2.2	2.5	0	0.7	22	20	42	3	0.8	0.6	0	0.0	0	0	0	0	0.0	0.0	0	0.32
11	Guadalupe	Blanco	162.4	13.2	362	272	597	76	23.6	9.5	0	7.6	451	337	720	8	13.5	5.7	7	0.0	0	0	0	0	0.0	0.0	0	0.52
11	Guadalupe	Caldwell	486.8	96.5	1905	1380	4269	288	105.4	63.3	18	17.2	1389	1132	2887	42	28.9	12.7	7	0.0	0	0	0	0	0.0	0.0	0	0.57
11	Guadalupe	Calhoun	71.2	47.9	121	100	280	6	5.4	4.0	0	0.4	4	3	9	0	0.0	0.3	0	0.0	0	0	0	0	0.0	0.0	0	0.79
11	Guadalupe	Comal	475.7	75.4	9833	7737	26250	256	189.4	17.0	29	18.8	4970	4377	14178	50	69.8	6.0	7	0.0	0	0	0	0	0.0	0.0	0	0.37
11	Guadalupe	De Witt	685.5	161.2	4388	2719	7563	362	161.9	119.5	42	30.0	1220	842	1979	44	48.9	26.0	8	0.0	0	0	0	0	0.0	0.0	0	0.63
11	Guadalupe	Fayette	70.8	11.6	60	29	73	52	11.9	7.2	0	2.2	41	26	69	4	2.9	1.9	0	0.0	0	0	0	0	0.0	0.0	0	0.48
11	Guadalupe	Gillespie	31.8	0.8	14	4	38	2	0.1	0.7	0	0.3	12	6	14	0	0.0	0.3	0	0.0	0	0	0	0	0.0	0.0	0	0.34
11	Guadalupe	Goliad	195.6	40.1	278	100	455	92	18.7	27.5	5	10.6	145	79	295	17	8.6	8.9	8	0.0	0	0	0	0	0.0	0.0	0	0.47
11	Guadalupe	Gonzales	1056.8	256.3	2398	1171	3389	482	158.8	182.2	5	42.3	1117	578	3240	61	47.5	37.4	7	0.0	0	0	0	0	0.0	0.0	0	0.73
11	Guadalupe	Guadalupe	540.6	96.9	8009	6526	18994	364	154.4	47.3	20	14.3	2037	1691	4314	34	32.2	8.5	5	0.0	0	0	0	0	0.0	0.0	0	0.42
11	Guadalupe	Hays	376.7	55.0	9488	7588	38098	314	148.0	15.9	23	10.0	5195	4559	22976	20	45.8	3.3	17	0.0	0	0	0	0	0.0	0.0	0	0.47
11	Guadalupe	Karnes	48.7	6.9	5	2	9	13	3.3	4.6	0	1.4	3	1	4	2	1.3	1.3	0	0.0	0	0	0	0	0.0	0.0	0	0.08
11	Guadalupe	Kendall	502.9	60.3	2487	1324	3638	198	64.7	47.0	5	19.2	718	358	1172	17	20.2	15.7	9	0.0	0	0	0	0	0.0	0.0	0	0.38
11	Guadalupe	Kerr	769.6	86.6	7367	4688	15818	522	195.2	60.5	15	19.0	2577	1424	7402	24	50.3	13.6	8	0.0	0	0	0	0	0.0	0.0	0	0.53
11	Guadalupe	Lavaca	8.6	0.2	1	0	0	1	0.1	0.2	0	0.1	1	0	0	0	0.1	0.1	0	0.0	0	0	0	0	0.0	0.0	0	0.34
11	Guadalupe	Refugio	0.6	0.6	3	1	8	2	1.1	0.0	0	0.0	0	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0.0	0.0	0	0.59
11	Guadalupe	Travis	5.5	0.5	13	13	33	2	0.1	0.2	0	0.1	4	4	8	0	0.1	0.1	0	0.0	0	0	0	0	0.0	0.0	0	0.63
11	Guadalupe	Victoria	413.7	149.4	2955	2357	7026	145	130.0	43.4	60	19.0	1856	1543	5255	12	43.8	7.3	5	0.0	0	0	0	0	0.0	0.0	0	0.49
11	Guadalupe	Wilson	52.7	5.7	22	10	39	17	5.0	4.2	0	1.2	2	1	5	2	1.0	1.1	0	0.0	0	0	0	0	0.0	0.0	0	0.58

Map 9: Future Condition Flood Hazard - Gaps in Inundation Boundary Mapping including Identification of Known Flood-Prone Areas



Legend

- River
- Tributary
- Major Reservoirs
- No future modeling/mapping
- No future models with Atlas 14 rainfall

0 4.5 9 Miles

GUADALUPE REGION 11

FREESE NICHOLS

Freese and Nichols, Inc.
Office: (512) 617-3100

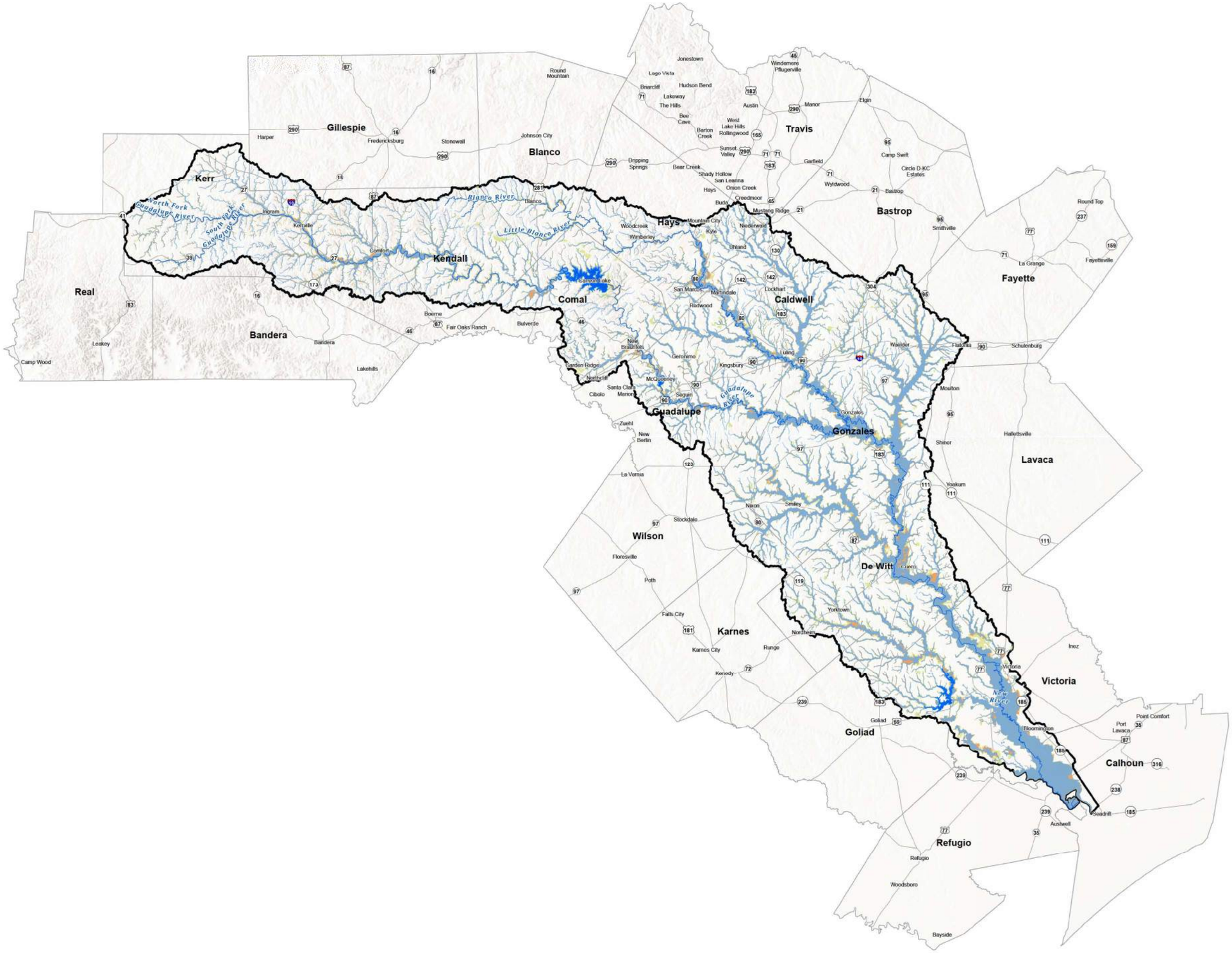
Future Condition Flood Hazard - Gaps in Inundation Boundary Mapping and Identify Flood-Prone Areas

Region 11: Guadalupe

FN JOB NO	GBA21362
FILE	G_Gaps_Flood_Prone_Areas
DATE	7/14/2022
SCALE	1 in = 9 miles
DRAFTED	DAMS

Map 9

Map 10: Extent of Increase of Flood Hazard Compared to Existing Condition



Legend

- Major Reservoirs
- River
- Tributary

Existing Flood Hazard

- *1% Annual Chance Flood Hazard*
- *0.2% Annual Chance Flood Hazard*
- *Flood Prone Areas*

Future Flood Hazard

- *1% Annual Chance*
- *0.2% Annual Chance*
- Flood Planning Region

0 4.5 9 Miles

GUADALUPE REGION

FREESE AND NICHOLS

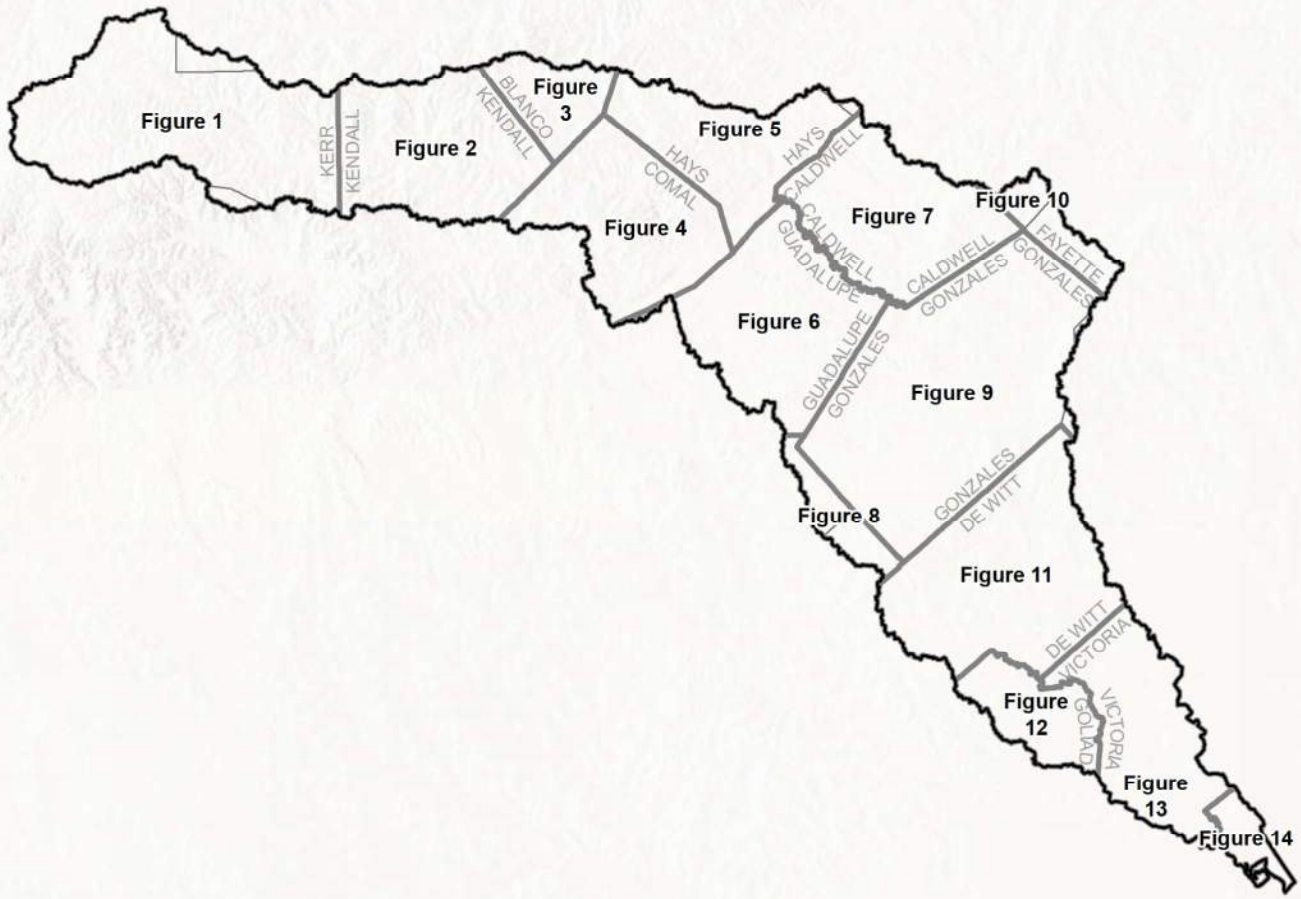
Freese and Nichols, Inc.
Office: (512) 617-3100

Map 10 Region - Future Flood Hazard Increase

Region 11: Guadalupe

FN JOB NO	GBA21362
FILE	10_IncFldHazardRegion
DATE	7/19/2022
SCALE	1 in = 9 miles
DRAFTED	DJ/DS

Map **10**



0 13.5 27

Miles

FN PROJECT NO. GBA21362 DATE CREATED Date: 7/19/2022 DATUM & COORDINATE SYSTEM NAD 1983 2011 Texas Centric Mapping System Lambert FILE NAME Name: 10_IncFldHazard_Index PREPARED BY 02405	REGION GUADALUPE REGIONAL FLOOD PLANNING GROUP FREESE AND NICHOLS FREESE AND NICHOLS, INC. 10431 MORADO CIRCLE BUILDING 5, SUITE 300 AUSTIN, TEXAS 78759 OFFICE: (512) 617-3100	Region 11: Guadalupe Map 10 Index - Future Flood Hazard Increase **Index Map**	N W E S	FIGURE Index

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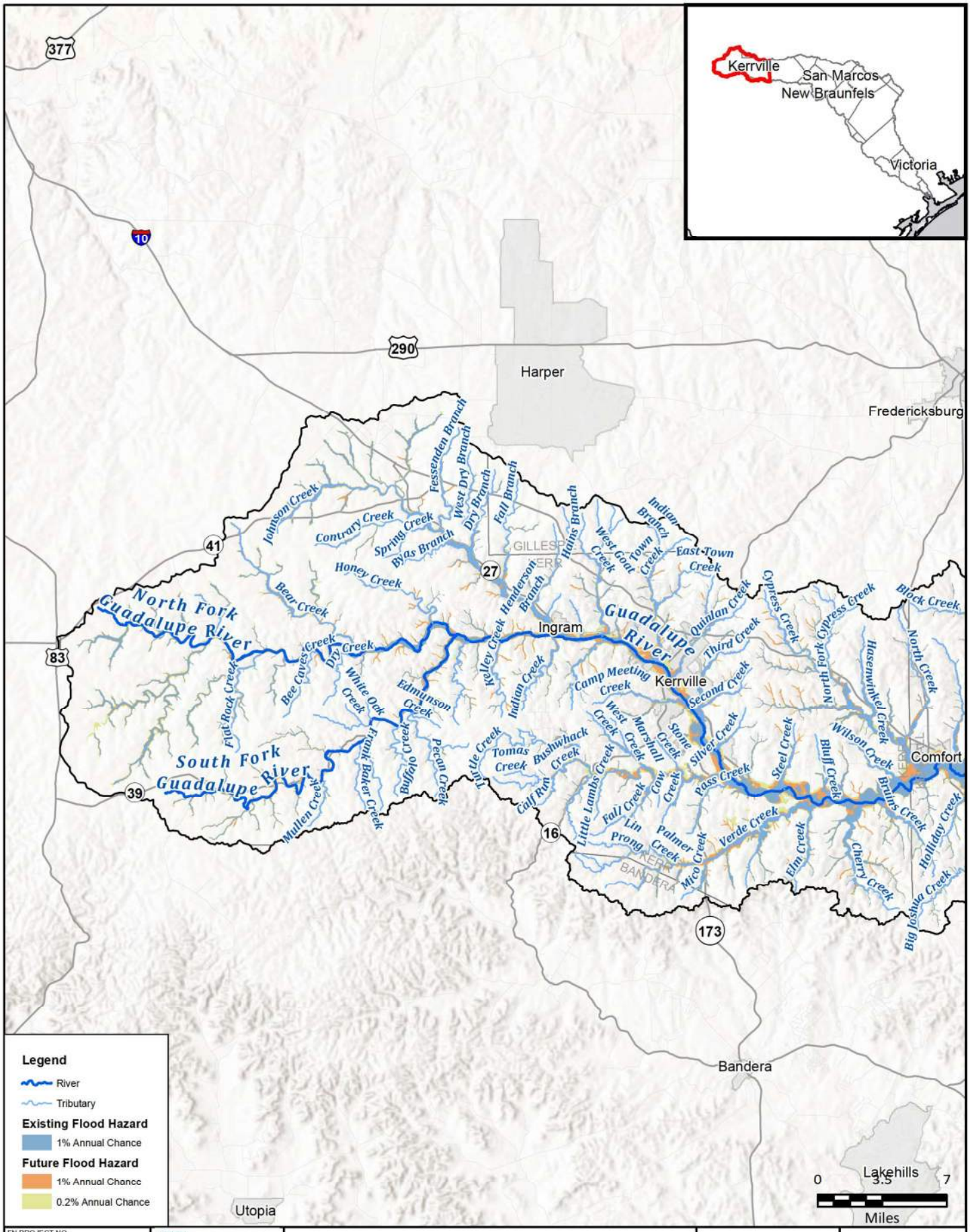

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FILE NAME	Name: 10_IncFldHazardMapbook
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OFFICE: (512) 617-3100

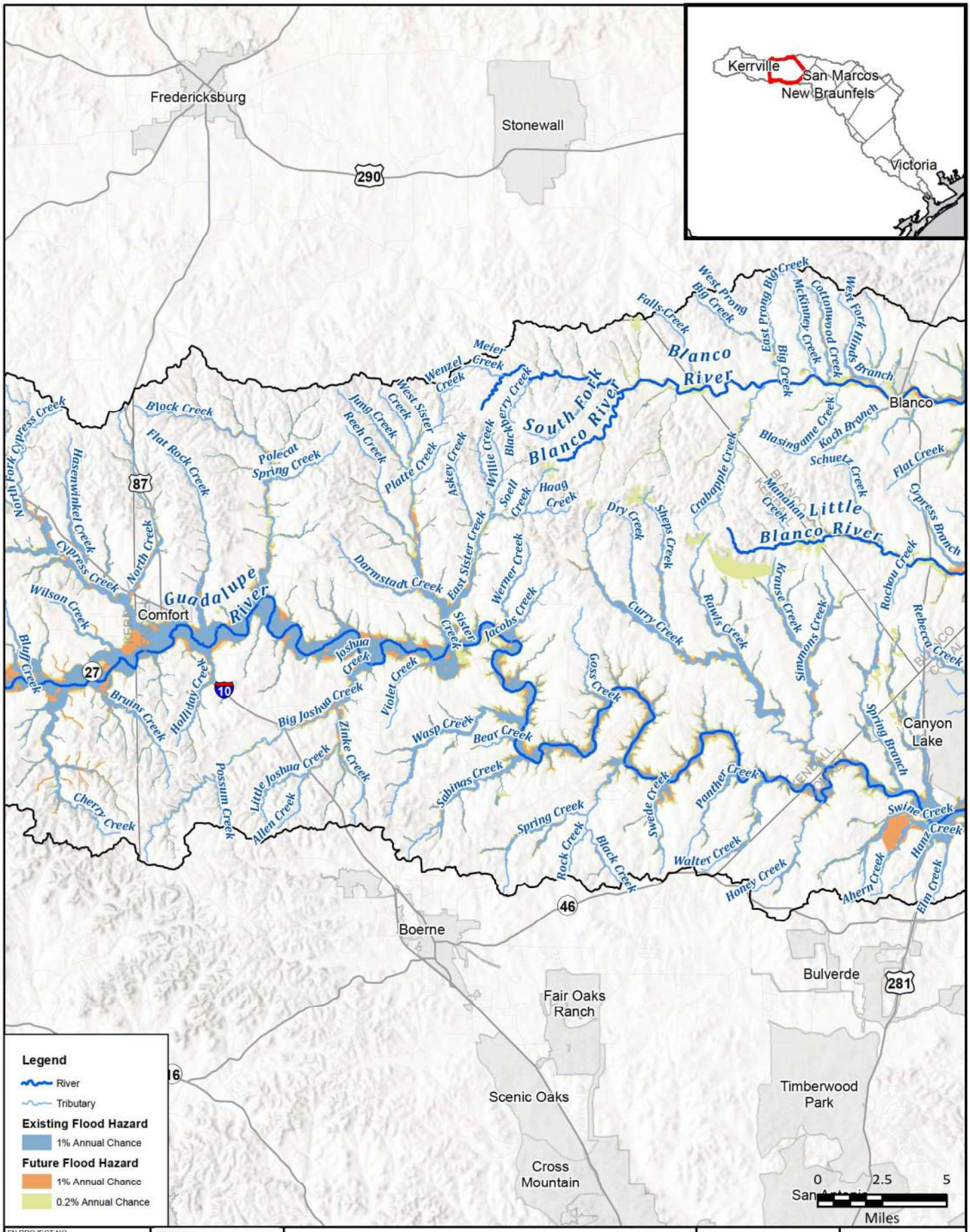
Region 11: Guadalupe

Map 10 - Future Flood Hazard Increase

Kerr County

N W E S

FIGURE
1 of 14



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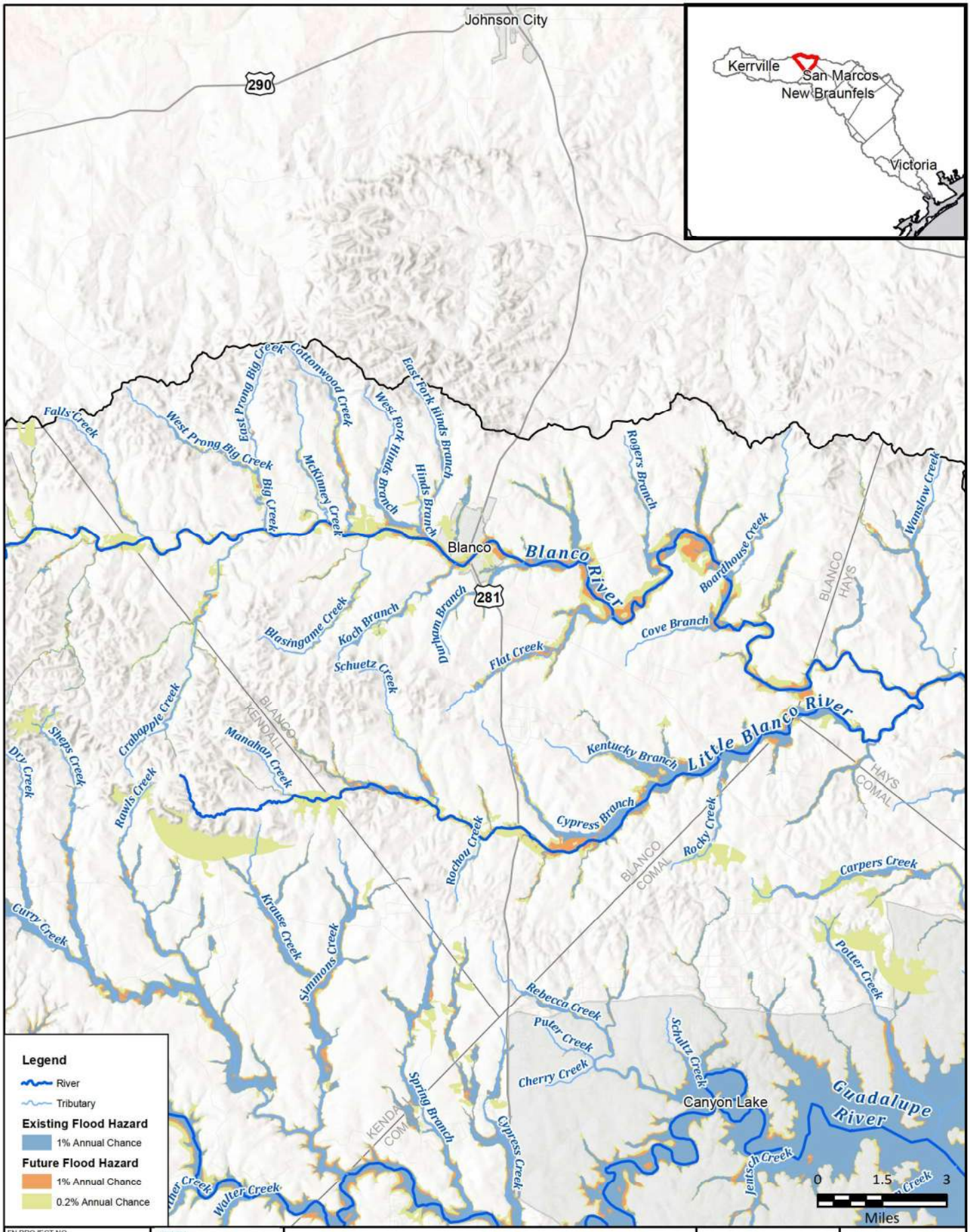
Region 11: Guadalupe

Map 10 - Future Flood Hazard Increase

Kendall County

FIGURE
2 of 14



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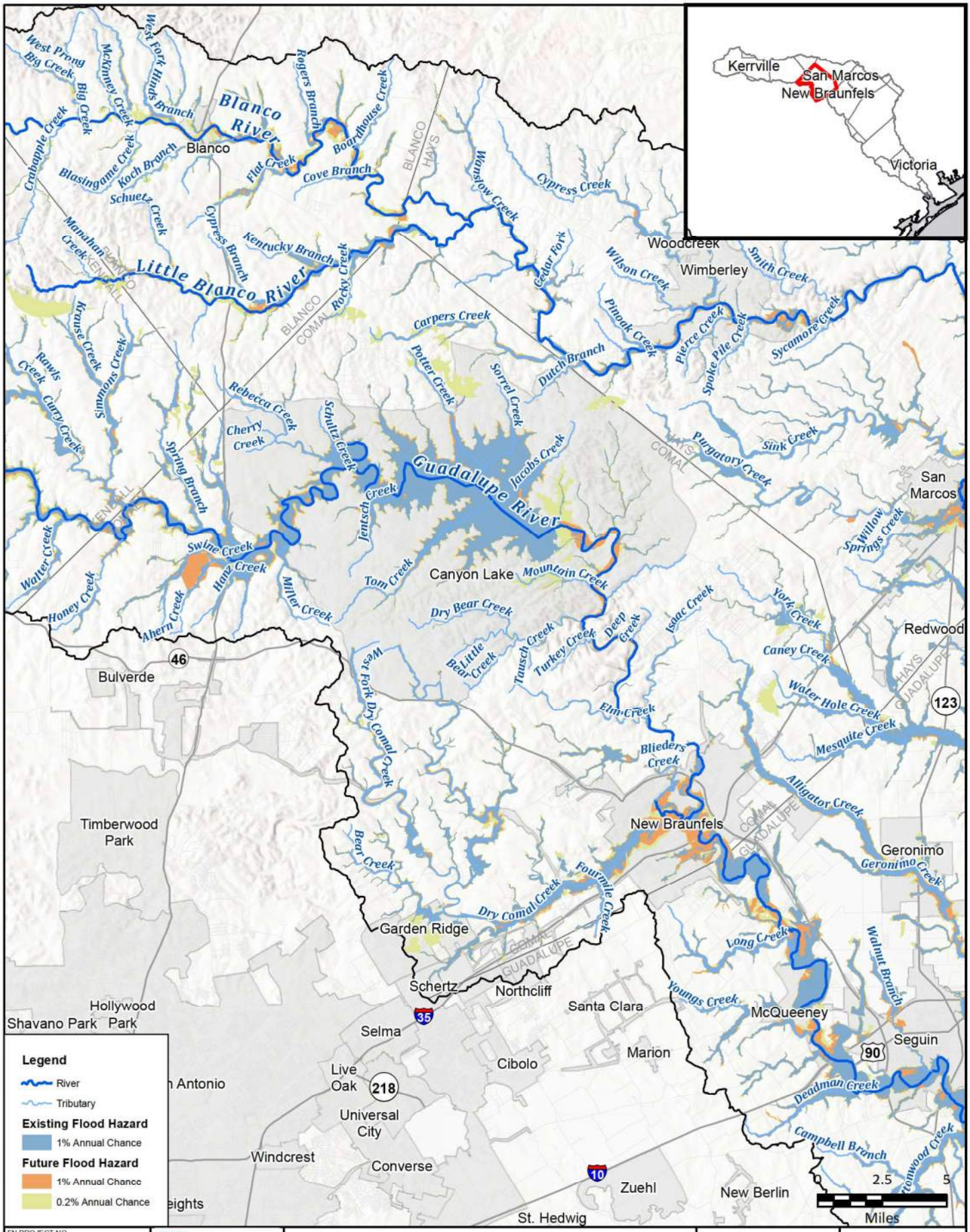
Map 10 - Future Flood Hazard Increase

Blanco County

N W E S

FIGURE

3 of 14



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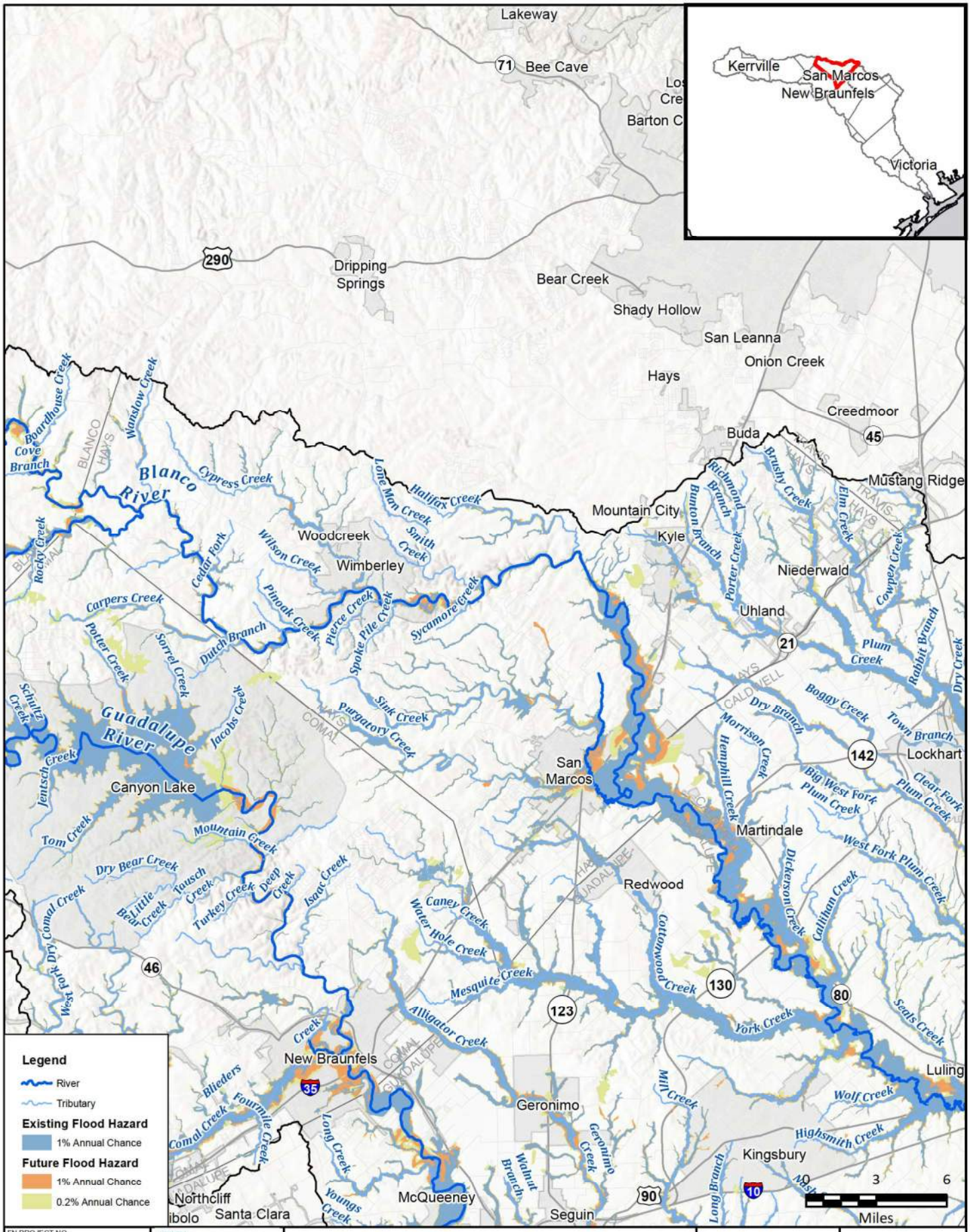
Map 10 - Future Flood Hazard Increase

Comal County

N W E S

FIGURE
4 of 14



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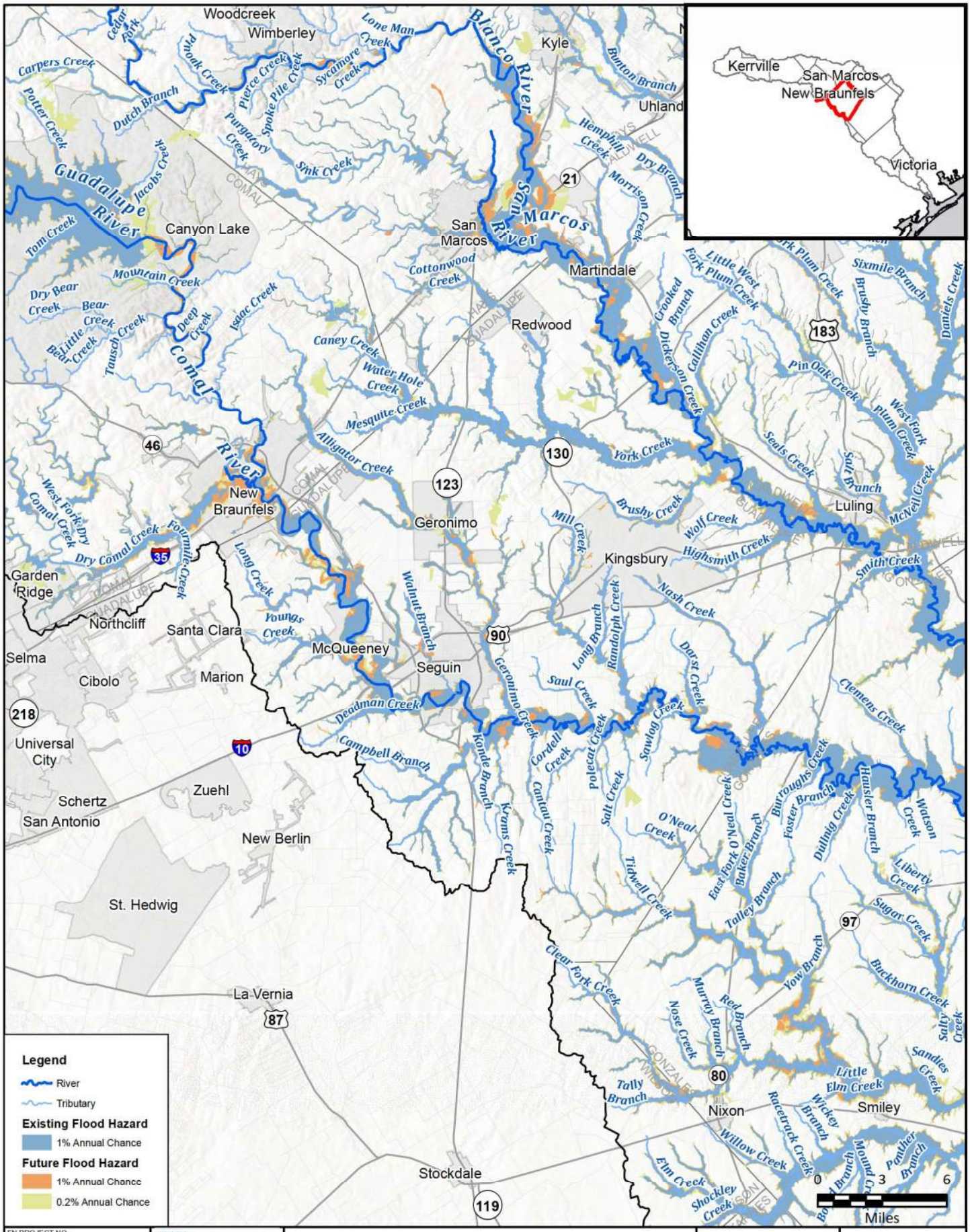
Map 10 - Future Flood Hazard Increase

Hays County

N W E S

FIGURE

5 of 14



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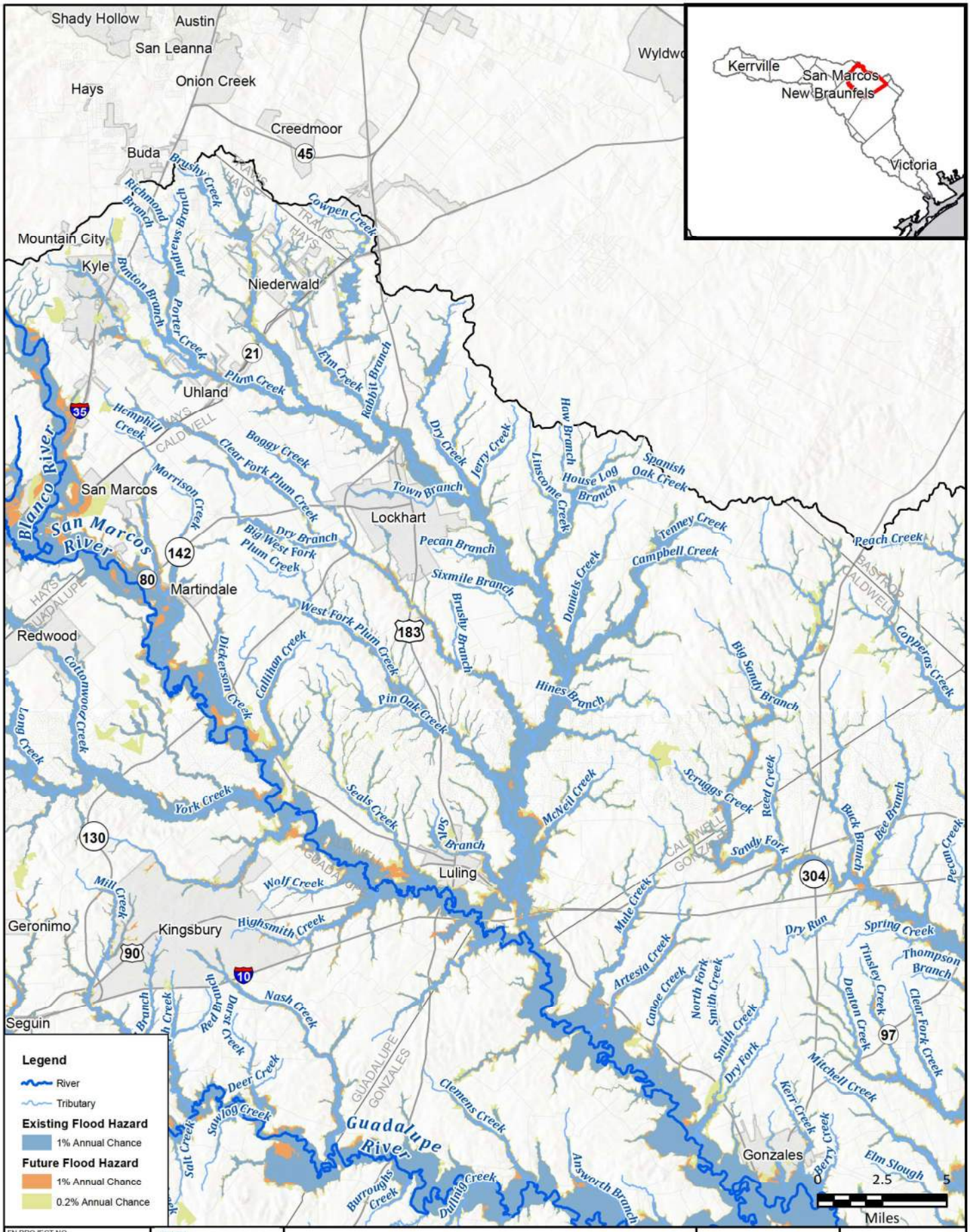
Map 10 - Future Flood Hazard Increase

Guadalupe County

FIGURE

6 of 14



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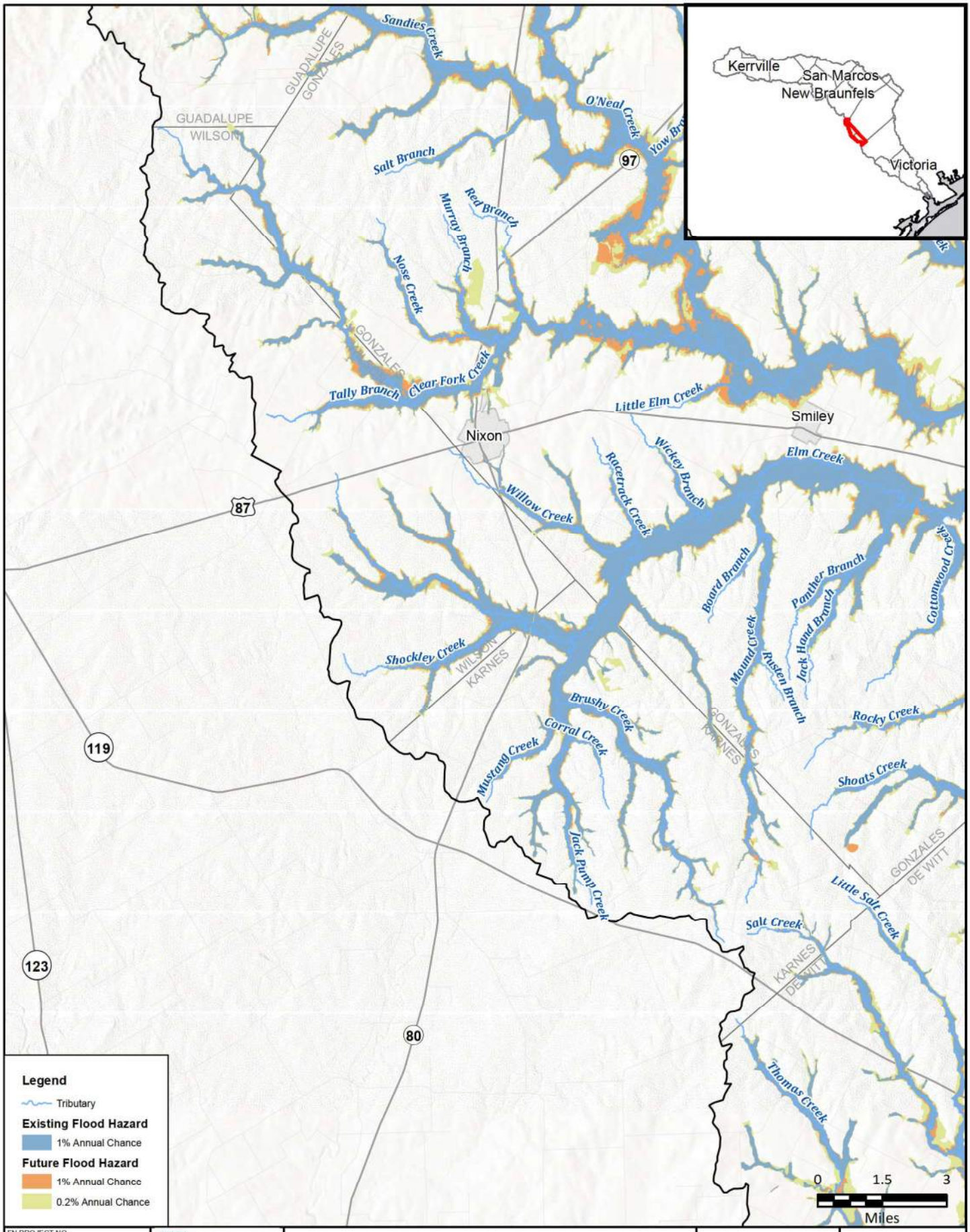
Map 10 - Future Flood Hazard Increase

Caldwell County

N W E S

FIGURE 7 of 14



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Region 11: Guadalupe

Map 10 - Future Flood Hazard Increase

Wilson & Karnes Counties

N
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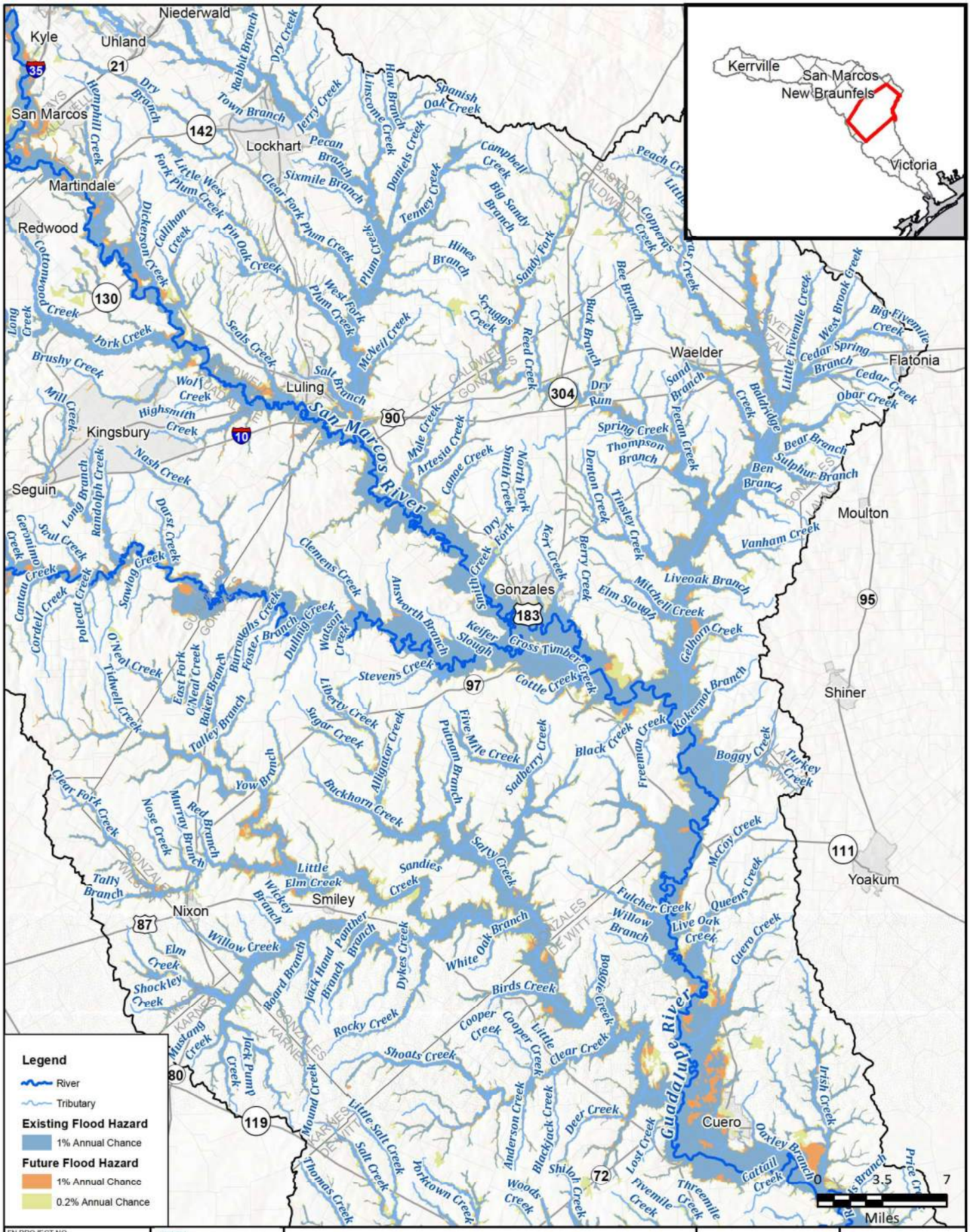
FIGURE
8 of 14



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Region 11: Guadalupe

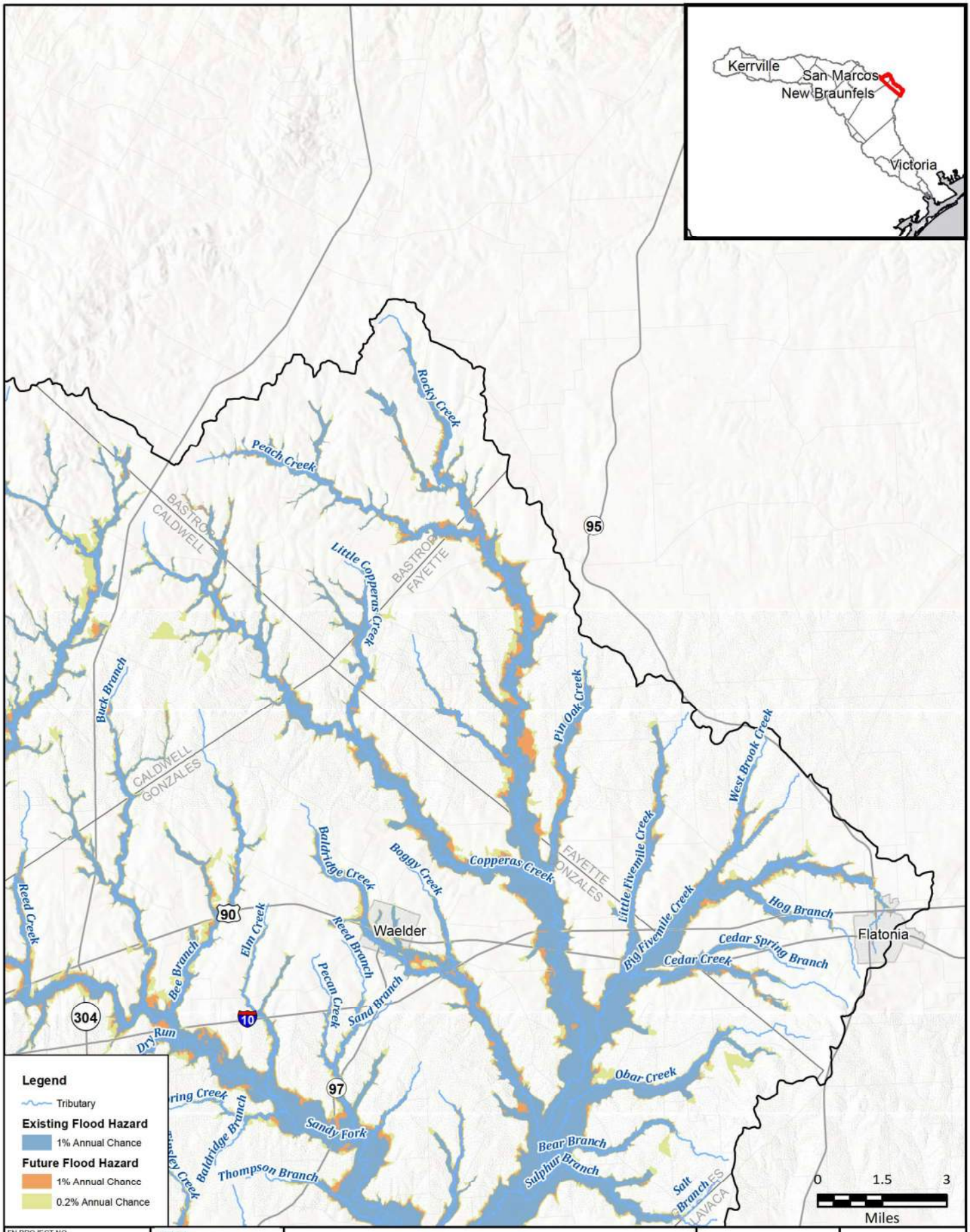
Map 10 - Future Flood Hazard Increase

Gonzales County

N W E S

FIGURE

9 of 14



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OFFICE: (512) 617-3100

Region 11: Guadalupe

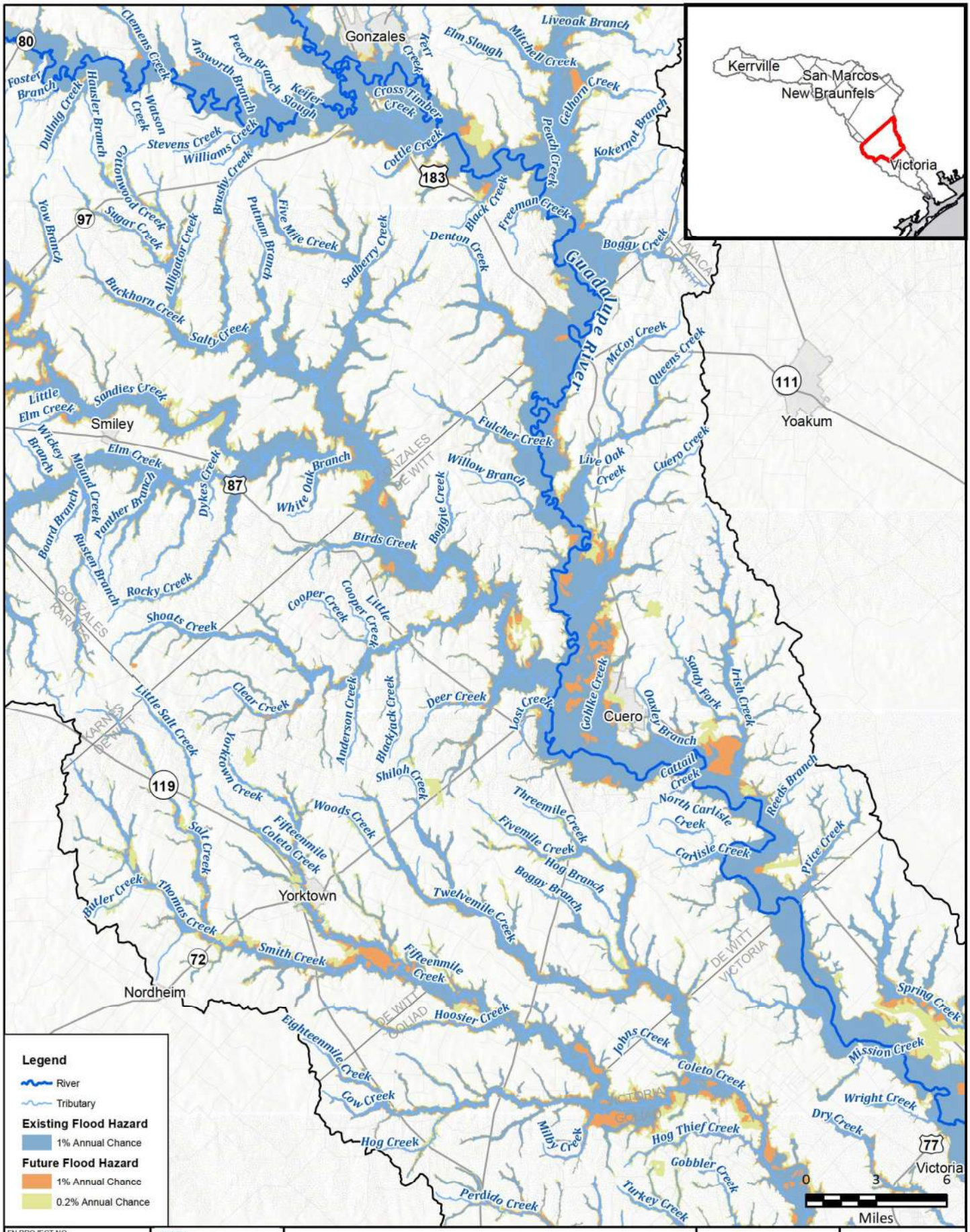
Map 10 - Future Flood Hazard Increase

Bastrop & Fayette Counties

N W E S

FIGURE

10 of 14



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REGION GUADALUPE REGIONAL FLOOD PLANNING GROUP
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FREESE AND NICHOLS, INC.
10431 MORADO CIRCLE
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AUSTIN, TEXAS 78759
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Region 11: Guadalupe

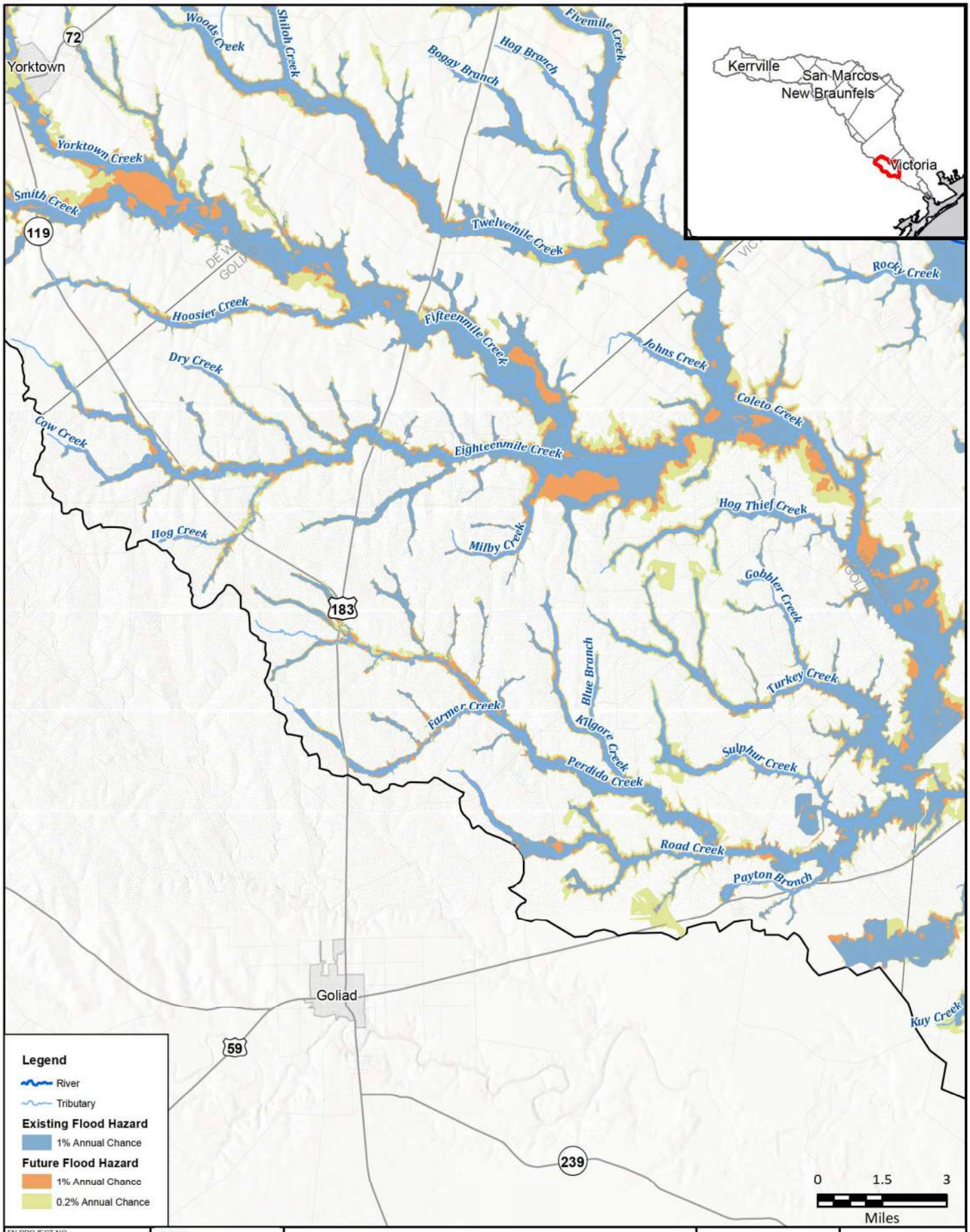
Map 10 - Future Flood Hazard Increase

De Witt County

N W E S

FIGURE

11 of 14



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REGION GUADALUPE REGIONAL FLOOD PLANNING GROUP
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10431 MORADO CIRCLE
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AUSTIN, TEXAS 78759
OFFICE: (512) 617-3100

Region 11: Guadalupe

Map 10 - Future Flood Hazard Increase

Goliad County

N W E S

FIGURE

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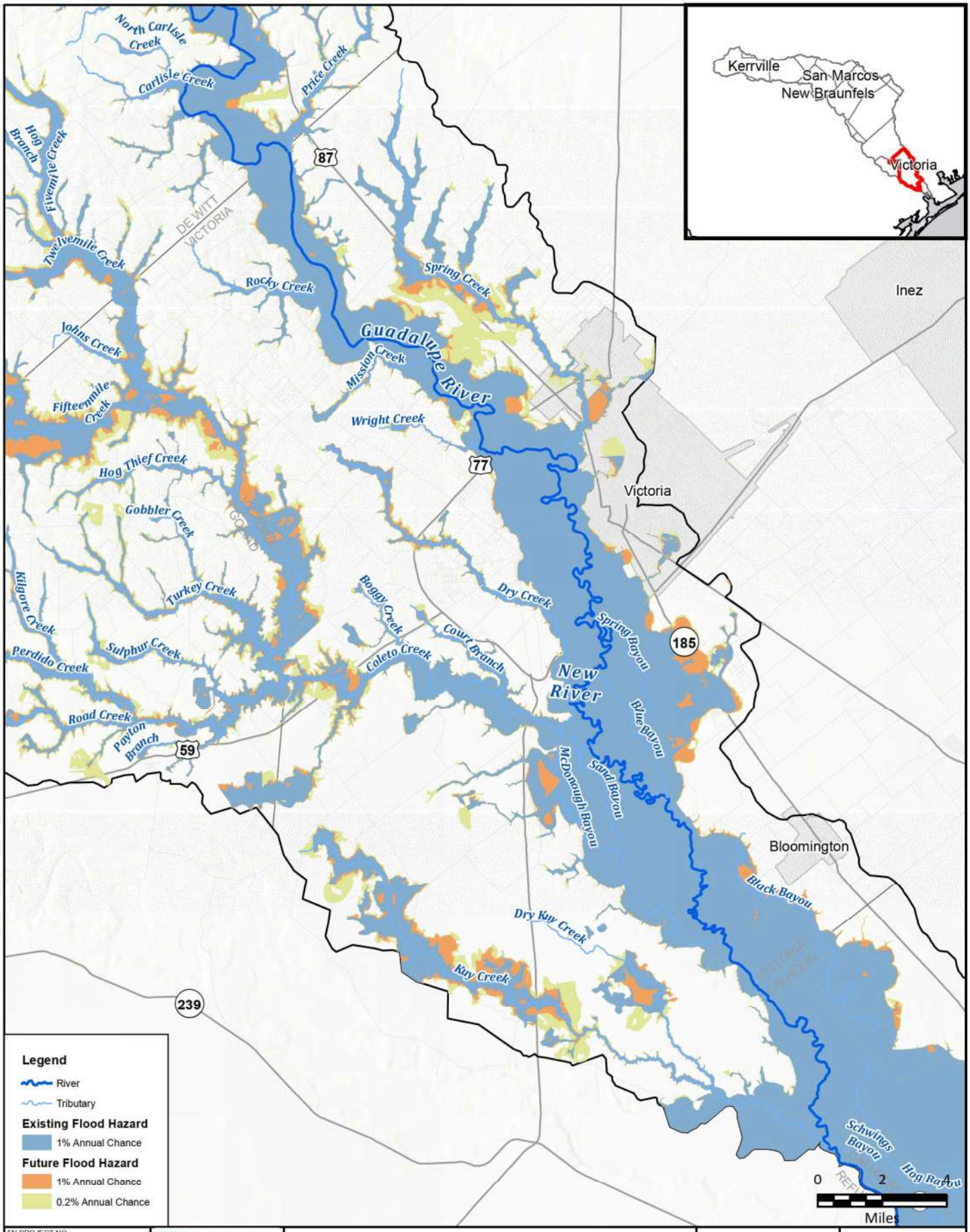

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REGION GUADALUPE REGIONAL FLOOD PLANNING GROUP

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10431 MORADO CIRCLE
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OFFICE: (512) 617-3100

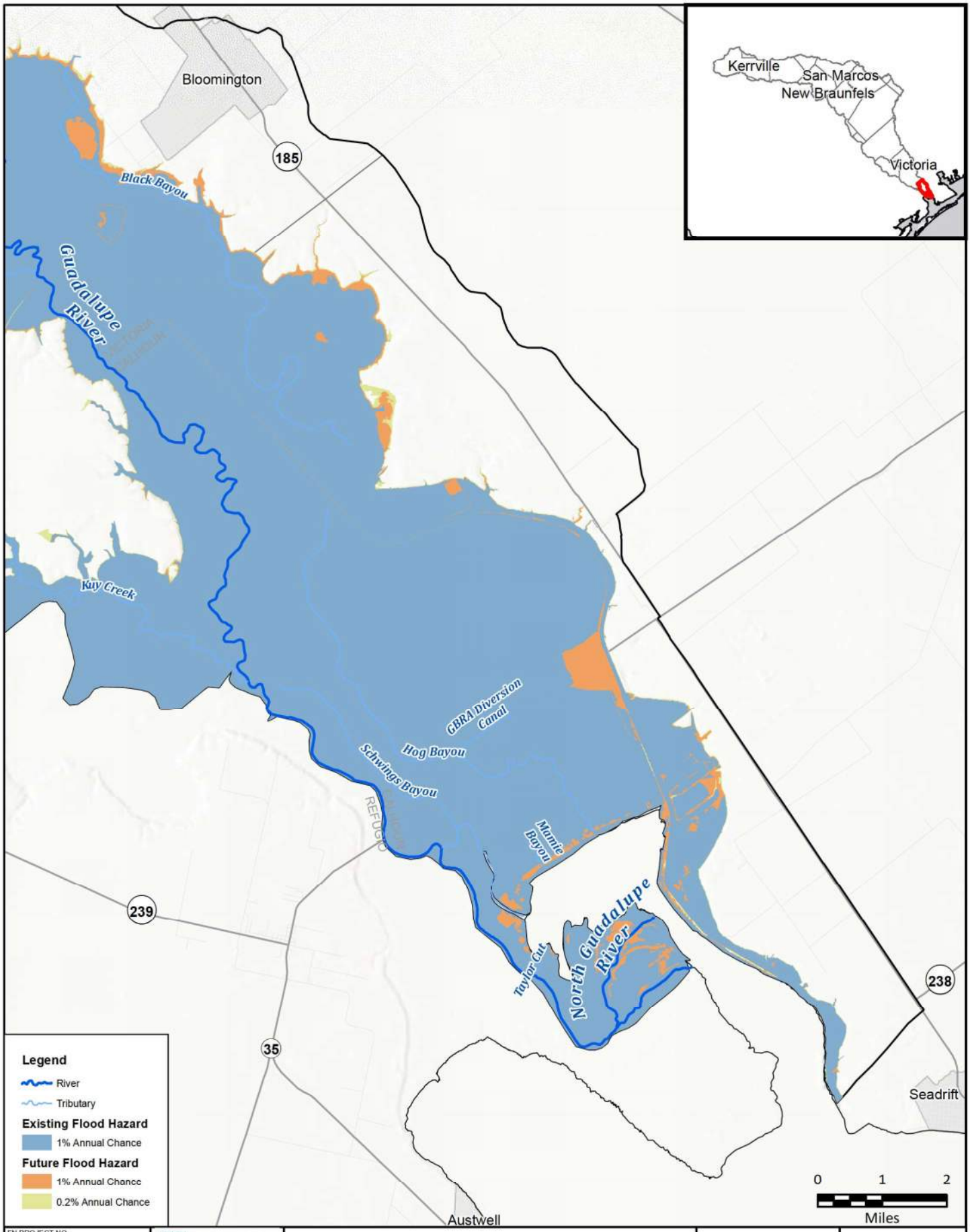
Region 11: Guadalupe

Map 10 - Future Flood Hazard Increase

Victoria County

FIGURE

13 of 14



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OFFICE: (512) 617-3100

Region 11: Guadalupe

Map 10 - Future Flood Hazard Increase

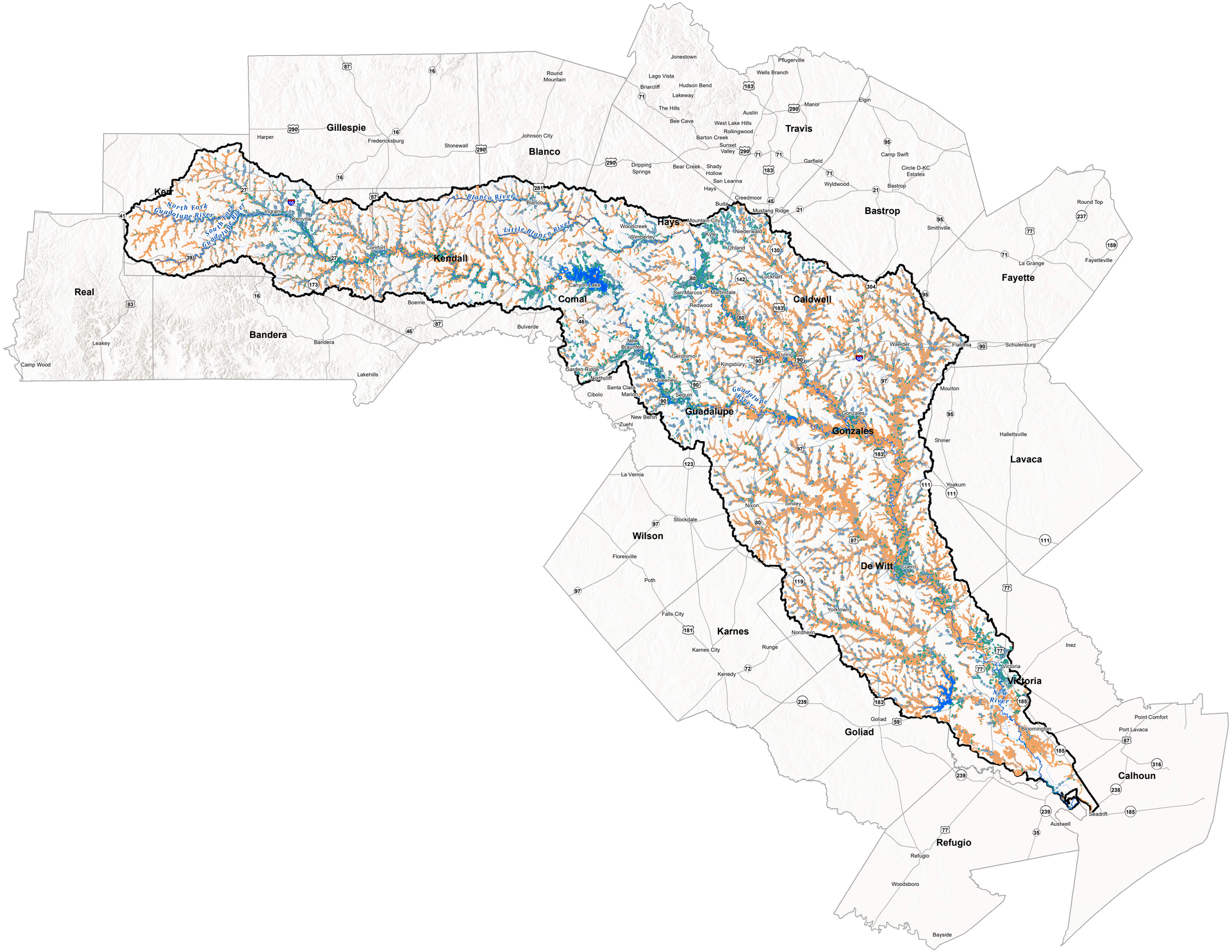
Calhoun County

N W E S

FIGURE

14 of 14

Map 11: Future Condition Flood Exposure



Legend

- Major Reservoirs
- River
- Tributary
- Exposed Roadway Crossing
- Buildings
- Agricultural Land
- Flood Planning Region

0 4.5 9 Miles

REGION 11 GUADALUPE

FREESE AND NICHOLS

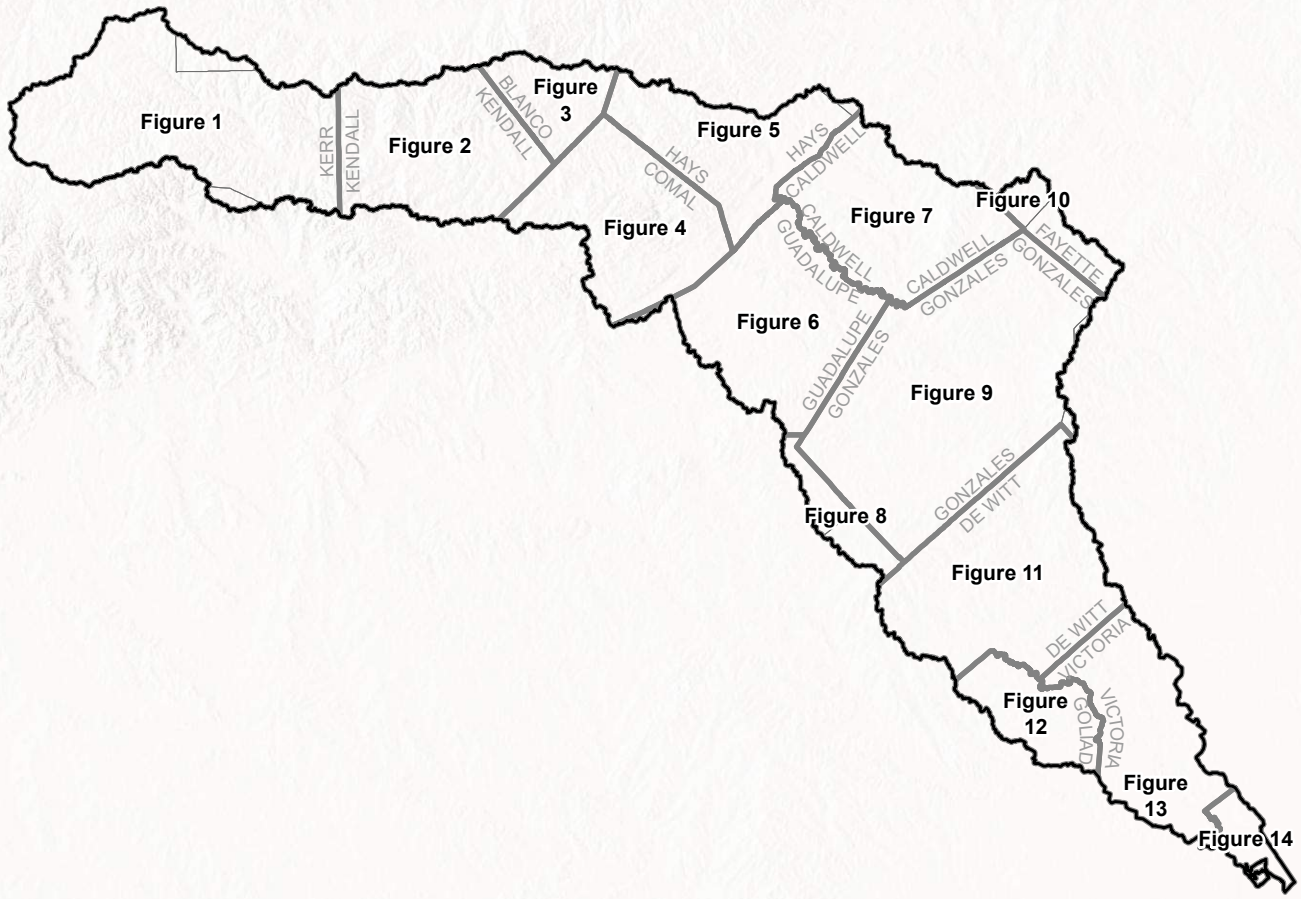
Freese and Nichols, Inc.
Office: (512) 617-3100

Map 11 Region - Future Condition Flood Exposure

Region 11: Guadalupe

FN JOB NO	GBA21362
FILE	11_FutureFloodExpRegion
DATE	12/15/2022
SCALE	1 in = 9 miles
DRAFTED	02405

Map 11



0 13.5 27

Miles

FN PROJECT NO. GBA21362 DATE CREATED Date: 12/15/2022 DATUM & COORDINATE SYSTEM NAD 1983 2011 Texas Centric Mapping System Lambert FILE NAME Name: 11_FutureFloodExp_Index PREPARED BY 02405	REGION 11 GUADALUPE REGIONAL FLOOD PLANNING GROUP FREESE AND NICHOLS FREESE AND NICHOLS, INC. 10431 MORADO CIRCLE BUILDING 5, SUITE 300 AUSTIN, TEXAS 78759 OFFICE: (512) 617-3100	Region 11: Guadalupe Map 11 Index - Future Condition Flood Exposure **Index Map**	N W E S	FIGURE Index

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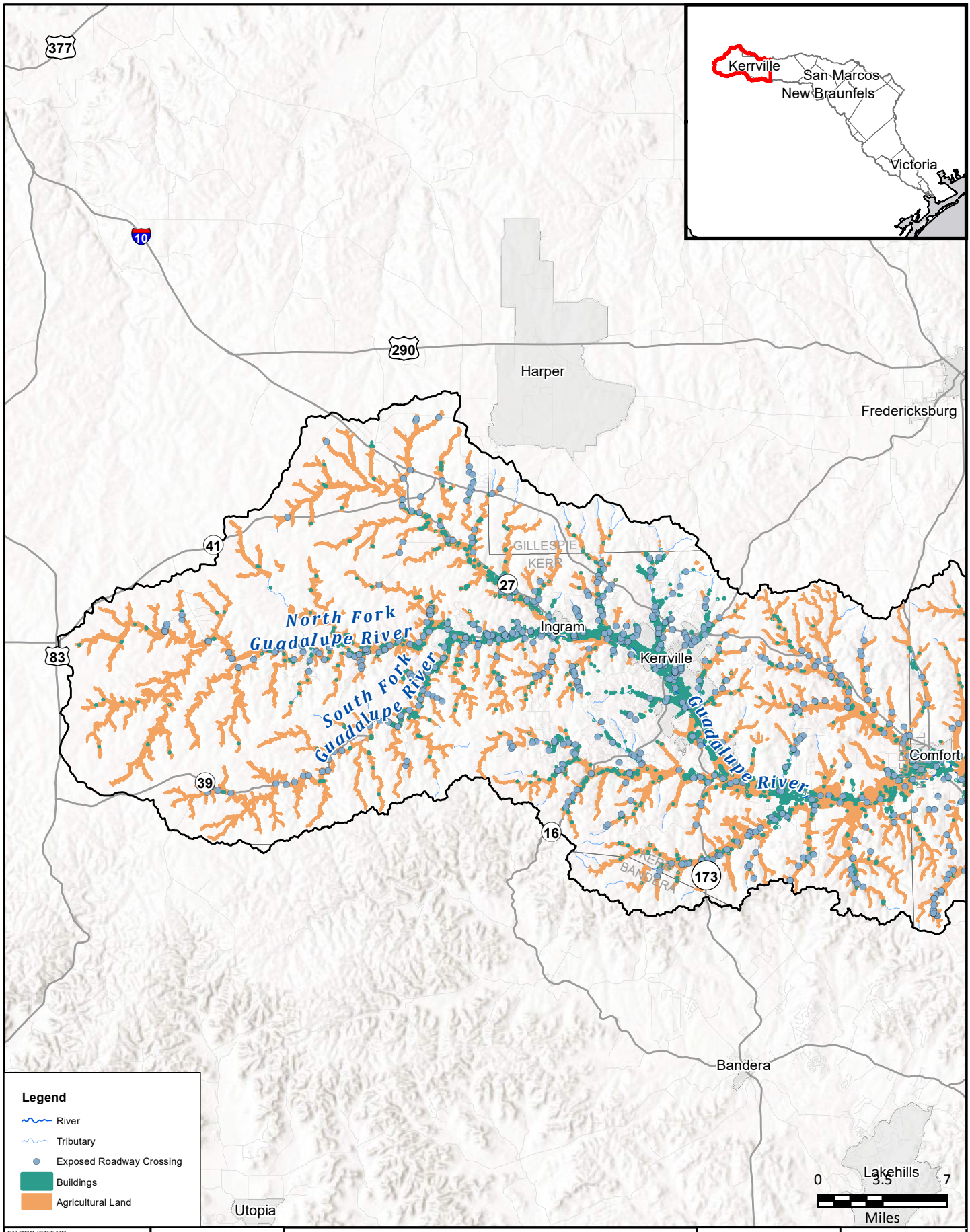

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OFFICE: (512) 617-3100

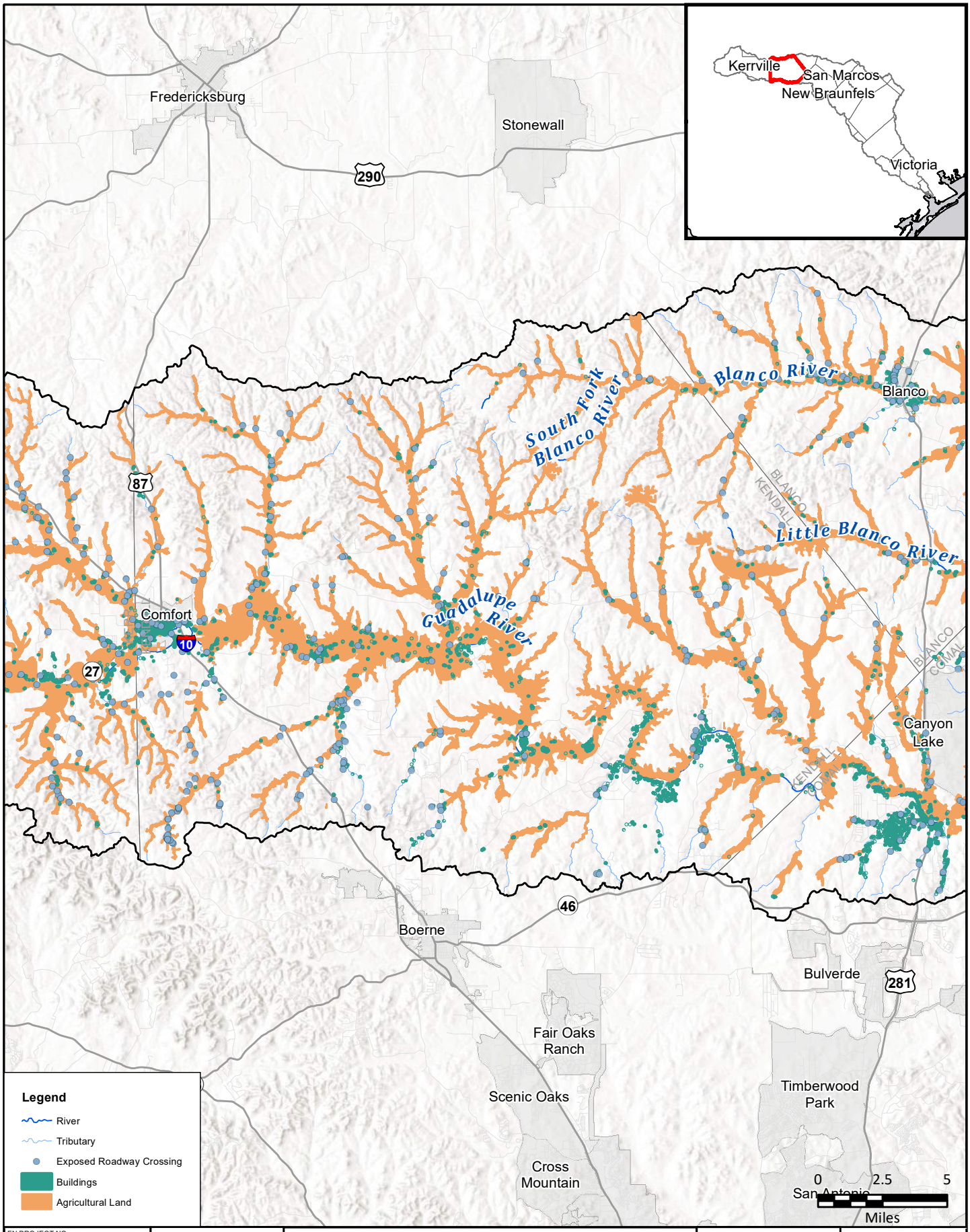
Region 11: Guadalupe

Map 11 - Future Condition Flood Exposure

Kerr County

N W E S

FIGURE
1 of 14



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AUSTIN, TEXAS 78759
OFFICE: (512) 617-3100

Region 11: Guadalupe

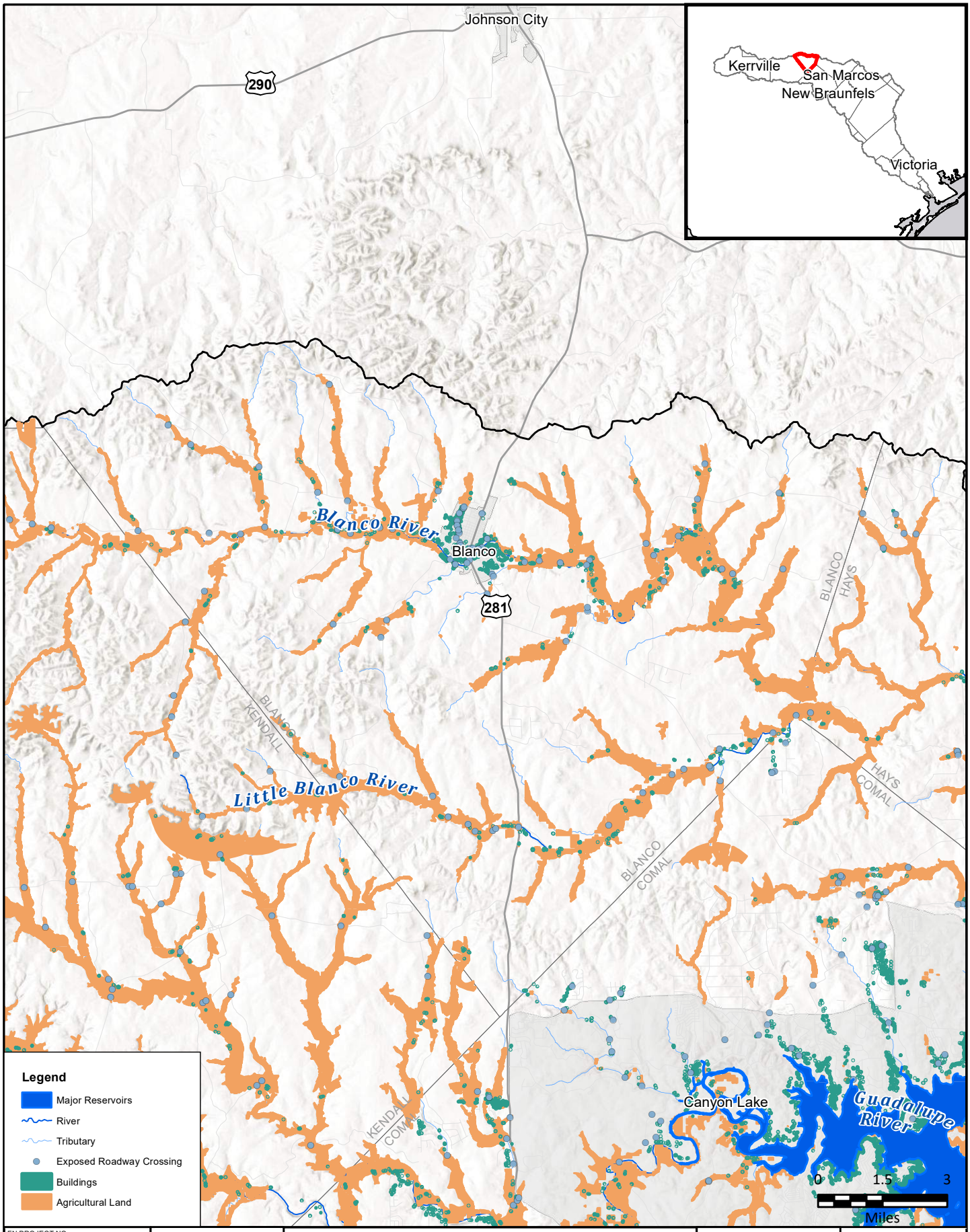
Map 11 - Future Condition Flood Exposure

Kendall County

N W E S

FIGURE

2 of 14



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OFFICE: (512) 617-3100

Region 11: Guadalupe

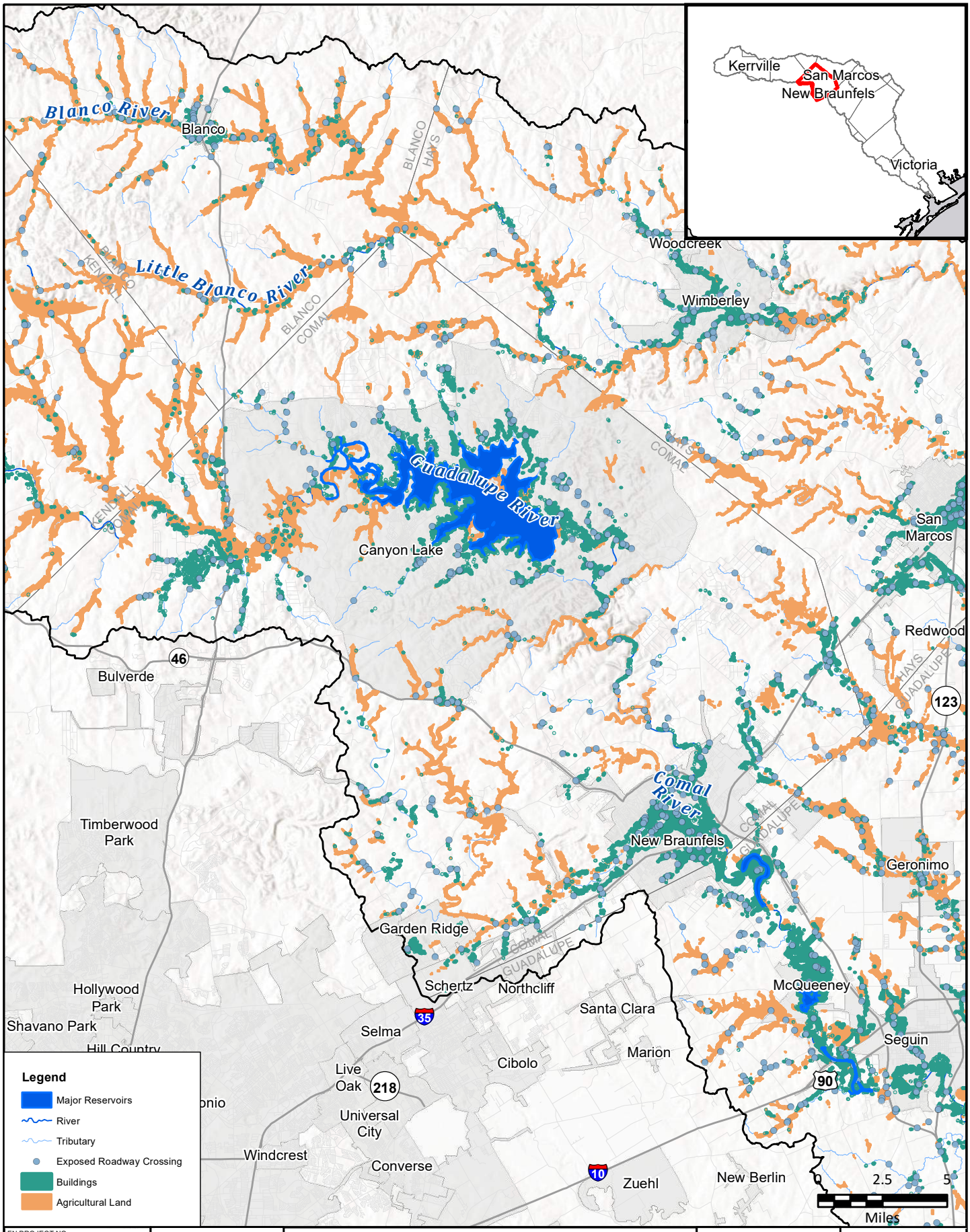
Map 11 - Future Condition Flood Exposure

Blanco County

N W E S

FIGURE

3 of 14



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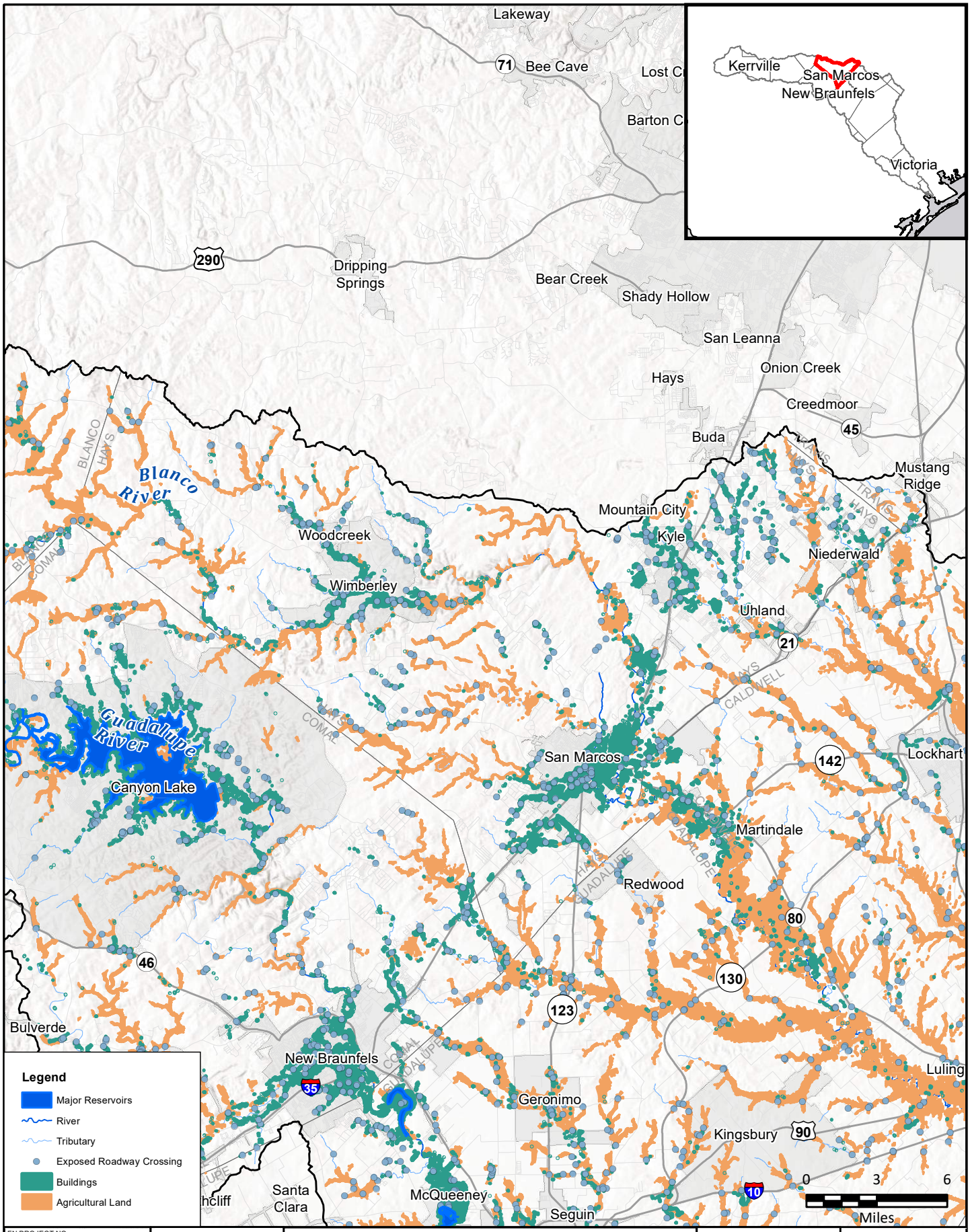
Region 11: Guadalupe

Map 11 - Future Condition Flood Exposure

Comal County

FIGURE
4 of 14



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FILE NAME	Name: 11_FutureFloodExpMapbook
PREPARED BY	02405

REGION 11 GUADALUPE REGIONAL FLOOD PLANNING GROUP
FREESE AND NICHOLS
FREESE AND NICHOLS, INC.
10431 MORADO CIRCLE
BUILDING 5, SUITE 300
AUSTIN, TEXAS 78759
OFFICE: (512) 617-3100

Region 11: Guadalupe

Map 11 - Future Condition Flood Exposure

Hays County

N W E S

FIGURE

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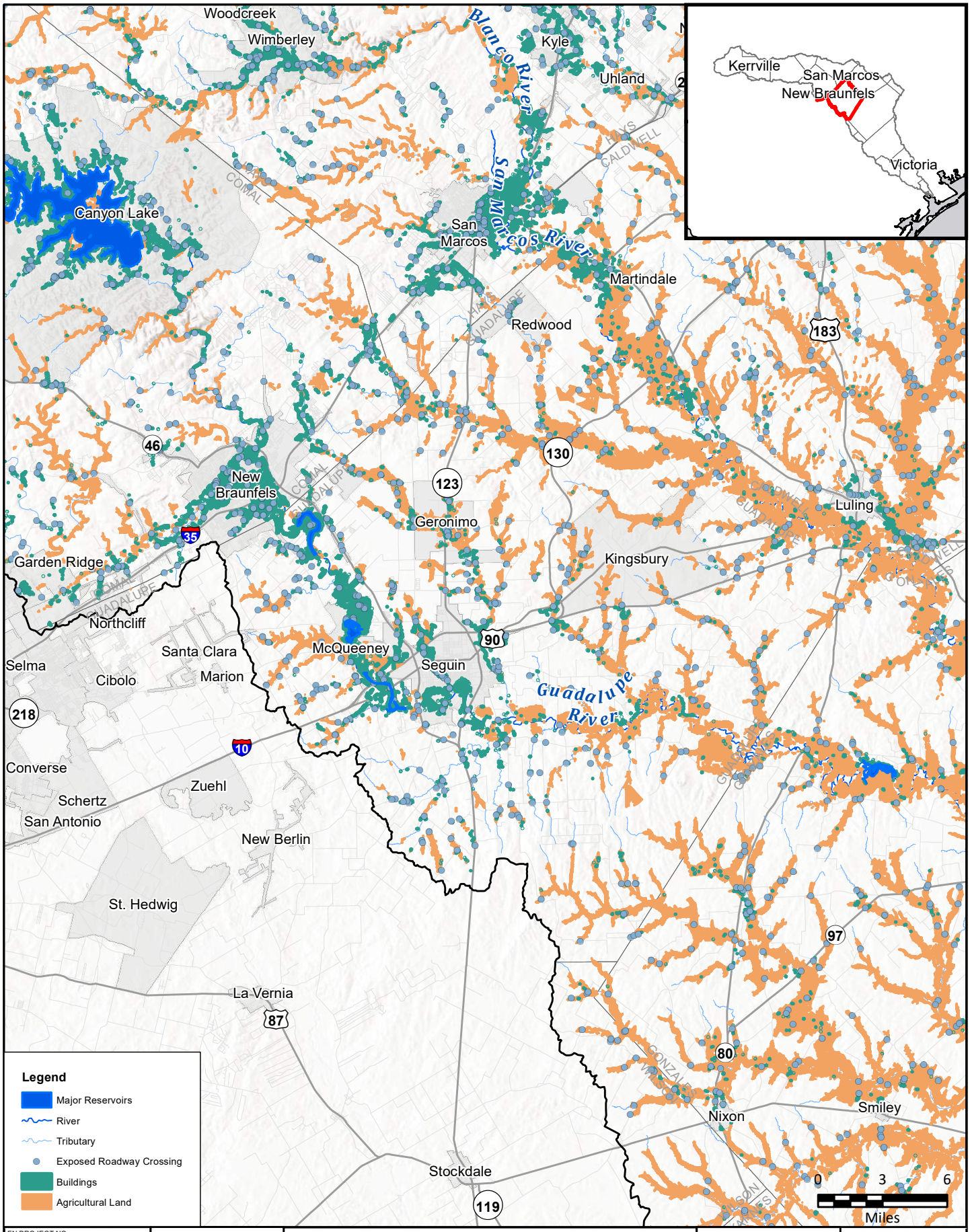

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Region 11: Guadalupe

Map 11 - Future Condition Flood Exposure

Guadalupe County

N W E S

FIGURE

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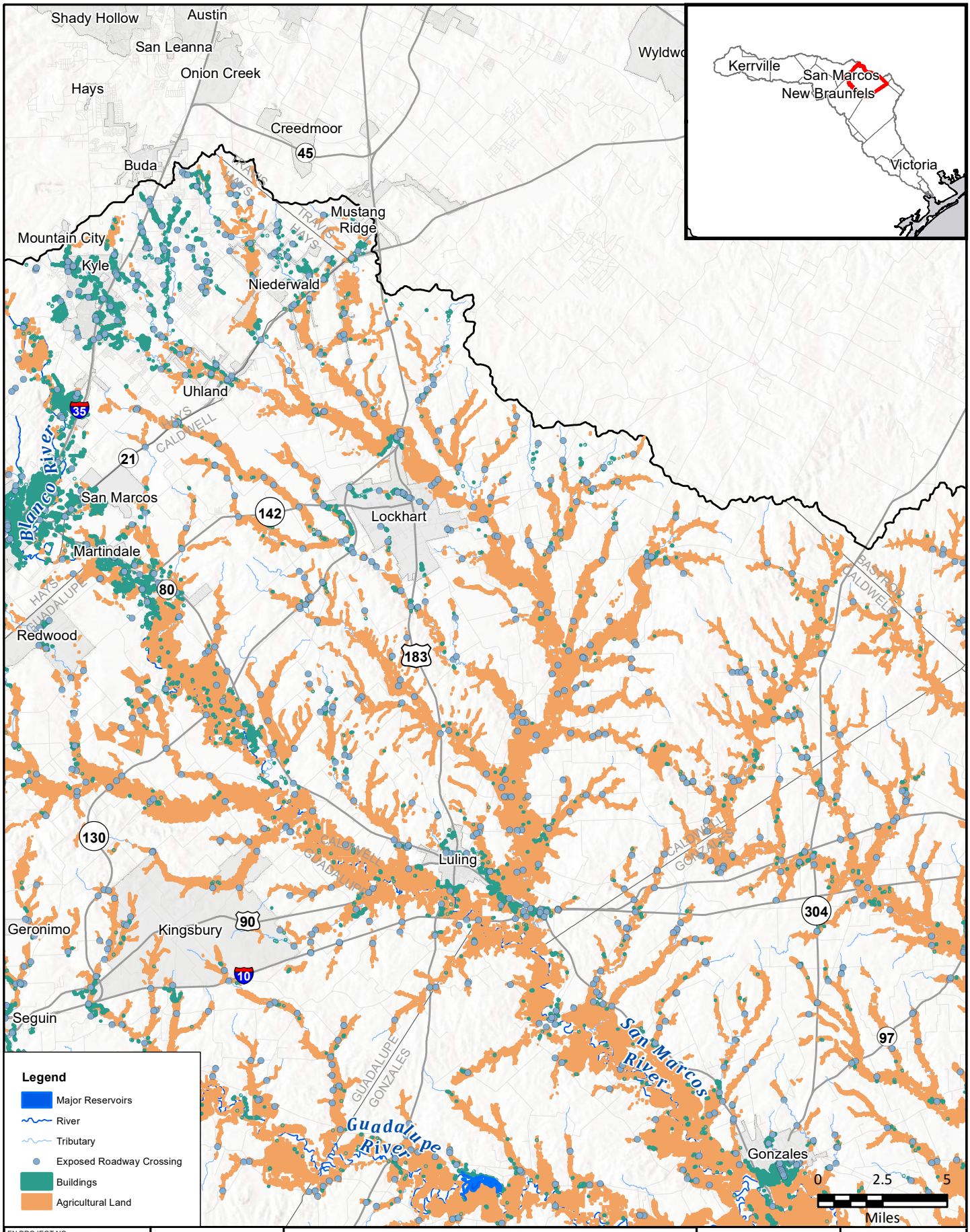

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Map 11 - Future Condition Flood Exposure

Caldwell County

N W E S

FIGURE
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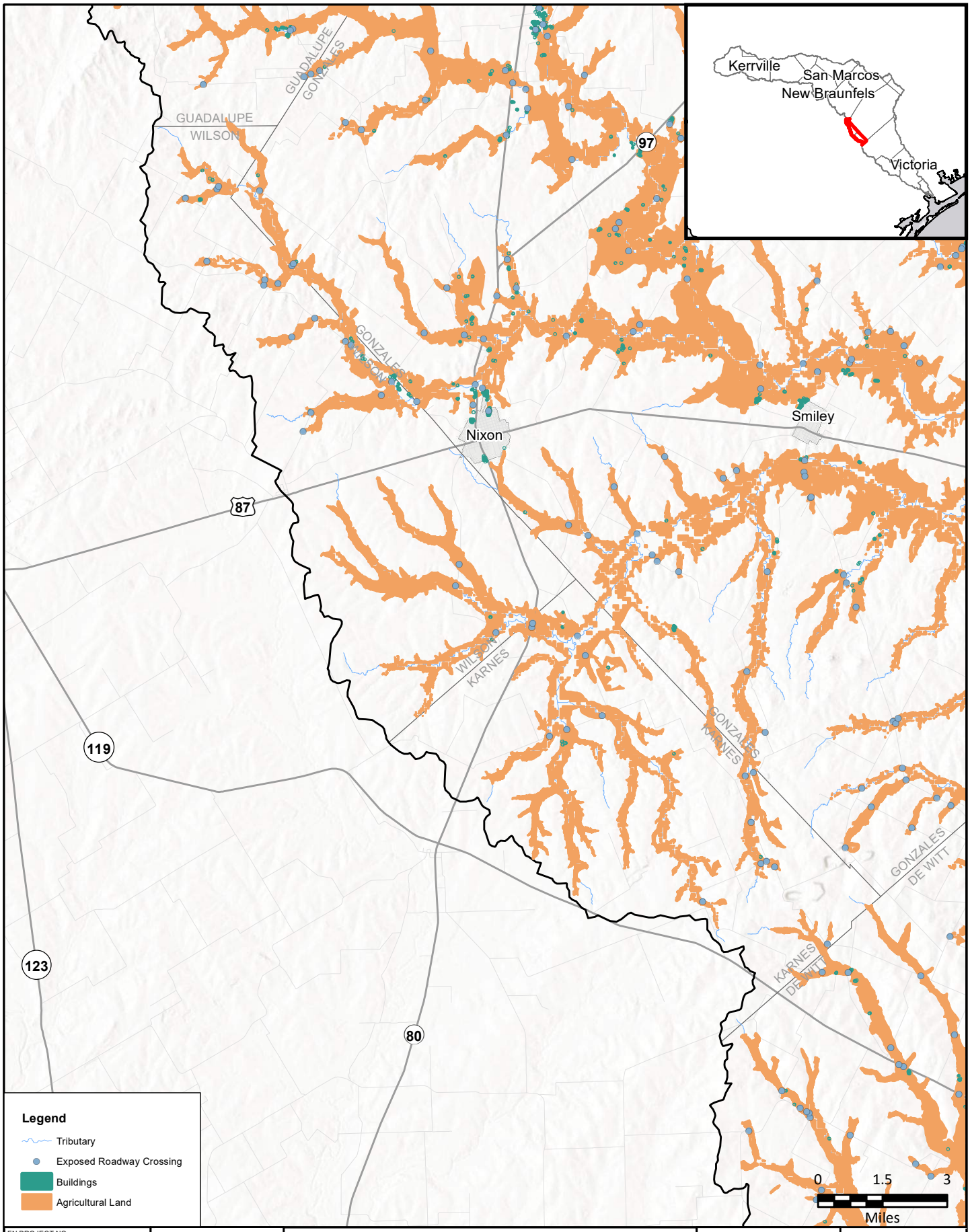

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Map 11 - Future Condition Flood Exposure

Wilson & Karnes Counties

N W E S

FIGURE

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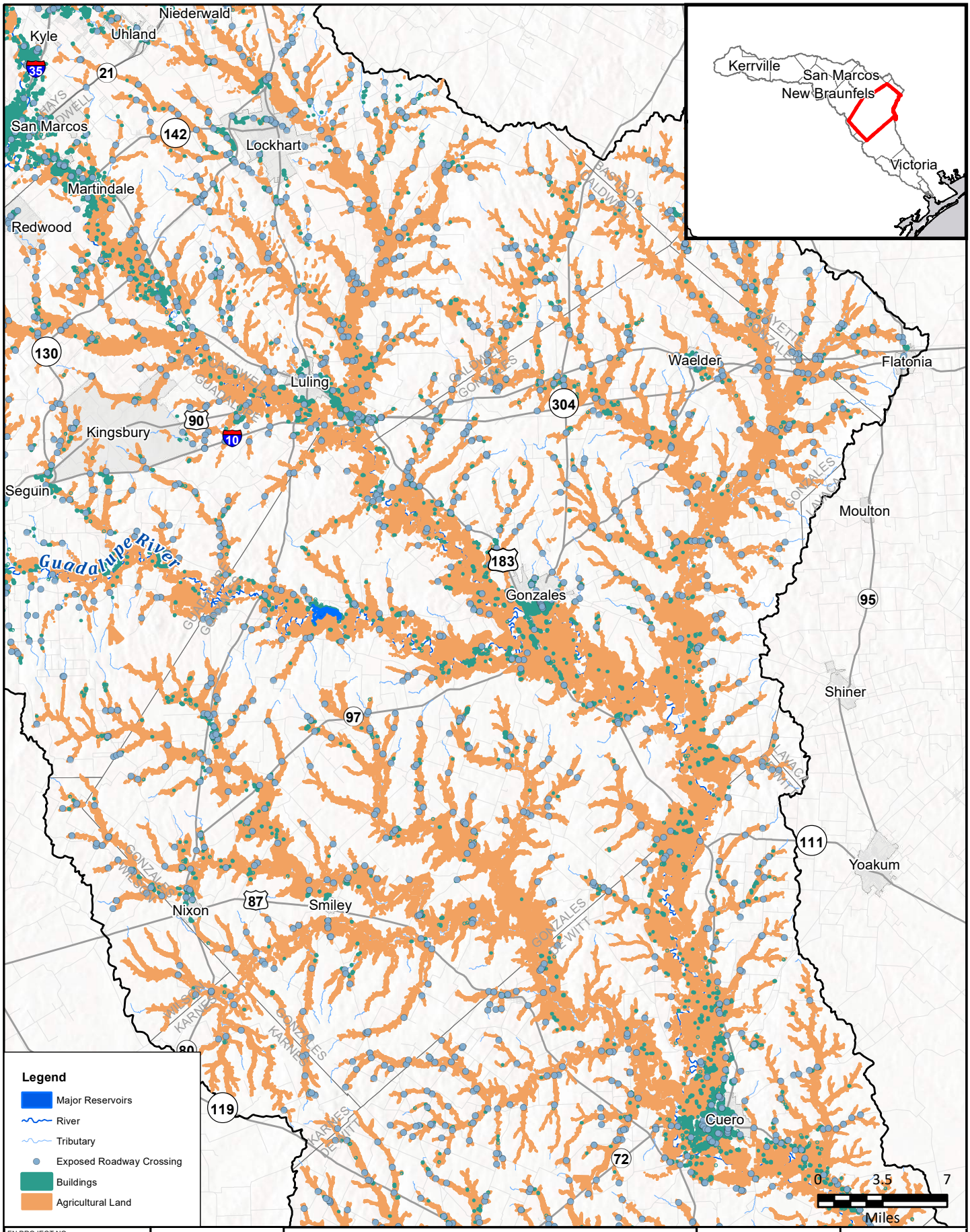

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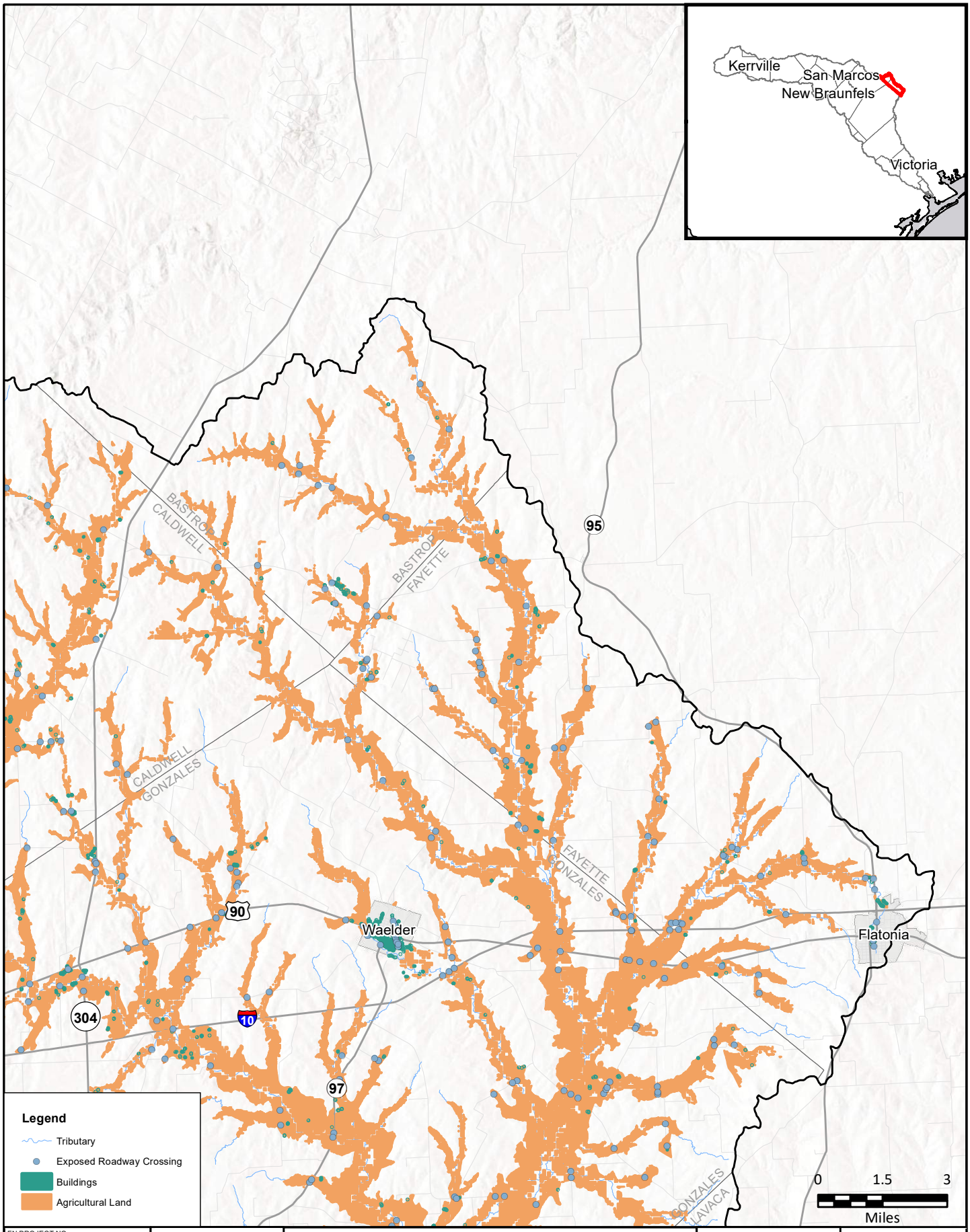
Region 11: Guadalupe

Map 11 - Future Condition Flood Exposure

Gonzales County

N W E S

FIGURE
9 of 14



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Map 11 - Future Condition Flood Exposure

Bastrop & Fayette Counties

N W E S

FIGURE

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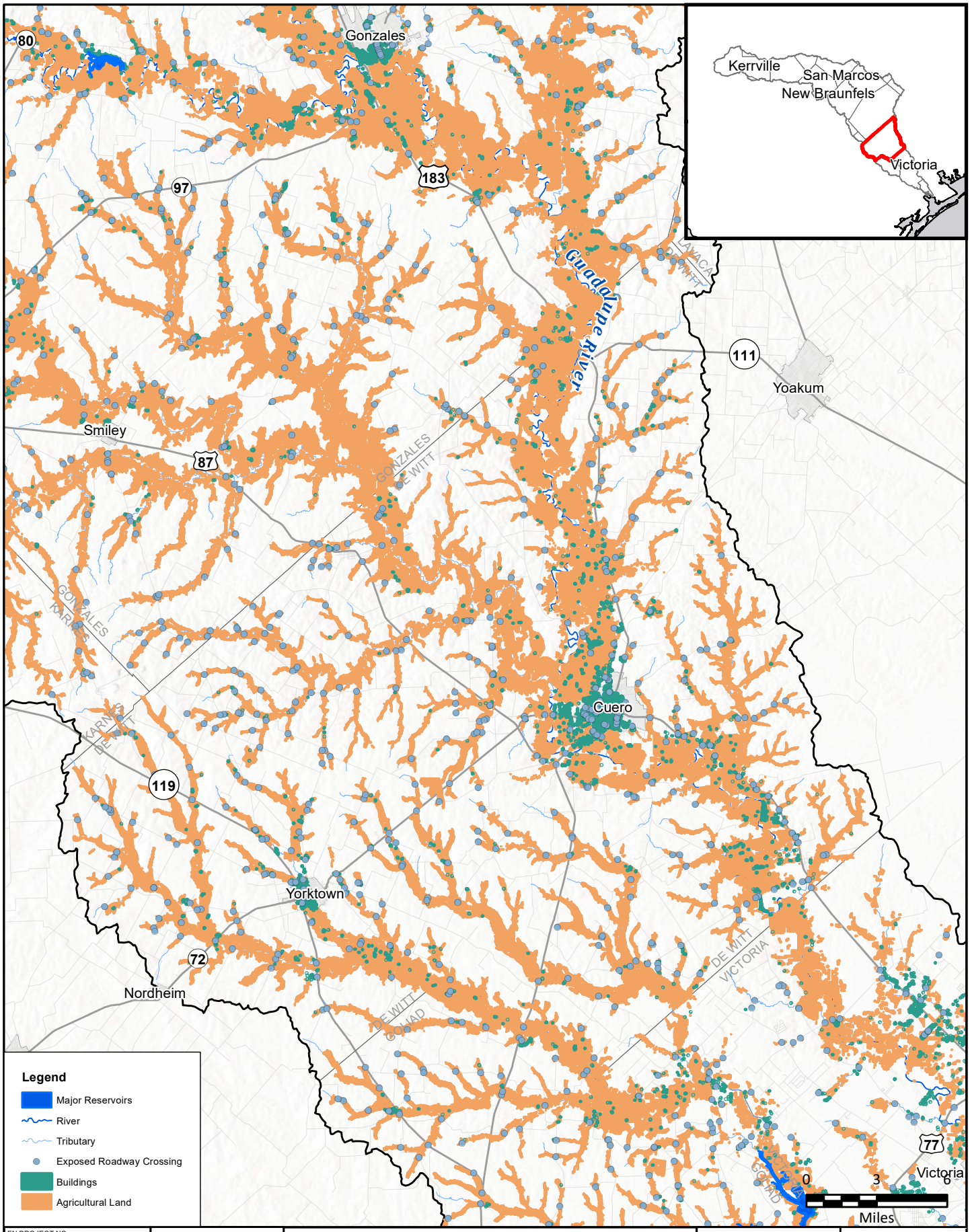

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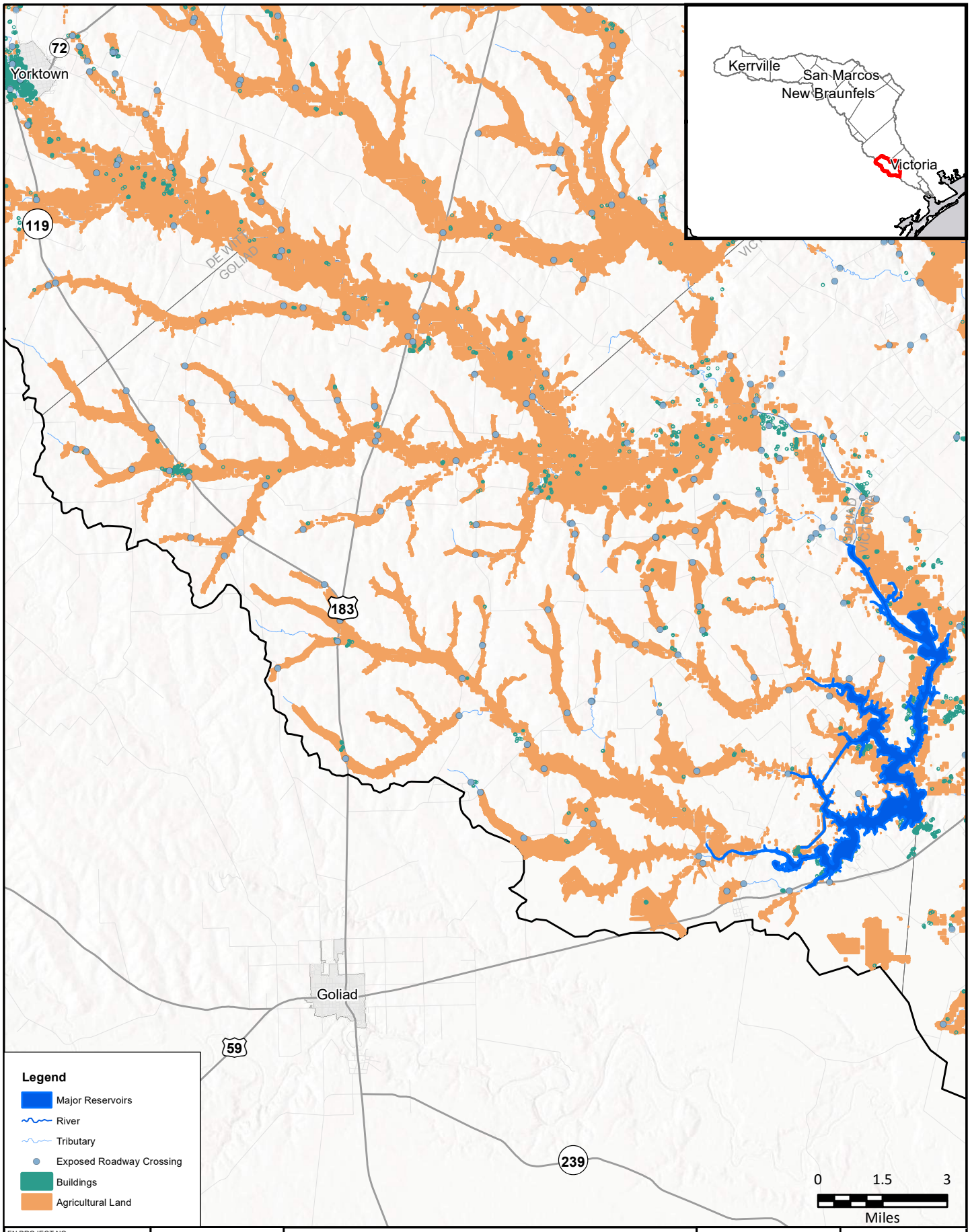
Region 11: Guadalupe

Map 11 - Future Condition Flood Exposure

De Witt County

N W E S

FIGURE
11 of 14



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Region 11: Guadalupe

Map 11 - Future Condition Flood Exposure

Goliad County

N W E S

FIGURE

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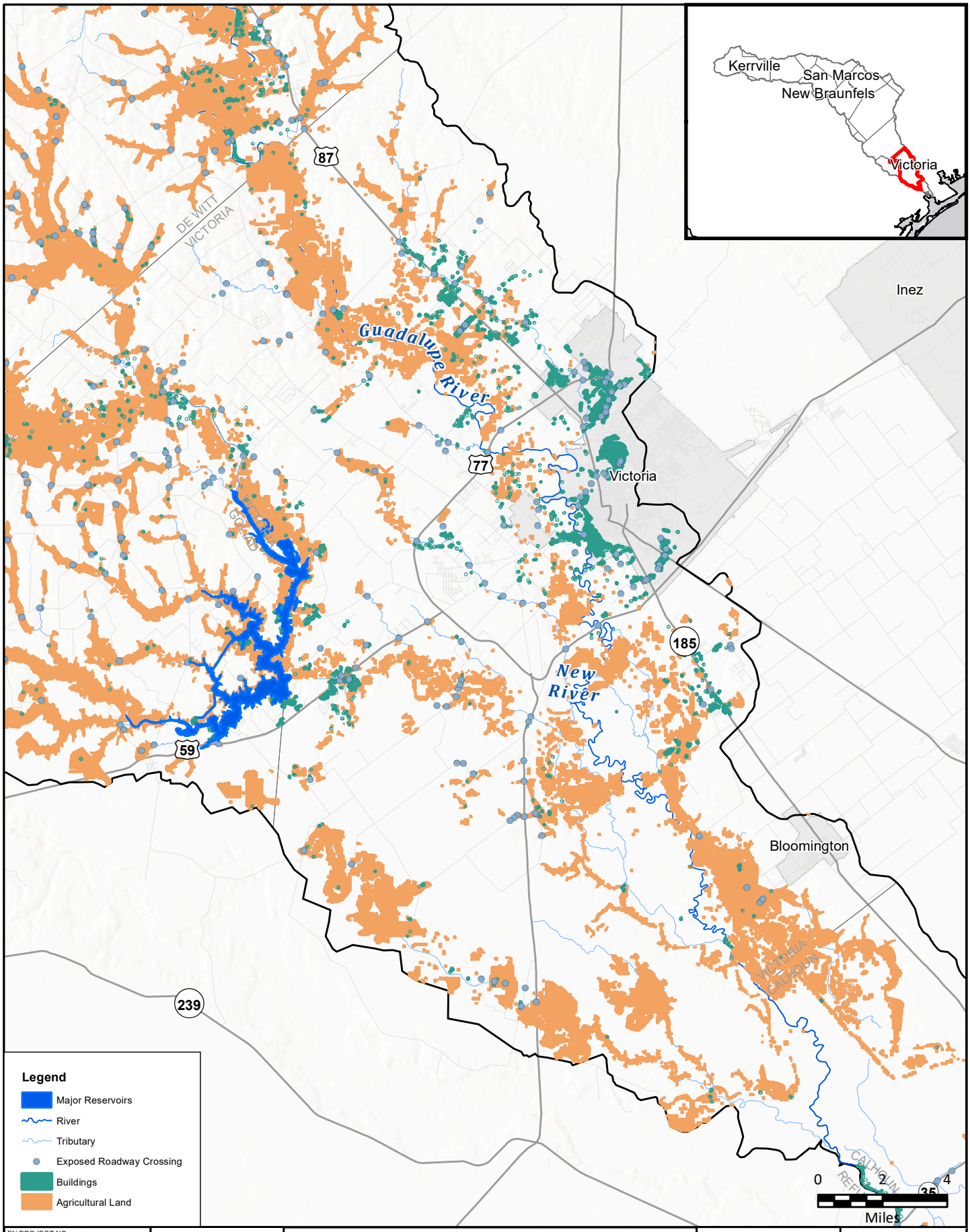

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Region 11: Guadalupe

Map 11 - Future Condition Flood Exposure

Victoria County

N W E S

FIGURE

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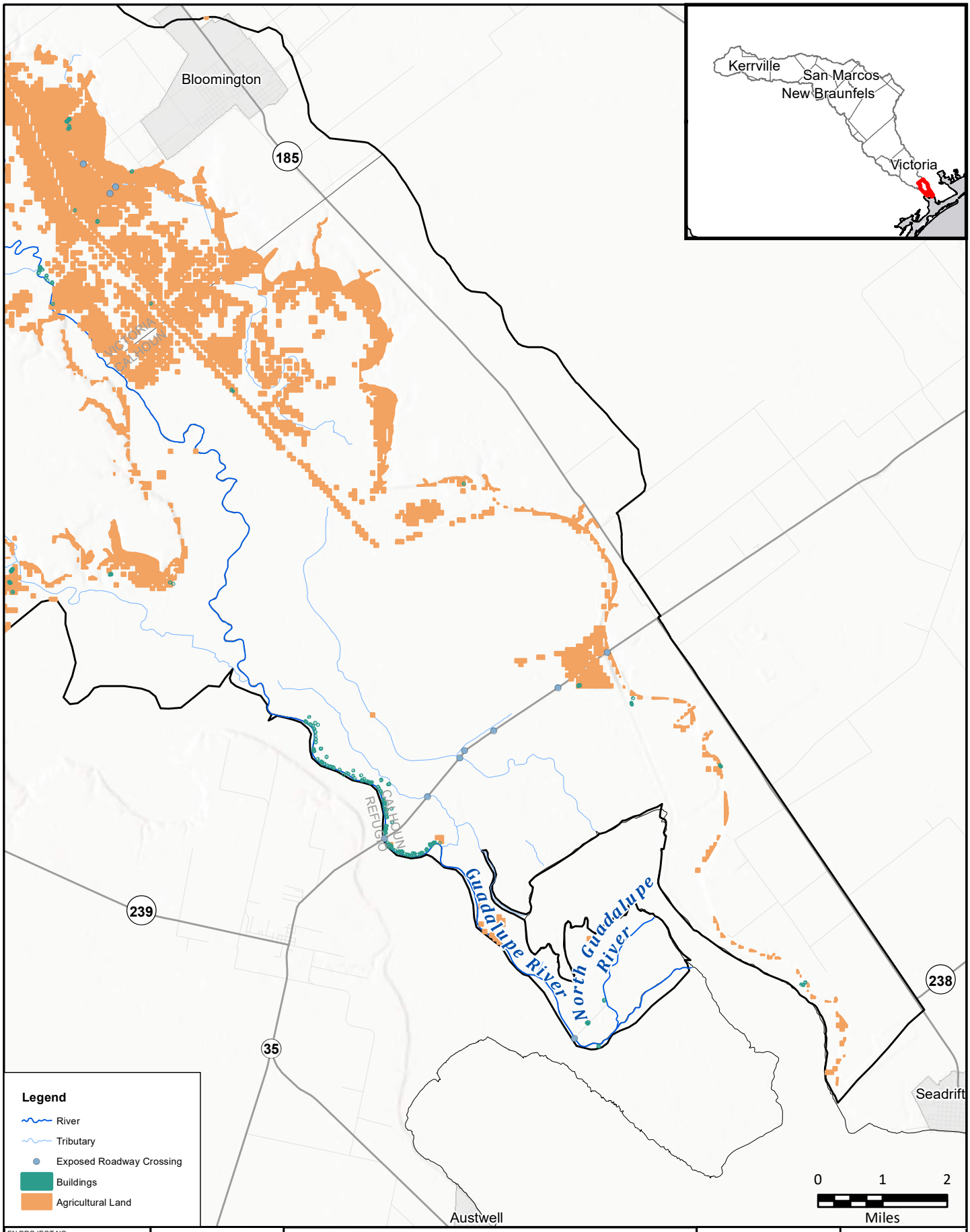

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REGION 11 GUADALUPE REGIONAL FLOOD PLANNING GROUP

FREESE AND NICHOLS

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Region 11: Guadalupe

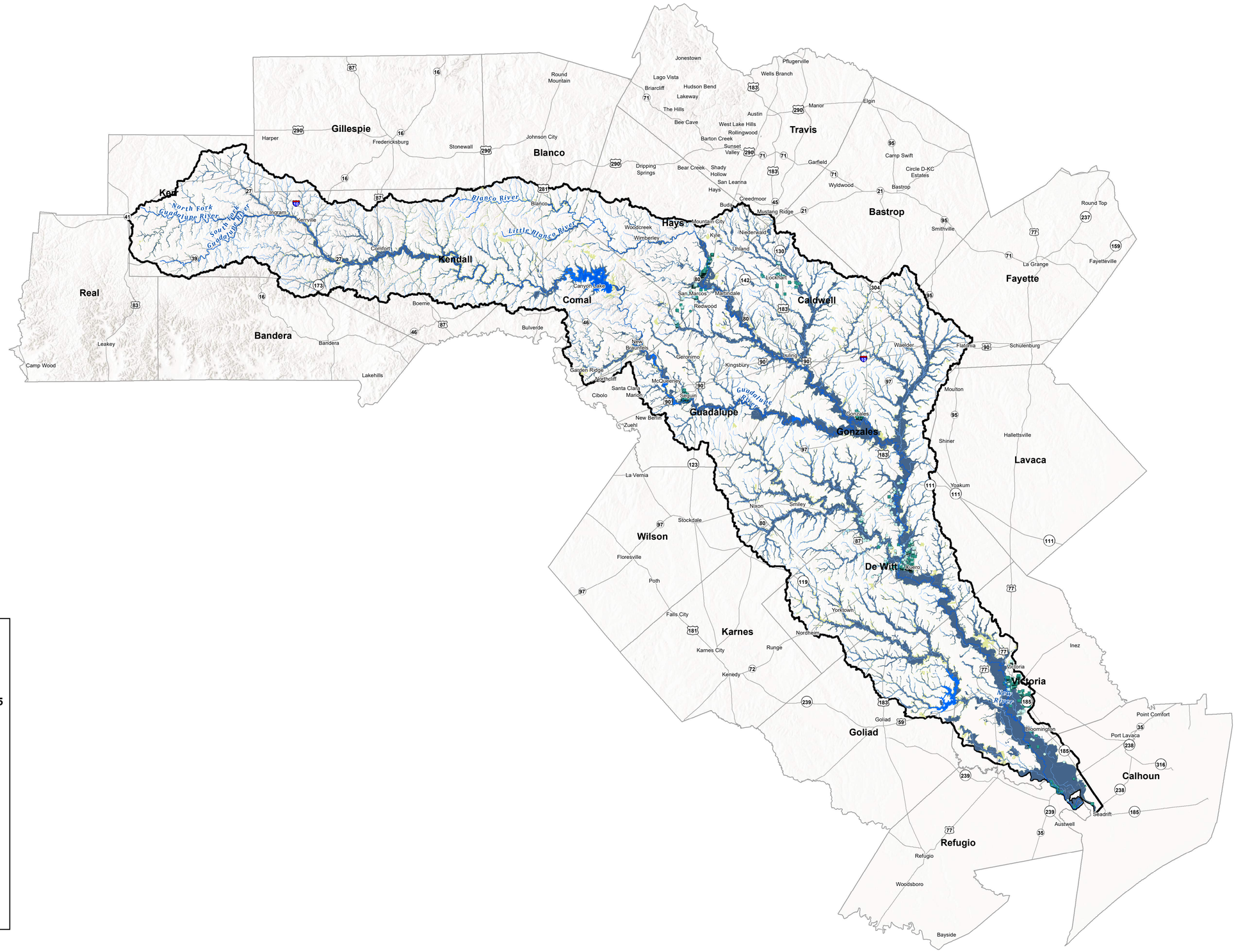
Map 11 - Future Condition Flood Exposure

Calhoun County

N W E S

FIGURE
14 of 14

Map 12: Future Condition Flood Vulnerability including Critical Infrastructure



Legend

- Major Reservoirs
- River
- Tributary

Exposed Features with SVI > 0.75

- Agricultural Bldg
- Commercial Bldg
- Industrial Bldg
- Public Bldg
- Residential Bldg
- Vacant or Unknown Bldg

0.2 Flood Hazard

- Coastal
- Riverine

1.0 Flood Hazard

- Coastal
- Riverine
- Flood Planning Region

0 4.5 9 Miles

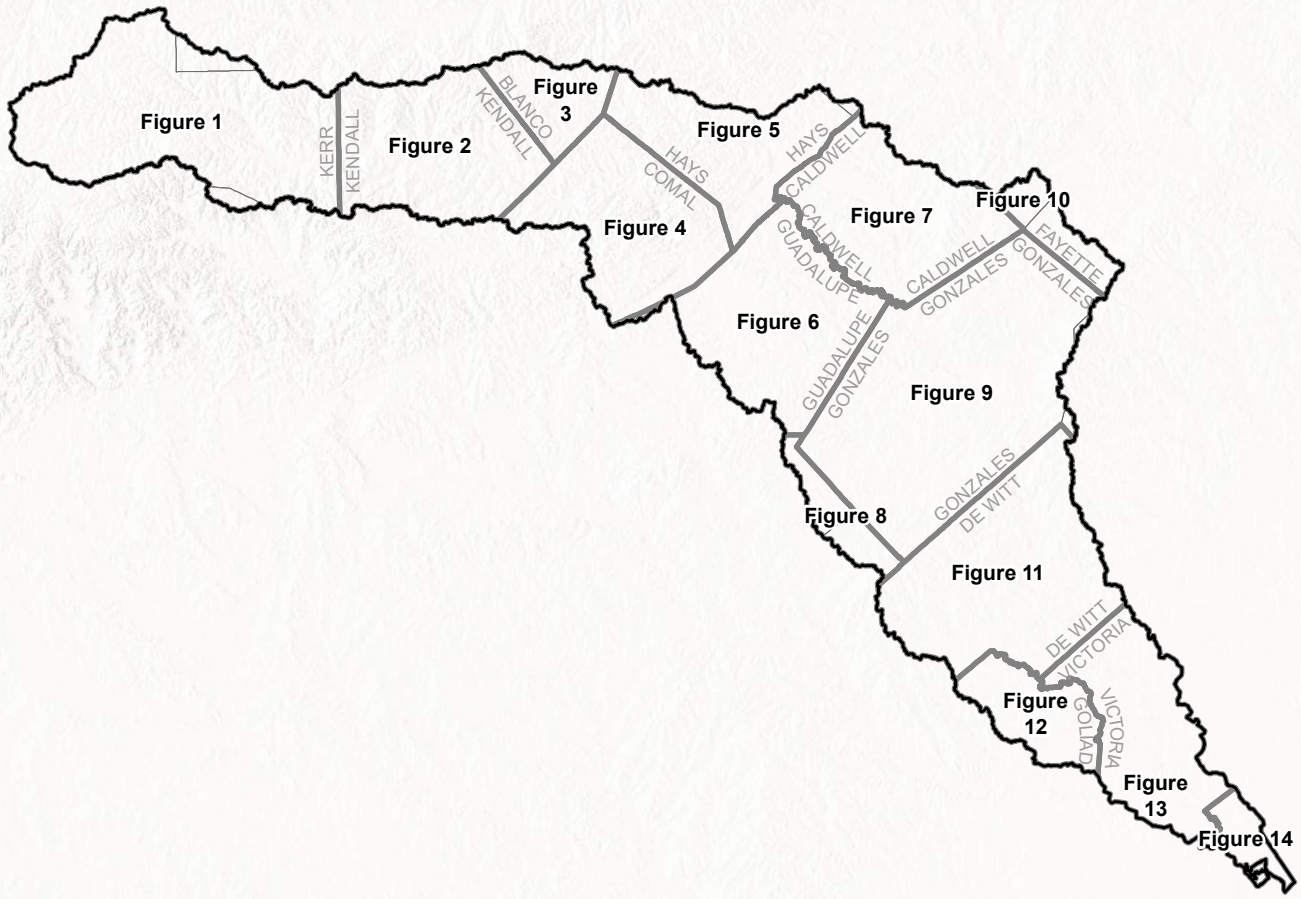
Region 11 Guadalupe
Freese and Nichols, Inc.
Office: (512) 617-3100

Map 12 Region - Future Vulnerability

Region 11: Guadalupe

FN JOB NO	GBA21362
FILE	12_FutureVulnerabilityRegion
DATE	12/15/2022
SCALE	1 in = 9 miles
DRAFTED	02405

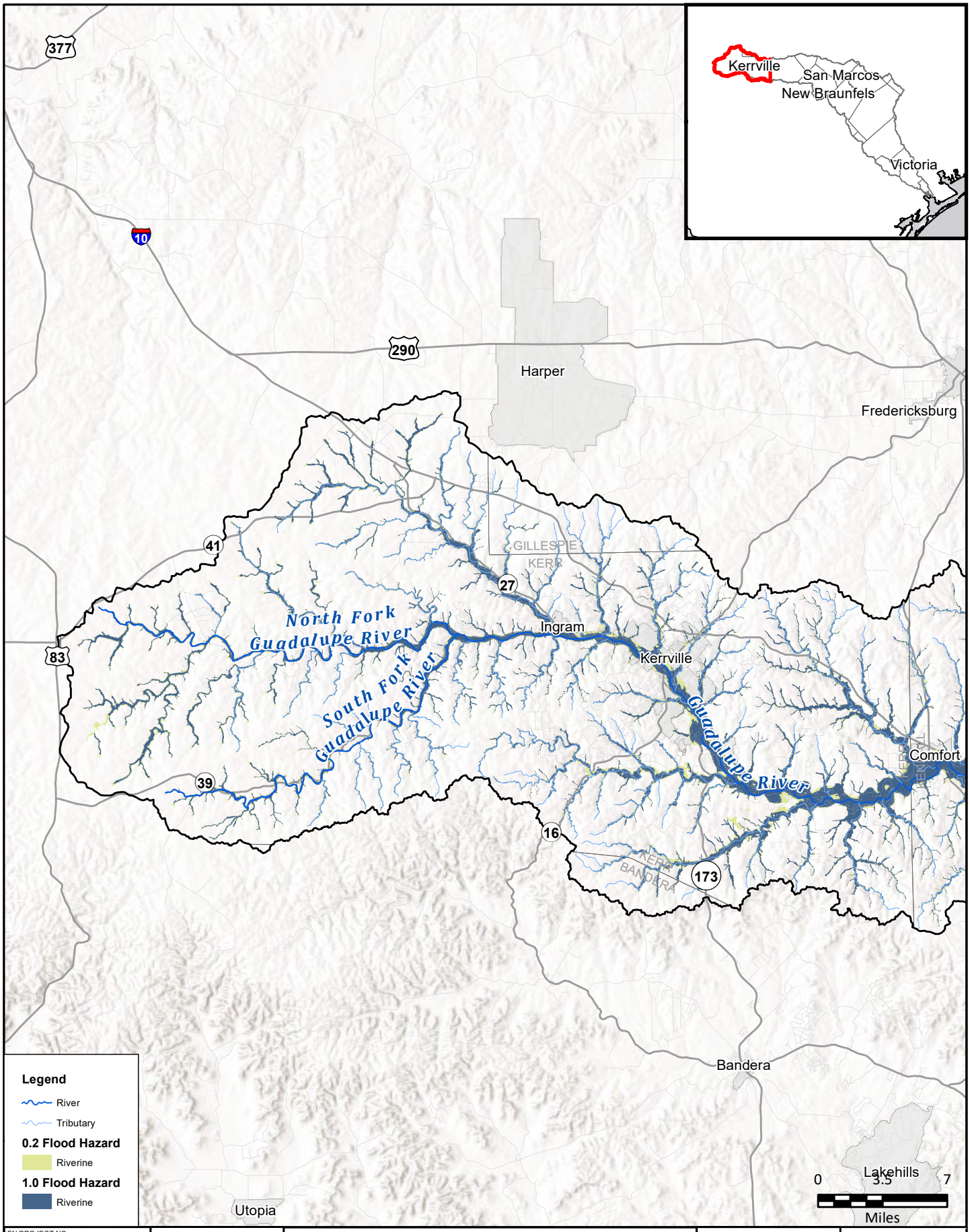
Map 12



0 13.5 27

Miles

FN PROJECT NO. GBA21362 DATE CREATED Date: 12/15/2022 DATUM & COORDINATE SYSTEM NAD 1983 2011 Texas Centric Mapping System Lambert FILE NAME Name: 12_FutureVulnerability_Index PREPARED BY 02405	REGION 11 GUADALUPE REGIONAL FLOOD PLANNING GROUP FREESE AND NICHOLS FREESE AND NICHOLS, INC. 10431 MORADO CIRCLE BUILDING 5, SUITE 300 AUSTIN, TEXAS 78759 OFFICE: (512) 617-3100	Region 11: Guadalupe Map 12 Index - Future Vulnerability **Index Map**	N W E S	FIGURE Index



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OFFICE: (512) 617-3100

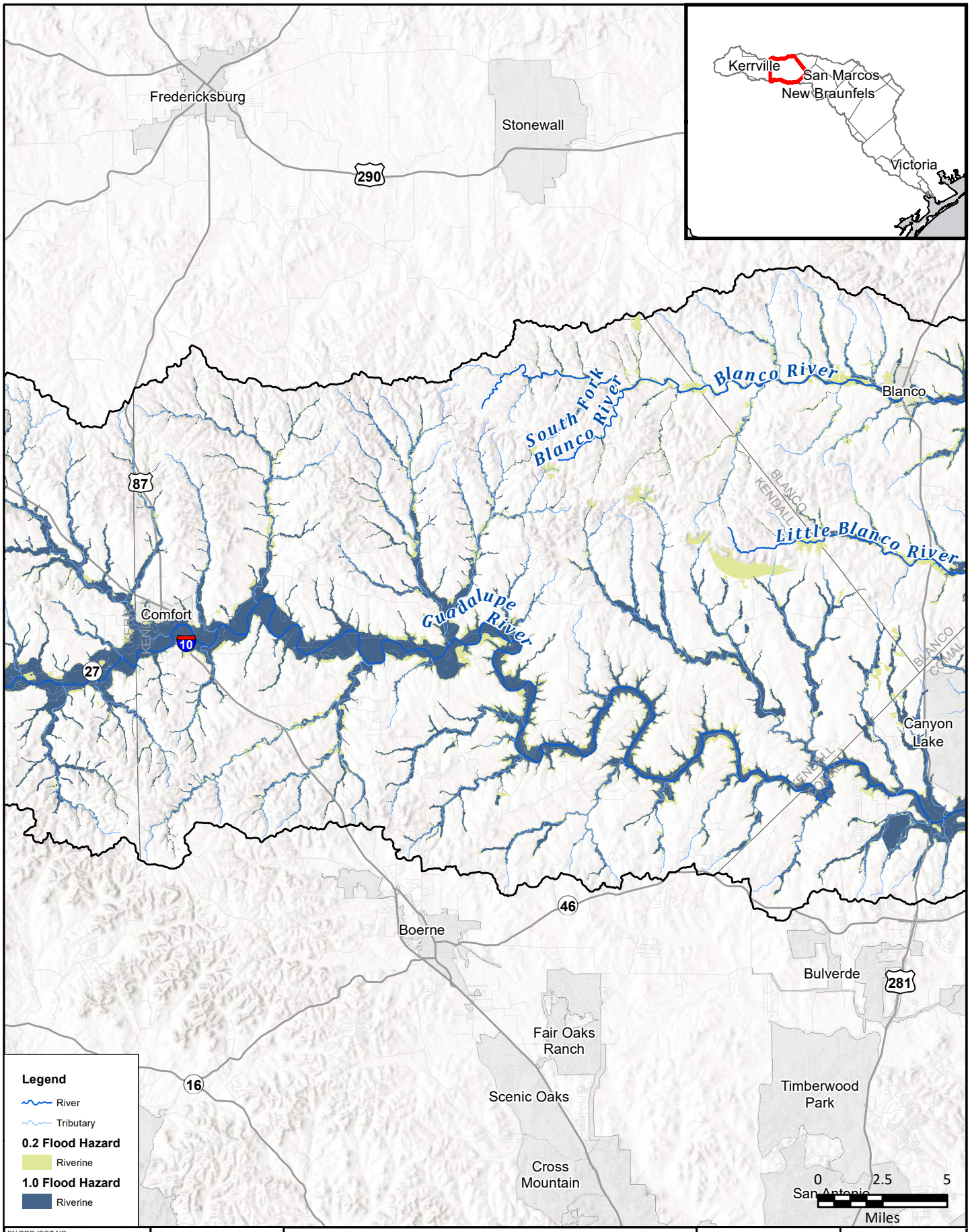
Region 11: Guadalupe

Map 12 - Future Vulnerability

Kerr County

N W E S

FIGURE
1 of 14



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FREESE AND NICHOLS

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OFFICE: (512) 617-3100

Region 11: Guadalupe

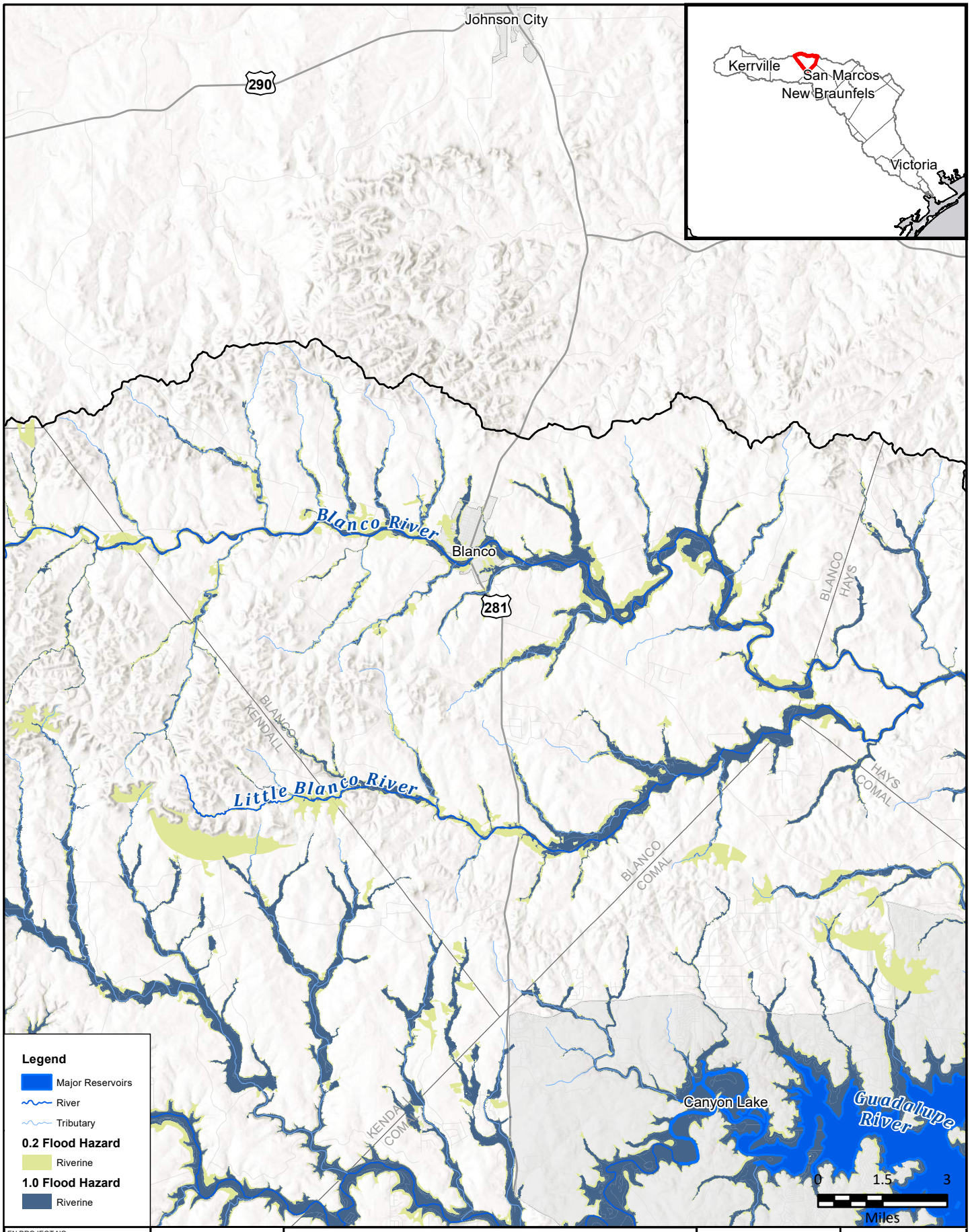
Map 12 - Future Vulnerability

Kendall County

N W E S

FIGURE

2 of 14



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Region 11: Guadalupe

Map 12 - Future Vulnerability

Blanco County

N
W
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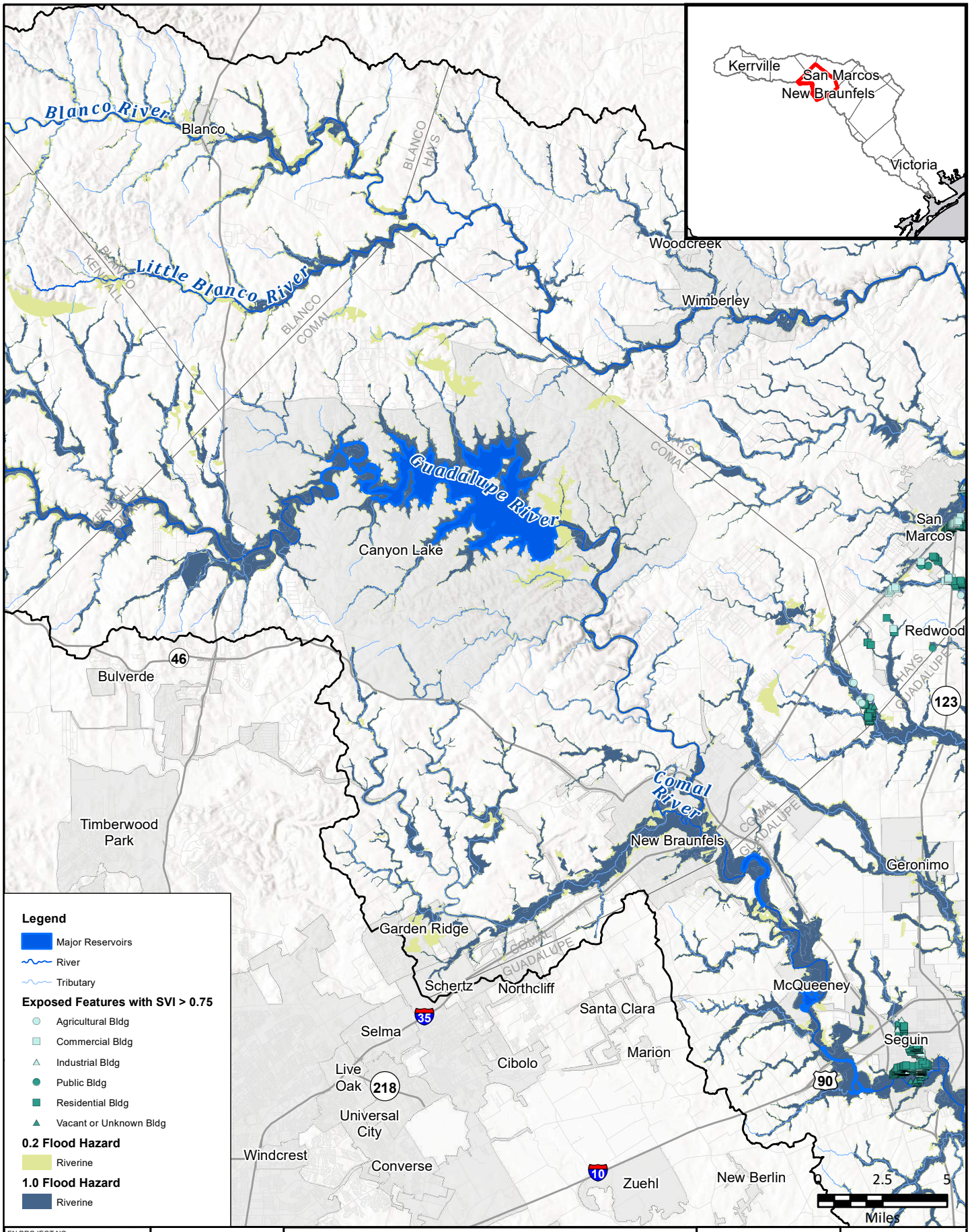
FIGURE
3 of 14



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Map 12 - Future Vulnerability

Comal County

N W E S

FIGURE

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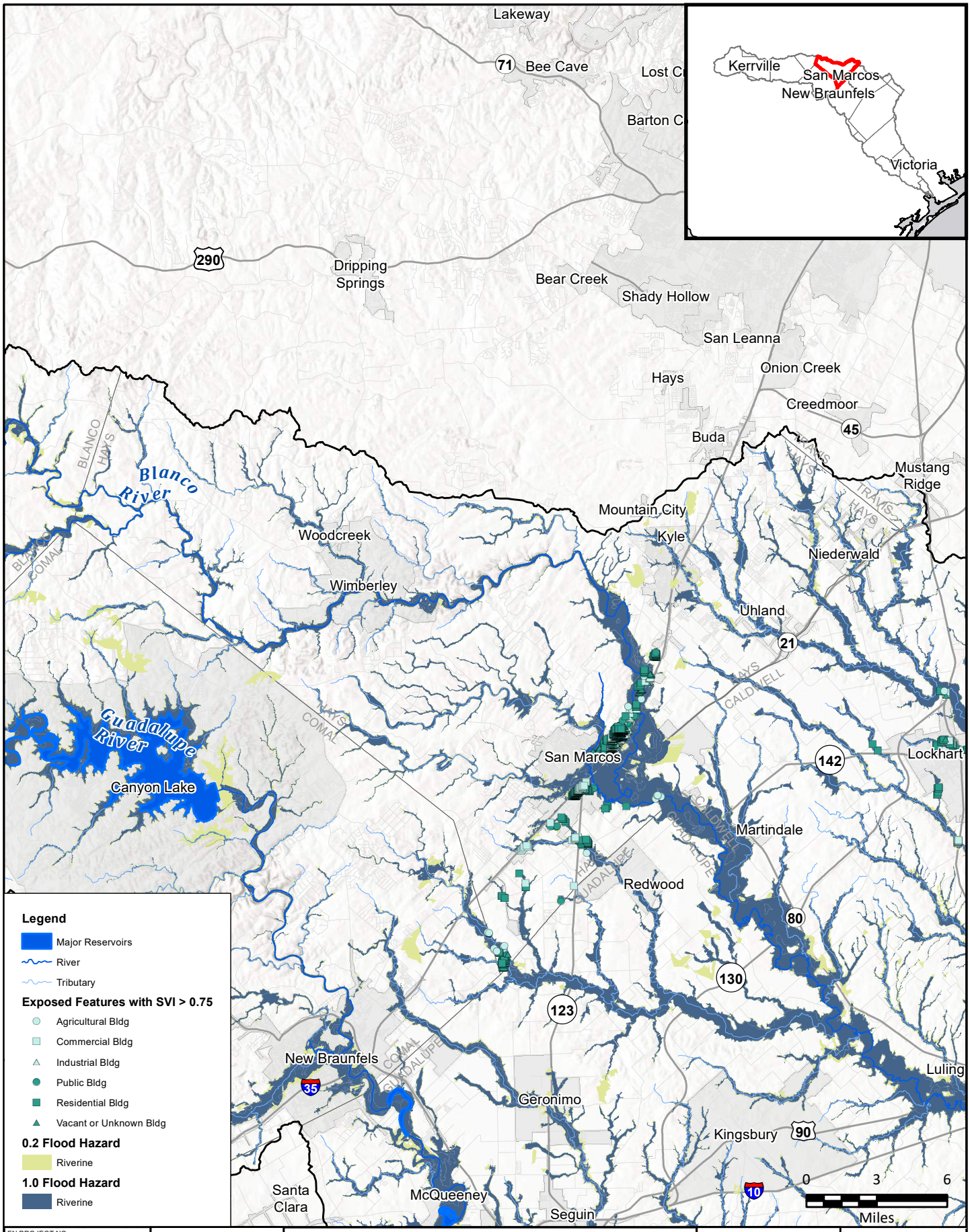

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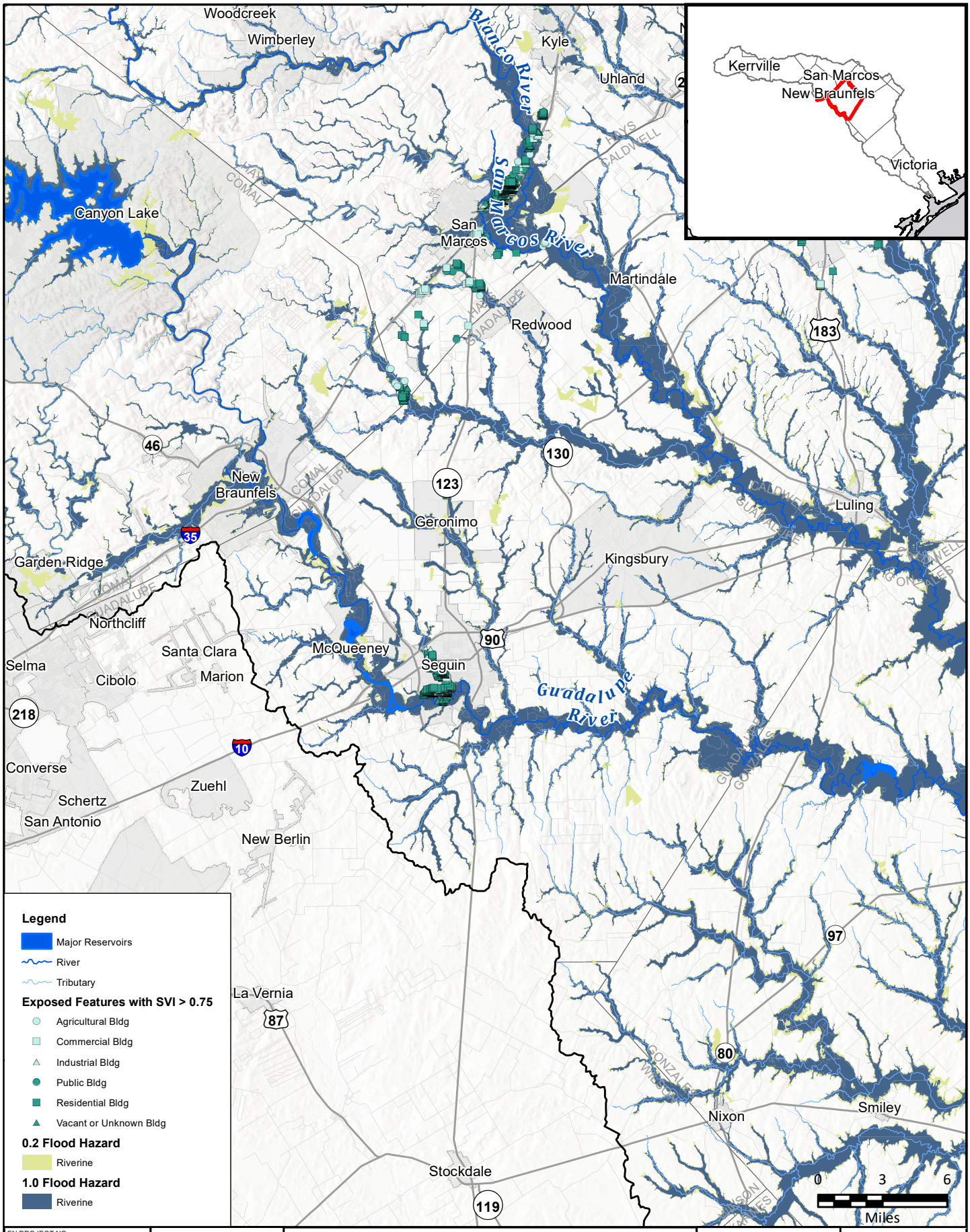
Map 12 - Future Vulnerability

Hays County

N W E S

FIGURE

5 of 14



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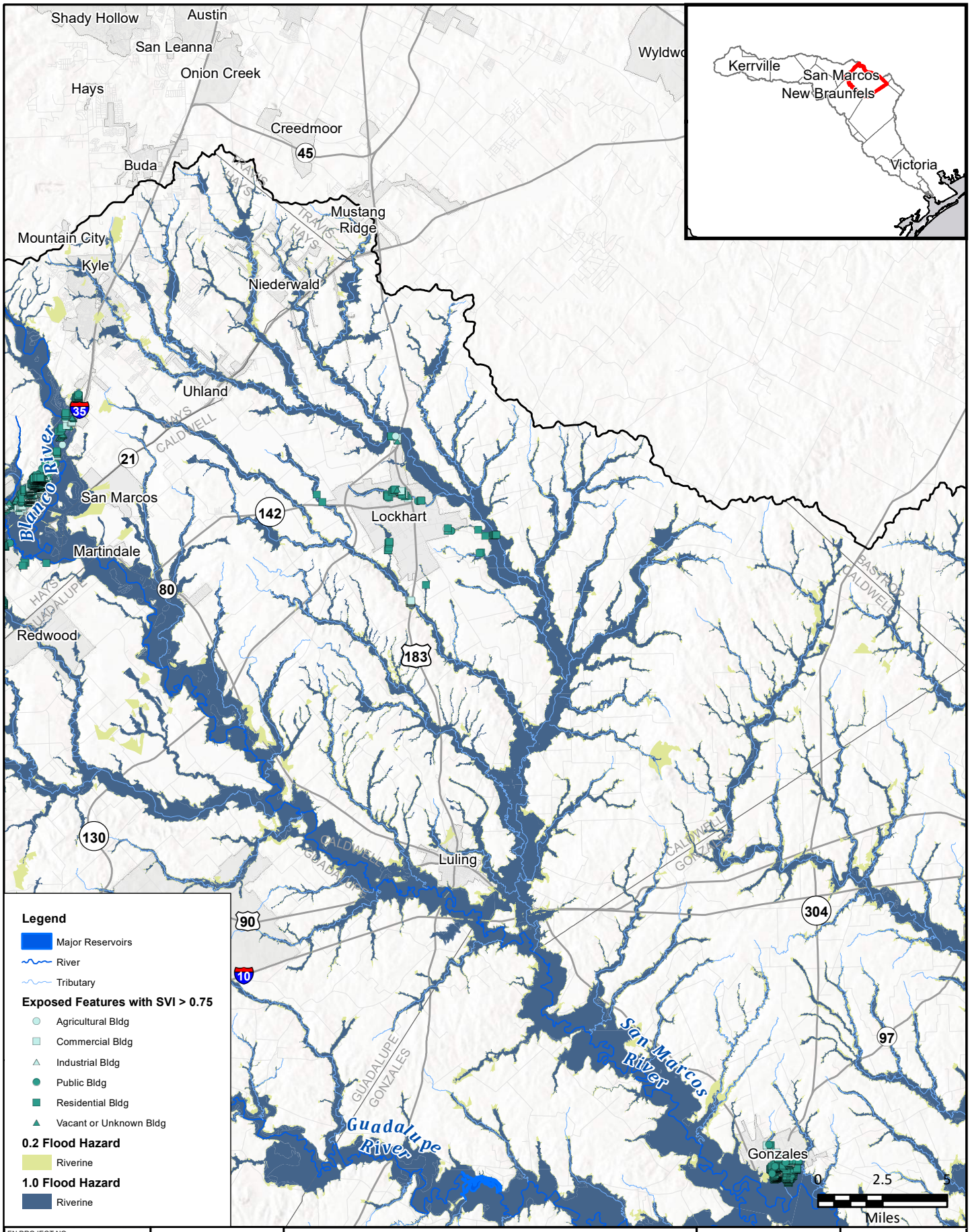
Map 12 - Future Vulnerability

Guadalupe County

N W E S

FIGURE
6 of 14



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Map 12 - Future Vulnerability

Caldwell County

N W E S

FIGURE

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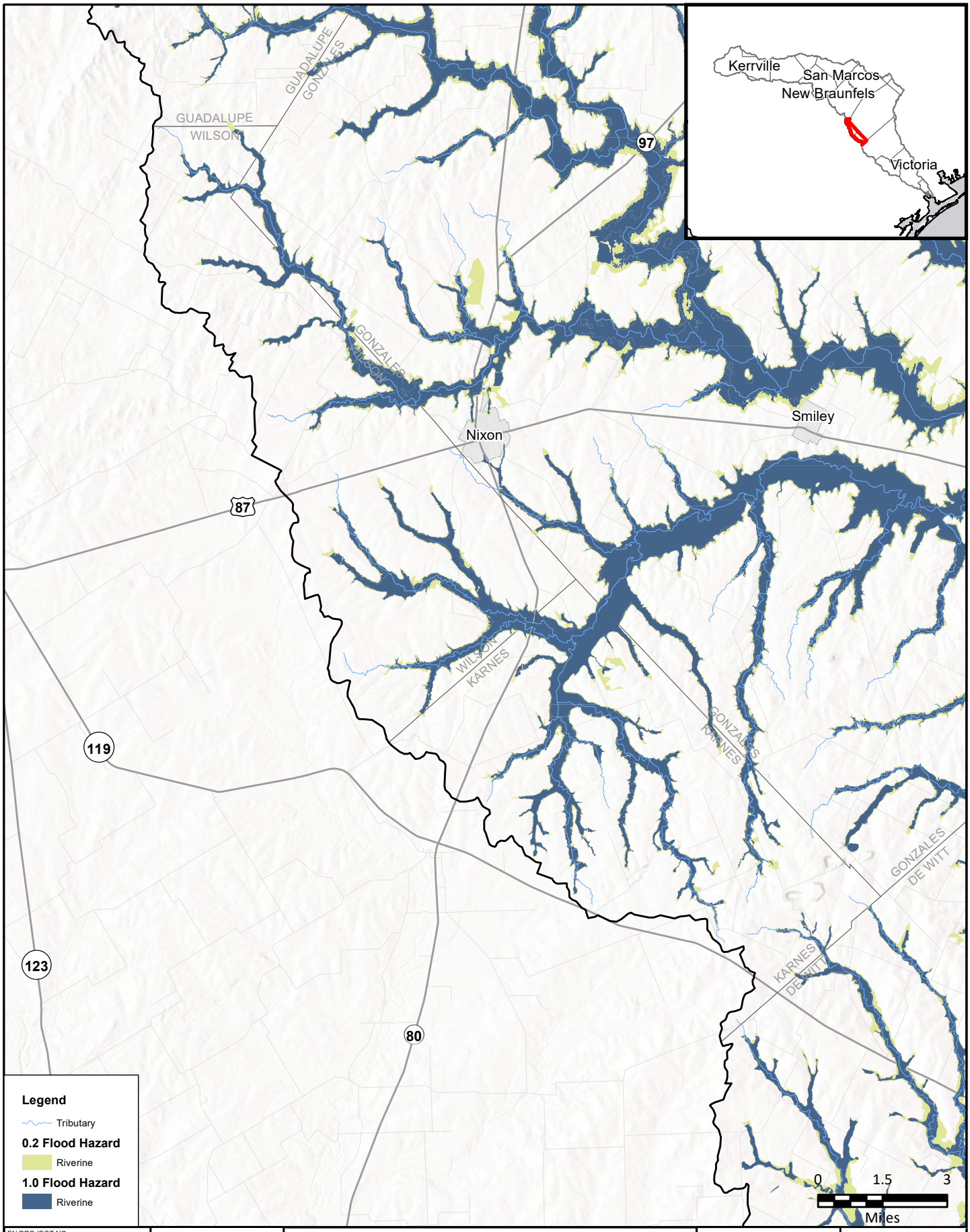

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Map 12 - Future Vulnerability

Wilson & Karnes Counties

N
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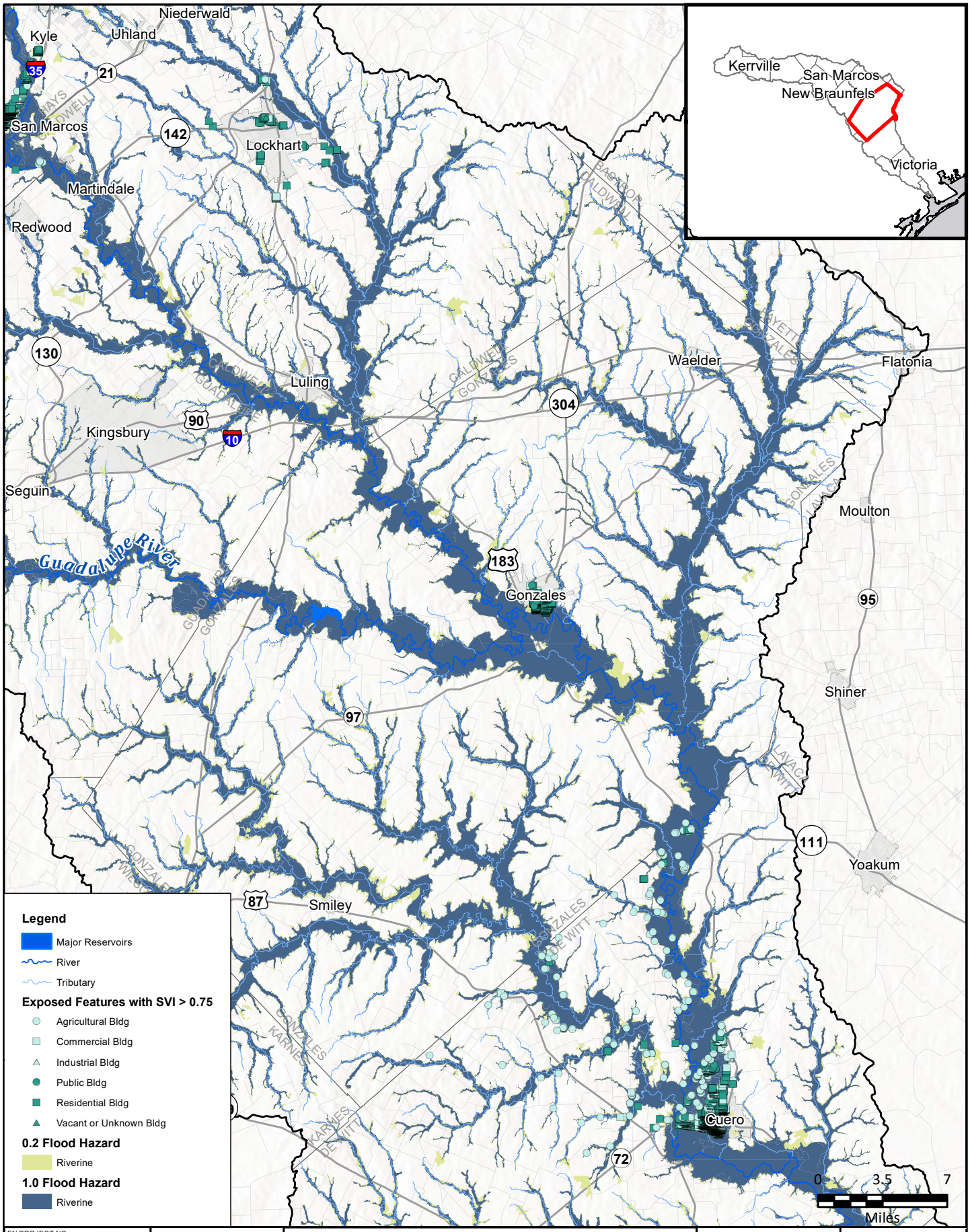
FIGURE
8 of 14



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Map 12 - Future Vulnerability

Gonzales County

N W E S

FIGURE
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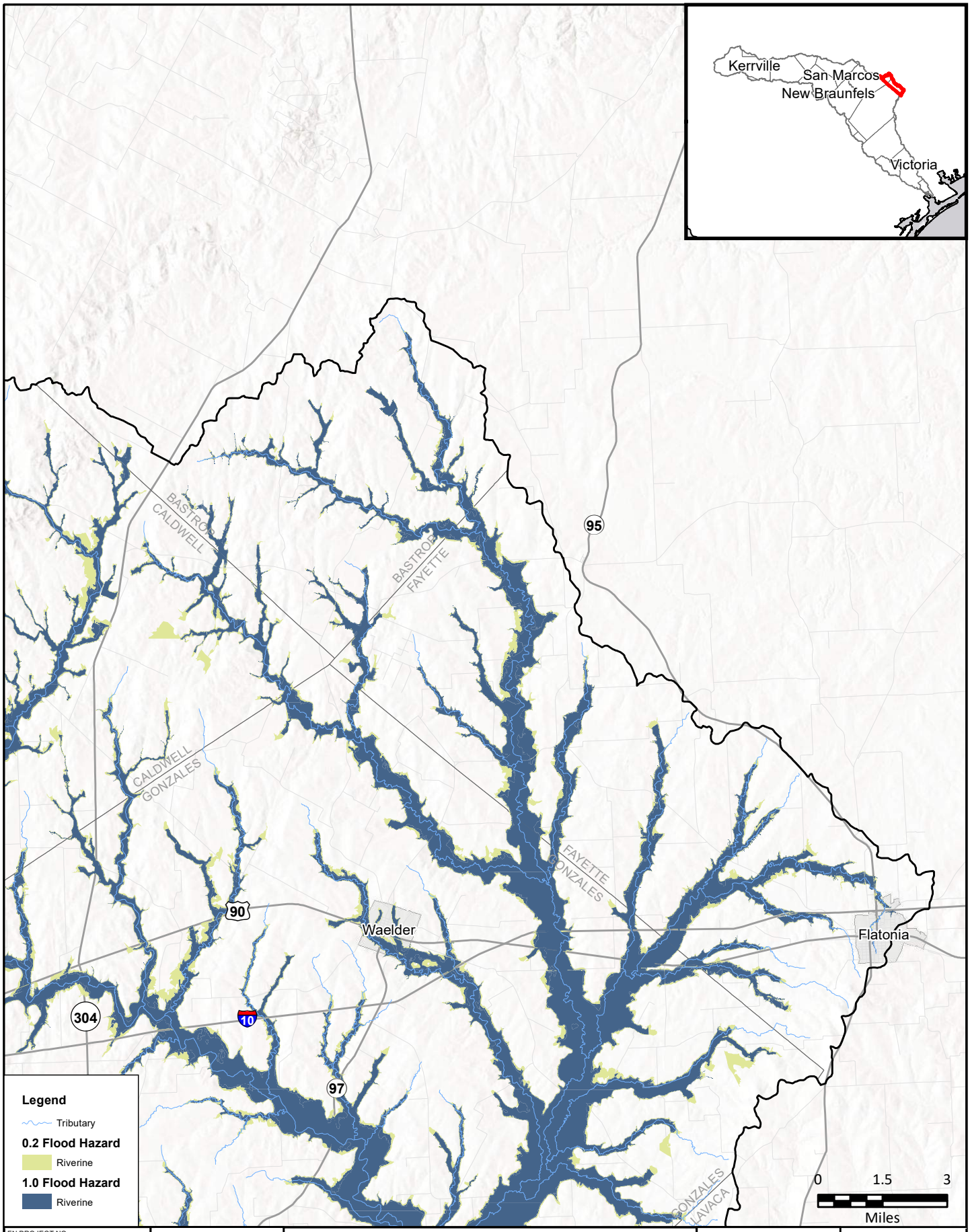

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Map 12 - Future Vulnerability

Bastrop & Fayette Counties

N
W
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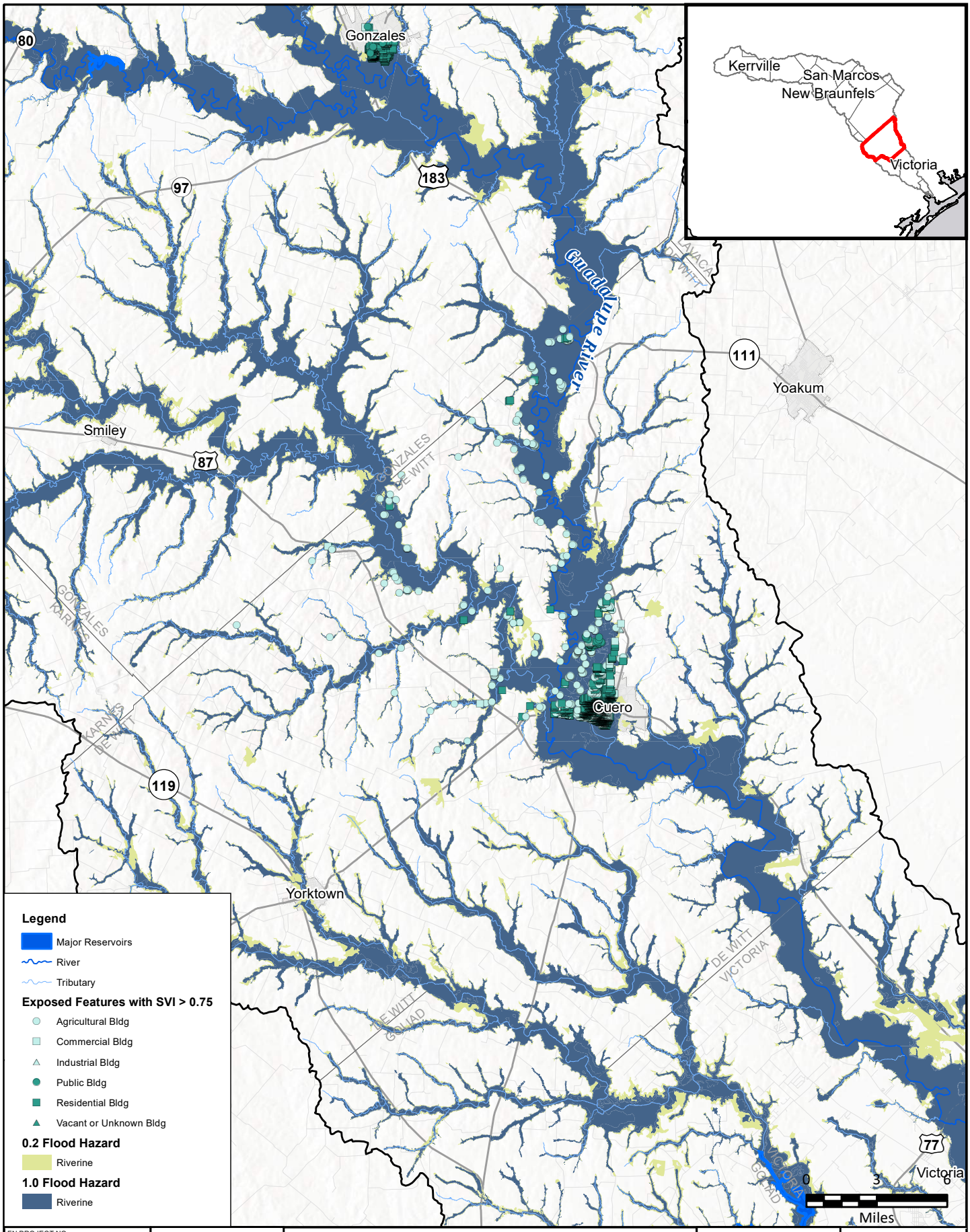
FIGURE
10 of 14



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Map 12 - Future Vulnerability

De Witt County

N W E S

FIGURE

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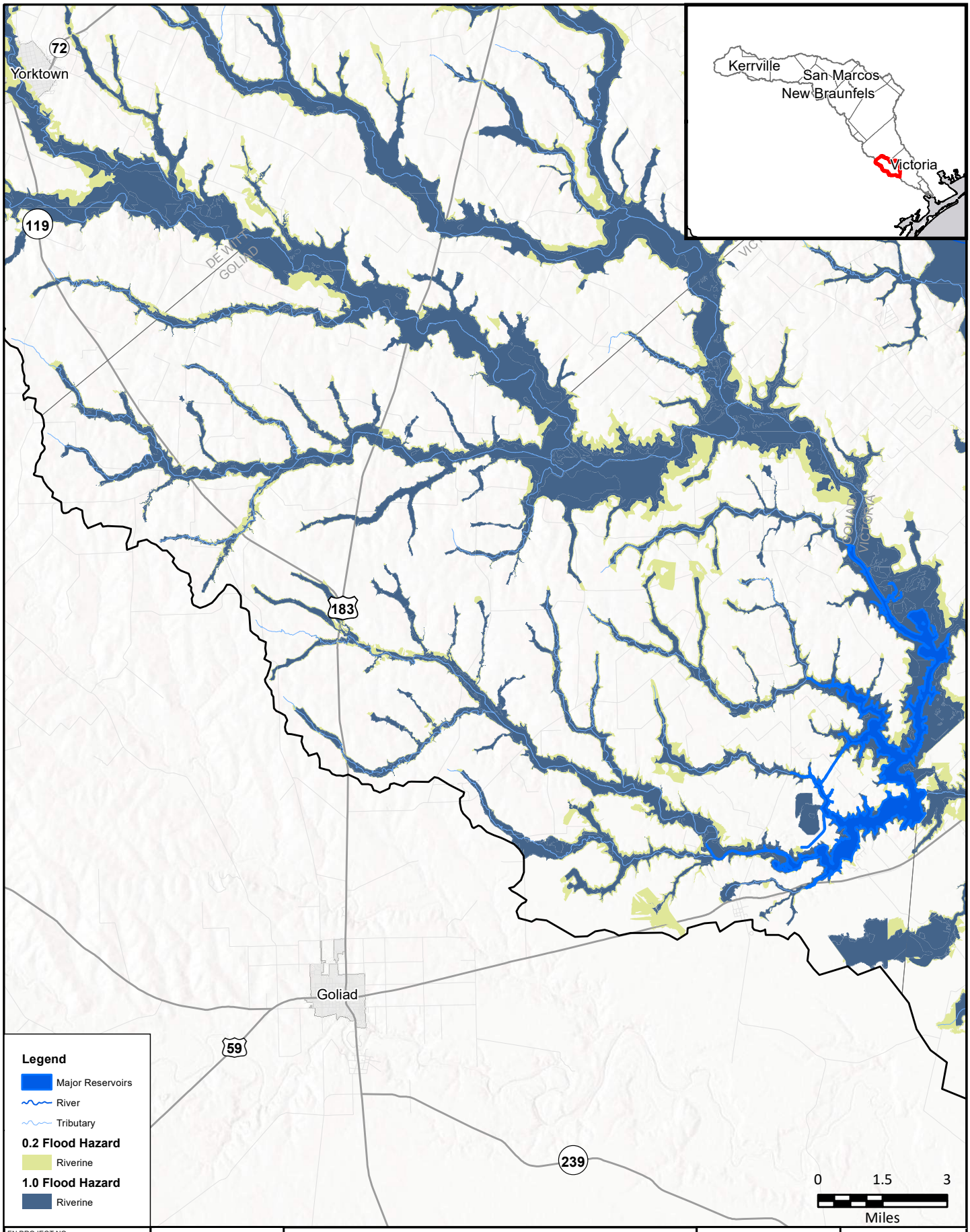

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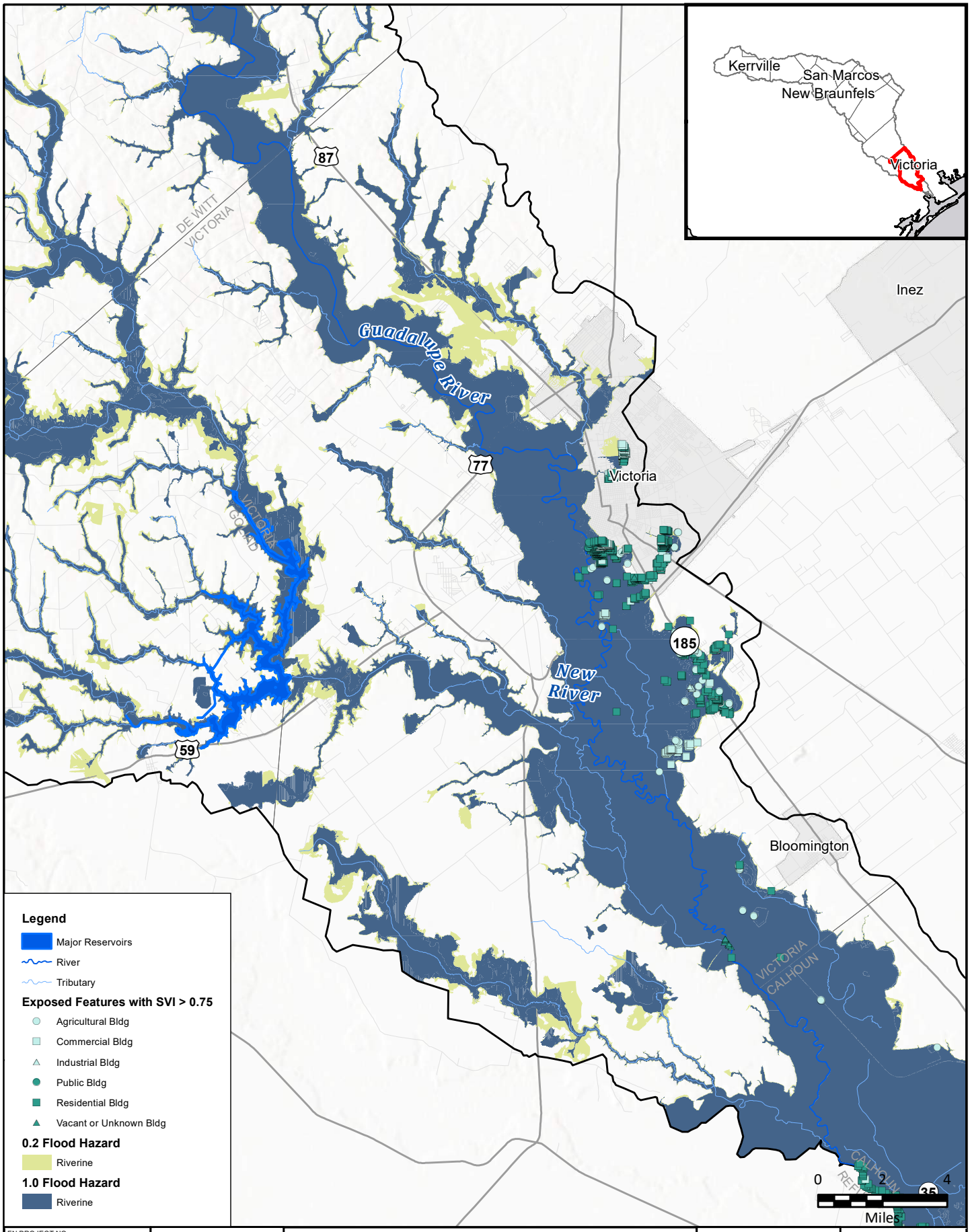
Map 12 - Future Vulnerability

Goliad County

N W E S

FIGURE
12 of 14



FN PROJECT NO.	GBA21362
DATE CREATED	Date: 12/15/2022
DATUM & COORDINATE SYSTEM	NAD 1983 2011 Texas Centric Mapping System Lambert
FILE NAME	Name: 12_FutureVulnerabilityMB
PREPARED BY	02405

REGION 11 GUADALUPE REGIONAL FLOOD PLANNING GROUP
FREESE AND NICHOLS
FREESE AND NICHOLS, INC.
10431 MORADO CIRCLE
BUILDING 5, SUITE 300
AUSTIN, TEXAS 78759
OFFICE: (512) 617-3100

Region 11: Guadalupe

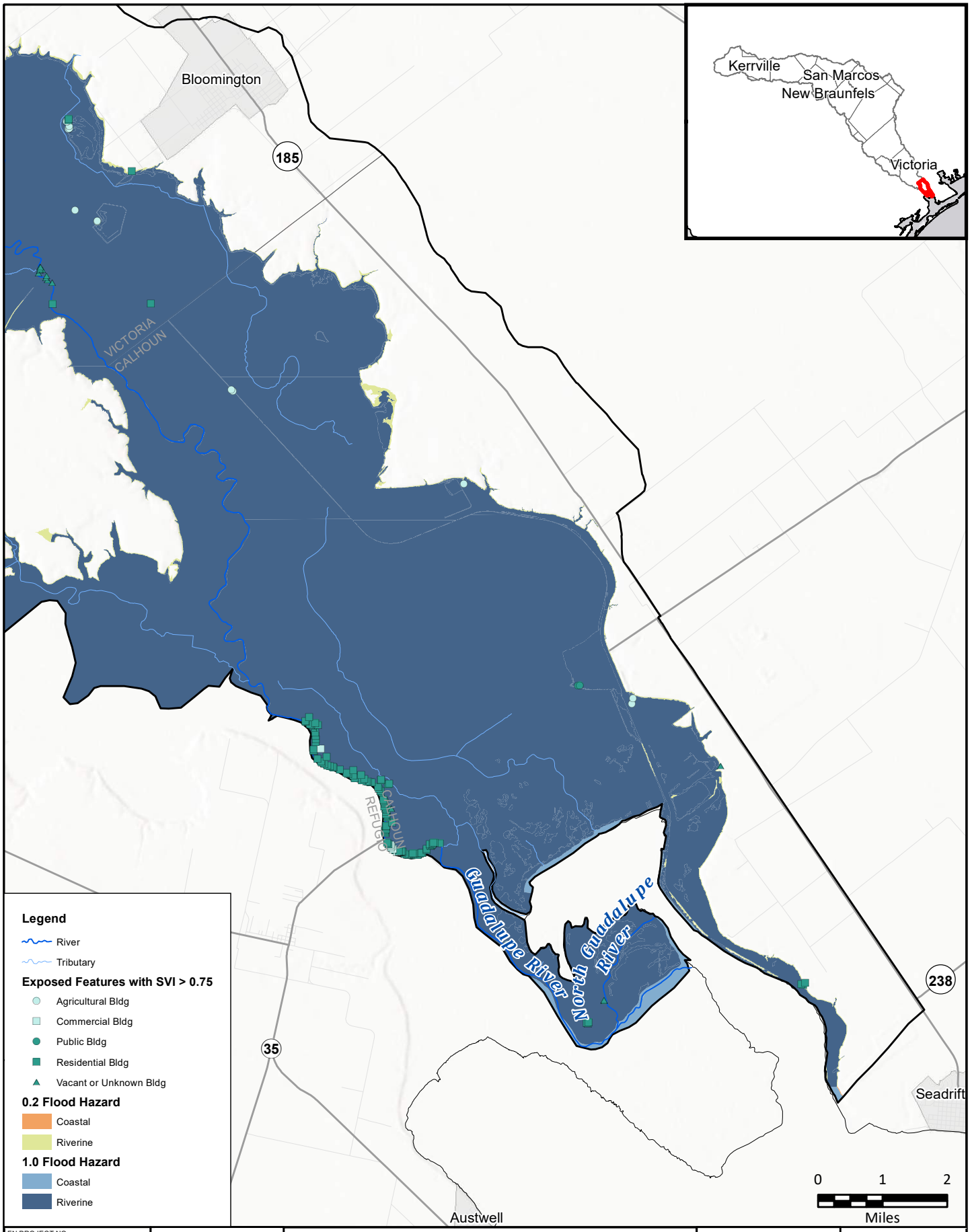
Map 12 - Future Vulnerability

Victoria County

N W E S

FIGURE

13 of 14



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OFFICE: (512) 617-3100

Region 11: Guadalupe

Map 12 - Future Vulnerability

Calhoun County

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FIGURE
14 of 14

Appendix 2-C|

List of Existing Hydrologic and Hydraulic Models

List of Models Relevant to the RFP

Tile	Software	Study Area	Sponsor	Year
Bandera County Flood Insurance Study (FIS)	HEC-HMS	Bandera County	FEMA	2020
Bandera County FIS	HEC-RAS	Bandera County	FEMA	2020
Bastrop County FIS	HEC-HMS	Bastrop County	FEMA	2016
Bastrop County FIS	HEC-RAS	Bastrop County	FEMA	2016
Blanco County FIS	HEC-HMS	Blanco County	FEMA	1991
Blanco County FIS	HEC-RAS	Blanco County	FEMA	1991
Caldwell County FIS	HEC-HMS	Caldwell County	FEMA	2020
Caldwell County FIS	HEC-RAS	Caldwell County	FEMA	2020
Calhoun County FIS	HEC-HMS	Calhoun County	FEMA	2018
Calhoun County FIS	HEC-RAS	Calhoun County	FEMA	2018
Comal County FIS	HEC-HMS	Comal County	FEMA	2009
Comal County FIS	HEC-RAS	Comal County	FEMA	2009
DeWitt County FIS	HEC-HMS	DeWitt County	FEMA	2011
DeWitt County FIS	HEC-RAS	DeWitt County	FEMA	2011
Fayette County FIS	HEC-HMS	Fayette County	FEMA	2006
Fayette County FIS	HEC-RAS	Fayette County	FEMA	2006
Gillespie County FIS	HEC-HMS	Gillespie County	FEMA	2001
Gillespie County FIS	HEC-RAS	Gillespie County	FEMA	2001
Goliad County FIS	HEC-HMS	Goliad County	FEMA	2010
Goliad County FIS	HEC-RAS	Goliad County	FEMA	2010
Gonzales County FIS	HEC-HMS	Gonzales County	FEMA	2020
Gonzales County FIS	HEC-RAS	Gonzales County	FEMA	2020
Guadalupe County FIS	HEC-HMS	Guadalupe County	FEMA	2020
Guadalupe County FIS	HEC-RAS	Guadalupe County	FEMA	2020
Hays County FIS	HEC-HMS	Hays County	FEMA	2005
Hays County FIS	HEC-RAS	Hays County	FEMA	2005
Hays County FIS FEMA PMR	HEC-HMS	Hays County	FEMA	Ongoing
Hays County FIS FEMA PMR	HEC-RAS	Hays County	FEMA	Ongoing
Karnes County FIS	HEC-HMS	Karnes County	FEMA	2010
Karnes County FIS	HEC-RAS	Karnes County	FEMA	2010
Kendall County FIS	HEC-HMS	Kendall County	FEMA	2020
Kendall County FIS	HEC-RAS	Kendall County	FEMA	2020
Kerr County FIS	HEC-HMS	Kerr County	FEMA	2020
Kerr County FIS	HEC-RAS	Kerr County	FEMA	2020
Lavaca County FIS	HEC-HMS	Lavaca County	FEMA	2010
Lavaca County FIS	HEC-RAS	Lavaca County	FEMA	2010
Refugio County FIS	HEC-HMS	Refugio County	FEMA	2014
Refugio County FIS	HEC-RAS	Refugio County	FEMA	2014
Travis County FIS	HEC-HMS	Travis County	FEMA	2020
Travis County FIS	HEC-RAS	Travis County	FEMA	2020
City of Victoria FIS	HEC-HMS	City of Victoria	FEMA	1999
City of Victoria FIS	HEC-RAS	City of Victoria	FEMA	1999
Victoria County FIS	HEC-HMS	Victoria County	FEMA	1998
Victoria County FIS	HEC-RAS	Victoria County	FEMA	1998
Wilson County FIS	HEC-HMS	Wilson County	FEMA	2010

Tile	Software	Study Area	Sponsor	Year
Wilson County FIS	HEC-RAS	Wilson County	FEMA	2010
Annex 1 – GBRA TRN Interim Feasibility Study – Phase 1 – Hydrologic Analysis	HEC-HMS	GBRA, Luling, and Woodcreek	GBRA Annex 1	2015
Annex 1 – GBRA TRN Interim Feasibility Study – Phase 1 – Hydraulic Analysis	HEC-RAS	GBRA, Luling, and Woodcreek	GBRA Annex 1	2015
Annex 2 – GBRA TRN Interim Feasibility Study – Phase 2 – Tier 1 Hydrologic Analysis	HEC-HMS	Bear Creek, Bypass Creek, Cypress Creek, and Upper San Marcos Creek	GBRA Annex 2	2015
Annex 2 – GBRA TRN Interim Feasibility Study – Phase 2 – Tier 1 Hydraulic Analysis	HEC-RAS	Bear Creek, Bypass Creek, Cypress Creek, Dry Bear Creek, Purgatory Creek, San Marcos Creek, and Willow Springs Creek	GBRA Annex 2	2015
Annex 2 – GBRA TRN Interim Feasibility Study – Phase 2 – Tier 2 Hydrologic Analysis	HEC-HMS	Plum Creek	GBRA Annex 2	2015
Annex 2 – GBRA TRN Interim Feasibility Study – Phase 2 – Tier 2 Hydraulic Analysis	HEC-RAS	Andrews Porter Creek, Boggy Creek, Brushy Creek (Trib 1, Trib 1A), Bunton Branch, Clear Fork Plum, Elm Creek, Mebane Creek, Plum Creek (Trib 1, Trib 2, and Trib 3), and Town Branch Creek	GBRA Annex 2	2015
Annex 2 – GBRA TRN Interim Feasibility Study – Phase 2 – Tier 3 Hydrologic Analysis	HEC-HMS	Mays Creek, Peach Creek, and Spring Creek	GBRA Annex 2	2015
Annex 2 – GBRA TRN Interim Feasibility Study – Phase 2 – Tier 3 Hydraulic Analysis	HEC-RAS	Baldridge and Tribs, Mays Creek, Peach Creek, and Spring Creek	GBRA Annex 2	2015
Annex 3 – GBRA FPP Study – Phase 3 Final Report – Hydrologic Analysis	HEC-HMS	Cypress Trib 1, Loneman Smith, Plum Trib 3, Plum Trib 3, and Wilson Creek	GBRA Annex 3	2015
Annex 3 – GBRA FPP Study – Phase 3 Final Report – Hydraulic Analysis	HEC-RAS	Cypress Trib 1, Loneman Creek, Plum Trib 3, Smith Creek, Wilson Creek, and Zone A	GBRA Annex 3	2015

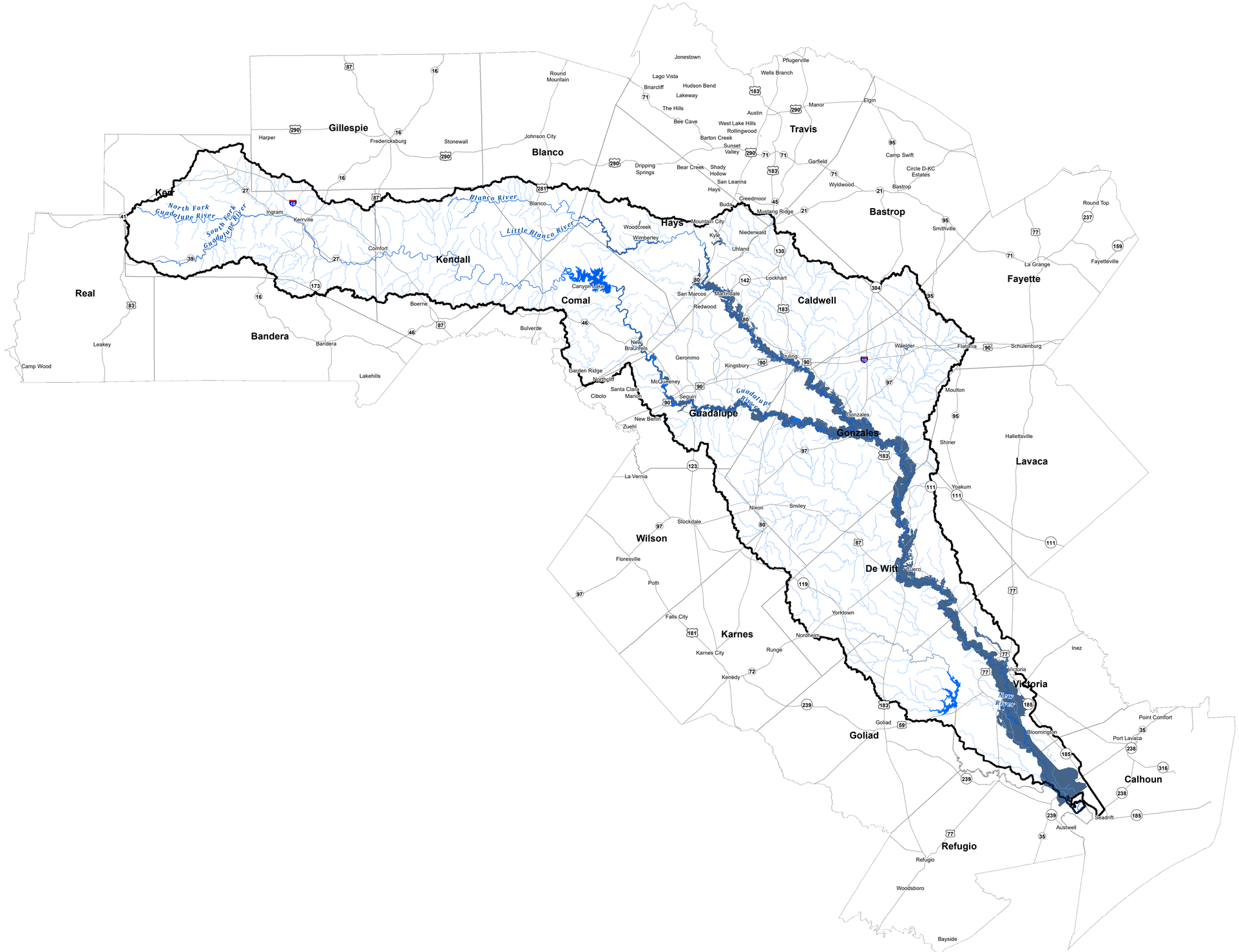
List of Models and Studies Associated with FMPs

FMP ID	FMP Name	Report Documentation	Model Name
113000001	Blanco County Detention on the Blanco River	AppendxE_Alternatives_TRN; USACE LGRB/GBRA IFS- Phase 1	2013 Blanco River
113000006	City of Kyle Plum Creek Tributary 3 Arbor Knot Dr. Improvement	Phase3_GBRA_TRN_Final; GBRA FPP study- Phase 3	Plum3
113000007	City of Kyle Plum Creek Tributary 4 Sledge Rd. Improvement	Phase3_GBRA_TRN_Final; GBRA FPP study- Phase 3	PlumCreekTrib4_New
113000010	City of Kyle 65-foot Channel Modification and Additional Culvert	Phase2_Alternatives_Final_Report; USACE LGRB/GBRA IFS- Phase 2	PLUMCREEK
113000011	City of Kyle Plum Creek Detention Pond Upstream of IH 35	Phase2_Alternatives_Final_Report; USACE LGRB/GBRA IFS- Phase 2	PLUMCREEK
113000015	City of San Marcos Improve Flood Warning Systems	Not required for Flood Early Warning Systems, Buyouts, or Emergency Generators	N/A
113000026	City of San Marcos Purgatory Creek Channel Improvement	Purgatory Creek Channel Improvement Project PER	Model not provided
113000027	City of San Marcos Sherwood/Kingwood Drainage Improvements	Sherwood Kingwood PER	USM_4.2.1_kingwood
113000035	City of Seguin Guadalupe Street Automatic Flood Gates	Not required for Flood Early Warning Systems, Buyouts, or Emergency Generators	N/A
113000036	City of Waelder Baldridge Creek Regional Detention Pond	Phase2_Alternatives_Final_Report; USACE LGRB/GBRA IFS- Phase 2	Baldridge Creek
113000037	City of Waelder Baldridge Creek Channel and Culvert Improvement	Phase2_Alternatives_Final_Report; USACE LGRB/GBRA IFS- Phase 2	Baldridge Creek
113000039	City of Wimberley Wilson Creek – Green Acres Dr. Improvement	Phase3_GBRA_TRN_Final; GBRA FPP study- Phase 3	WilsonCreek
113000040	City of Woodcreek Regional Detention South of Mountain Crest Drive	AppendxE_Alternatives_TRN; USACE LGRB/GBRA IFS- Phase 1	Hog Creek Hydraulics
113000041	City of Woodcreek Improvements to Brookside Drive Culvert Crossing	AppendxE_Alternatives_TRN; USACE LGRB/GBRA IFS- Phase 1	Model not provided
113000042	City of Woodcreek Brook-meadow Drive Drainage Improvements	AppendxE_Alternatives_TRN; USACE LGRB/GBRA IFS- Phase 1	Model not provided
113000044	Comal County Regional Detention on Bear Creek	AppendxE_Alternatives_TRN; USACE LGRB/GBRA IFS- Phase 1	Guadalupe_FEMA2008, Guadalupe_Dewitt,

			Guadalupe_Gonzales, lguad, guadalupe, uguad
113000047	Gonzales County Regional Detention on Peach Creek	AppendxE_Alternatives_TRN; USACE LGRB/GBRA IFS- Phase 1	Guadalupe_FEMA2008, Guadalupe_Dewitt, Guadalupe_Gonzales
113000052	Kerr County Kerr County Back-up Power Generators	Not required for Flood Early Warning Systems, Buyouts, or Emergency Generators	N/A
113000060	City of Victoria City of Victoria Back-up Power Generators	Not required for Flood Early Warning Systems, Buyouts, or Emergency Generators	N/A
113000061	City of Buda-Lifschutz Headwaters Voluntary Buyout	Not required for Flood Early Warning Systems, Buyouts, or Emergency Generators	N/A
113000062	City of Nixon City of Nixon-Wastewater System Flood Improvements	Not required for Flood Early Warning Systems, Buyouts, or Emergency Generators	N/A
113000063	City of San Marcos City of San Marcos-Emergency Generators	Not required for Flood Early Warning Systems, Buyouts, or Emergency Generators	N/A
113000064	Victoria County Victoria County-Emergency Generators	Not required for Flood Early Warning Systems, Buyouts, or Emergency Generators	N/A
113000065	City of Seguin City of Seguin Regional Detention Southwest of Seguin City Limits Project	Phase2_Alternatives_Final_Report; USACE LGRB/GBRA IFS-Phase 2	Mays_Creek
113000066	City of Seguin City of Seguin - Culvert Improve-ments at Guadalupe River Drive Project	Phase2_Alternatives_Final_Report; USACE LGRB/GBRA IFS-Phase 2	Mays_Creek
113000067	City of Victoria City of Victoria Channel and Bridge Modifications on State Highway 87 Project	Phase2_Alternatives_Final_Report; USACE LGRB/GBRA IFS-Phase 2	SpringCreek
113000068	City of Victoria City of Victoria Detention Structure Located Upstream of SH 87 Project	Phase2_Alternatives_Final_Report; USACE LGRB/GBRA IFS-Phase 2	SpringCreek
113000069	Guadalupe Co Guadalupe County Detention on York Creek Project	AppendxE_Alternatives_TRN; USACE LGRB/GBRA IFS- Phase 1	Guadalupe_FEMA2008, Guadalupe_Dewitt, Guadalupe_Gonzales, San Marcos River

113000001	Blanco County Detention on the Blanco River	AppendxE_Alternatives_TRN; USACE LGRB/GBRA IFS- Phase 1	2013 Blanco River
113000006	City of Kyle Plum Creek Tributary 3 Arbor Knot Dr. Improvement	Phase3_GBRA_TRN_Final; GBRA FPP study- Phase 3	Plum3
113000007	City of Kyle Plum Creek Tributary 4 Sledge Rd. Improvement	Phase3_GBRA_TRN_Final; GBRA FPP study- Phase 3	PlumCreekTrib4_New
113000010	City of Kyle 65-foot Channel Modification and Additional Culvert	Phase2_Alternatives_Final_Report; USACE LGRB/GBRA IFS-Phase 2	PLUMCREEK
113000011	City of Kyle Plum Creek Detention Pond Upstream of IH 35	Phase2_Alternatives_Final_Report; USACE LGRB/GBRA IFS-Phase 2	PLUMCREEK
113000015	City of San Marcos Improve Flood Warning Systems	Not required for Flood Early Warning Systems, Buyouts, or Emergency Generators	N/A
113000026	City of San Marcos Purgatory Creek Channel Improvement	Purgatory Creek Channel Improvement Project PER	Model not provided
113000027	City of San Marcos Sherwood/Kingwood Drainage Improvements	Sherwood Kingwood PER	USM_4.2.1_kingwood
113000035	City of Seguin Guadalupe Street Automatic Flood Gates	Not required for Flood Early Warning Systems, Buyouts, or Emergency Generators	N/A

Map 22: Model Coverage



Legend

- Major Reservoirs
- River
- Tributary
- Model Coverage

0 4.5 9 Miles

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Available H&H Models

Region 11: Guadalupe

FN JOB NO	GBA21362
FILE	22_Avail_HH_Models
DATE	12/15/2022
SCALE	1 in = 9 miles
DRAFTED	02405

Map 22