

Appendix A

HAZUS RESULTS



Hazus: Flood Global Risk Report

Region Name: Austin County

Flood Scenario: 100-yr

Print Date: Friday, May 12, 2023

Disclaimer:

Totals only reflect data for those census tracts/blocks included in the user's study region.

The estimates of social and economic impacts contained in this report were produced using Hazus loss estimation methodology software which is based on current scientific and engineering knowledge. There are uncertainties inherent in any loss estimation technique. Therefore, there may be significant differences between the modeled results contained in this report and the actual social and economic losses following a specific Flood. These results can be improved by using enhanced inventory data and flood hazard information.



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General Description of the Region

Hazus is a regional multi-hazard loss estimation model that was developed by the Federal Emergency Management Agency (FEMA) and the National Institute of Building Sciences (NIBS). The primary purpose of Hazus is to provide a methodology and software application to develop multi-hazard losses at a regional scale. These loss estimates would be used primarily by local, state and regional officials to plan and stimulate efforts to reduce risks from multi-hazards and to prepare for emergency response and recovery.

The flood loss estimates provided in this report were based on a region that included 1 county(ies) from the following state(s):

- Texas

Note:

Appendix A contains a complete listing of the counties contained in the region .

The geographical size of the region is approximately 21 square miles and contains 1,174 census blocks. The region contains over 12 thousand households and has a total population of 30,013 people. The distribution of population by State and County for the study region is provided in Appendix B .

There are an estimated 16,856 buildings in the region with a total building replacement value (excluding contents) of 7,117 million dollars. Approximately 72.91% of the buildings (and 45.39% of the building value) are associated with residential housing.



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Building Inventory

General Building Stock

Hazus estimates that there are 16,856 buildings in the region which have an aggregate total replacement value of 7,117 million dollars. Table 1 and Table 2 present the relative distribution of the value with respect to the general occupancies by Study Region and Scenario respectively. Appendix B provides a general distribution of the building value by State and County.

**Table 1
Building Exposure by Occupancy Type for the Study Region**

Occupancy	Exposure (\$1000)	Percent of Total
Residential	3,230,826	45.4%
Commercial	1,391,083	19.5%
Industrial	573,273	8.1%
Agricultural	1,591,429	22.4%
Religion	67,882	1.0%
Government	44,675	0.6%
Education	218,254	3.1%
Total	7,117,422	100%

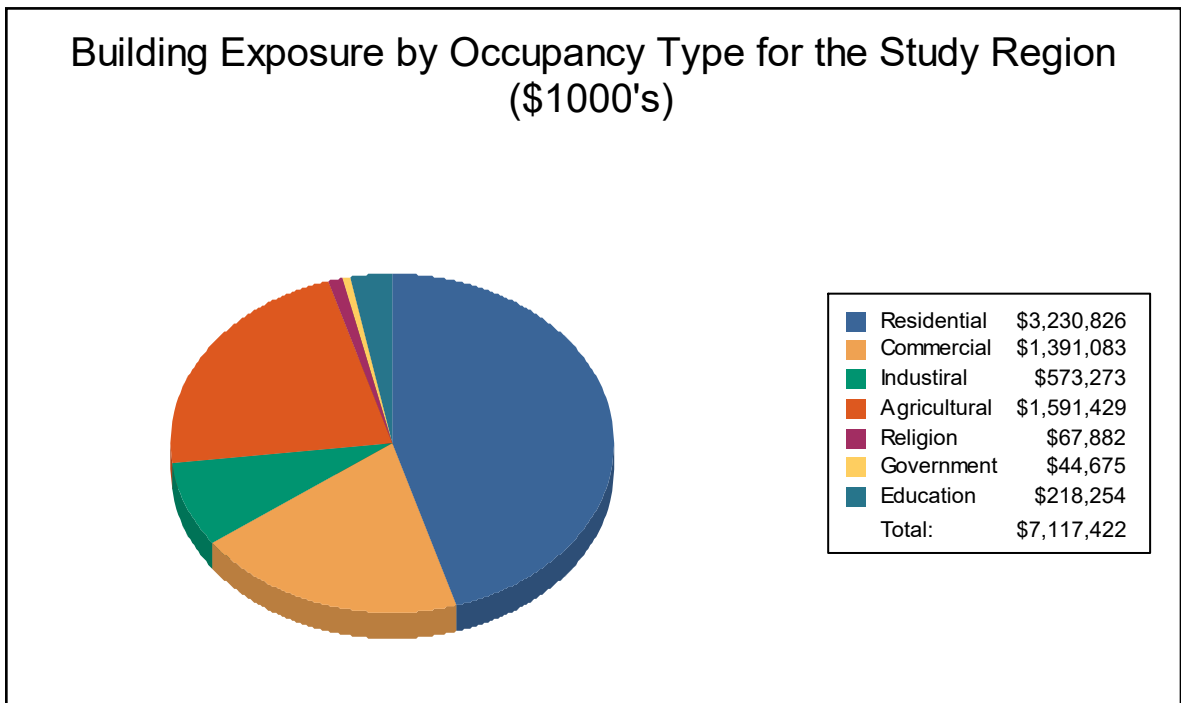
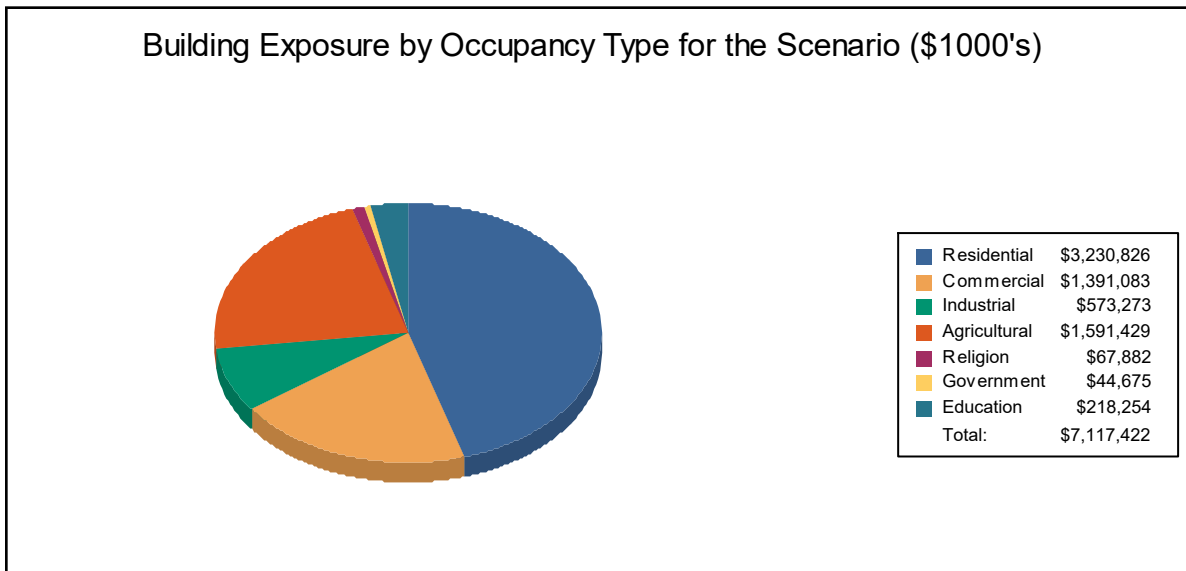




Table 2
Building Exposure by Occupancy Type for the Scenario

Occupancy	Exposure (\$1000)	Percent of Total
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Essential Facility Inventory

For essential facilities, there are 1 hospitals in the region with a total bed capacity of 32 beds. There are 16 schools, 8 fire stations, 7 police stations and 2 emergency operation centers.



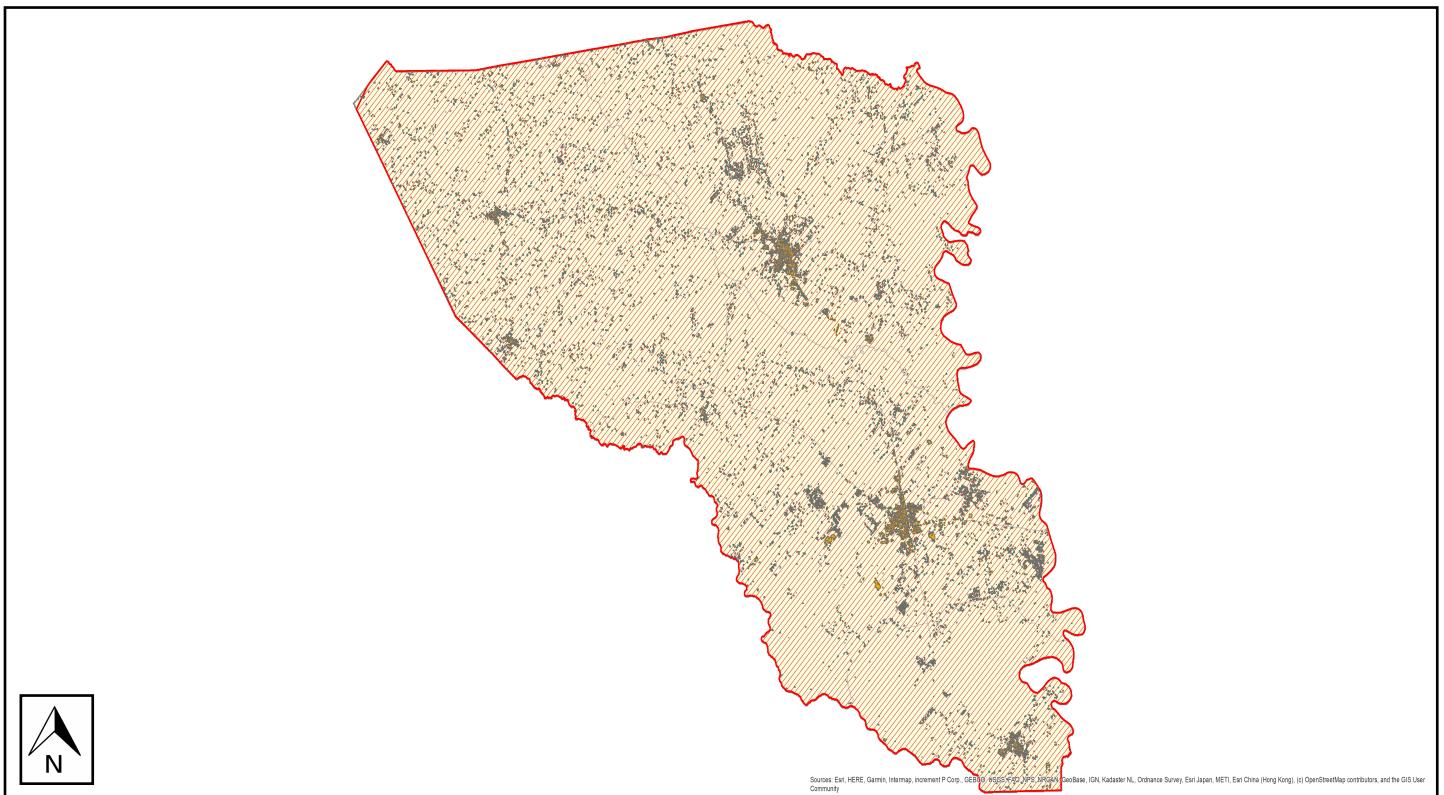
Flood Scenario Parameters

Hazus used the following set of information to define the flood parameters for the flood loss estimate provided in this report.

Study Region Name:	Austin County
Scenario Name:	100-yr
Return Period Analyzed:	100
Analysis Options Analyzed:	No What-ifs

Study Region Overview Map

Illustrating scenario flood extent, as well as exposed essential facilities and total exposure



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Building Damage

General Building Stock Damage

Hazus estimates that about 13,475 buildings will be at least moderately damaged. This is over 0% of the total number of buildings in the scenario. There are an estimated 13,158 buildings that will be completely destroyed. The definition of the 'damage states' is provided in the Hazus Flood Technical Manual. Table 3 below summarizes the expected damage by general occupancy for the buildings in the region. Table 4 summarizes the expected damage by general building type.

Total Economic Loss (1 dot = \$300K) Overview Map

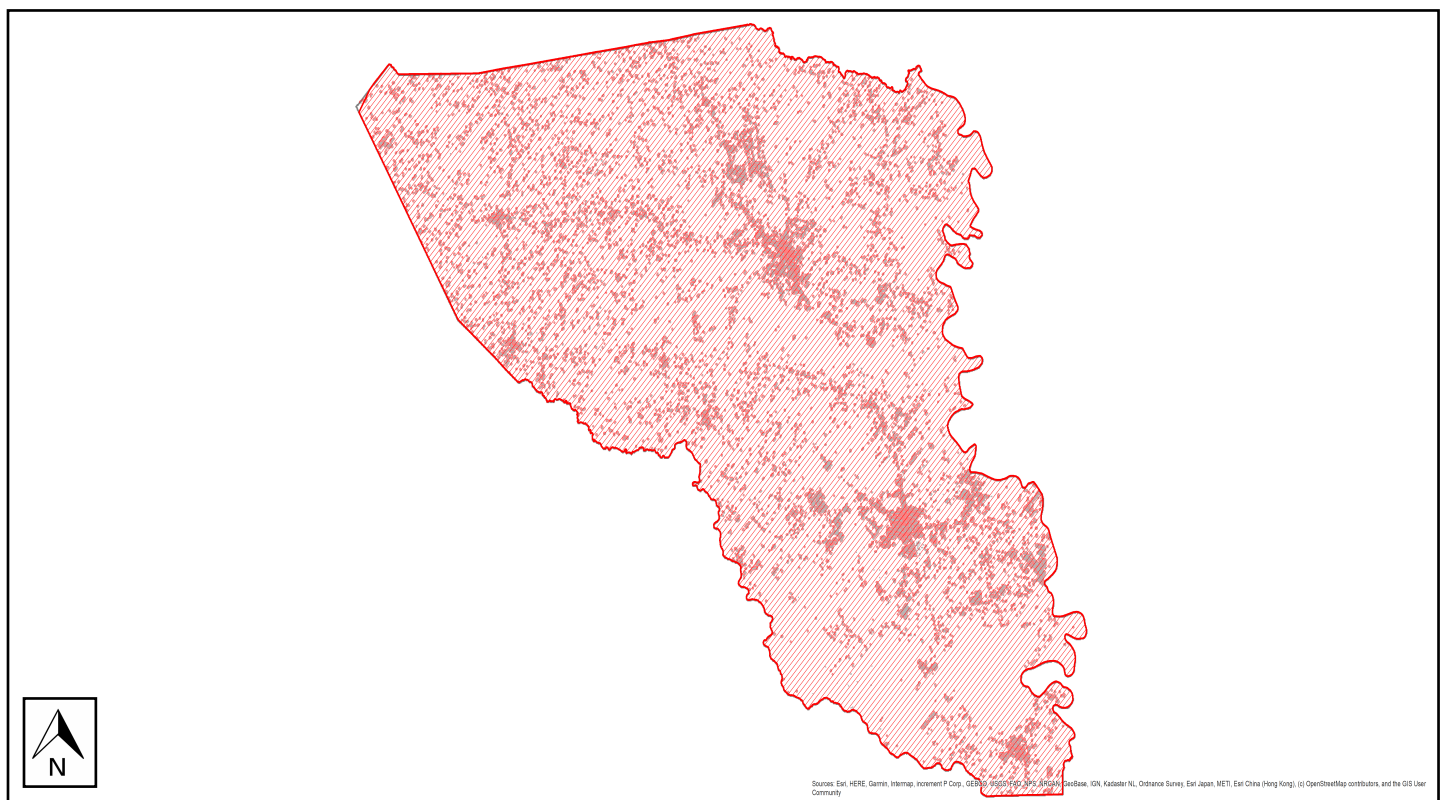
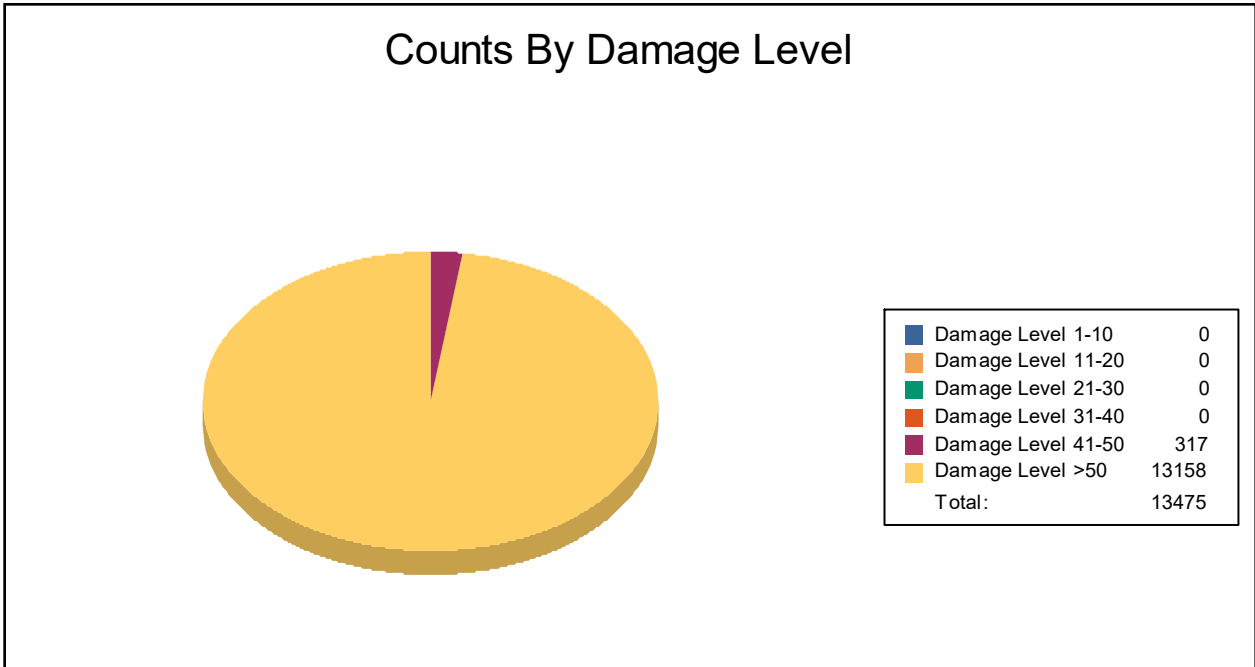




Table 3: Expected Building Damage by Occupancy

Occupancy	1-10		11-20		21-30		31-40		41-50		>50	
	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)
Agriculture	0	0	0	0	0	0	0	0	0	0	2,770	100
Commercial	0	0	0	0	0	0	0	0	0	0	787	100
Education	0	0	0	0	0	0	0	0	0	0	10	100
Government	0	0	0	0	0	0	0	0	0	0	23	100
Industrial	0	0	0	0	0	0	0	0	7	8	81	92
Religion	0	0	0	0	0	0	0	0	0	0	26	100
Residential	0	0	0	0	0	0	0	0	310	3	9,461	97
Total	0		0		0		0		317		13,158	



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Table 4: Expected Building Damage by Building Type

Building Type	1-10		11-20		21-30		31-40		41-50		>50	
	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)
Concrete	0	0	0	0	0	0	0	0	0	0	914	100
ManufHousing	0	0	0	0	0	0	0	0	0	0	2,021	100
Masonry	0	0	0	0	0	0	0	0	11	1	1,771	99
Steel	0	0	0	0	0	0	0	0	4	0	1,082	100
Wood	0	0	0	0	0	0	0	0	299	4	7,219	96



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Essential Facility Damage

Before the flood analyzed in this scenario, the region had 32 hospital beds available for use. On the day of the scenario flood event, the model estimates that 32 hospital beds are available in the region.

Table 5: Expected Damage to Essential Facilities

Classification	# Facilities			
	Total	At Least Moderate	At Least Substantial	Loss of Use
Emergency Operation Centers	2	0	0	0
Fire Stations	8	0	0	0
Hospitals	1	0	0	0
Police Stations	7	0	0	0
Schools	16	0	0	0

If this report displays all zeros or is blank, two possibilities can explain this.

- (1) None of your facilities were flooded. This can be checked by mapping the inventory data on the depth grid.
- (2) The analysis was not run. This can be tested by checking the run box on the Analysis Menu and seeing if a message box asks you to replace the existing results.



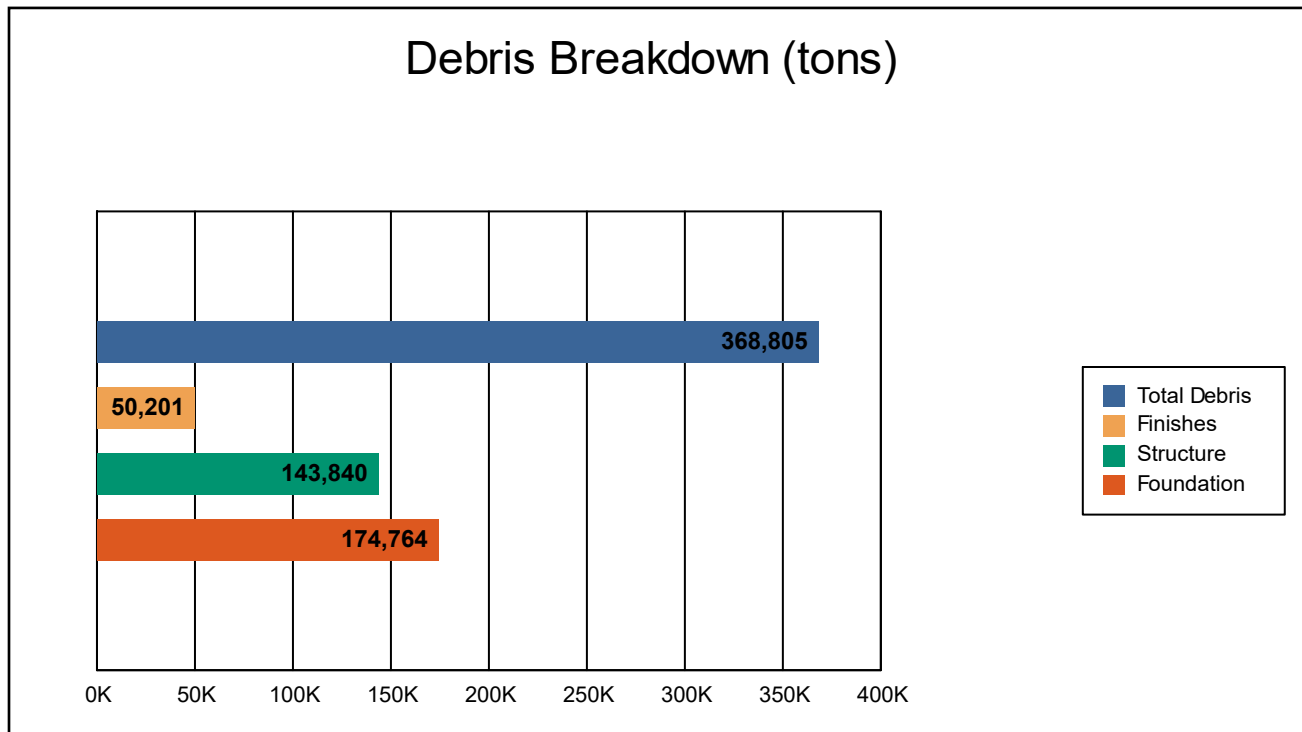
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Induced Flood Damage

Debris Generation

Hazus estimates the amount of debris that will be generated by the flood. The model breaks debris into three general categories: 1) Finishes (dry wall, insulation, etc.), 2) Structural (wood, brick, etc.) and 3) Foundations (concrete slab, concrete block, rebar, etc.). This distinction is made because of the different types of material handling equipment required to handle the debris.



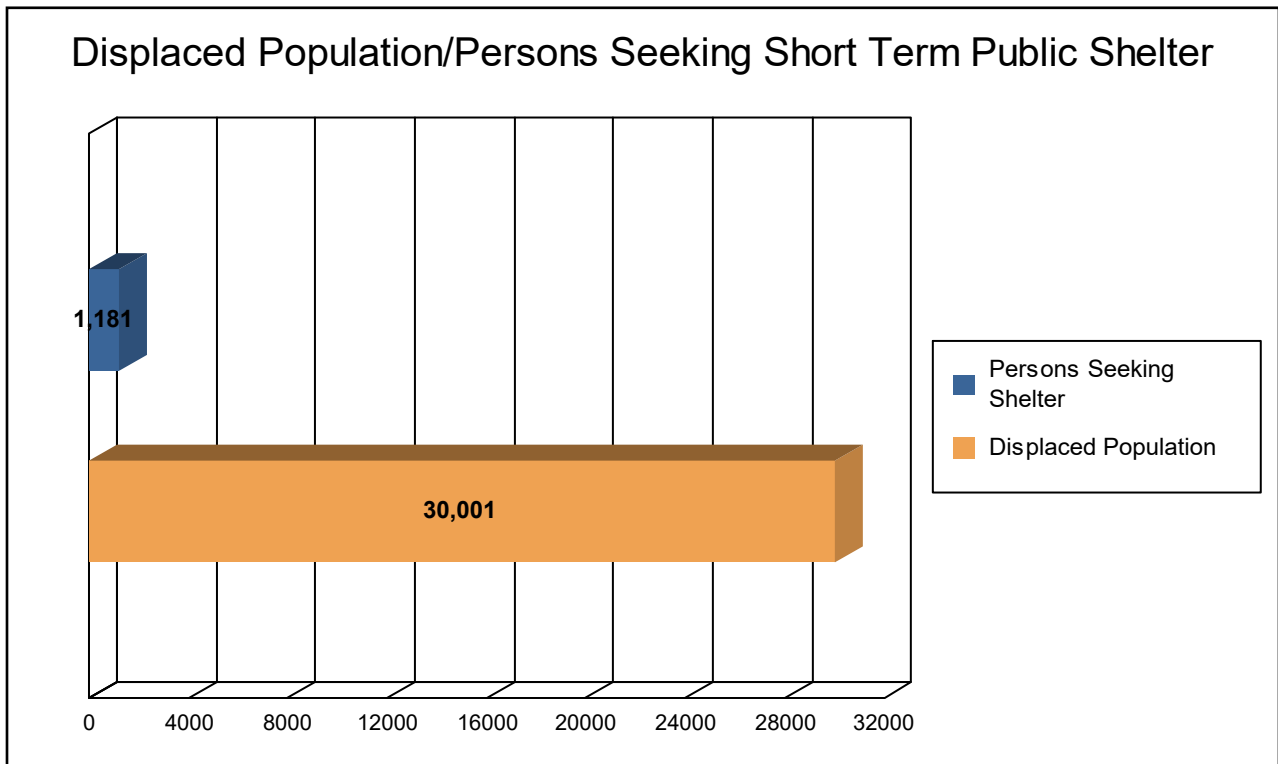
The model estimates that a total of 368,805 tons of debris will be generated. Of the total amount, Finishes comprises 14% of the total, Structure comprises 39% of the total, and Foundation comprises 47%. If the debris tonnage is converted into an estimated number of truckloads, it will require 14753 truckloads (@25 tons/truck) to remove the debris generated by the flood.



Social Impact

Shelter Requirements

Hazus estimates the number of households that are expected to be displaced from their homes due to the flood and the associated potential evacuation. Hazus also estimates those displaced people that will require accommodations in temporary public shelters. The model estimates 10,000 households (or 30,001 of people) will be displaced due to the flood. Displacement includes households evacuated from within or very near to the inundated area. Of these, 1,181 people (out of a total population of 30,013) will seek temporary shelter in public shelters.



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Economic Loss

The total economic loss estimated for the flood is 16,000.93 million dollars, which represents 224.81 % of the total replacement value of the scenario buildings.

Building-Related Losses

The building losses are broken into two categories: direct building losses and business interruption losses. The direct building losses are the estimated costs to repair or replace the damage caused to the building and its contents. The business interruption losses are the losses associated with inability to operate a business because of the damage sustained during the flood. Business interruption losses also include the temporary living expenses for those people displaced from their homes because of the flood.

The total building-related losses were 12,048.10 million dollars. 25% of the estimated losses were related to the business interruption of the region. The residential occupancies made up 26.75% of the total loss. Table 6 below provides a summary of the losses associated with the building damage.



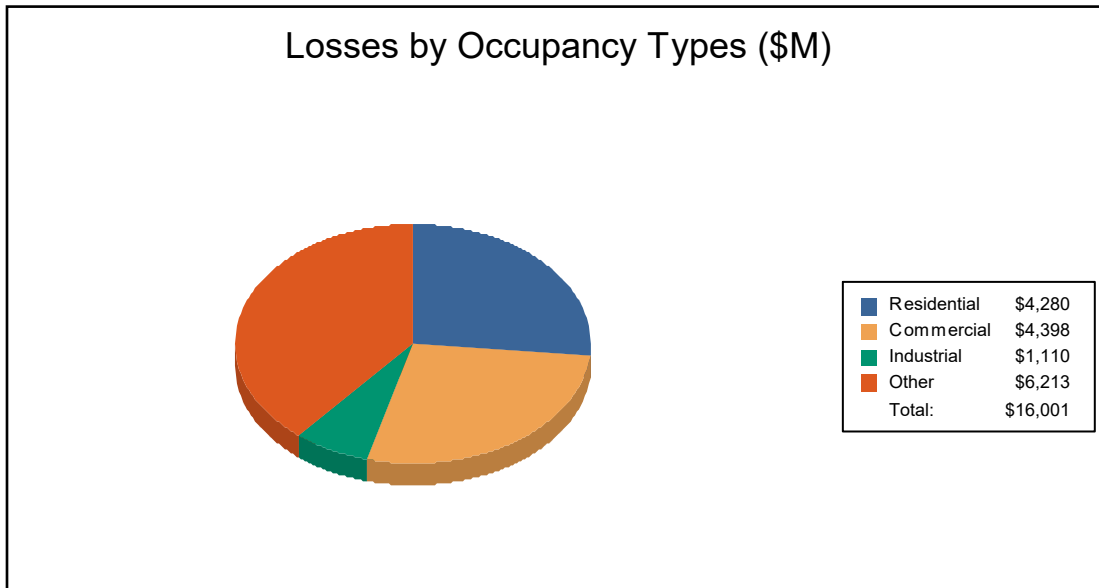
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Table 6: Building-Related Economic Loss Estimates
(Millions of dollars)

Category	Area	Residential	Commercial	Industrial	Others	Total
<u>Building Loss</u>						
	Building	2,435.75	1,061.05	338.39	1,803.33	5,638.52
	Content	1,176.10	1,212.31	617.56	1,609.23	4,615.20
	Inventory	0.00	200.37	92.36	1,501.65	1,794.38
	Subtotal	3,611.85	2,473.73	1,048.32	4,914.21	12,048.10
<u>Business Interruption</u>						
	Income	21.19	806.64	23.15	354.58	1,205.55
	Relocation	430.17	242.51	15.00	170.70	858.38
	Rental Income	166.75	178.46	3.71	12.23	361.15
	Wage	49.83	696.43	20.11	761.39	1,527.76
	Subtotal	667.94	1,924.04	61.96	1,298.90	3,952.84
ALL	Total	4,279.79	4,397.77	1,110.27	6,213.10	16,000.93





Appendix A: County Listing for the Region

Texas

- Austin



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Appendix B: Regional Population and Building Value Data

	Population	Building Value (thousands of dollars)		
		Residential	Non-Residential	Total
Texas				
Austin	30,013	3,230,826	3,886,596	7,117,422
Total	30,013	3,230,826	3,886,596	7,117,422
Total Study Region	30,013	3,230,826	3,886,596	7,117,422



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Hazus: Flood Global Risk Report

Region Name: Austin County

Flood Scenario: 500-yr

Print Date: Friday, May 12, 2023

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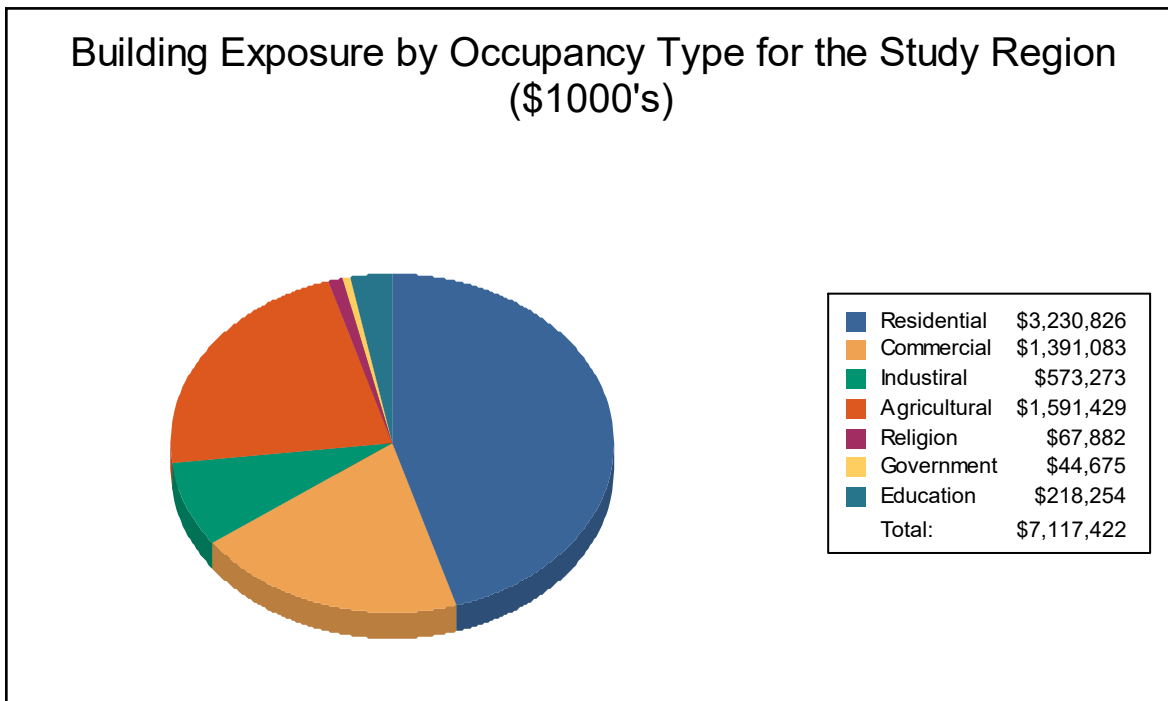
Building Inventory

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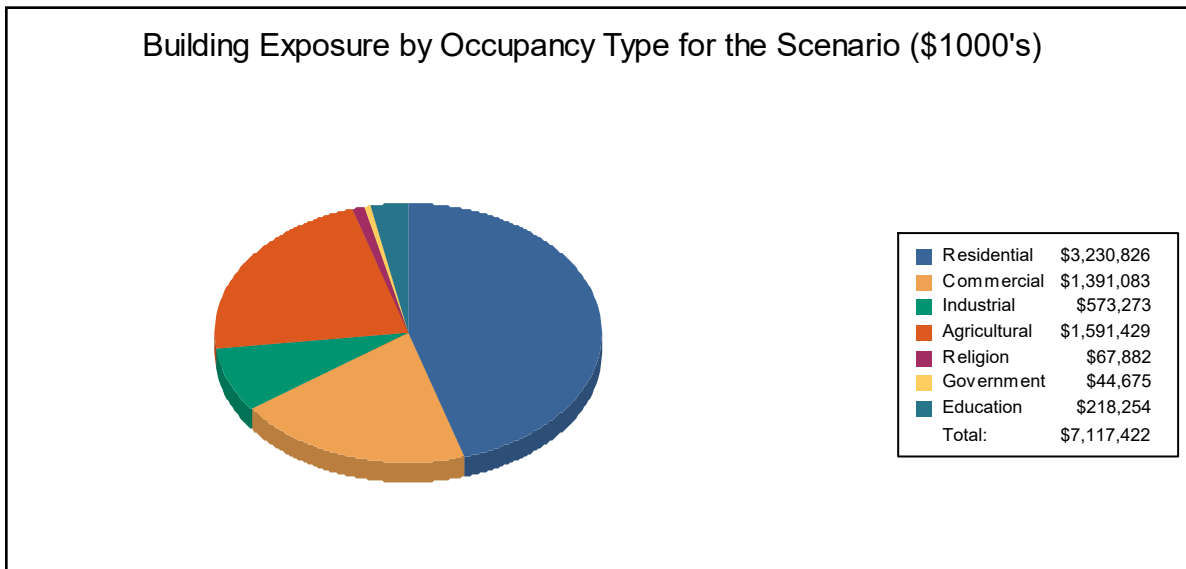
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Table 2
Building Exposure by Occupancy Type for the Scenario

Occupancy	Exposure (\$1000)	Percent of Total
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Commercial	1,391,083	19.5%
Industrial	573,273	8.1%
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Essential Facility Inventory

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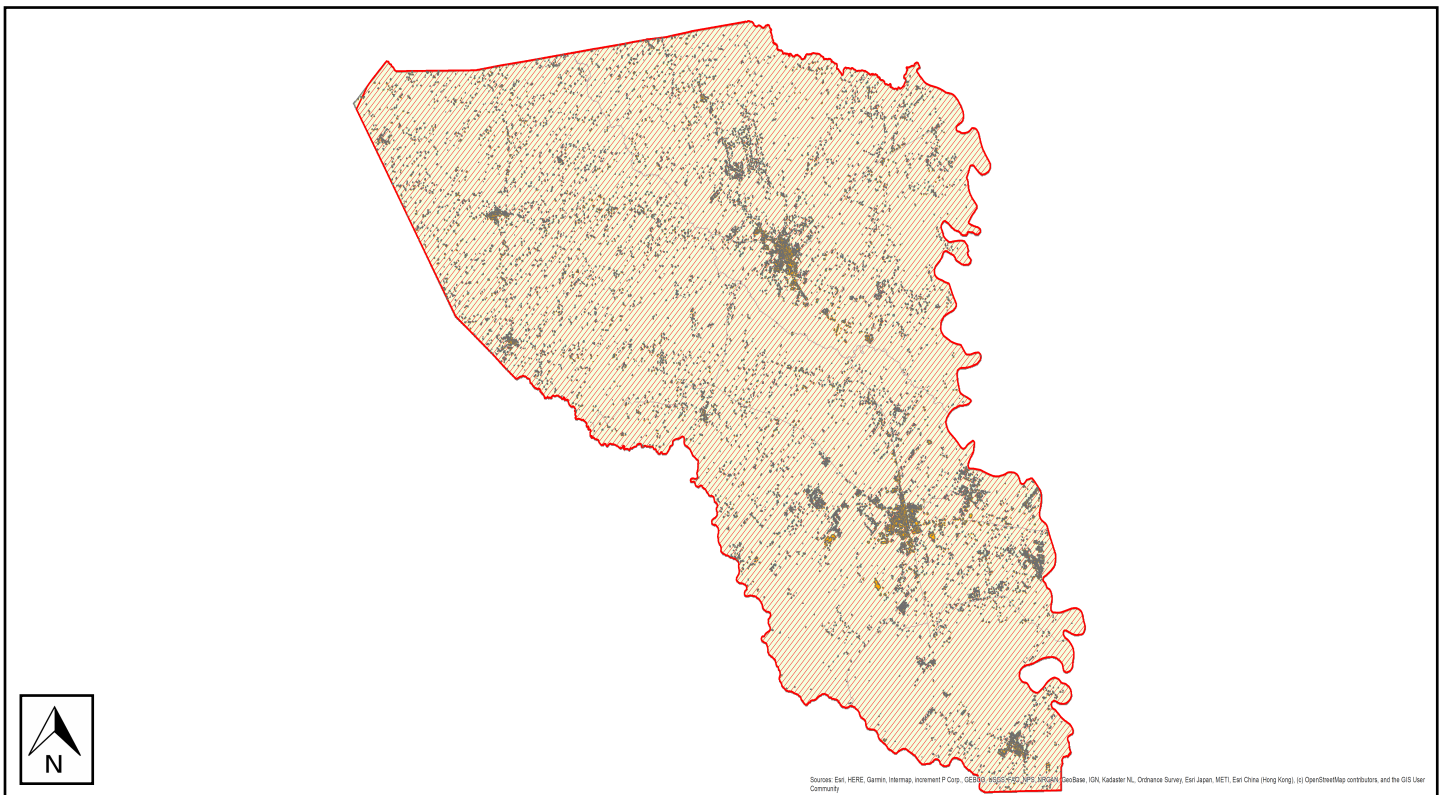
Flood Scenario Parameters

Hazus used the following set of information to define the flood parameters for the flood loss estimate provided in this report.

Study Region Name:	Austin County
Scenario Name:	500-yr
Return Period Analyzed:	500
Analysis Options Analyzed:	No What-Ifs

Study Region Overview Map

Illustrating scenario flood extent, as well as exposed essential facilities and total exposure





Building Damage

General Building Stock Damage

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Total Economic Loss (1 dot = \$300K) Overview Map

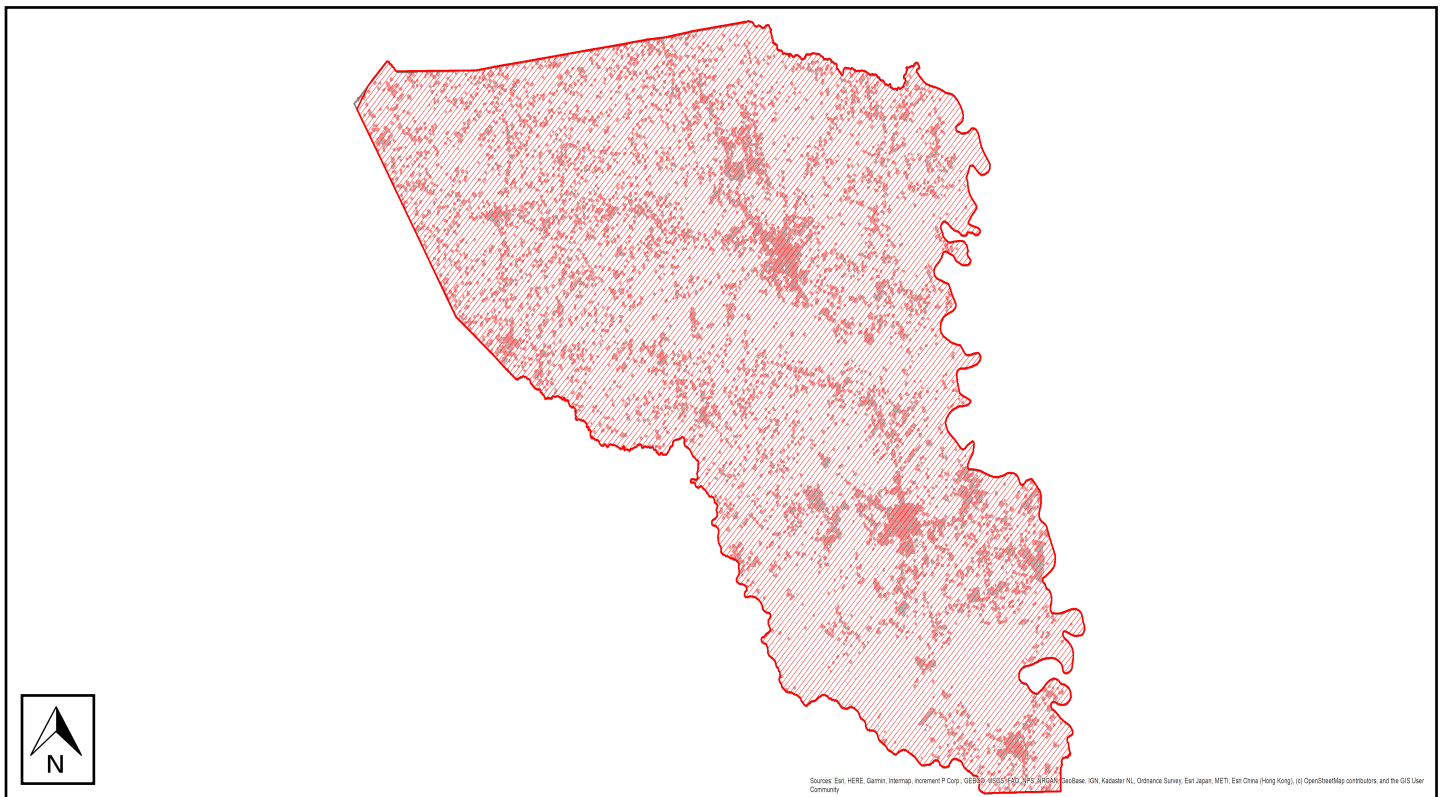
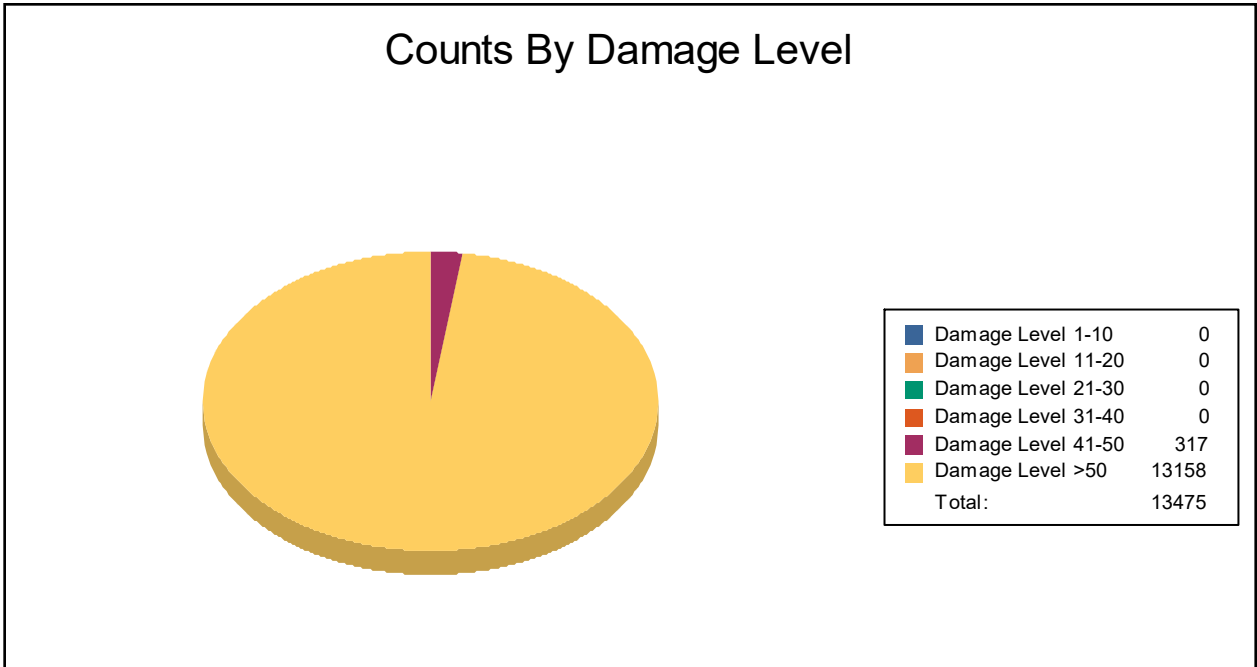




Table 3: Expected Building Damage by Occupancy

Occupancy	1-10		11-20		21-30		31-40		41-50		>50	
	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)
Agriculture	0	0	0	0	0	0	0	0	0	0	2,770	100
Commercial	0	0	0	0	0	0	0	0	0	0	787	100
Education	0	0	0	0	0	0	0	0	0	0	10	100
Government	0	0	0	0	0	0	0	0	0	0	23	100
Industrial	0	0	0	0	0	0	0	0	7	8	81	92
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Residential	0	0	0	0	0	0	0	0	310	3	9,461	97
Total	0		0		0		0		317		13,158	



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Table 4: Expected Building Damage by Building Type

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Masonry	0	0	0	0	0	0	0	0	11	1	1,771	99
Steel	0	0	0	0	0	0	0	0	4	0	1,082	100
Wood	0	0	0	0	0	0	0	0	299	4	7,219	96



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Essential Facility Damage

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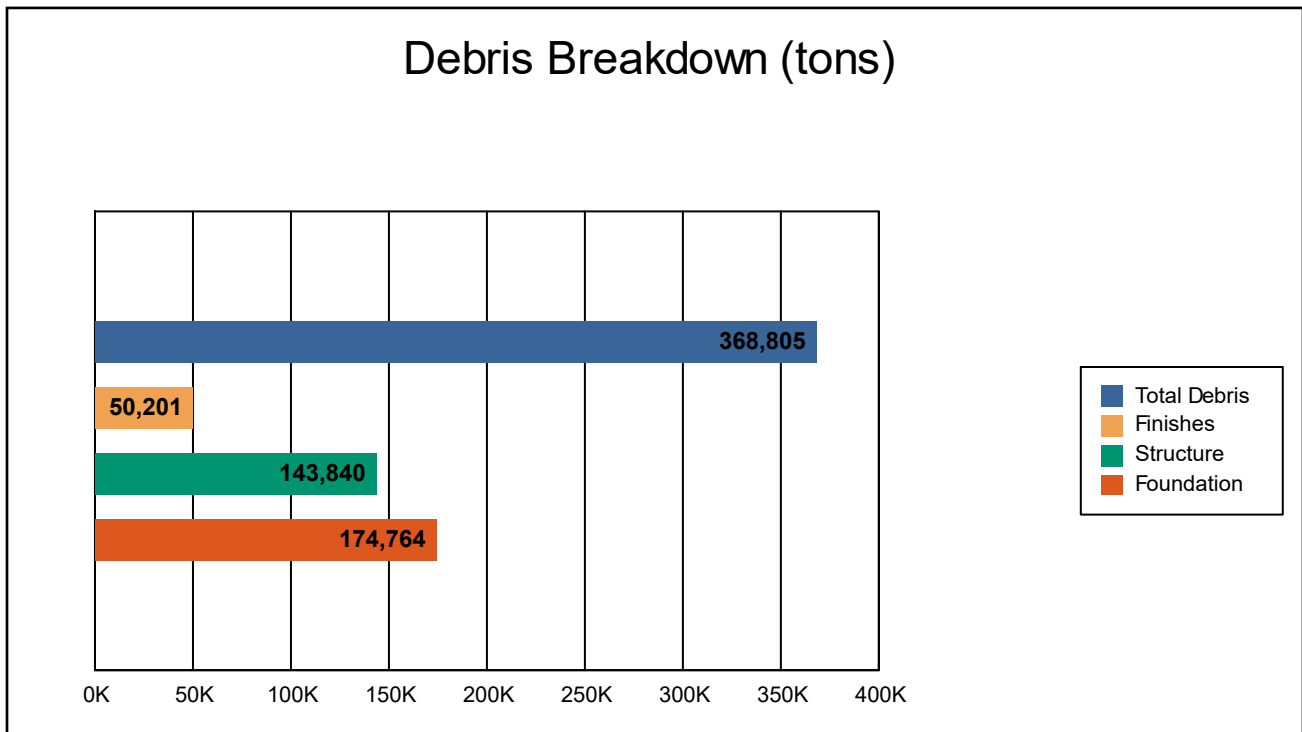
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Induced Flood Damage

Debris Generation

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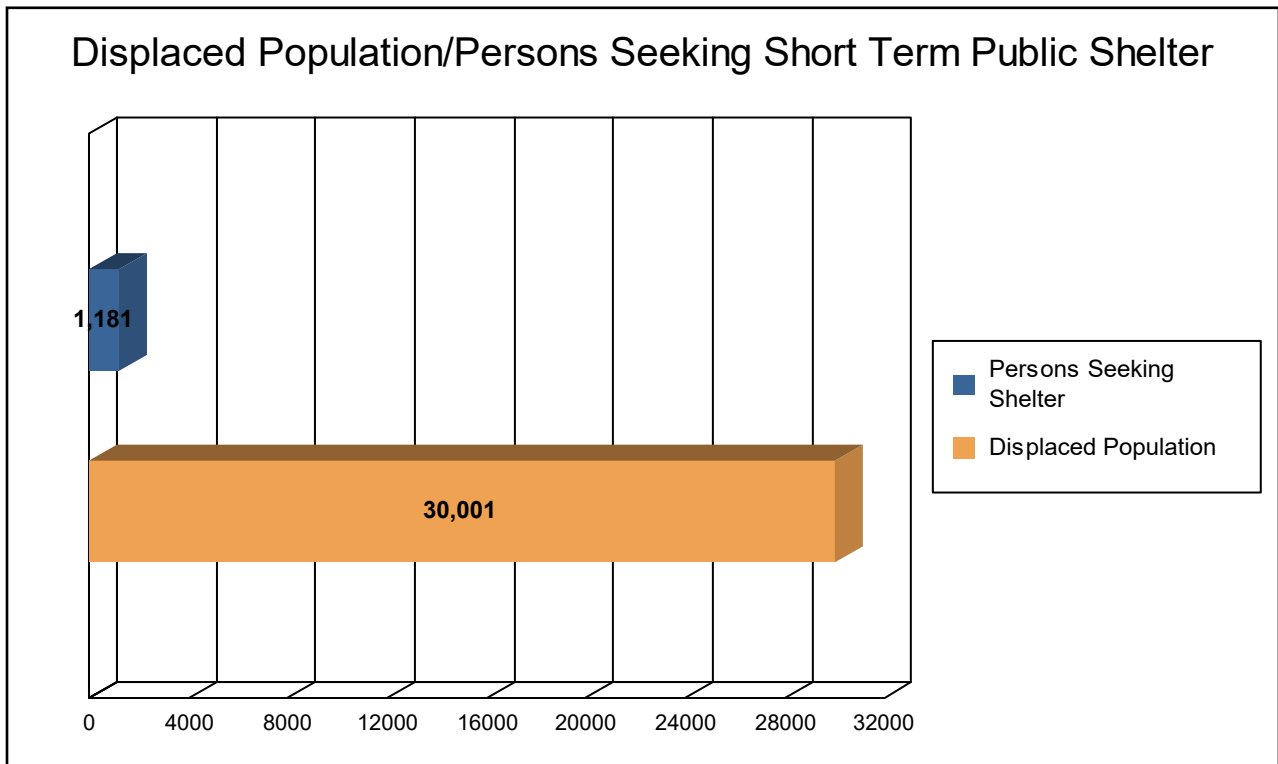
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Shelter Requirements

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Economic Loss

The total economic loss estimated for the flood is 16,000.93 million dollars, which represents 224.81 % of the total replacement value of the scenario buildings.

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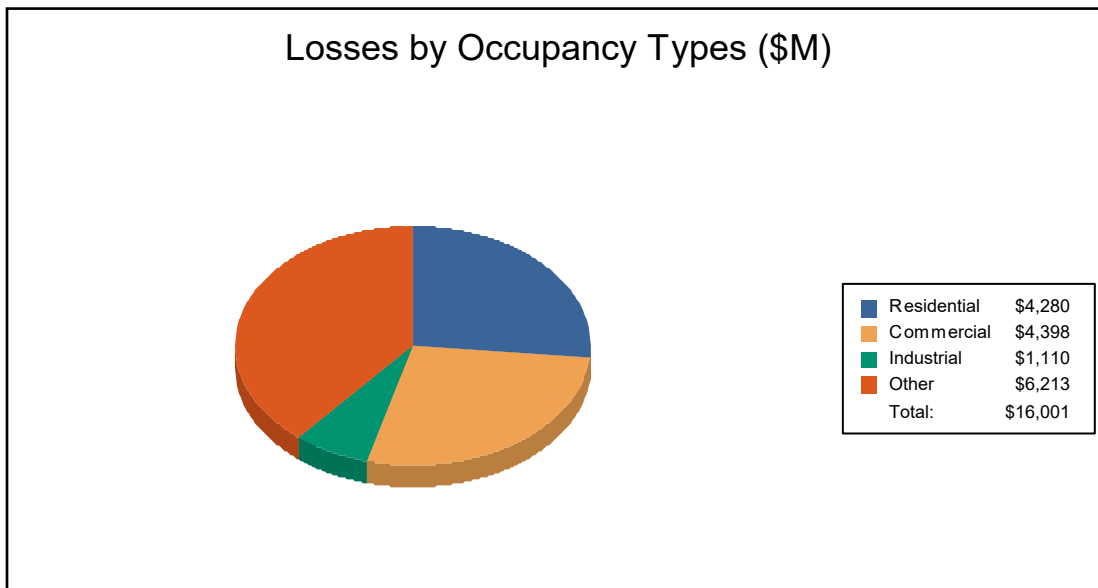
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Table 6: Building-Related Economic Loss Estimates
(Millions of dollars)

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	Inventory	0.00	200.37	92.36	1,501.65	1,794.38
	Subtotal	3,611.85	2,473.73	1,048.32	4,914.21	12,048.10
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ALL	Total	4,279.79	4,397.77	1,110.27	6,213.10	16,000.93





Appendix A: County Listing for the Region

Texas

- Austin



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Appendix B: Regional Population and Building Value Data

	Population	Building Value (thousands of dollars)		
		Residential	Non-Residential	Total
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Austin	30,013	3,230,826	3,886,596	7,117,422
Total	30,013	3,230,826	3,886,596	7,117,422
Total Study Region	30,013	3,230,826	3,886,596	7,117,422



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Hazus: Hurricane Global Risk Report

Region Name: Austin County

Hurricane Scenario: Probabilistic 100-year Return Period

Print Date: Thursday, May 11, 2023

Disclaimer:

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The hurricane loss estimates provided in this report are based on a region that includes 1 county(ies) from the following state(s):

- Texas

Note:

Appendix A contains a complete listing of the counties contained in the region .

The geographical size of the region is 656.97 square miles and contains 8 census tracts. There are over 11 thousand households in the region and a total population of 30,167 people. The distribution of population by State and County is provided in Appendix B.

There are an estimated 16 thousand buildings in the region with a total building replacement value (excluding contents) of 7,119 million dollars. Approximately 73% of the buildings (and 45% of the building value) are associated with residential housing.

Building Inventory

General Building Stock

Hazus estimates that there are 16,856 buildings in the region which have an aggregate total replacement value of Table 1 presents the relative distribution of the value with respect to the general occupancies. Appendix B provides distribution of the building value by State and County.

Building Exposure by Occupancy Type

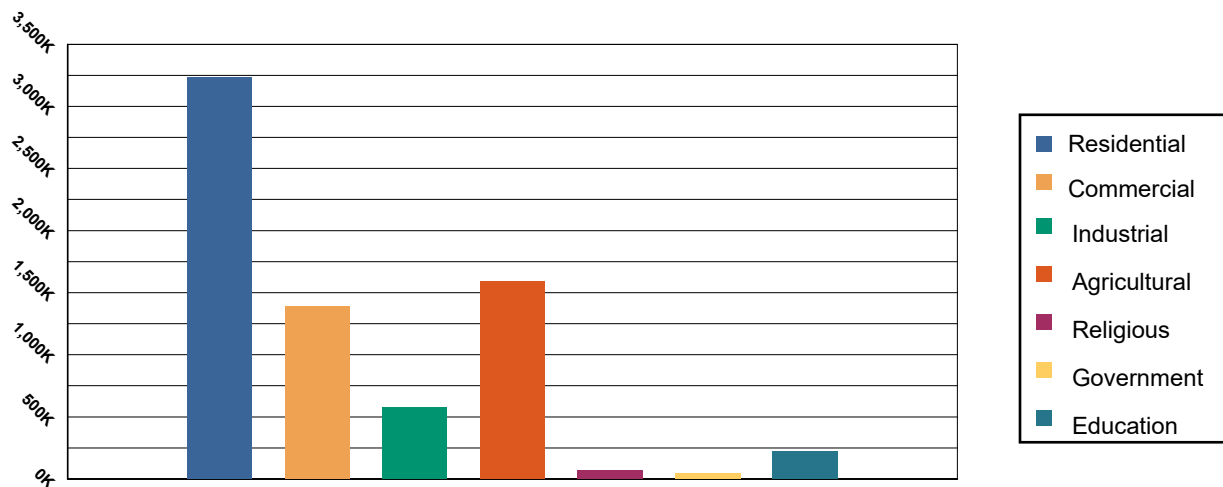


Table 1: Building Exposure by Occupancy Type

Occupancy	Exposure (\$1000)	Percent of Tot
Residential	3,231,643	45.40%
Commercial	1,391,404	19.55%
Industrial	573,347	8.05%
Agricultural	1,591,646	22.36%
Religious	67,908	0.95%
Government	44,684	0.63%
Education	218,260	3.07%
Total	7,118,892	100.00%

Essential Facility Inventory

For essential facilities, there are 1 hospitals in the region with a total bed capacity of 32 beds. There are 16 schools, 8 fire stations, 7 police stations and 2 emergency operation facilities.



FEMA

Hurricane Scenario

Hazus used the following set of information to define the hurricane parameters for the hurricane loss estimate provided in this report.

Scenario Name: Probabilistic

Type: Probabilistic

Building Damage

General Building Stock Damage

Hazus estimates that about 1,160 buildings will be at least moderately damaged. This is over 7% of the total number of buildings in the region. There are an estimated 87 buildings that will be completely destroyed. The definition of the 'damage states' is provided in the Hazus Hurricane technical manual. Table 2 below summarizes the expected damage by general occupancy for the buildings in the region. Table 3 summarizes the expected damage by general building type.

Expected Building Damage by Occupancy

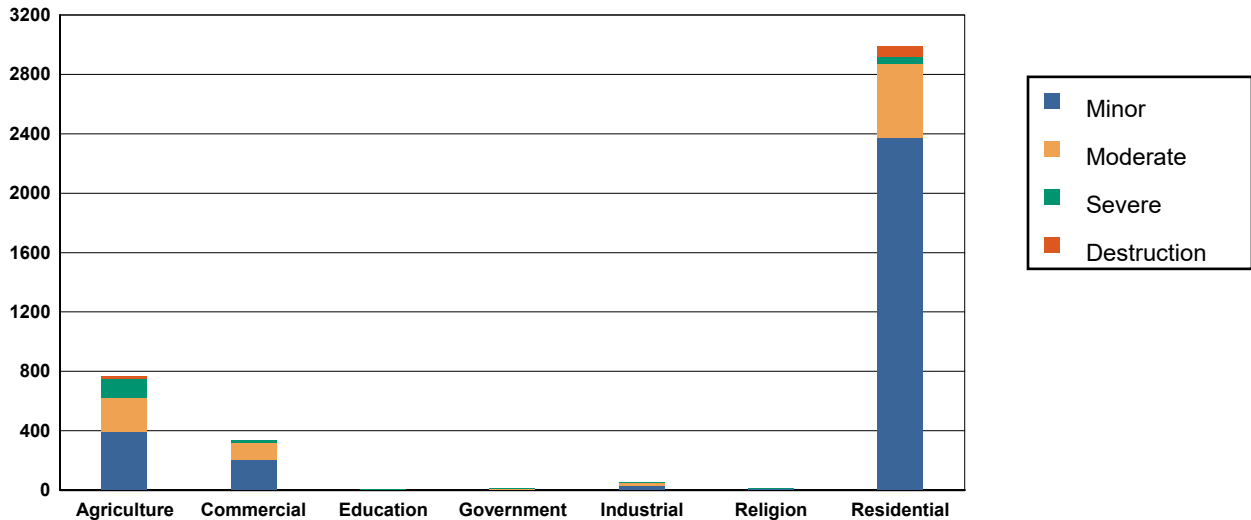


Table 2: Expected Building Damage by Occupancy : 100 - year Event

Occupancy	None		Minor		Moderate		Severe		Destruction	
	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)
Agriculture	2,275.00	74.76	393.76	12.94	230.44	7.57	125.65	4.13	18.16	0.60
Commercial	855.18	71.68	203.72	17.08	115.42	9.67	18.52	1.55	0.15	0.01
Education	16.84	76.54	3.24	14.74	1.58	7.19	0.33	1.52	0.00	0.00
Government	32.61	77.64	6.05	14.40	2.77	6.60	0.57	1.36	0.00	0.00
Industrial	153.63	74.22	32.53	15.71	16.84	8.13	3.93	1.90	0.08	0.04
Religion	45.62	76.03	9.72	16.19	3.89	6.48	0.78	1.30	0.00	0.00
Residential	9,298.56	75.67	2,369.87	19.28	503.80	4.10	47.72	0.39	69.06	0.56
Total	12,677.44		3,018.88		874.73		197.50		87.45	



Table 3: Expected Building Damage by Building Type : 100 - year Event

Building Type	None		Minor		Moderate		Severe		Destruction	
	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)
Concrete	866	77.83	152	13.69	80	7.18	14	1.30	0	0.00
Masonry	1,803	70.21	381	14.83	238	9.27	127	4.95	19	0.75
MH	2,027	87.06	143	6.14	101	4.32	7	0.29	51	2.19
Steel	1,048	76.13	187	13.60	117	8.52	24	1.74	0	0.01
Wood	7,042	74.34	2,028	21.40	347	3.66	34	0.36	22	0.23



Essential Facility Damage

Before the hurricane, the region had 32 hospital beds available for use. On the day of the hurricane, the model estimates that 32 hospital beds (100%) are available for use by patients already in the hospital and those injured by the hurricane. After one week, 100% of the beds will be in service. By 30 days, 100% will be operational.

Thematic Map of Essential Facilities

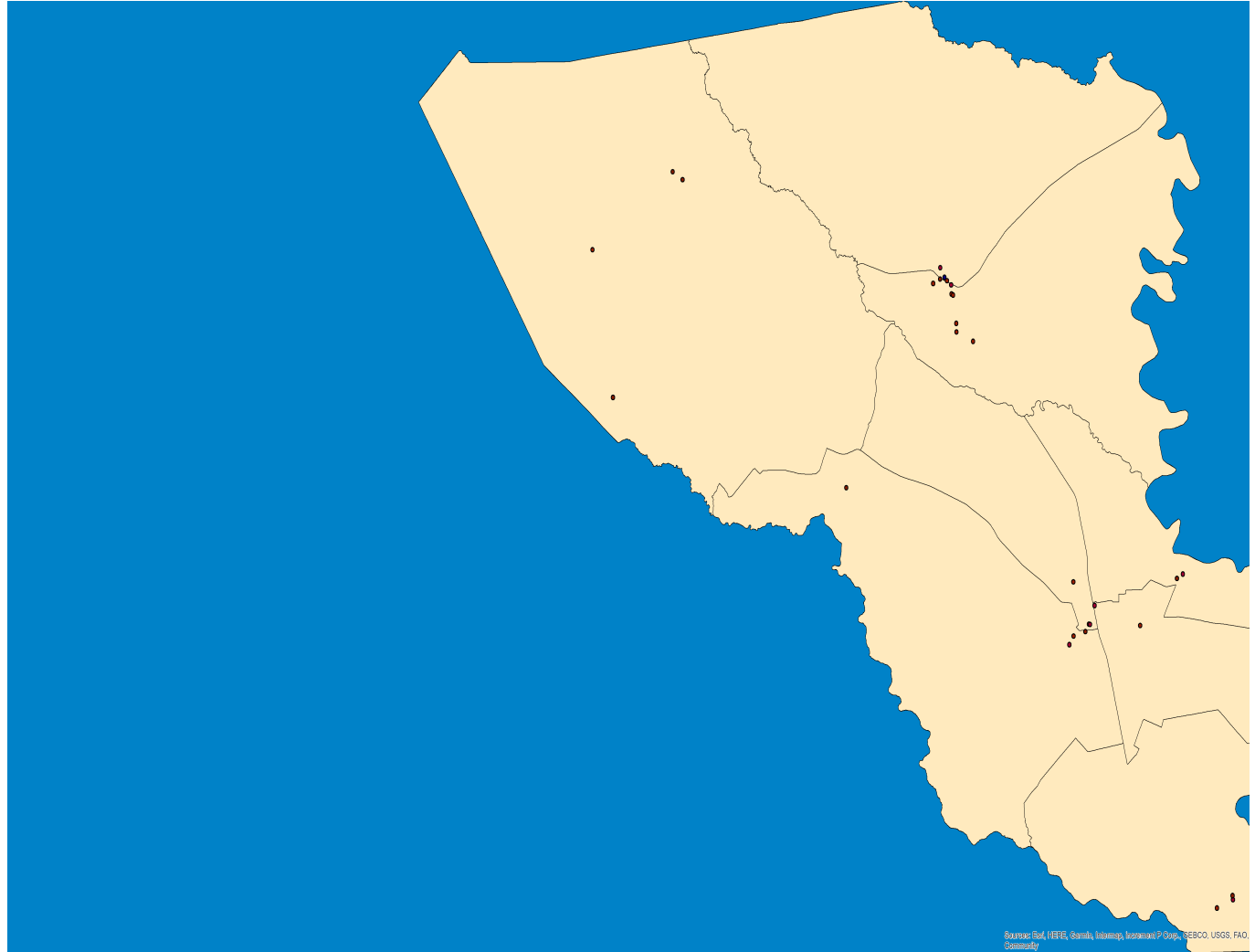


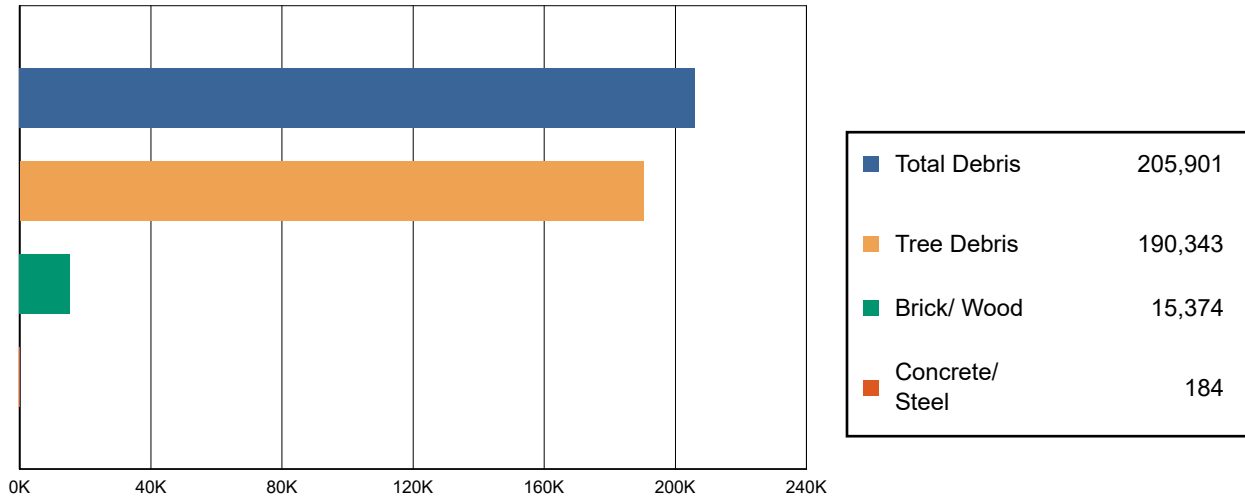
Table 4: Expected Damage to Essential Facilities

Classification	Total	# Facilities		
		Probability of at Least Moderate Damage > 50%	Probability of Complete Damage > 50%	Expected Loss of Use < 1 day
EOCs	2	0	0	2
Fire Stations	8	0	0	8
Hospitals	1	0	0	1
Police Stations	7	0	0	7
Schools	16	0	0	2

Induced Hurricane Damage

Debris Generation

Estimated Debris (Tons)

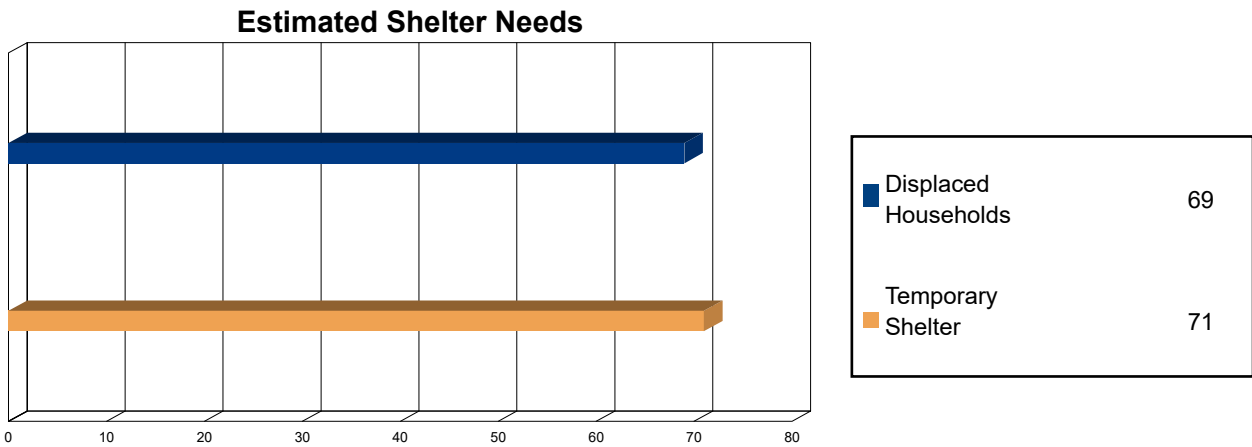


Hazus estimates the amount of debris that will be generated by the hurricane. The model breaks the debris into four general categories: a) Brick/Wood, b) Reinforced Concrete/Steel, c) Eligible Tree Debris, and d) Other Tree Debris. This distinction is made because of the different types of material handling equipment required to handle the debris.

The model estimates that a total of 205,901 tons of debris will be generated. Of the total amount, 177,688 tons (86%) is Other Tree Debris. Of the remaining 28,213 tons, Brick/Wood comprises 54% of the total, Reinforced Concrete/Steel comprises of 1% of the total, with the remainder being Eligible Tree Debris. If the building debris tonnage is converted to an estimated number of truckloads, it will require 622 truckloads (@25 tons/truck) to remove the building debris generated by the hurricane. The number of Eligible Tree Debris truckloads will depend on how the 12,655 tons of Eligible Tree Debris are collected and processed. The volume of tree debris generally ranges from about 4 cubic yards per ton for chipped or compacted tree debris to about 10 cubic yards per ton for bulkier, uncompacted debris.

Social Impact

Shelter Requirement



Hazus estimates the number of households that are expected to be displaced from their homes due to the hurricane and the number of displaced people that will require accommodations in temporary public shelters. The model estimates 69 households to be displaced due to the hurricane. Of these, 71 people (out of a total population of 30,167) will seek temporary shelter in public shelters.



Economic Loss

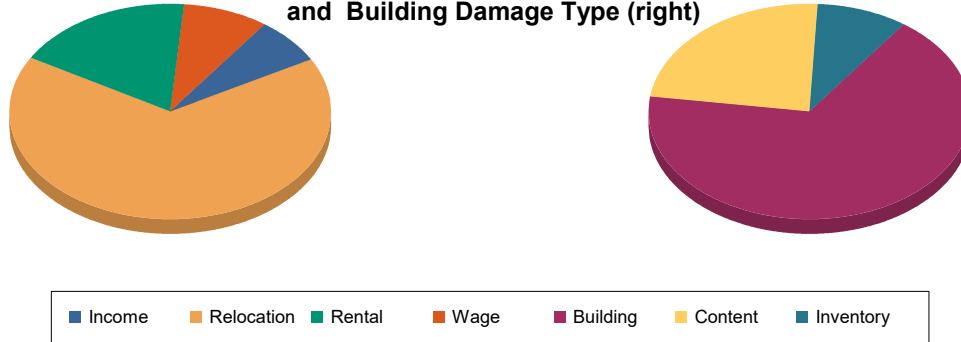
The total economic loss estimated for the hurricane is 217.2 million dollars, which represents 3.05 % of the total replacement value of the region's buildings.

Building-Related Losses

The building related losses are broken into two categories: direct property damage losses and business interruption losses. The direct property damage losses are the estimated costs to repair or replace the damage caused to the building and its contents. The business interruption losses are the losses associated with inability to operate a business because of the damage sustained during the hurricane. Business interruption losses also include the temporary living expenses for those people displaced from their homes because of the hurricane.

The total property damage losses were 217 million dollars. 14% of the estimated losses were related to the business interruption of the region. By far, the largest loss was sustained by the residential occupancies which made up over 45% of the total loss. Table 5 below provides a summary of the losses associated with the building damage.

Loss by Business Interruption Type (left) and Building Damage Type (right)



Loss Type by General Occupancy

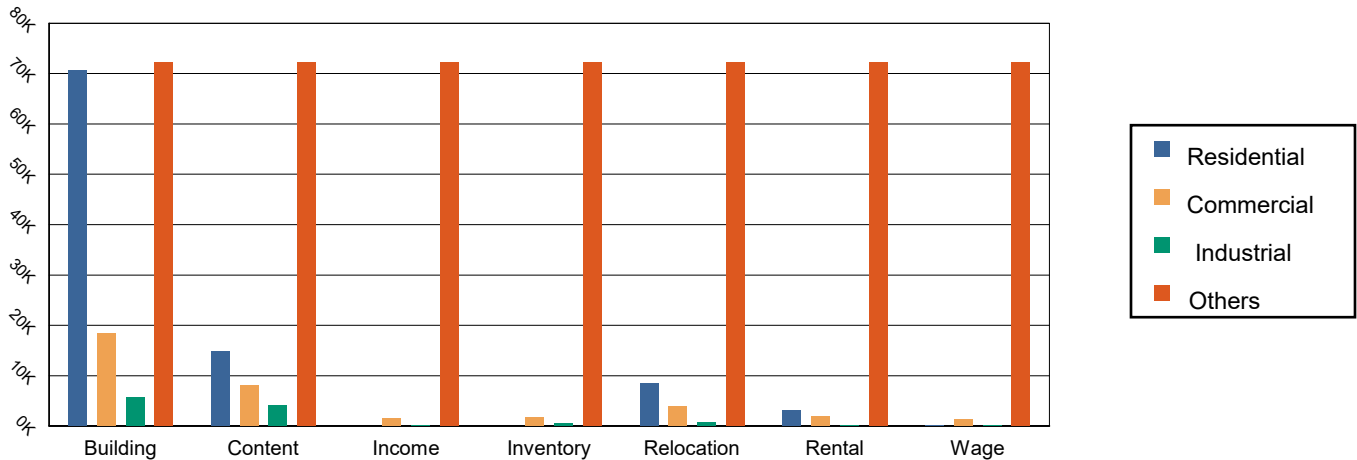


Table 5: Building-Related Economic Loss Estimates
(Thousands of dollars)

Category	Area	Residential	Commercial	Industrial	Others	Total
Property Damage						
	Building	70,636.16	18,338.88	5,686.67	31,703.43	126,365.14
	Content	14,825.36	8,066.65	4,044.68	17,435.53	44,372.22
	Inventory	0.00	1,706.58	589.17	14,781.96	17,077.71
	Subtotal	85,461.52	28,112.12	10,320.52	63,920.92	187,815.07
Business Interruption Loss						
	Income	25.05	1,575.85	82.51	350.18	2,033.60
	Relocation	8,392.14	3,885.48	649.92	6,551.47	19,479.02
	Rental	3,060.88	1,893.36	78.31	276.39	5,308.94
	Wage	59.03	1,306.59	108.87	1,060.97	2,535.46
	Subtotal	11,537.10	8,661.28	919.62	8,239.01	29,357.01



FEMA

Total

Total	96,998.62	36,773.40	11,240.14	72,159.93	217,172.09
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FEMA

Appendix A: County Listing for the Region

Texas

- Austin



Appendix B: Regional Population and Building Value Data

	Population	Building Value (thousands of dollars)		Total
		Residential	Non-Residential	
Texas				
Austin	30,167	3,231,643	3,887,249	7,118,892
Total	30,167	3,231,643	3,887,249	7,118,892
Study Region Total	30,167	3,231,643	3,887,249	7,118,892



Hazus: Hurricane Global Risk Report

Region Name: Austin County

Hurricane Scenario: Probabilistic 500-year Return Period

Print Date: Thursday, May 11, 2023

Disclaimer:

Totals only reflect data for those census tracts/blocks included in the user's study region.

The estimates of social and economic impacts contained in this report were produced using Hazus loss estimation methodology software which is based on current scientific and engineering knowledge. There are uncertainties inherent in any loss estimation technique.

Therefore, there may be significant differences between the modeled results contained in this report and the actual social and economic losses following a specific Hurricane. These results can be improved by using enhanced inventory data.



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General Description of the Region

Hazus is a regional multi-hazard loss estimation model that was developed by the Federal Emergency Management Agency and the National Institute of Building Sciences. The primary purpose of Hazus is to provide a methodology and software application to develop multi-hazard losses at a regional scale. These loss estimates would be used primarily by local, state and regional officials to plan and stimulate efforts to reduce risks from multi-hazards and to prepare for emergency response and recovery.

The hurricane loss estimates provided in this report are based on a region that includes 1 county(ies) from the following state(s):

- Texas

Note:

Appendix A contains a complete listing of the counties contained in the region .

The geographical size of the region is 656.97 square miles and contains 8 census tracts. There are over 11 thousand households in the region and a total population of 30,167 people. The distribution of population by State and County is provided in Appendix B.

There are an estimated 16 thousand buildings in the region with a total building replacement value (excluding contents) of 7,119 million dollars. Approximately 73% of the buildings (and 45% of the building value) are associated with residential housing.

Building Inventory

General Building Stock

Hazus estimates that there are 16,856 buildings in the region which have an aggregate total replacement value of Table 1 presents the relative distribution of the value with respect to the general occupancies. Appendix B provides distribution of the building value by State and County.

Building Exposure by Occupancy Type

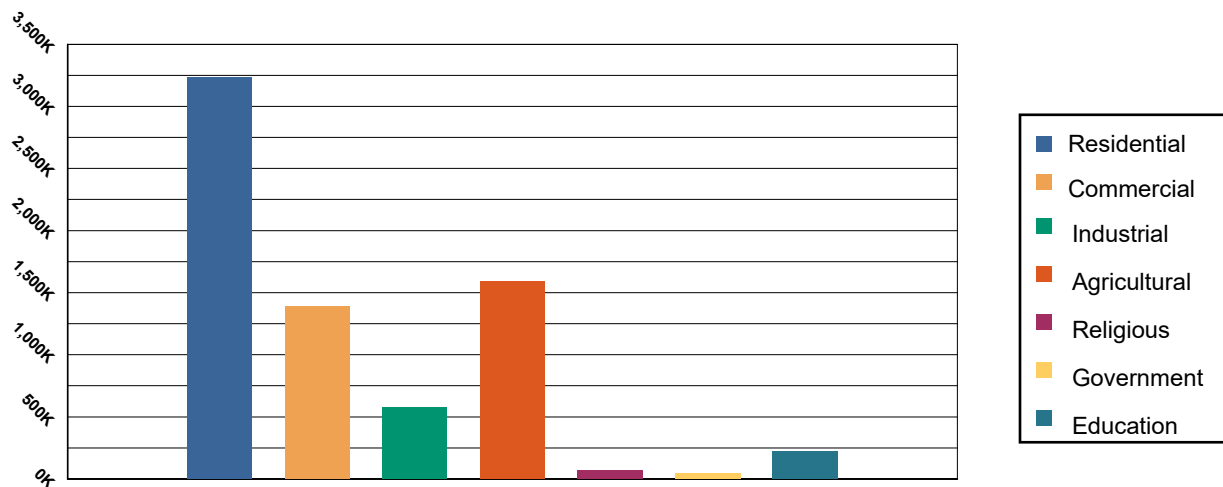


Table 1: Building Exposure by Occupancy Type

Occupancy	Exposure (\$1000)	Percent of Tot
Residential	3,231,643	45.40%
Commercial	1,391,404	19.55%
Industrial	573,347	8.05%
Agricultural	1,591,646	22.36%
Religious	67,908	0.95%
Government	44,684	0.63%
Education	218,260	3.07%
Total	7,118,892	100.00%

Essential Facility Inventory

For essential facilities, there are 1 hospitals in the region with a total bed capacity of 32 beds. There are 16 schools, 8 fire stations, 7 police stations and 2 emergency operation facilities.



FEMA

Hurricane Scenario

Hazus used the following set of information to define the hurricane parameters for the hurricane loss estimate provided in this report.

Scenario Name: Probabilistic

Type: Probabilistic

Building Damage

General Building Stock Damage

Hazus estimates that about 4,264 buildings will be at least moderately damaged. This is over 25% of the total number of buildings in the region. There are an estimated 590 buildings that will be completely destroyed. The definition of the 'damage states' is provided in the Hazus Hurricane technical manual. Table 2 below summarizes the expected damage by general occupancy for the buildings in the region. Table 3 summarizes the expected damage by general building type.

Expected Building Damage by Occupancy

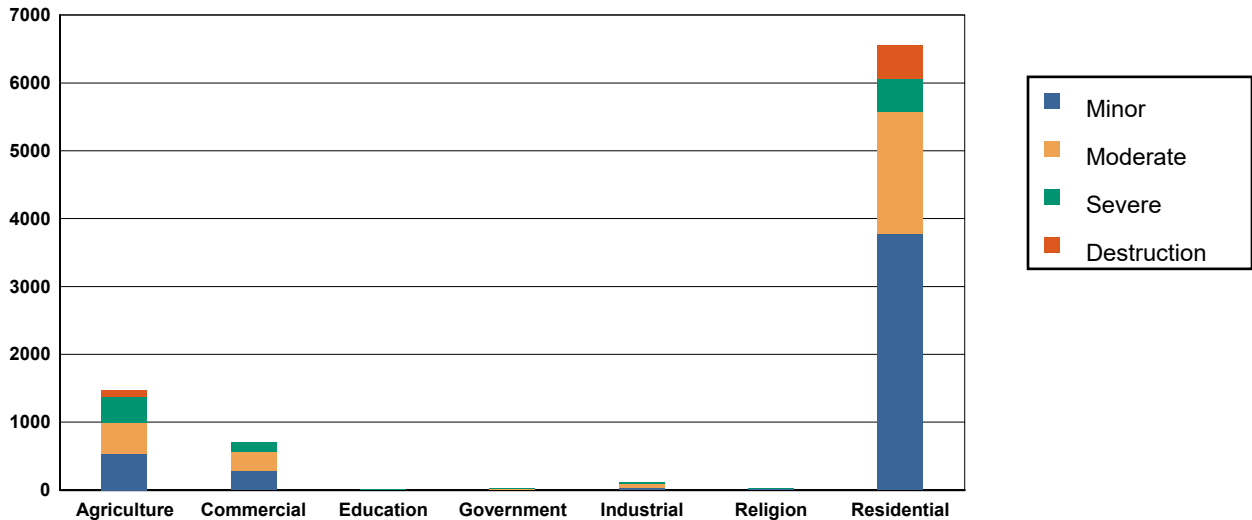


Table 2: Expected Building Damage by Occupancy : 500 - year Event

Occupancy	None		Minor		Moderate		Severe		Destruction	
	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)
Agriculture	1,571.00	51.63	531.23	17.46	468.01	15.38	377.04	12.39	95.72	3.15
Commercial	487.23	40.84	278.97	23.38	291.98	24.47	132.79	11.13	2.02	0.17
Education	10.11	45.97	4.78	21.72	4.48	20.35	2.63	11.95	0.00	0.01
Government	20.21	48.11	9.15	21.79	7.96	18.96	4.67	11.13	0.00	0.01
Industrial	91.91	44.40	43.80	21.16	42.90	20.72	27.83	13.45	0.55	0.27
Religion	27.34	45.57	15.01	25.01	11.44	19.07	6.20	10.34	0.01	0.02
Residential	5,729.97	46.63	3,771.34	30.69	1,810.53	14.73	485.84	3.95	491.33	4.00
Total	7,937.77		4,654.28		2,637.30		1,037.01		589.64	



Table 3: Expected Building Damage by Building Type : 500 - year Event

Building Type	None		Minor		Moderate		Severe		Destruction	
	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)
Concrete	603	54.21	207	18.61	199	17.88	104	9.30	0	0.00
Masonry	1,084	42.23	498	19.40	488	19.01	388	15.13	109	4.24
MH	1,395	59.91	270	11.58	321	13.78	55	2.37	288	12.36
Steel	707	51.36	245	17.82	272	19.76	151	10.97	1	0.10
Wood	4,262	44.99	3,281	34.63	1,366	14.42	362	3.82	202	2.14



FEMA

Essential Facility Damage

Before the hurricane, the region had 32 hospital beds available for use. On the day of the hurricane, the model estimates that 0 hospital beds (0%) are available for use by patients already in the hospital and those injured by the hurricane. After one week, 100% of the beds will be in service. By 30 days, 100% will be operational.

Thematic Map of Essential Facilities

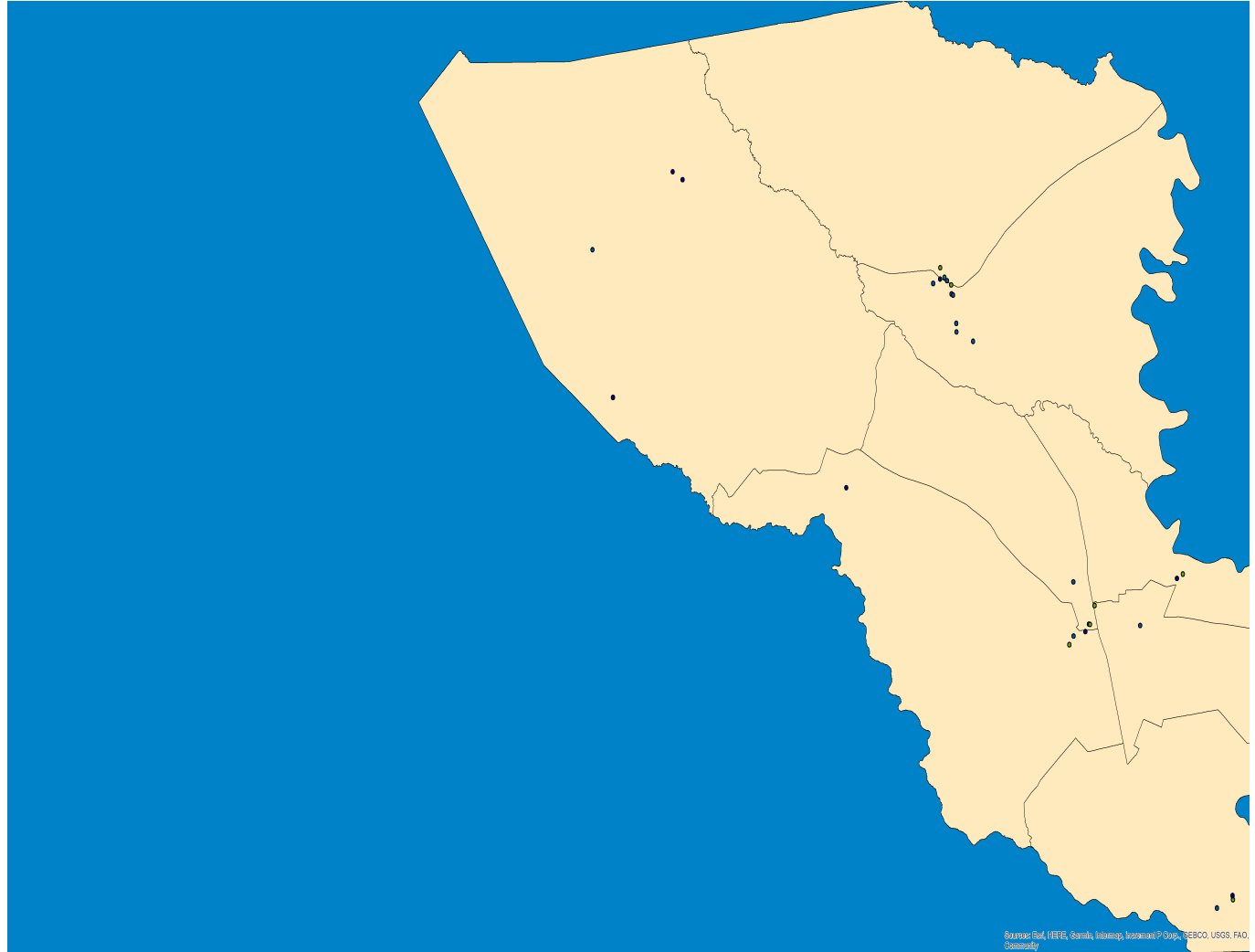


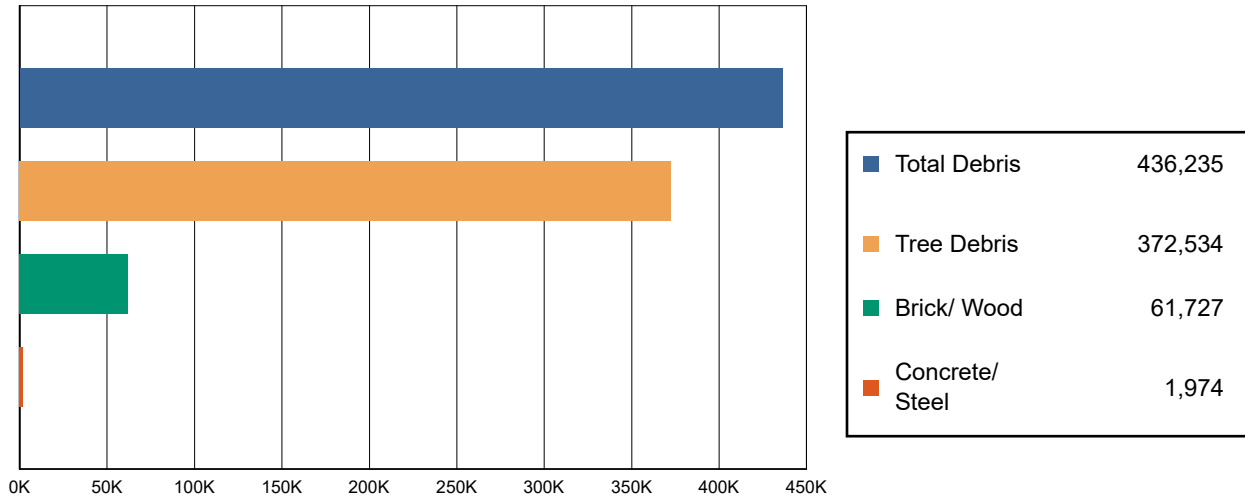
Table 4: Expected Damage to Essential Facilities

Classification	Total	# Facilities		
		Probability of at Least Moderate Damage > 50%	Probability of Complete Damage > 50%	Expected Loss of Use < 1 day
EOCs	2	0	0	2
Fire Stations	8	1	0	8
Hospitals	1	0	0	0
Police Stations	7	4	0	7
Schools	16	9	0	0

Induced Hurricane Damage

Debris Generation

Estimated Debris (Tons)

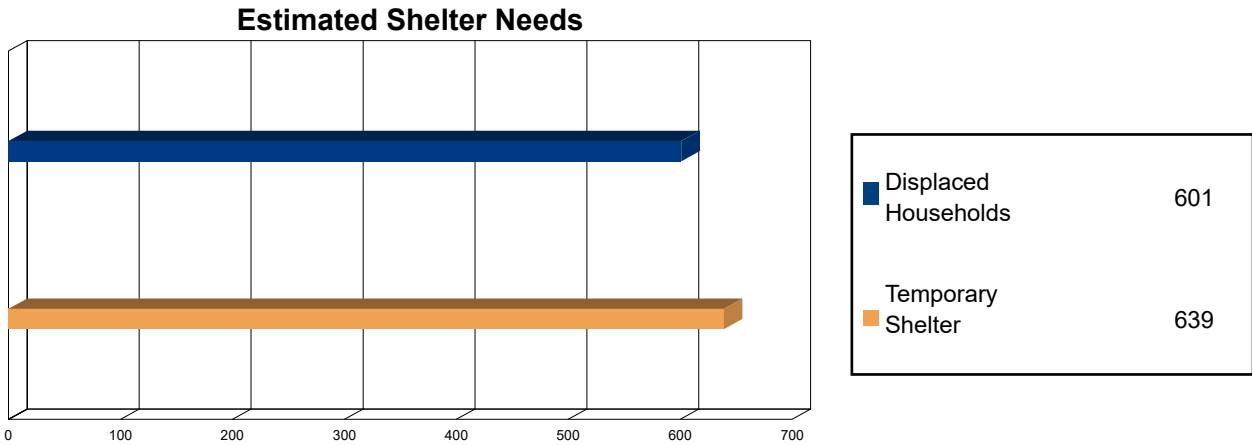


Hazus estimates the amount of debris that will be generated by the hurricane. The model breaks the debris into four general categories: a) Brick/Wood, b) Reinforced Concrete/Steel, c) Eligible Tree Debris, and d) Other Tree Debris. This distinction is made because of the different types of material handling equipment required to handle the debris.

The model estimates that a total of 436,235 tons of debris will be generated. Of the total amount, 347,588 tons (80%) is Other Tree Debris. Of the remaining 88,647 tons, Brick/Wood comprises 70% of the total, Reinforced Concrete/Steel comprises of 2% of the total, with the remainder being Eligible Tree Debris. If the building debris tonnage is converted to an estimated number of truckloads, it will require 2548 truckloads (@25 tons/truck) to remove the building debris generated by the hurricane. The number of Eligible Tree Debris truckloads will depend on how the 24,946 tons of Eligible Tree Debris are collected and processed. The volume of tree debris generally ranges from about 4 cubic yards per ton for chipped or compacted tree debris to about 10 cubic yards per ton for bulkier, uncompacted debris.

Social Impact

Shelter Requirement



Hazus estimates the number of households that are expected to be displaced from their homes due to the hurricane and the number of displaced people that will require accommodations in temporary public shelters. The model estimates 601 households to be displaced due to the hurricane. Of these, 639 people (out of a total population of 30,167) will seek temporary shelter in public shelters.



Economic Loss

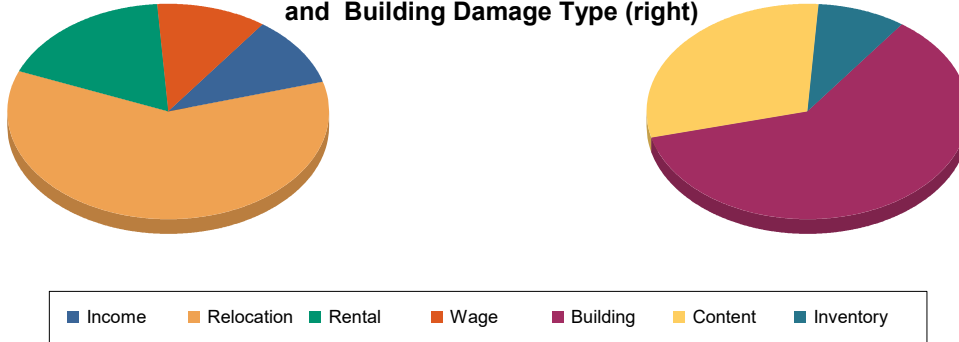
The total economic loss estimated for the hurricane is 1019.9 million dollars, which represents 14.33 % of the total replacement value of the region's buildings.

Building-Related Losses

The building related losses are broken into two categories: direct property damage losses and business interruption losses. The direct property damage losses are the estimated costs to repair or replace the damage caused to the building and its contents. The business interruption losses are the losses associated with inability to operate a business because of the damage sustained during the hurricane. Business interruption losses also include the temporary living expenses for those people displaced from their homes because of the hurricane.

The total property damage losses were 1,020 million dollars. 14% of the estimated losses were related to the business interruption of the region. By far, the largest loss was sustained by the residential occupancies which made up over 44% of the total loss. Table 5 below provides a summary of the losses associated with the building damage.

Loss by Business Interruption Type (left) and Building Damage Type (right)



Loss Type by General Occupancy

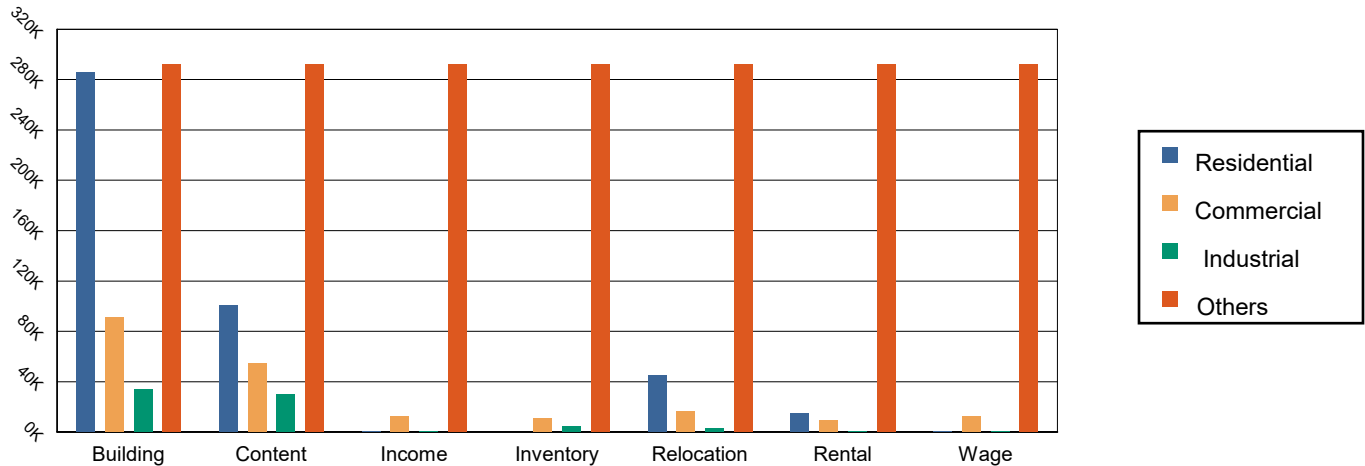


Table 5: Building-Related Economic Loss Estimates
(Thousands of dollars)

Category	Area	Residential	Commercial	Industrial	Others	Total
Property Damage						
	Building	285,856.51	91,135.28	33,803.56	123,313.00	534,108.34
	Content	100,601.85	54,247.41	30,062.07	77,967.95	262,879.27
	Inventory	0.00	10,955.78	4,353.51	61,738.30	77,047.59
	Subtotal	386,458.35	156,338.47	68,219.14	263,019.24	874,035.20
Business Interruption Loss						
	Income	291.78	12,507.97	551.24	2,055.99	15,406.97
	Relocation	45,331.91	16,593.71	2,842.14	23,452.70	88,220.46
	Rental	15,120.85	9,392.51	449.14	1,180.97	26,143.47
	Wage	687.00	12,215.35	826.77	2,361.04	16,090.16
	Subtotal	61,431.53	50,709.54	4,669.29	29,050.70	145,861.07



FEMA

Total

Total	447,889.88	207,048.01	72,888.43	292,069.94	1,019,896.26
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Appendix A: County Listing for the Region

Texas
- Austin



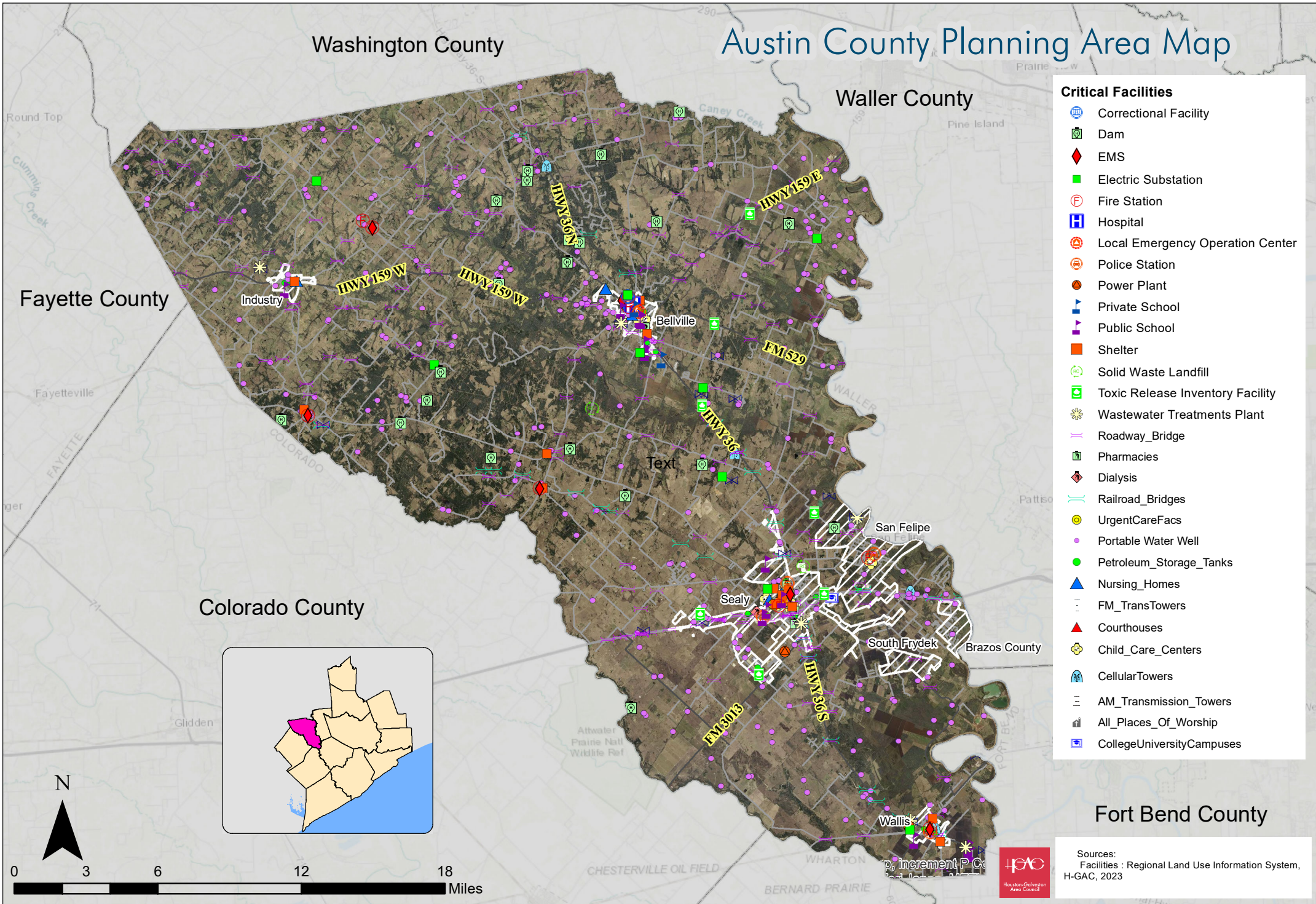
Appendix B: Regional Population and Building Value Data

	Population	Building Value (thousands of dollars)		
		Residential	Non-Residential	Total
Texas				
Austin	30,167	3,231,643	3,887,249	7,118,892
Total	30,167	3,231,643	3,887,249	7,118,892
Study Region Total	30,167	3,231,643	3,887,249	7,118,892

Appendix B

H-GAC MAPS


Austin County Planning Area Map



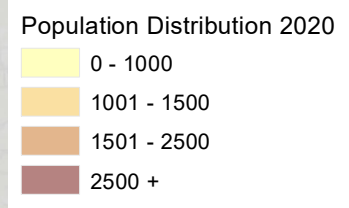
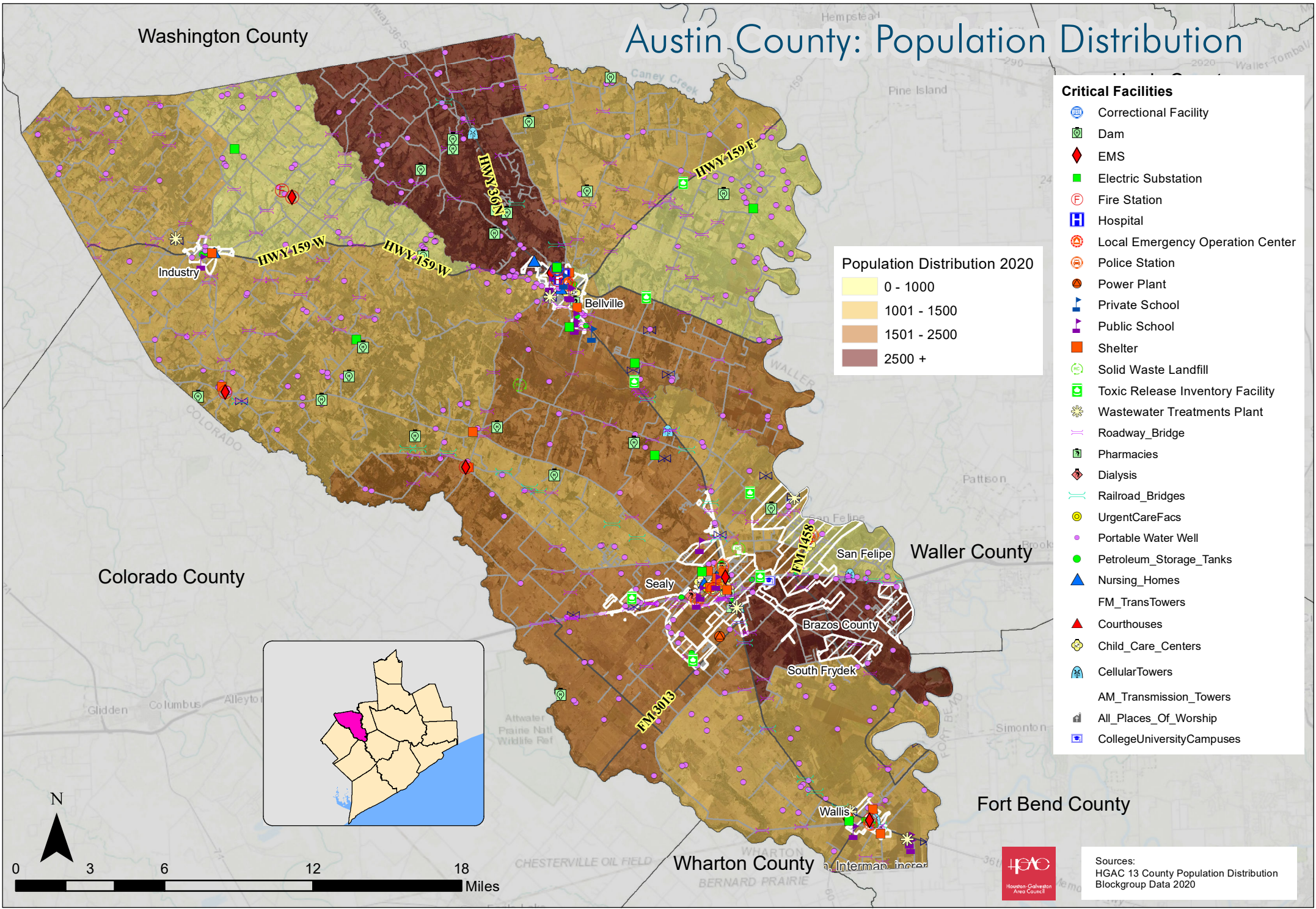
- Critical Facilities**
- Correctional Facility
 - Dam
 - EMS
 - Electric Substation
 - Fire Station
 - Hospital
 - Local Emergency Operation Center
 - Police Station
 - Power Plant
 - Private School
 - Public School
 - Shelter
 - Solid Waste Landfill
 - Toxic Release Inventory Facility
 - Wastewater Treatments Plant
 - Roadway_Bridge
 - Pharmacies
 - Dialysis
 - Railroad_Bridges
 - UrgentCareFacs
 - Portable Water Well
 - Petroleum_Storage_Tanks
 - Nursing_Homes
 - FM_TransTowers
 - Courthouses
 - Child_Care_Centers
 - CellularTowers
 - AM_Transmission_Towers
 - All_Places_Of_Worship
 - CollegeUniversityCampuses

Fort Bend County

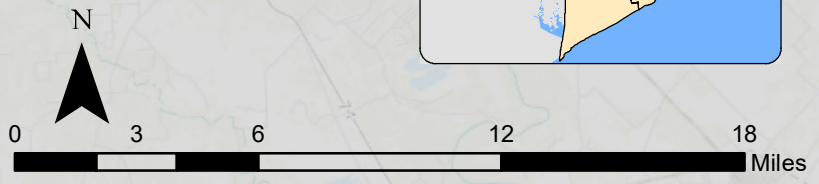
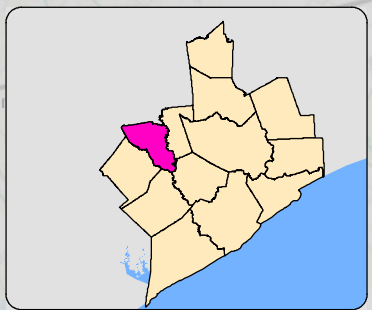
Sources:
 Facilities : Regional Land Use Information System,
 H-GAC, 2023



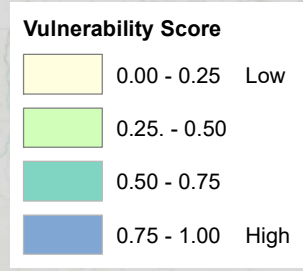
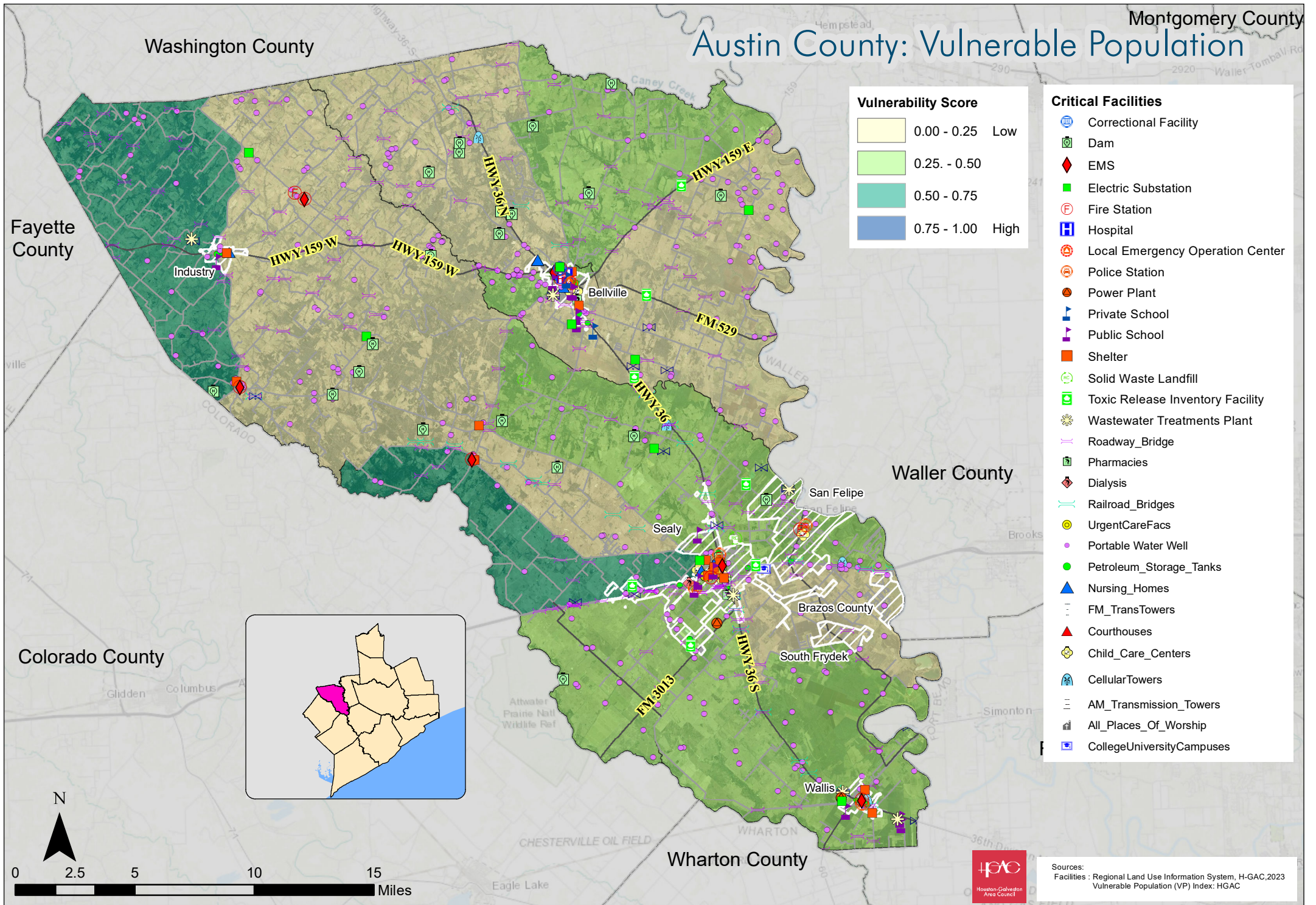
Austin County: Population Distribution



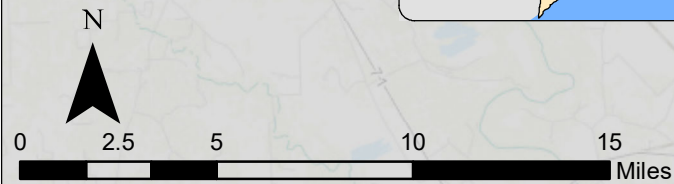
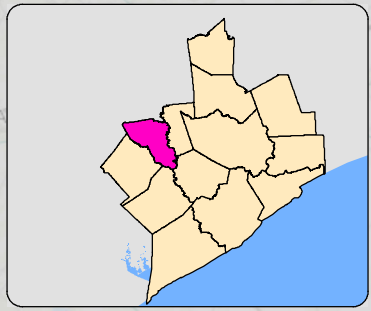
- Critical Facilities**
- Correctional Facility
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 - Fire Station
 - Hospital
 - Local Emergency Operation Center
 - Police Station
 - Power Plant
 - Private School
 - Public School
 - Shelter
 - Solid Waste Landfill
 - Toxic Release Inventory Facility
 - Wastewater Treatments Plant
 - Roadway_Bridge
 - Pharmacies
 - Dialysis
 - Railroad_Bridges
 - UrgentCareFacs
 - Portable Water Well
 - Petroleum_Storage_Tanks
 - Nursing_Homes
 - FM_TransTowers
 - Courthouses
 - Child_Care_Centers
 - CellularTowers
 - AM_Transmission_Towers
 - All_Places_Of_Worship
 - CollegeUniversityCampuses



Austin County: Vulnerable Population

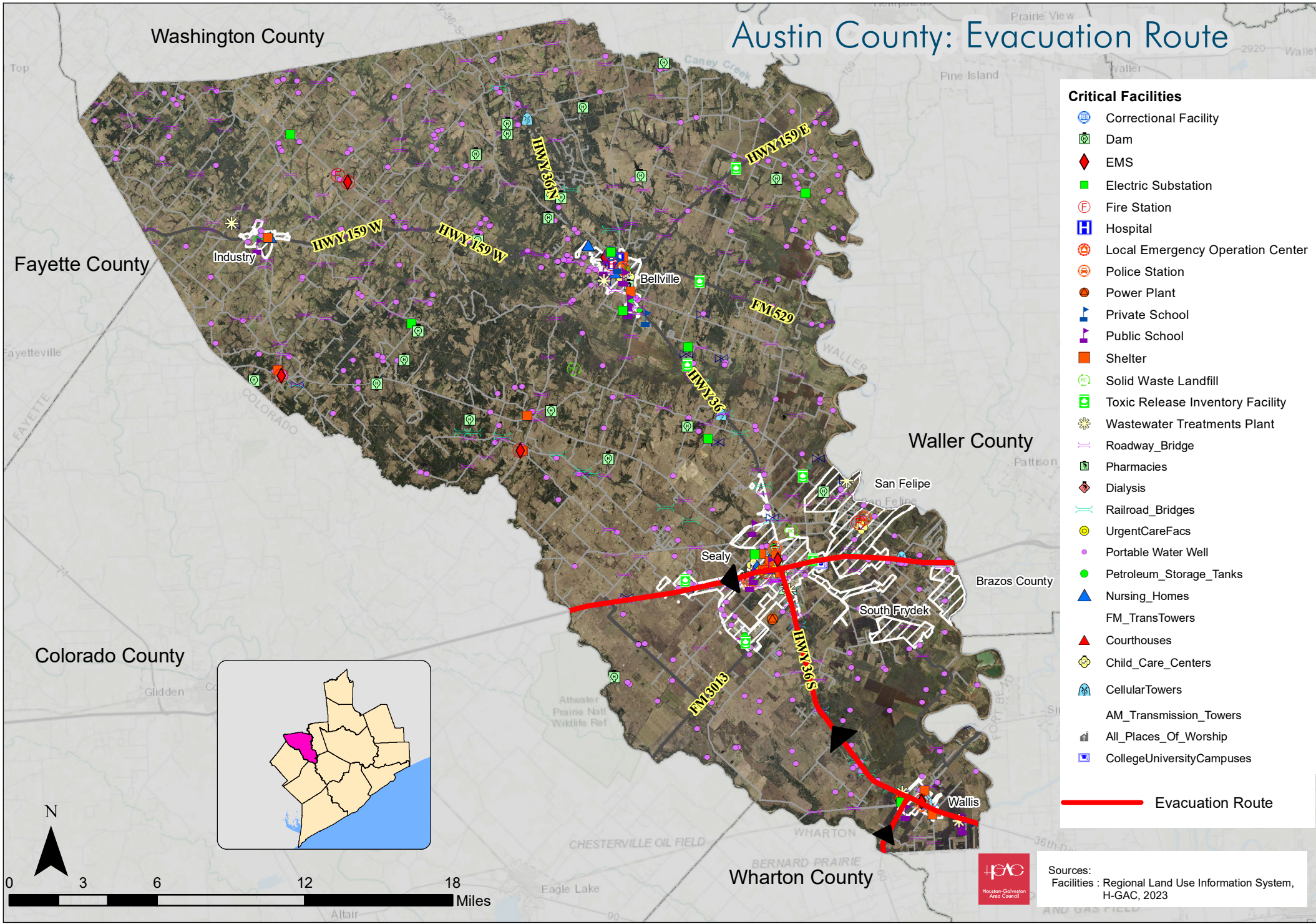


- Critical Facilities**
- Correctional Facility
 - Dam
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 - Fire Station
 - Hospital
 - Local Emergency Operation Center
 - Police Station
 - Power Plant
 - Private School
 - Public School
 - Shelter
 - Solid Waste Landfill
 - Toxic Release Inventory Facility
 - Wastewater Treatments Plant
 - Roadway_Bridge
 - Pharmacies
 - Dialysis
 - Railroad_Bridges
 - UrgentCareFacs
 - Portable Water Well
 - Petroleum_Storage_Tanks
 - Nursing_Homes
 - FM_TransTowers
 - Courthouses
 - Child_Care_Centers
 - CellularTowers
 - AM_Transmission_Towers
 - All_Places_Of_Worship
 - CollegeUniversityCampuses



Sources: Regional Land Use Information System, H-GAC, 2023
 Vulnerable Population (VP) Index: HGAC

Austin County: Evacuation Route



Critical Facilities

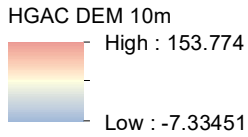
- Correctional Facility
- Dam
- EMS
- Electric Substation
- Fire Station
- Hospital
- Local Emergency Operation Center
- Police Station
- Power Plant
- Private School
- Public School
- Shelter
- Solid Waste Landfill
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- Child_Care_Centers
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- All_Places_Of_Worship
- CollegeUniversityCampuses

Evacuation Route

Sources:
 Facilities : Regional Land Use Information System,
 H-GAC, 2023



Austin County: Elevation



- Critical Facilities**
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 - Petroleum Storage Tanks
 - Nursing Homes
 - FM Transmission Towers
 - Courthouses
 - Child Care Centers
 - Cellular Towers
 - AM Transmission Towers
 - All Places Of Worship
 - College University Campuses

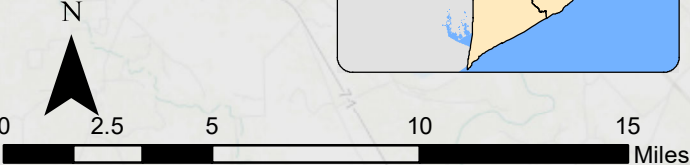
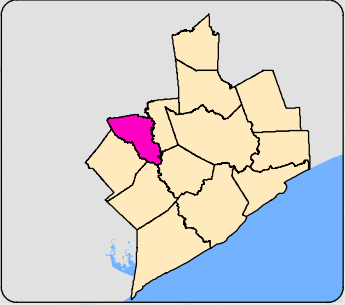
Fayette County

Washington County

Waller County

Colorado County

Wharton County

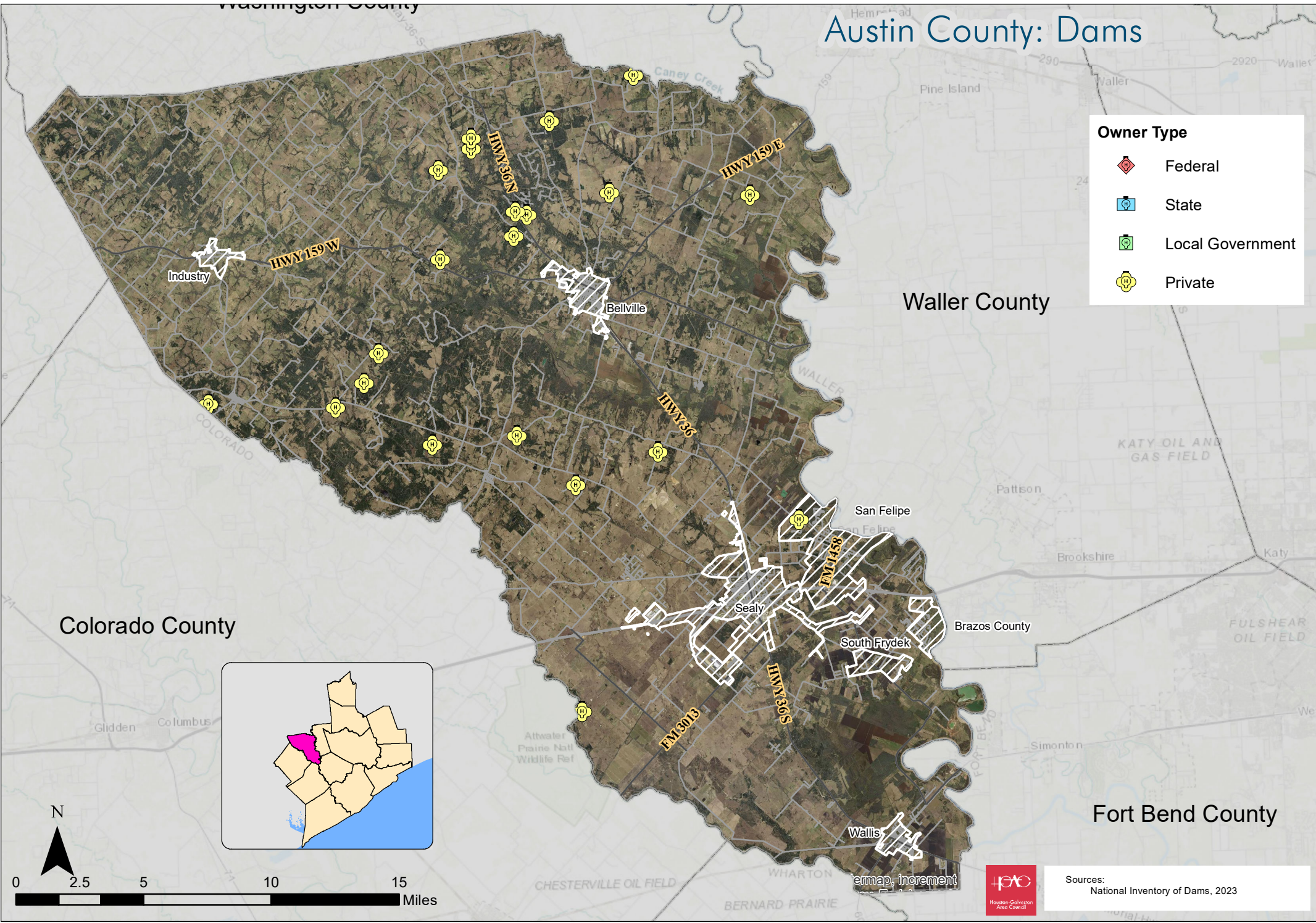


Sources:
Facilities : Regional Land Use Information System, H-GAC, 2023
Elevation Data: HGAC, 2023

Austin County: Dams

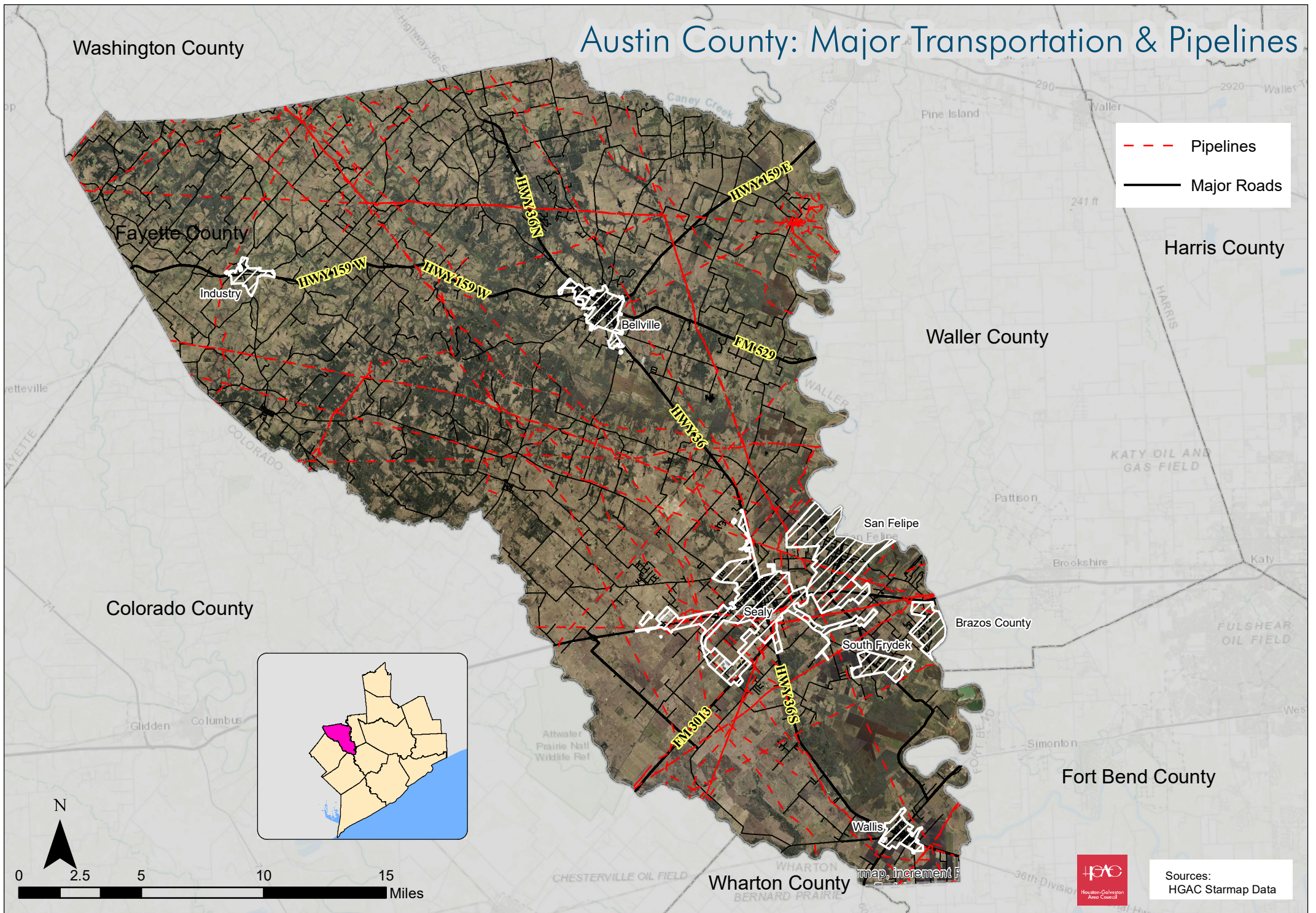
Owner Type

- Federal
- State
- Local Government
- Private

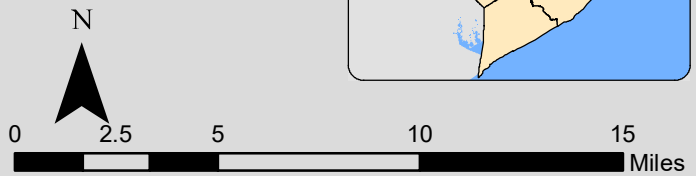
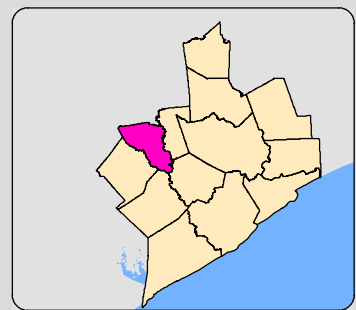
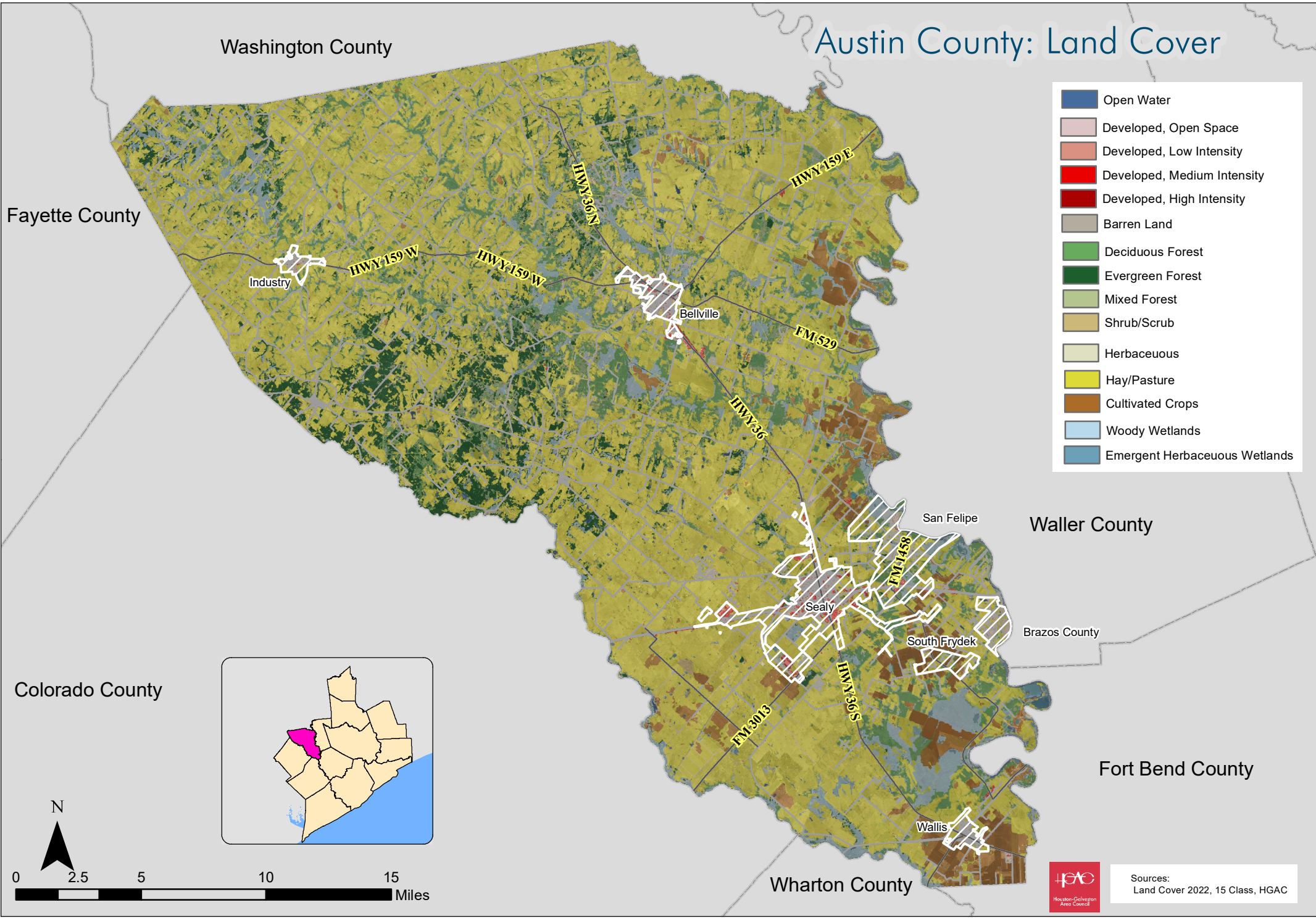


Sources:
National Inventory of Dams, 2023

Austin County: Major Transportation & Pipelines



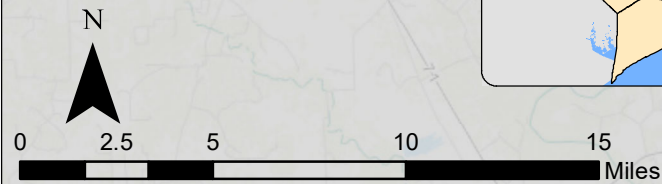
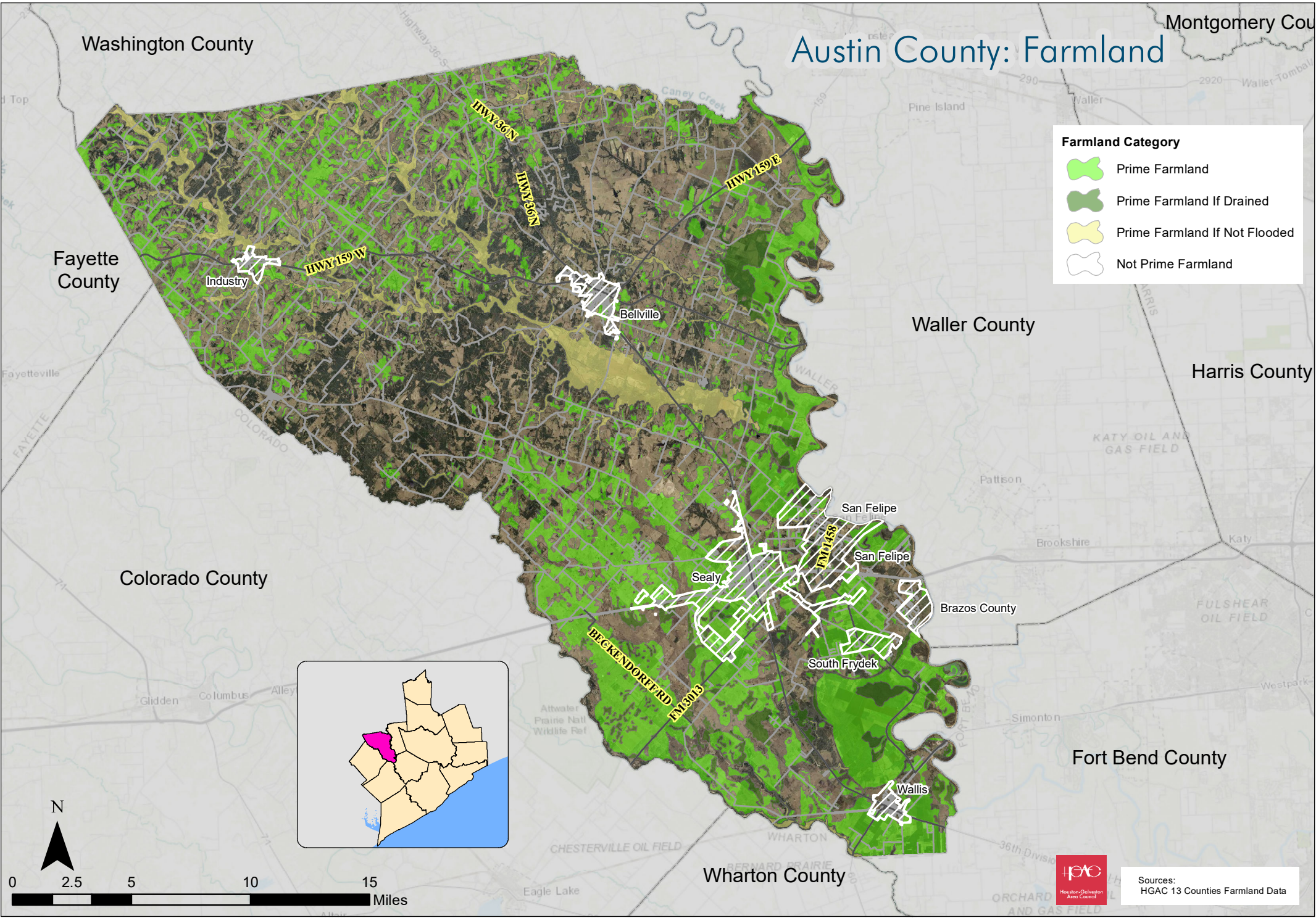
Austin County: Land Cover



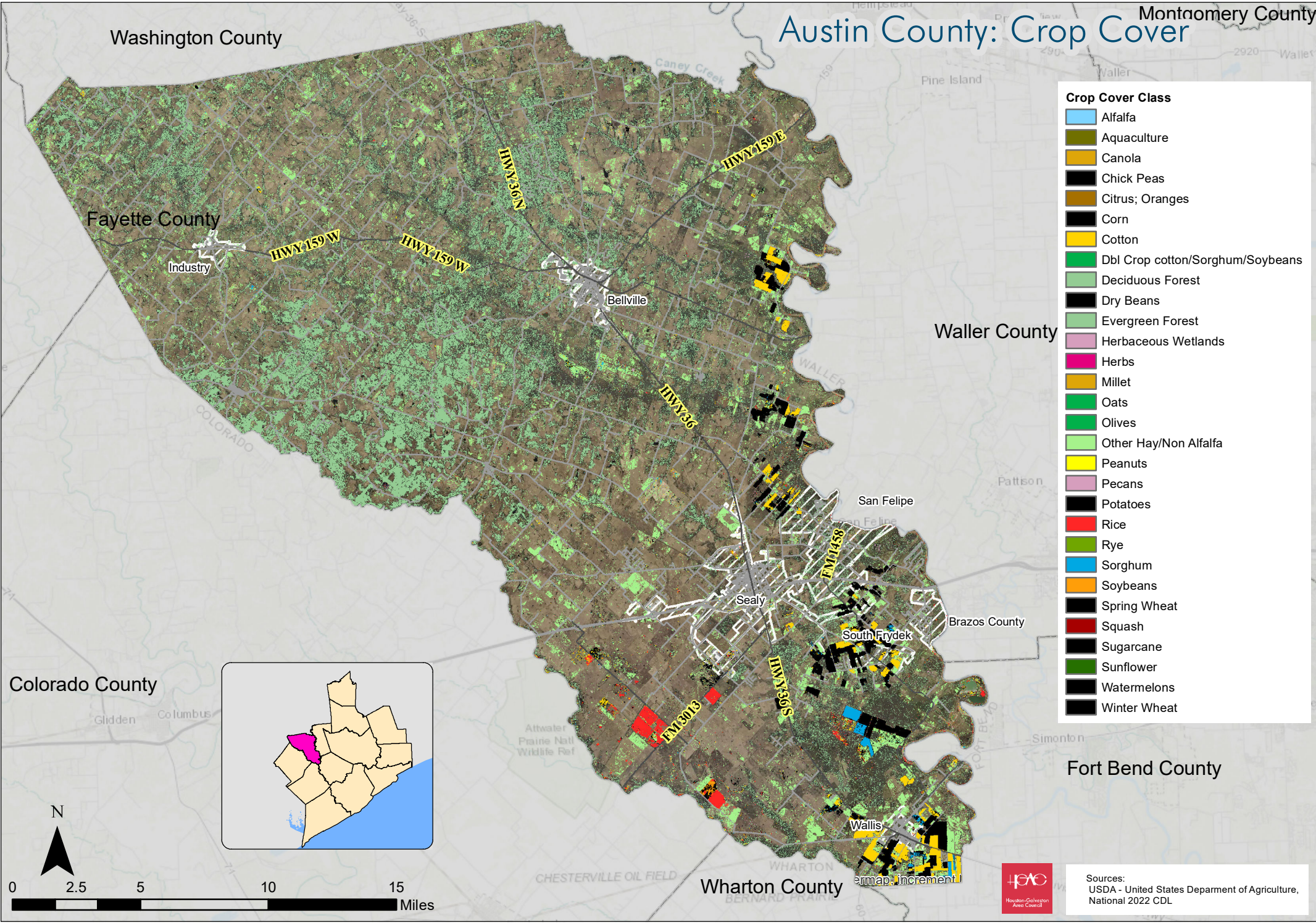
Austin County: Farmland

Farmland Category

- Prime Farmland
- Prime Farmland If Drained
- Prime Farmland If Not Flooded
- Not Prime Farmland



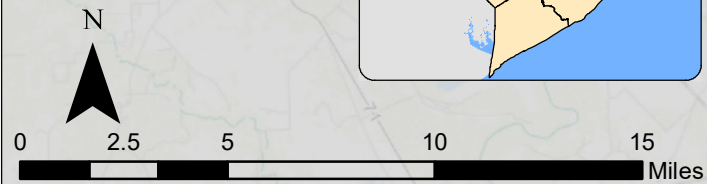
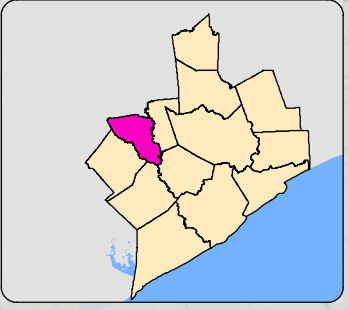
Austin County: Crop Cover



Crop Cover Class

Alfalfa
Aquaculture
Canola
Chick Peas
Citrus; Oranges
Corn
Cotton
Dbi Crop cotton/Sorghum/Soybeans
Deciduous Forest
Dry Beans
Evergreen Forest
Herbaceous Wetlands
Herbs
Millet
Oats
Olives
Other Hay/Non Alfalfa
Peanuts
Pecans
Potatoes
Rice
Rye
Sorghum
Soybeans
Spring Wheat
Squash
Sugarcane
Sunflower
Watermelons
Winter Wheat

Colorado County



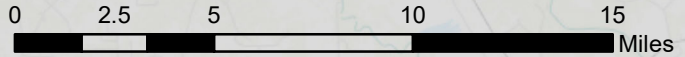
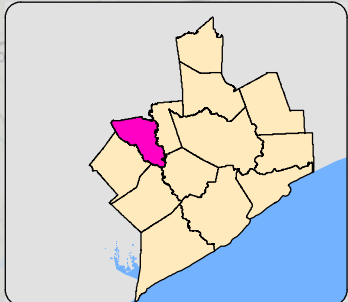
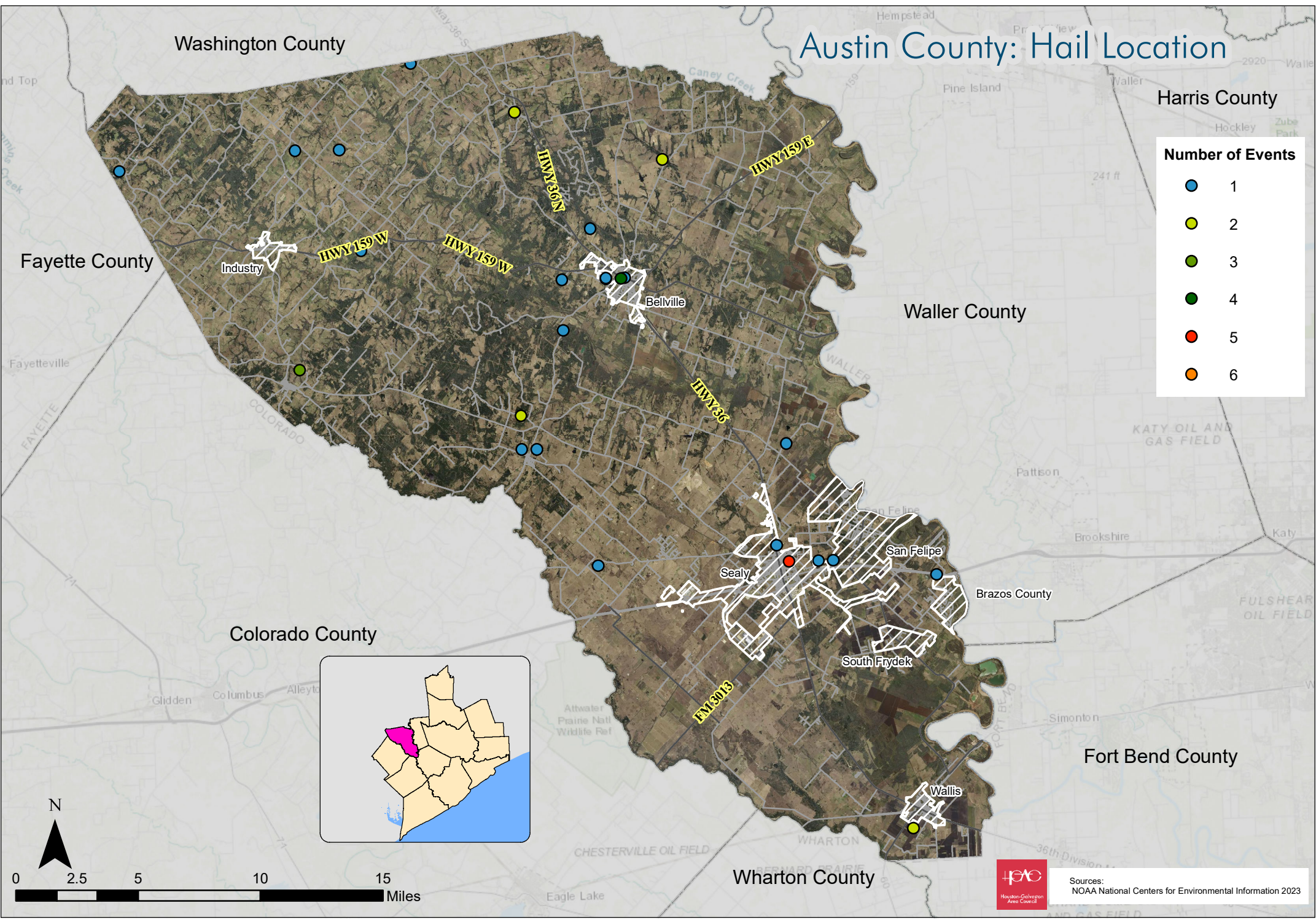
Sources:
 USDA - United States Department of Agriculture,
 National 2022 CDL

Austin County: Hail Location

Harris County

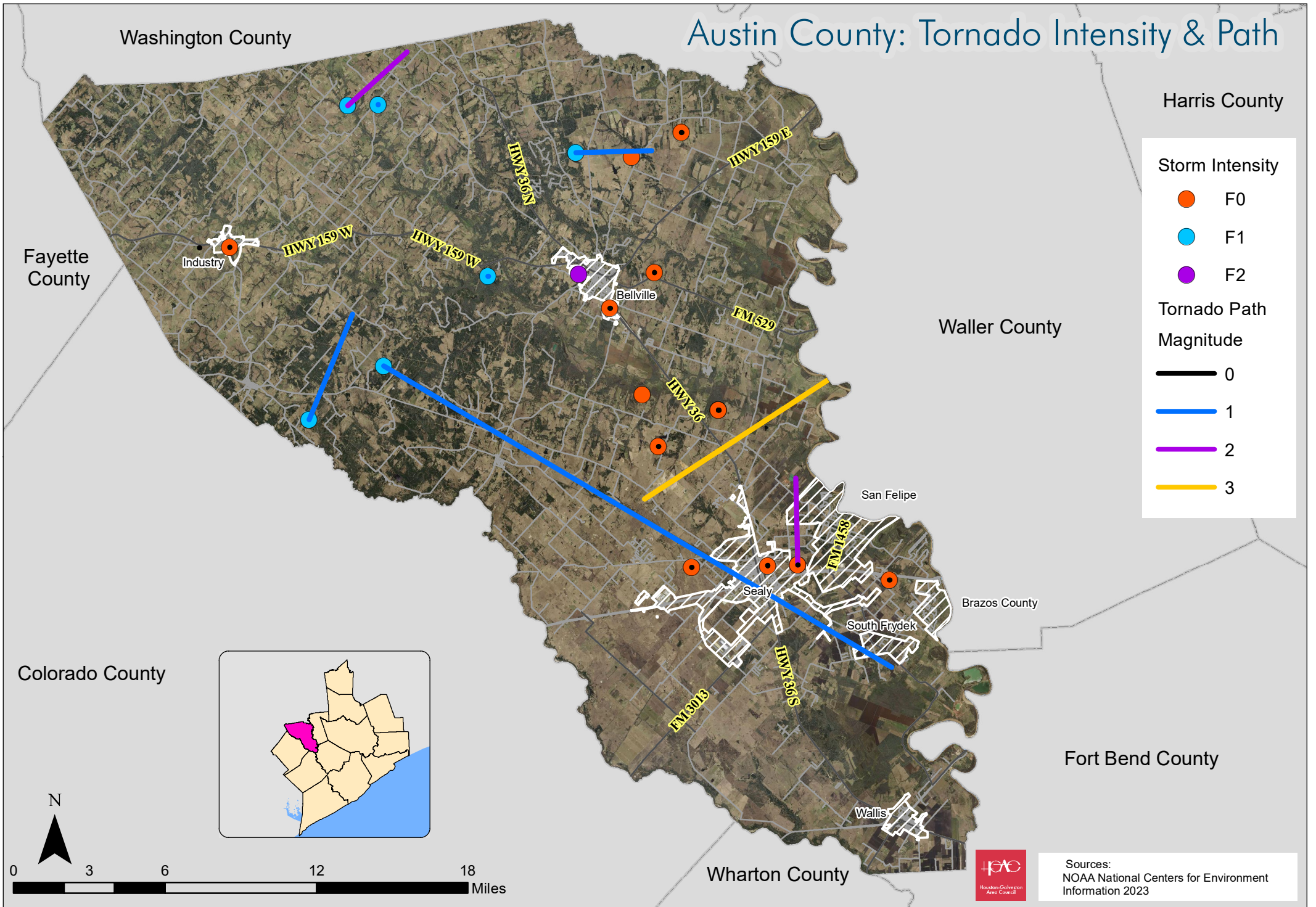
Number of Events

- 1 (Blue dot)
- 2 (Yellow dot)
- 3 (Light Green dot)
- 4 (Dark Green dot)
- 5 (Red dot)
- 6 (Orange dot)

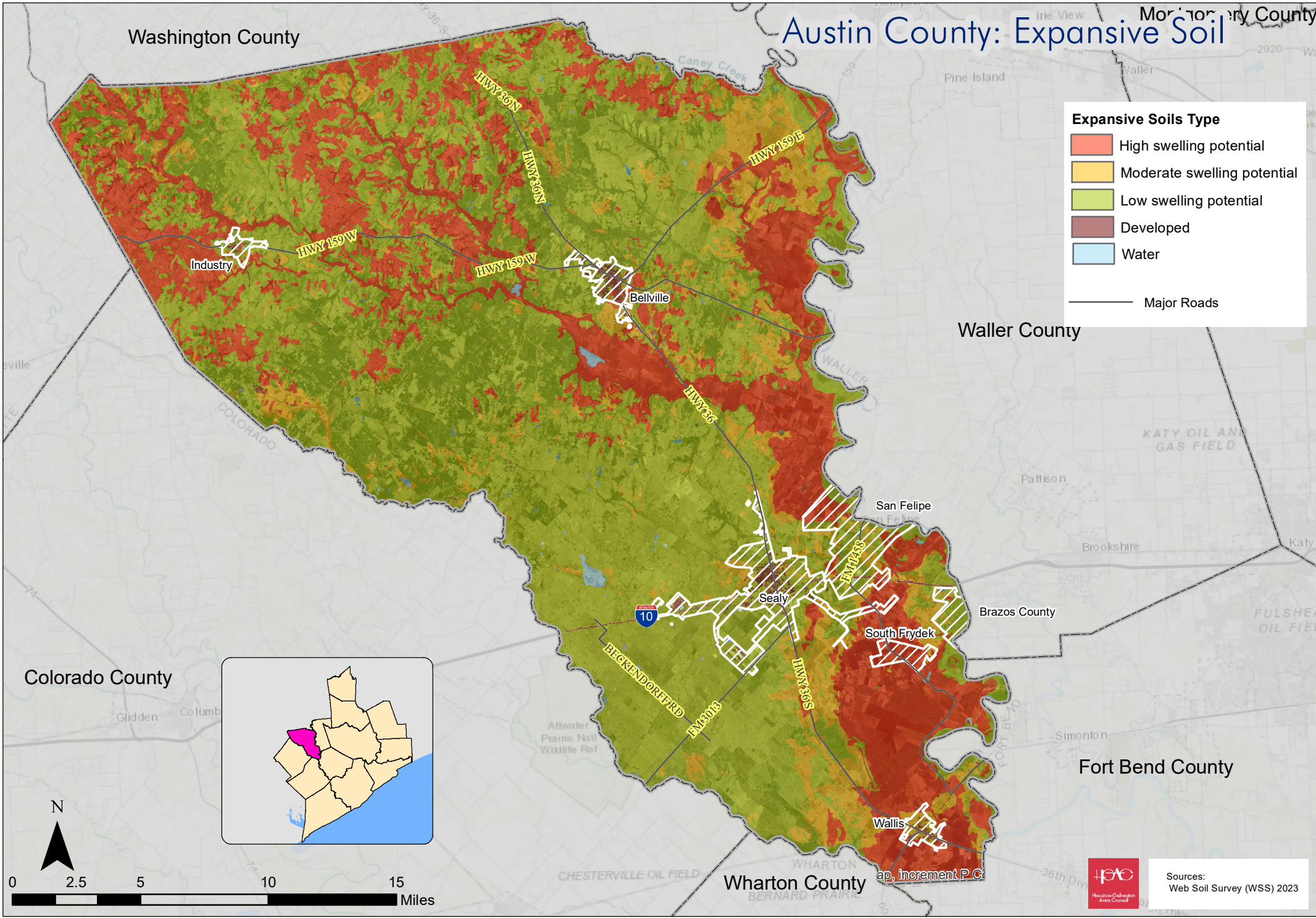


Sources: NOAA National Centers for Environmental Information 2023

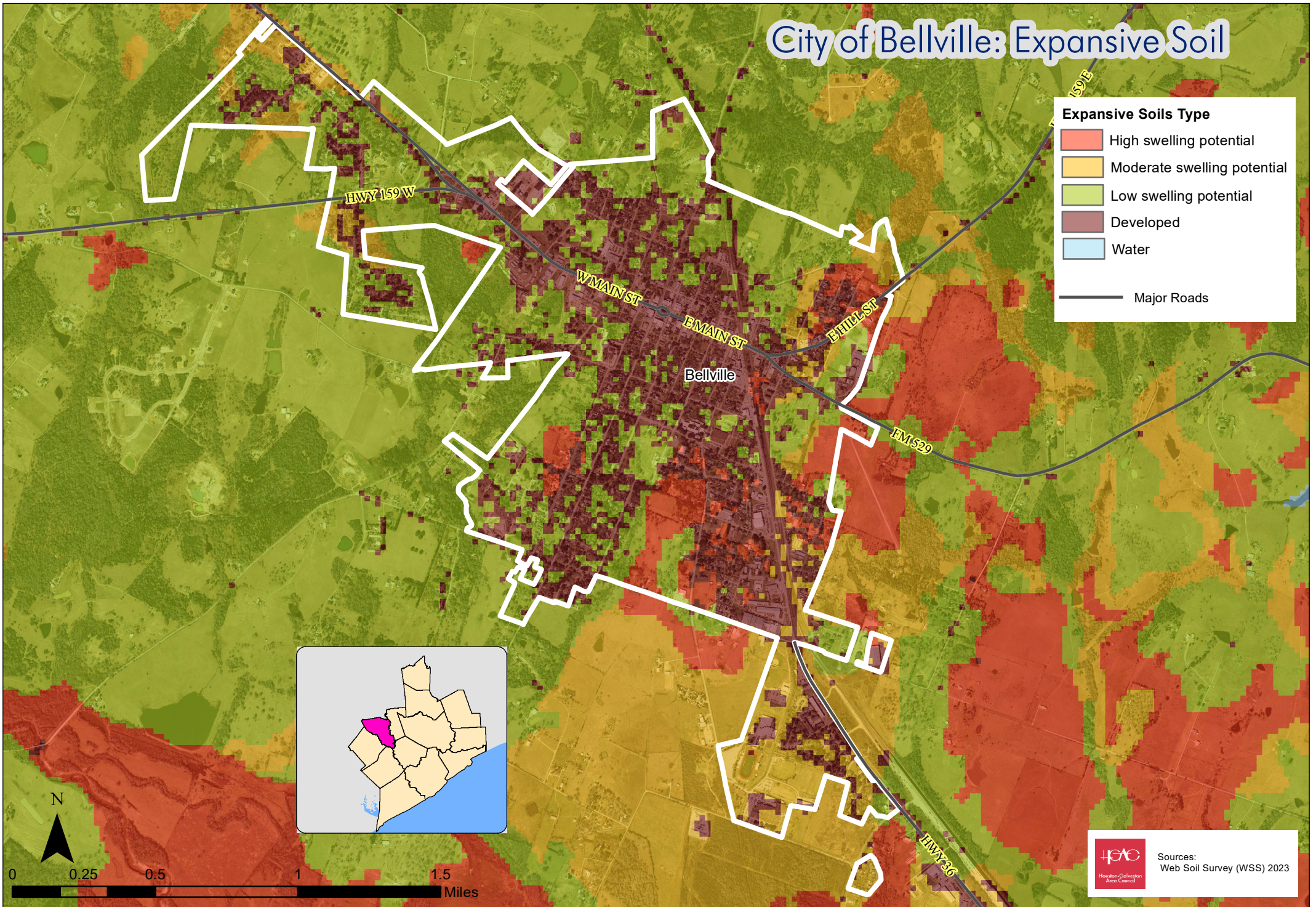
Austin County: Tornado Intensity & Path



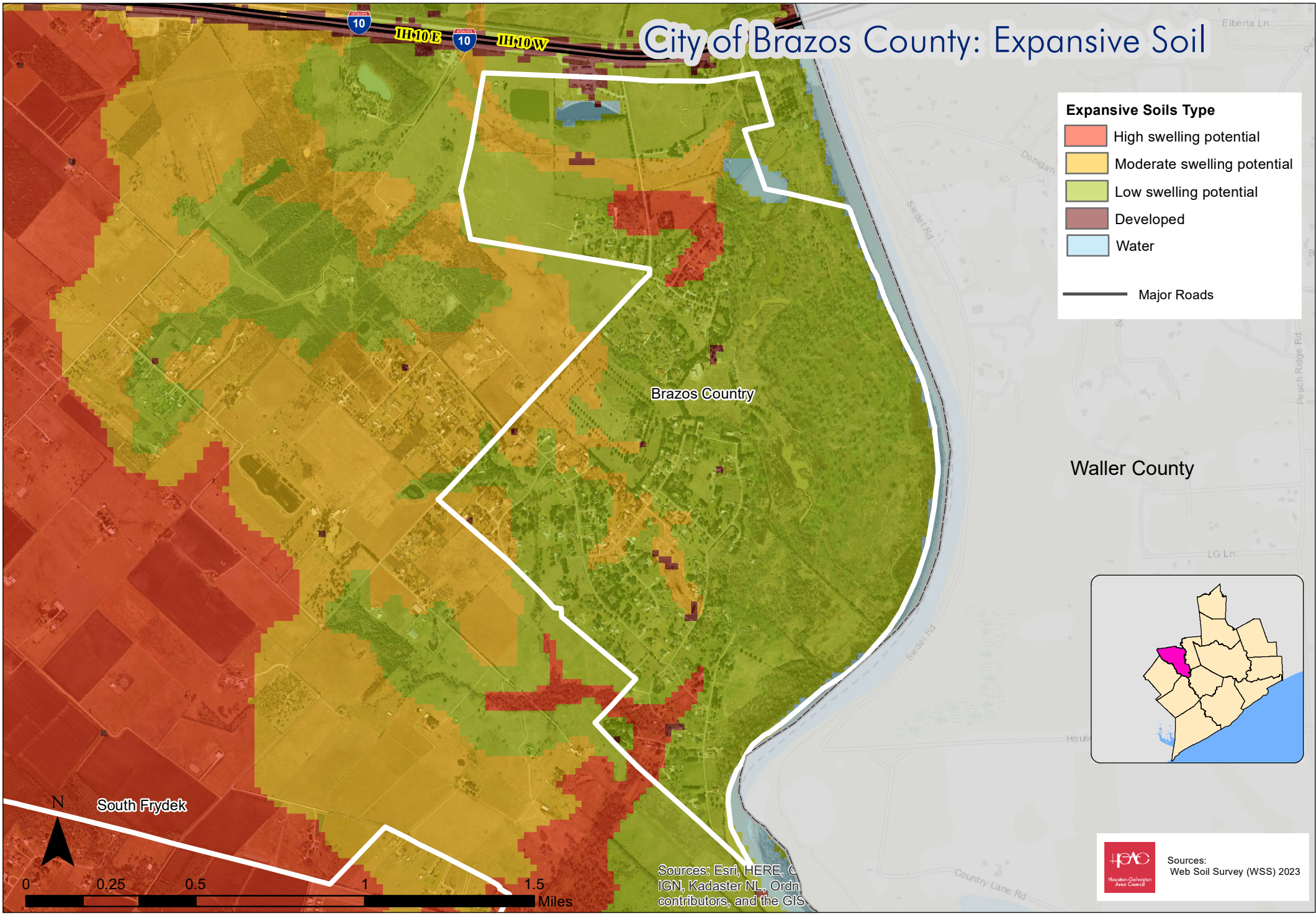
Austin County: Expansive Soil



City of Bellville: Expansive Soil



City of Brazos County: Expansive Soil



Expansive Soils Type

- High swelling potential
- Moderate swelling potential
- Low swelling potential
- Developed
- Water
- Major Roads

Sources: Esri, HERE, IGN, Kadaster NL, Ordnance Survey, and other contributors, and the GIS



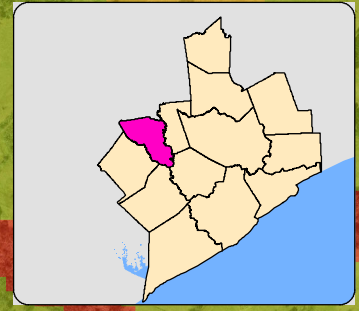
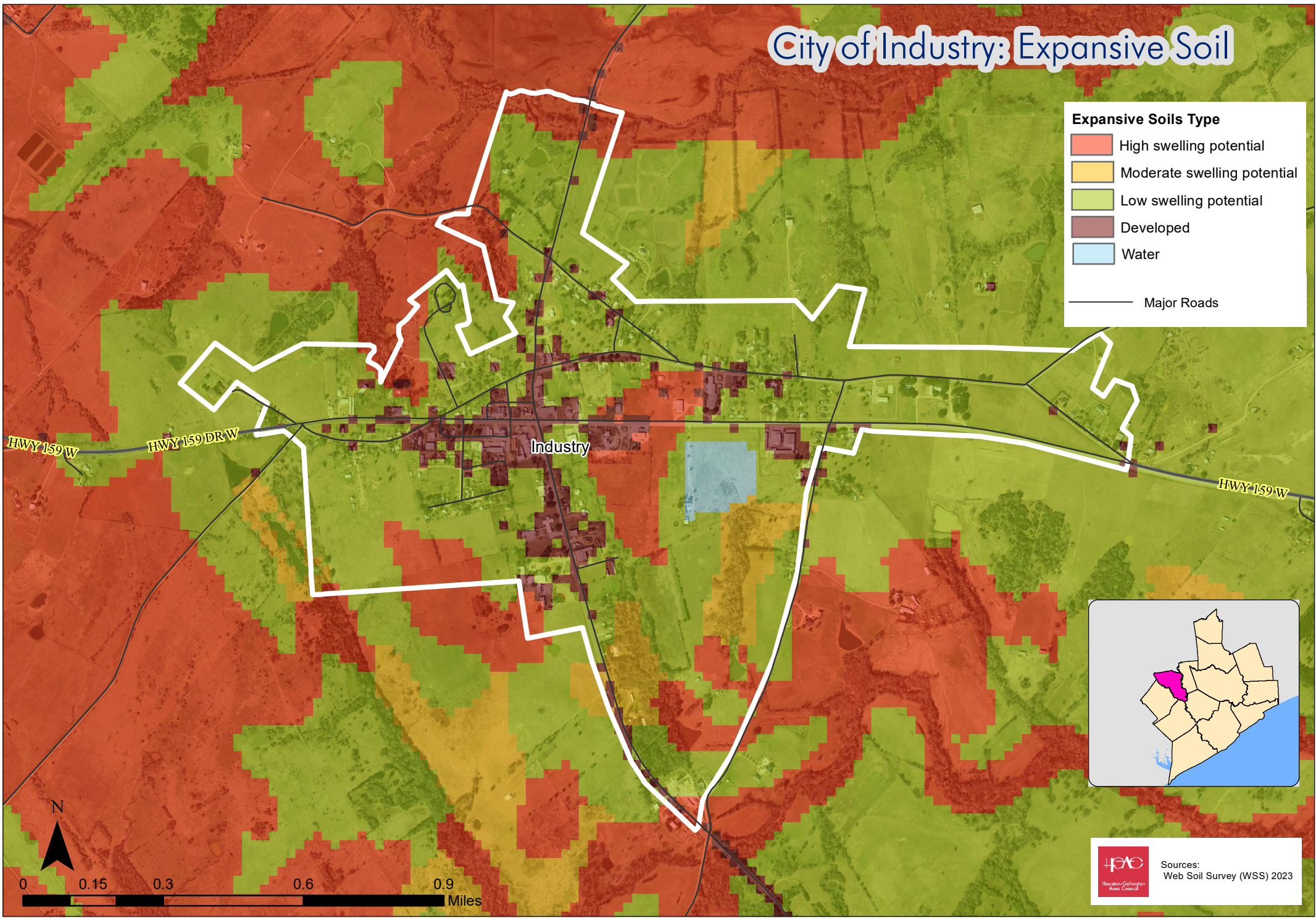
Sources: Web Soil Survey (WSS) 2023

City of Industry: Expansive Soil

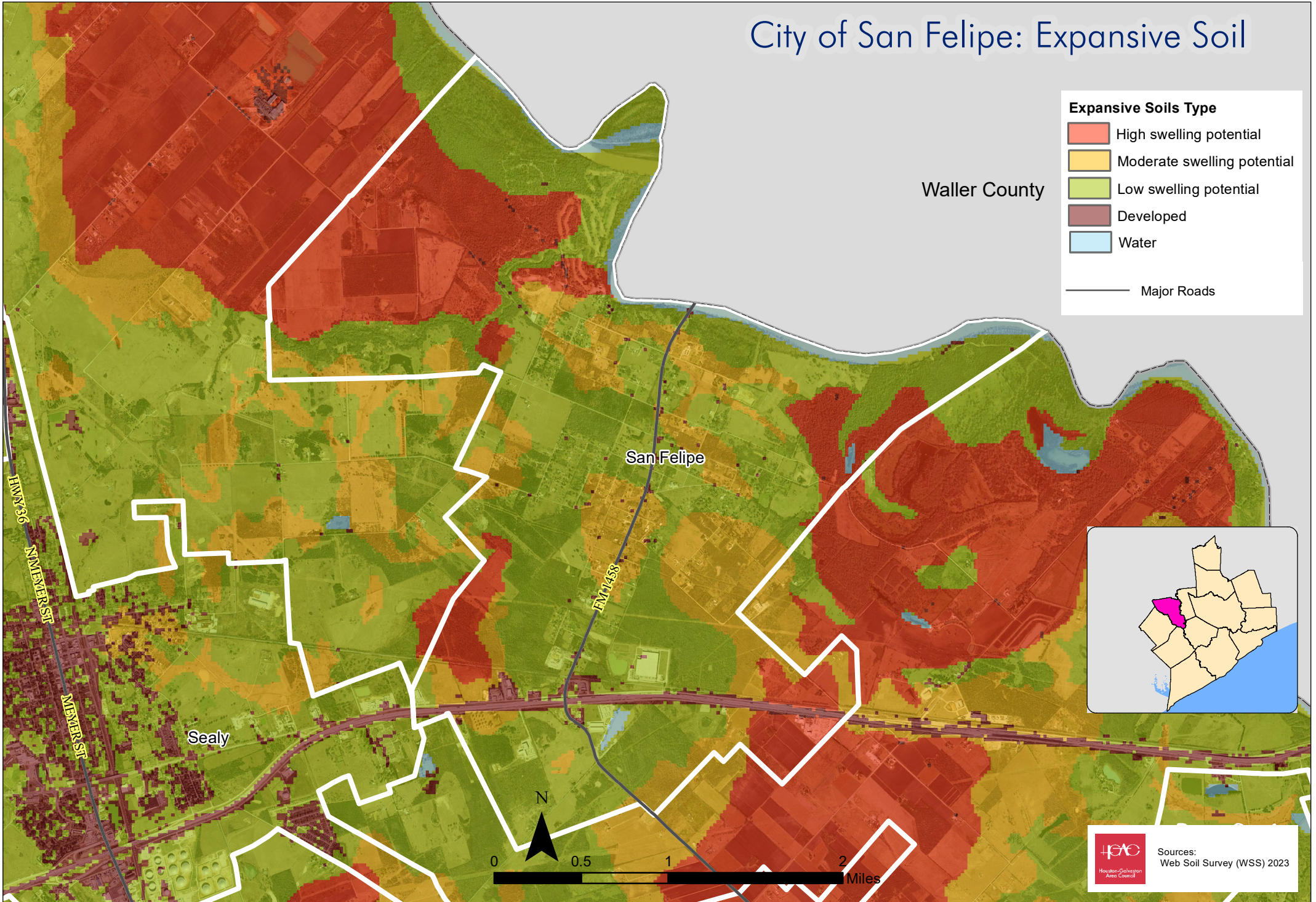
Expansive Soils Type

- High swelling potential
- Moderate swelling potential
- Low swelling potential
- Developed
- Water

Major Roads



City of San Felipe: Expansive Soil



City of Sealy: Expansive Soil

Waller County

Expansive Soils Type

- High swelling potential
- Moderate swelling potential
- Low swelling potential
- Developed
- Water

Major Roads

San Felipe

Sealy

South Frydek

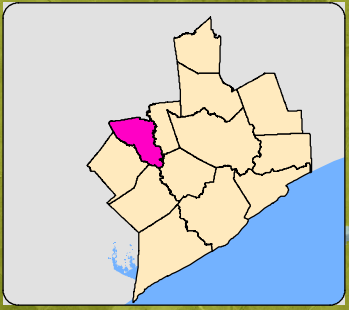
NMEKER ST

MEKER ST

FM 3013

FM 369 S

FM 155 S

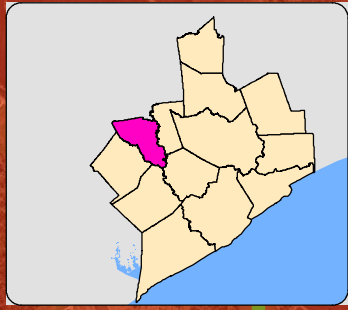
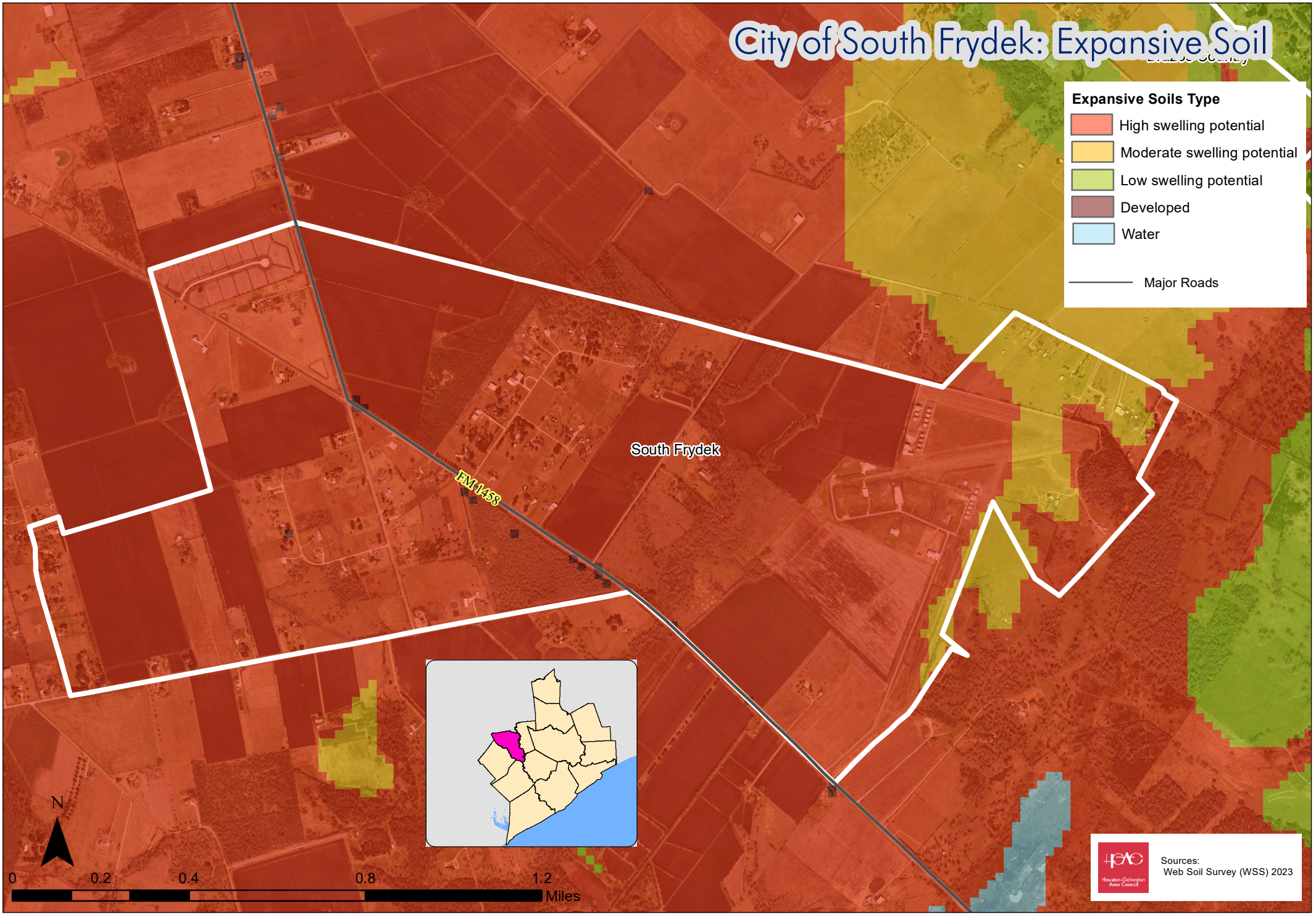


City of South Frydek: Expansive Soil

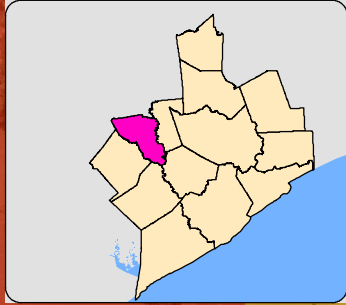
Expansive Soils Type

- High swelling potential
- Moderate swelling potential
- Low swelling potential
- Developed
- Water

Major Roads



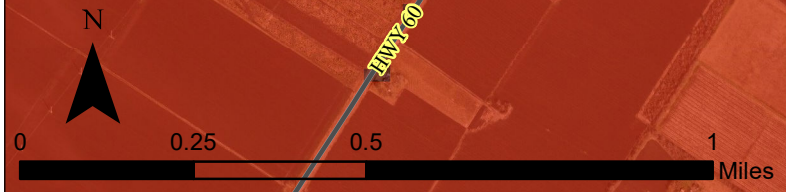
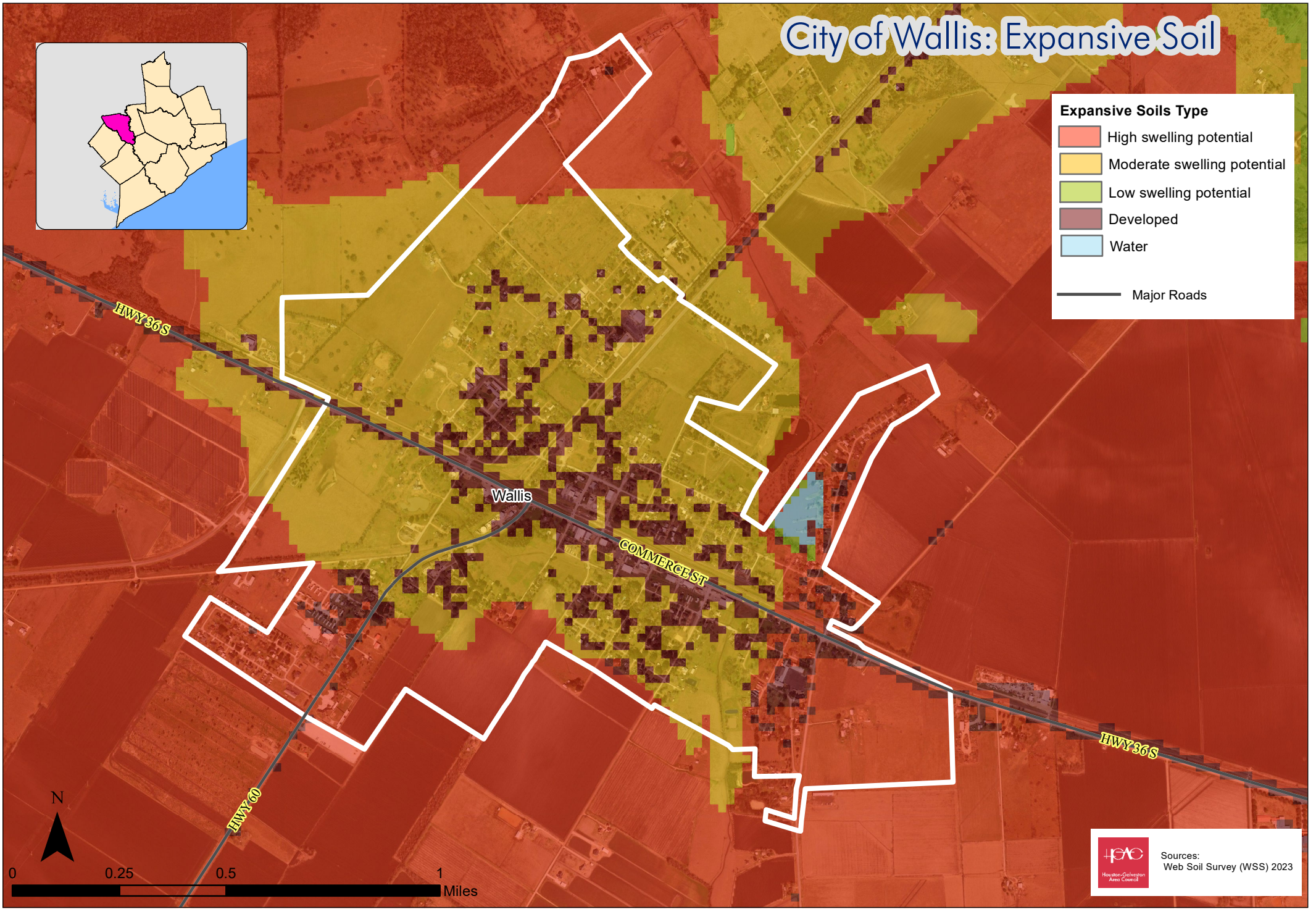
City of Wallis: Expansive Soil



Expansive Soils Type

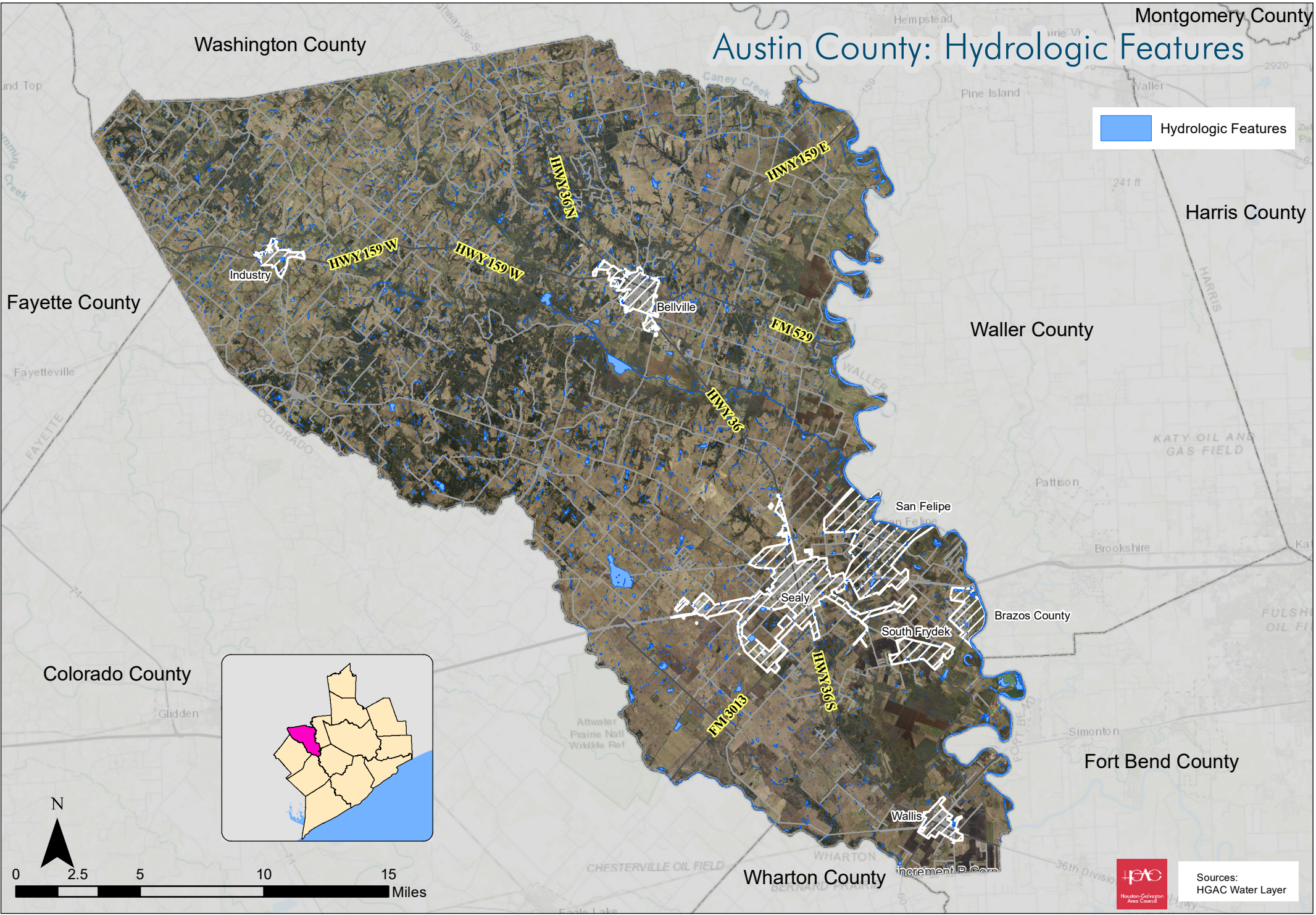
- High swelling potential
- Moderate swelling potential
- Low swelling potential
- Developed
- Water

Major Roads

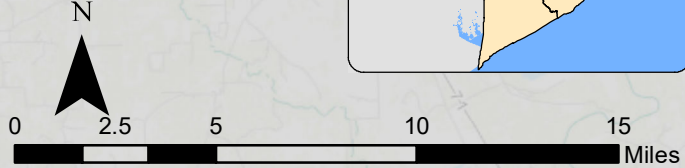
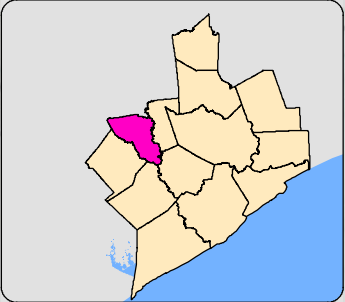


Austin County: Hydrologic Features

Hydrologic Features

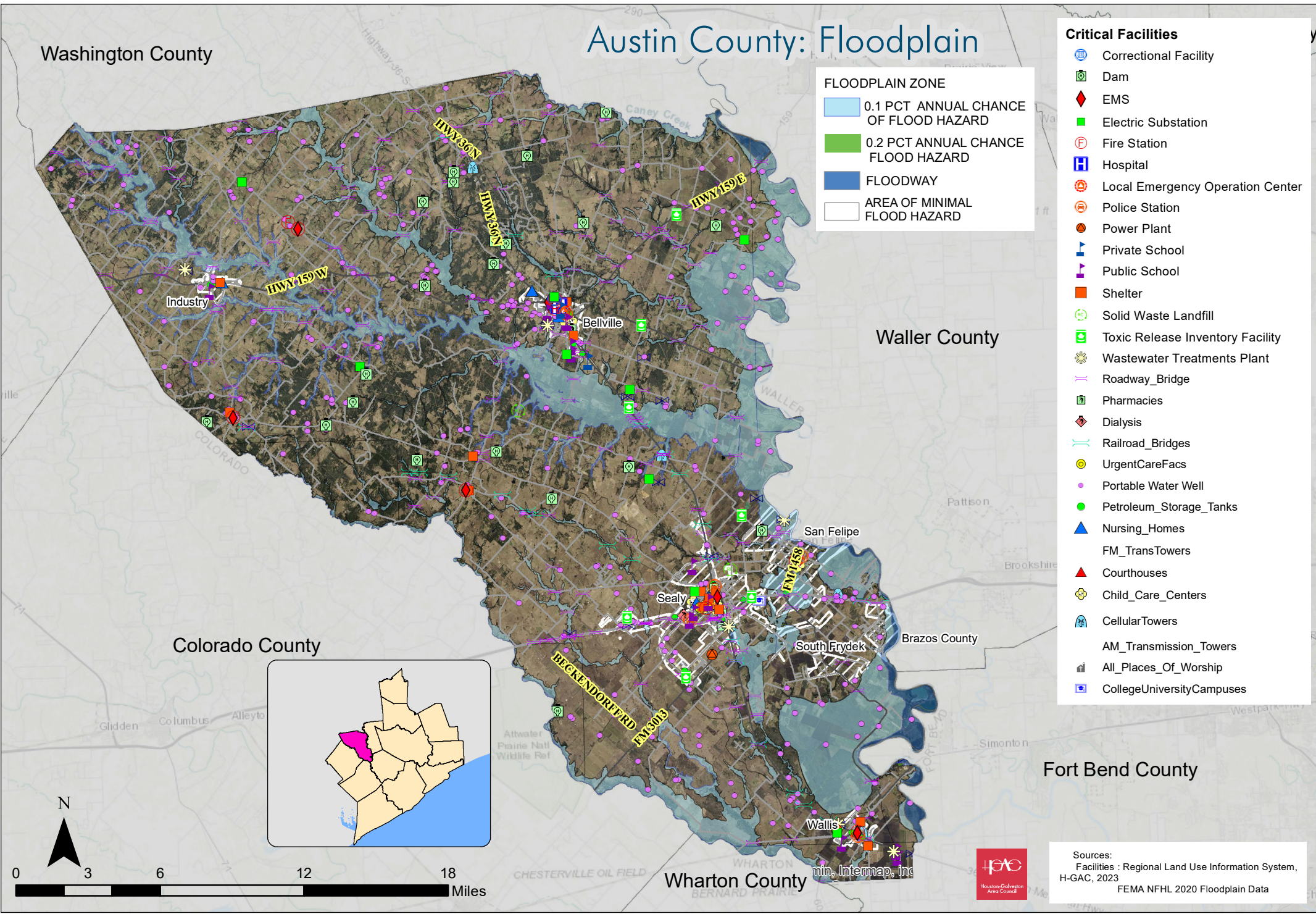


Colorado County



Sources:
HGAC Water Layer

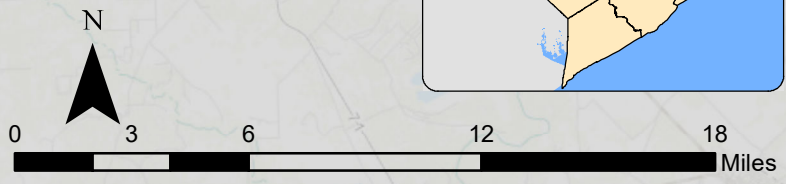
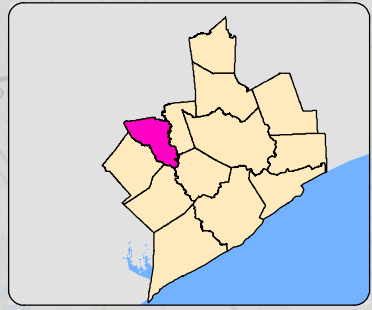
Austin County: Floodplain



FLOODPLAIN ZONE

- 0.1 PCT ANNUAL CHANCE OF FLOOD HAZARD
- 0.2 PCT ANNUAL CHANCE FLOOD HAZARD
- FLOODWAY
- AREA OF MINIMAL FLOOD HAZARD

- Critical Facilities**
- Correctional Facility
 - Dam
 - EMS
 - Electric Substation
 - Fire Station
 - Hospital
 - Local Emergency Operation Center
 - Police Station
 - Power Plant
 - Private School
 - Public School
 - Shelter
 - Solid Waste Landfill
 - Toxic Release Inventory Facility
 - Wastewater Treatments Plant
 - Roadway_Bridge
 - Pharmacies
 - Dialysis
 - Railroad_Bridges
 - UrgentCareFacs
 - Portable Water Well
 - Petroleum_Storage_Tanks
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 - FM_TransTowers
 - Courthouses
 - Child_Care_Centers
 - CellularTowers
 - AM_Transmission_Towers
 - All_Places_Of_Worship
 - CollegeUniversityCampuses



Sources:
 Facilities : Regional Land Use Information System, H-GAC, 2023
 FEMA NFHL 2020 Floodplain Data



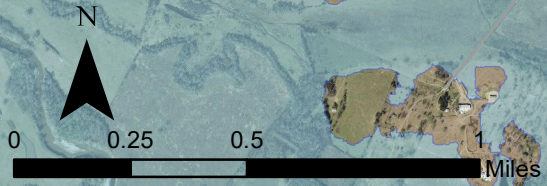
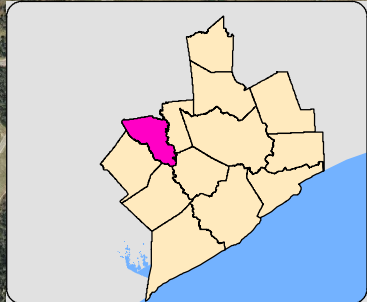
City of Bellville: Floodplain

FLOODPLAIN ZONE

- 0.1 PCT ANNUAL CHANCE OF FLOOD HAZARD
- 0.2 PCT ANNUAL CHANCE FLOOD HAZARD
- FLOODWAY
- AREA OF MINIMAL FLOOD HAZARD

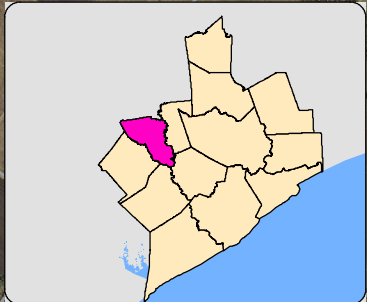
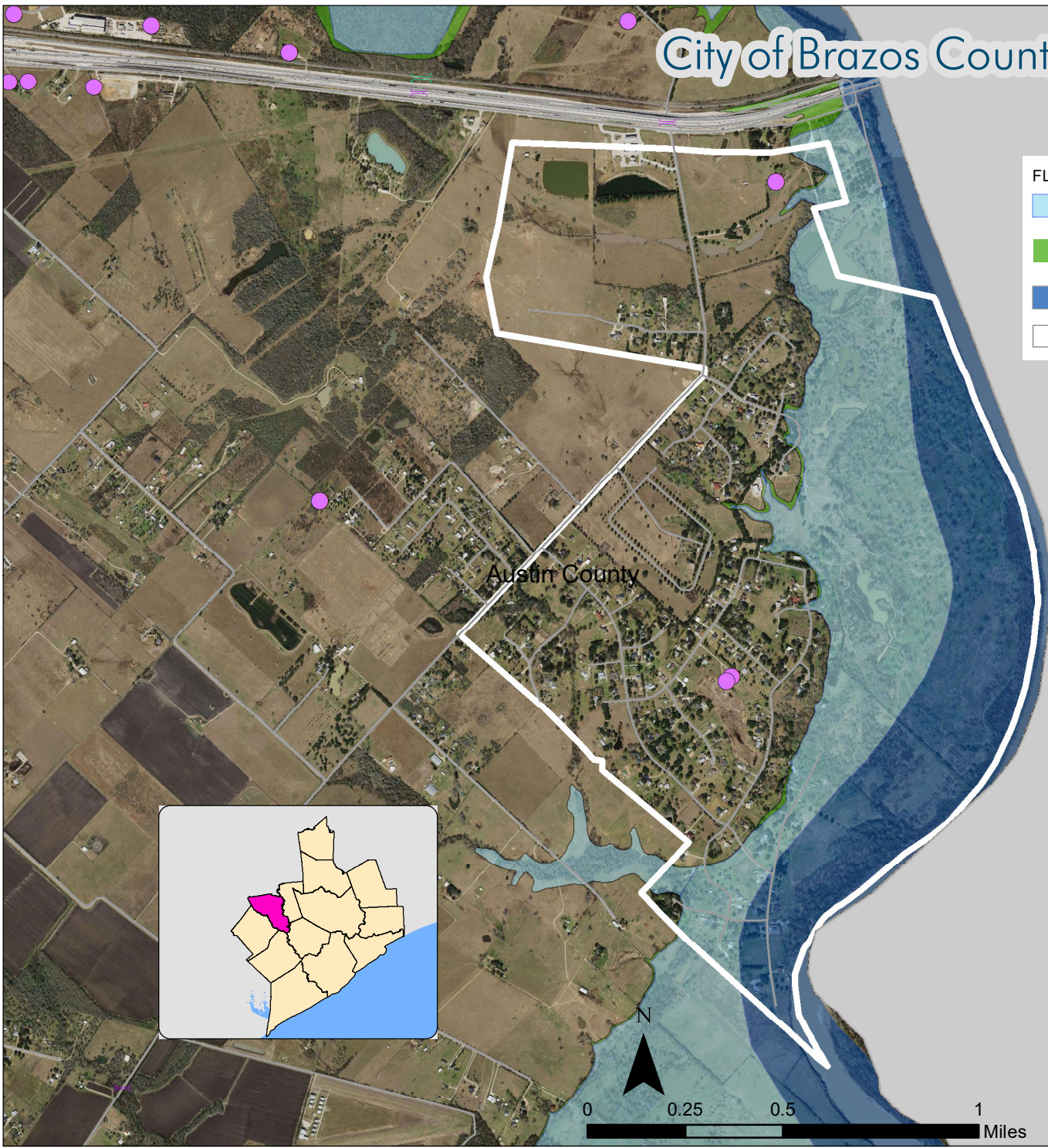
Critical Facilities

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- AM_Transmission_Towers
- All_Places_Of_Worship
- CollegeUniversityCampuses



Sources:
 Facilities : Regional Land Use Information System, H-GAC, 2023
 FEMA NFHL 2020 Floodplain Data

City of Brazos County: Floodplain



FLOODPLAIN ZONE

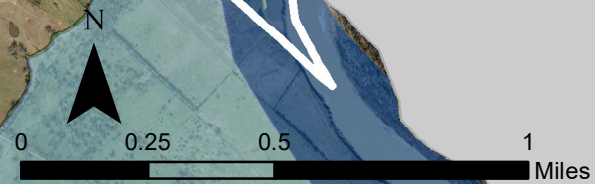
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- FLOODWAY
- AREA OF MINIMAL FLOOD HAZARD

Critical Facilities

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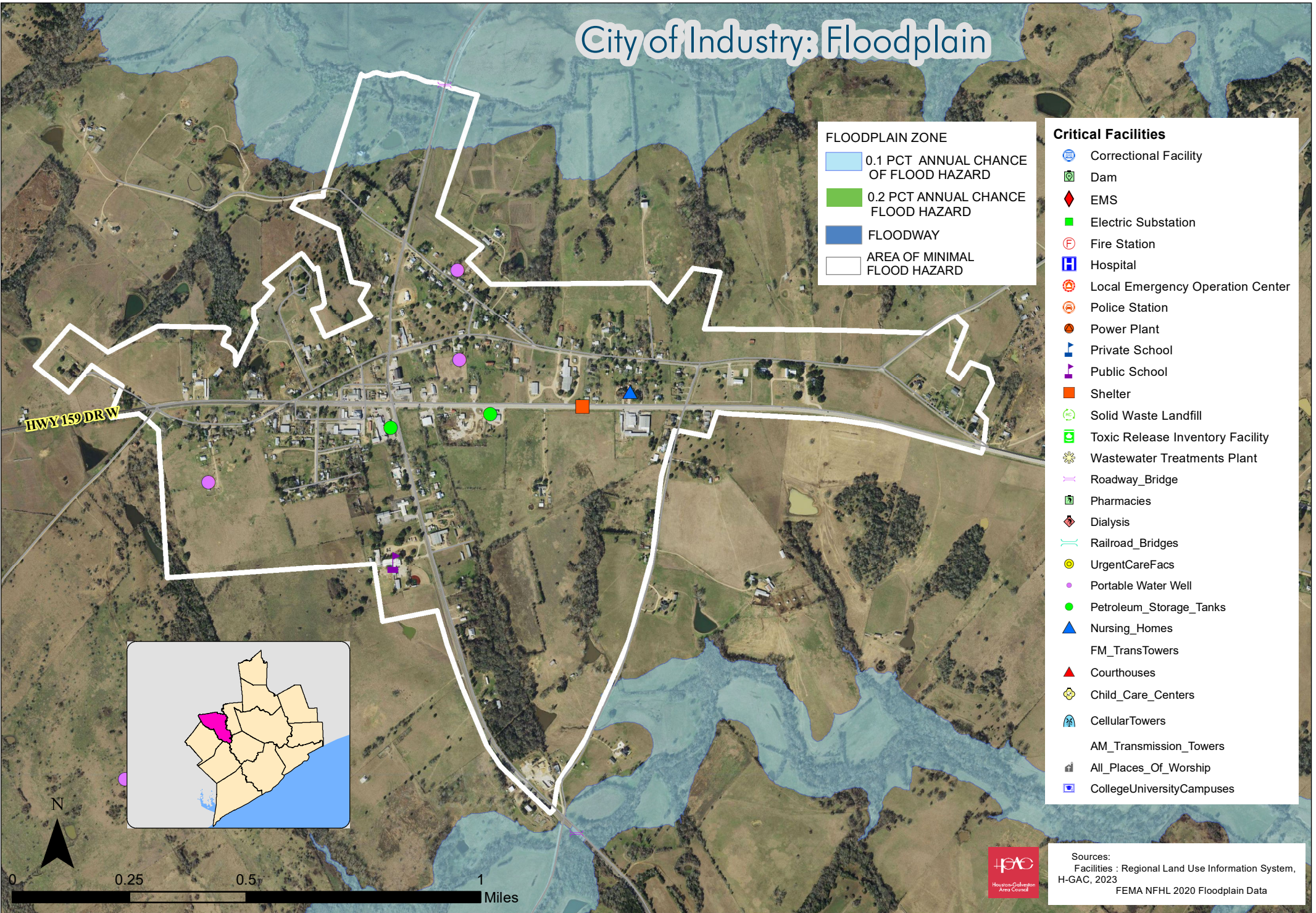
Waller County

Austin County



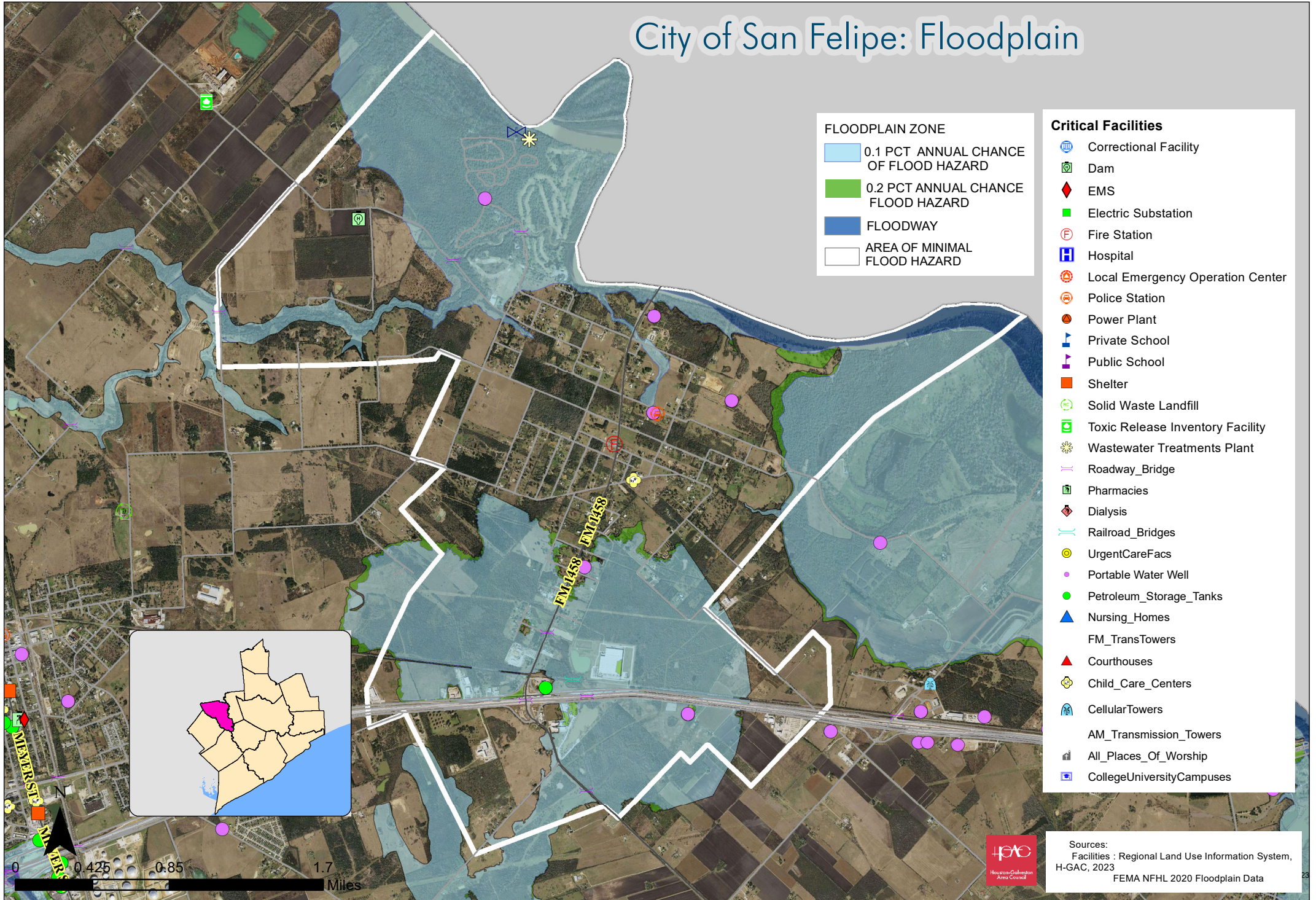
Sources:
 Facilities : Regional Land Use Information System, H-GAC, 2023
 FEMA NFHL 2020 Floodplain Data

City of Industry: Floodplain



Sources:
 Facilities : Regional Land Use Information System, H-GAC, 2023
 FEMA NFHL 2020 Floodplain Data

City of San Felipe: Floodplain

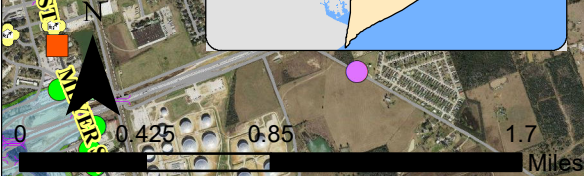
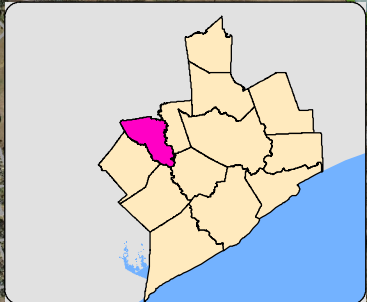


FLOODPLAIN ZONE

- 0.1 PCT ANNUAL CHANCE OF FLOOD HAZARD
- 0.2 PCT ANNUAL CHANCE FLOOD HAZARD
- FLOODWAY
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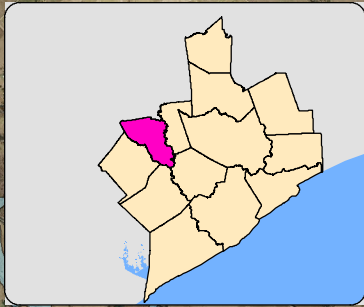
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Sources:
 Facilities : Regional Land Use Information System, H-GAC, 2023
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City of Sealy: Floodplain

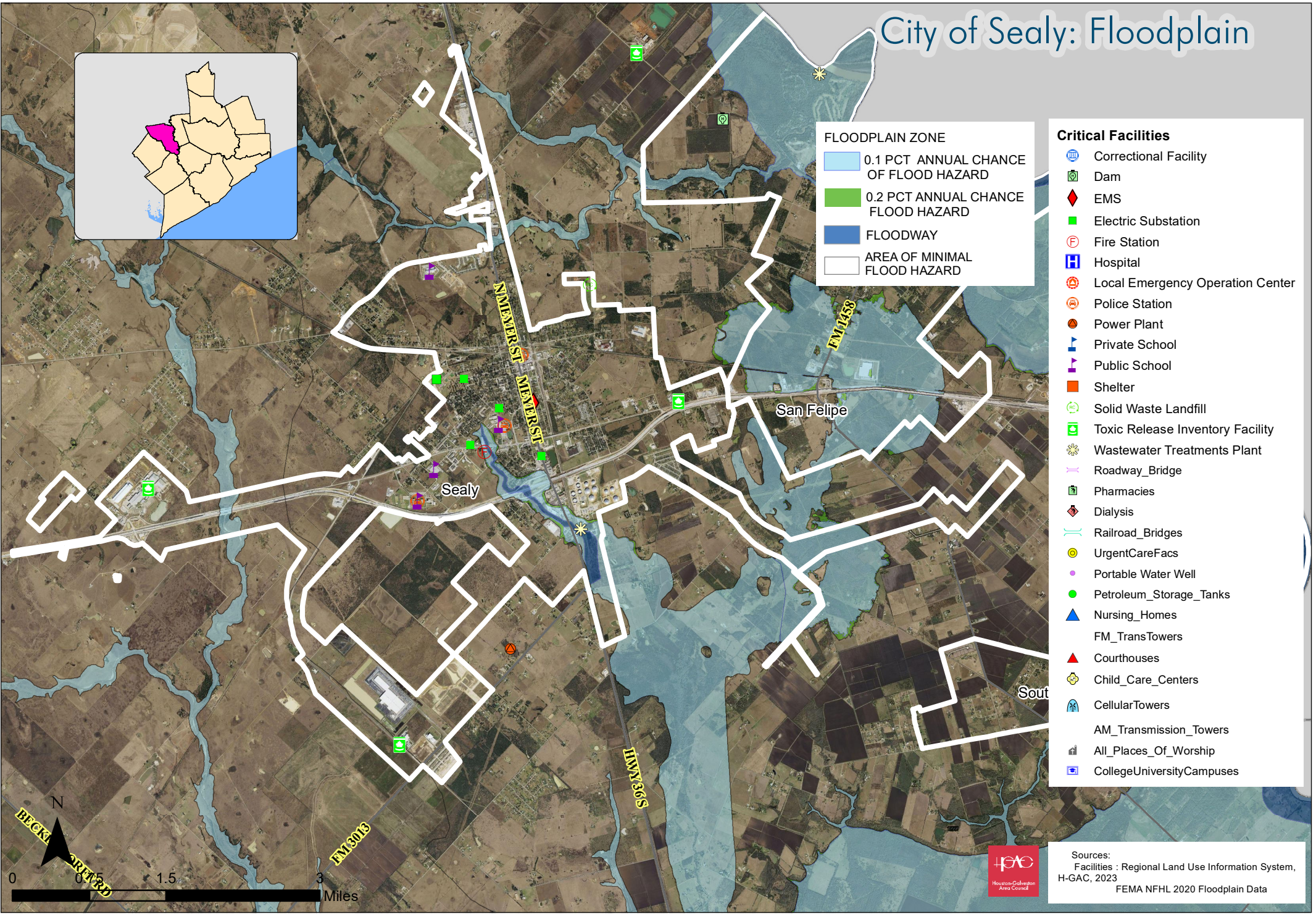


FLOODPLAIN ZONE

- 0.1 PCT ANNUAL CHANCE OF FLOOD HAZARD
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Critical Facilities

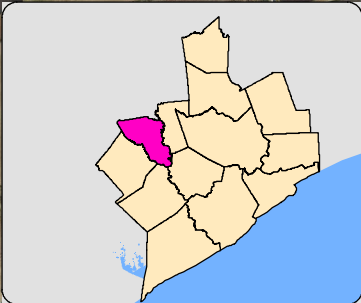
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- CollegeUniversityCampuses



Sources:
 Facilities : Regional Land Use Information System, H-GAC, 2023
 FEMA NFHL 2020 Floodplain Data



City of South Frydek: Floodplain



FLOODPLAIN ZONE

- 0.1 PCT ANNUAL CHANCE OF FLOOD HAZARD
- 0.2 PCT ANNUAL CHANCE FLOOD HAZARD
- FLOODWAY
- AREA OF MINIMAL FLOOD HAZARD

Critical Facilities

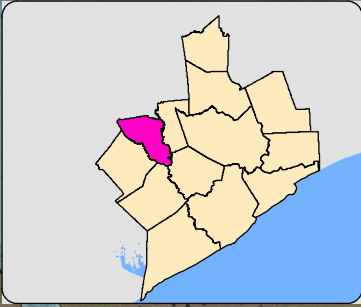
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- Courthouses
- Child_Care_Centers
- CellularTowers
- AM_Transmission_Towers
- All_Places_Of_Worship
- CollegeUniversityCampuses

FM 1458



Sources:
 Facilities : Regional Land Use Information System, H-GAC, 2023
 FEMA NFHL 2020 Floodplain Data

City of Wallis: Floodplain

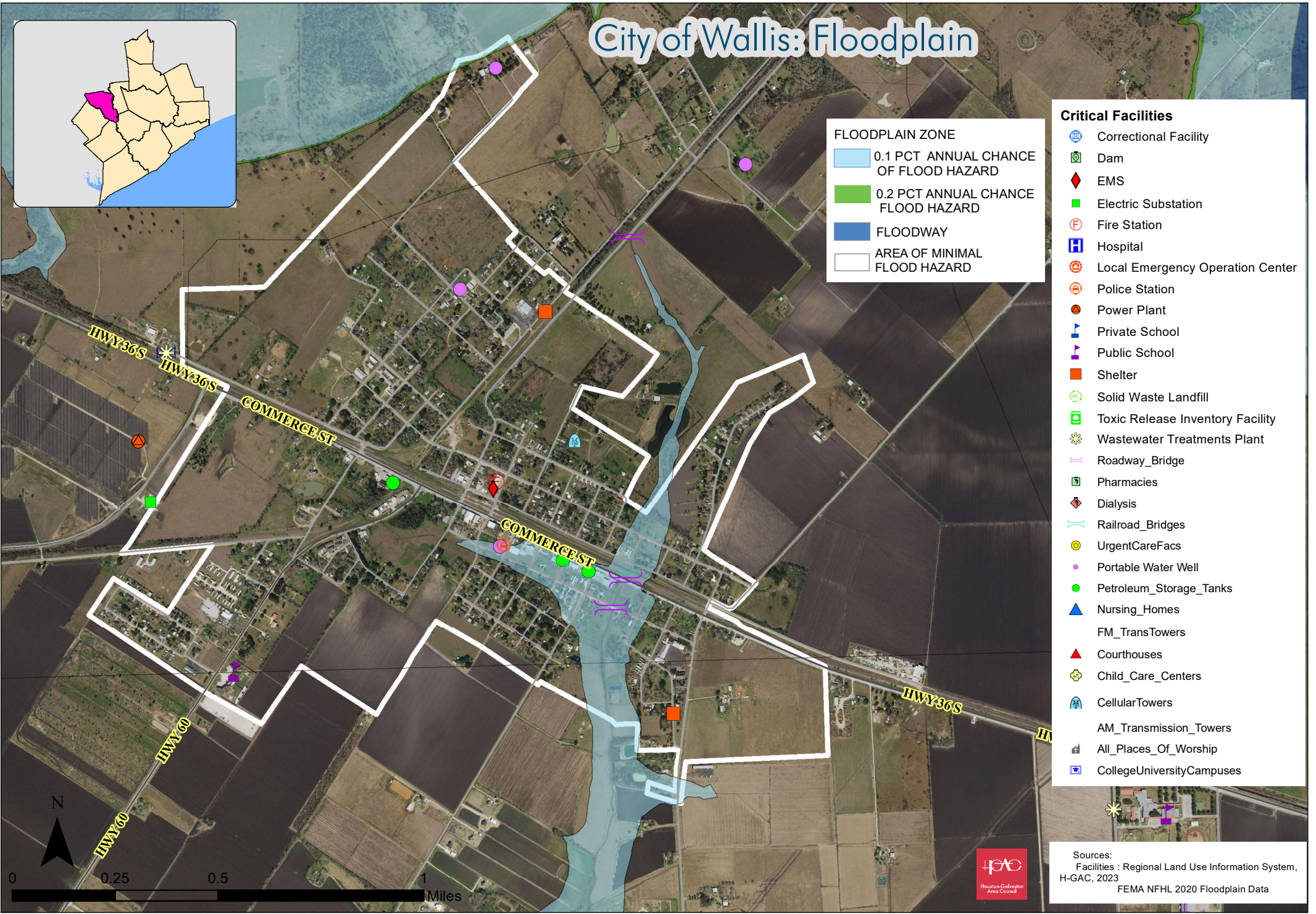


FLOODPLAIN ZONE

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- 0.2 PCT ANNUAL CHANCE FLOOD HAZARD
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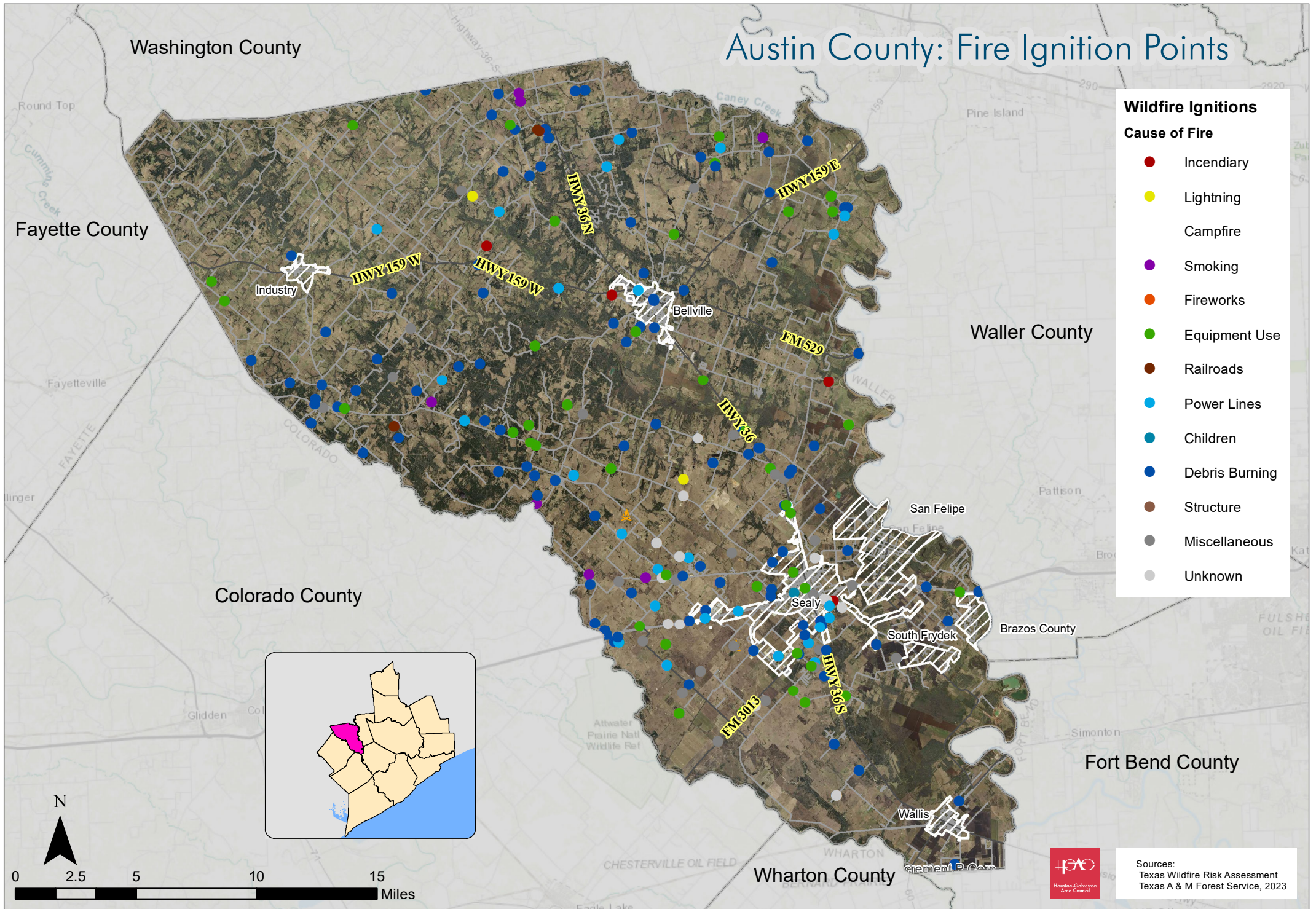
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- CollegeUniversityCampuses

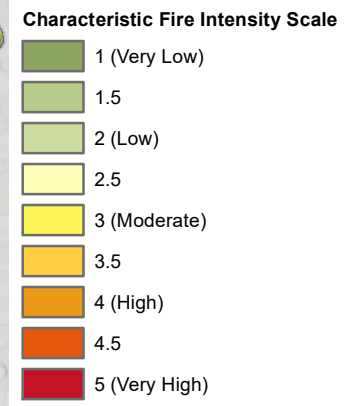
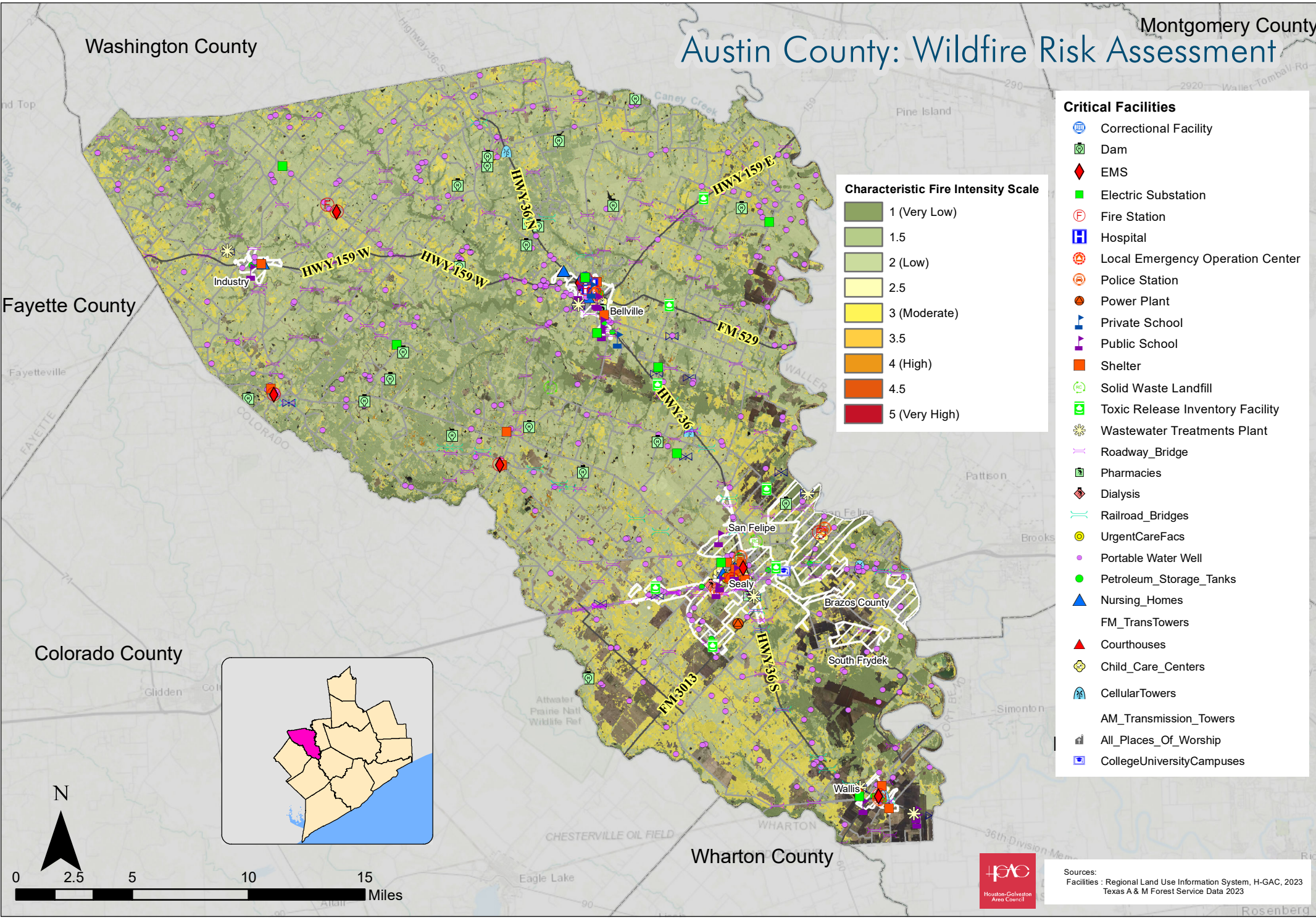


Sources:
 Facilities : Regional Land Use Information System, H-GAC, 2023
 FEMA NFHL 2020 Floodplain Data

Austin County: Fire Ignition Points



Austin County: Wildfire Risk Assessment

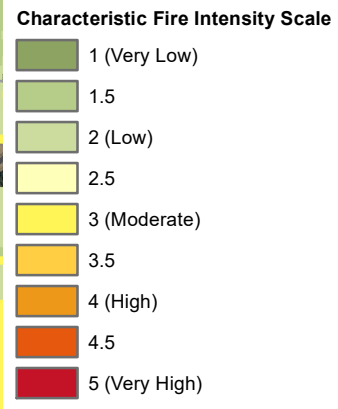
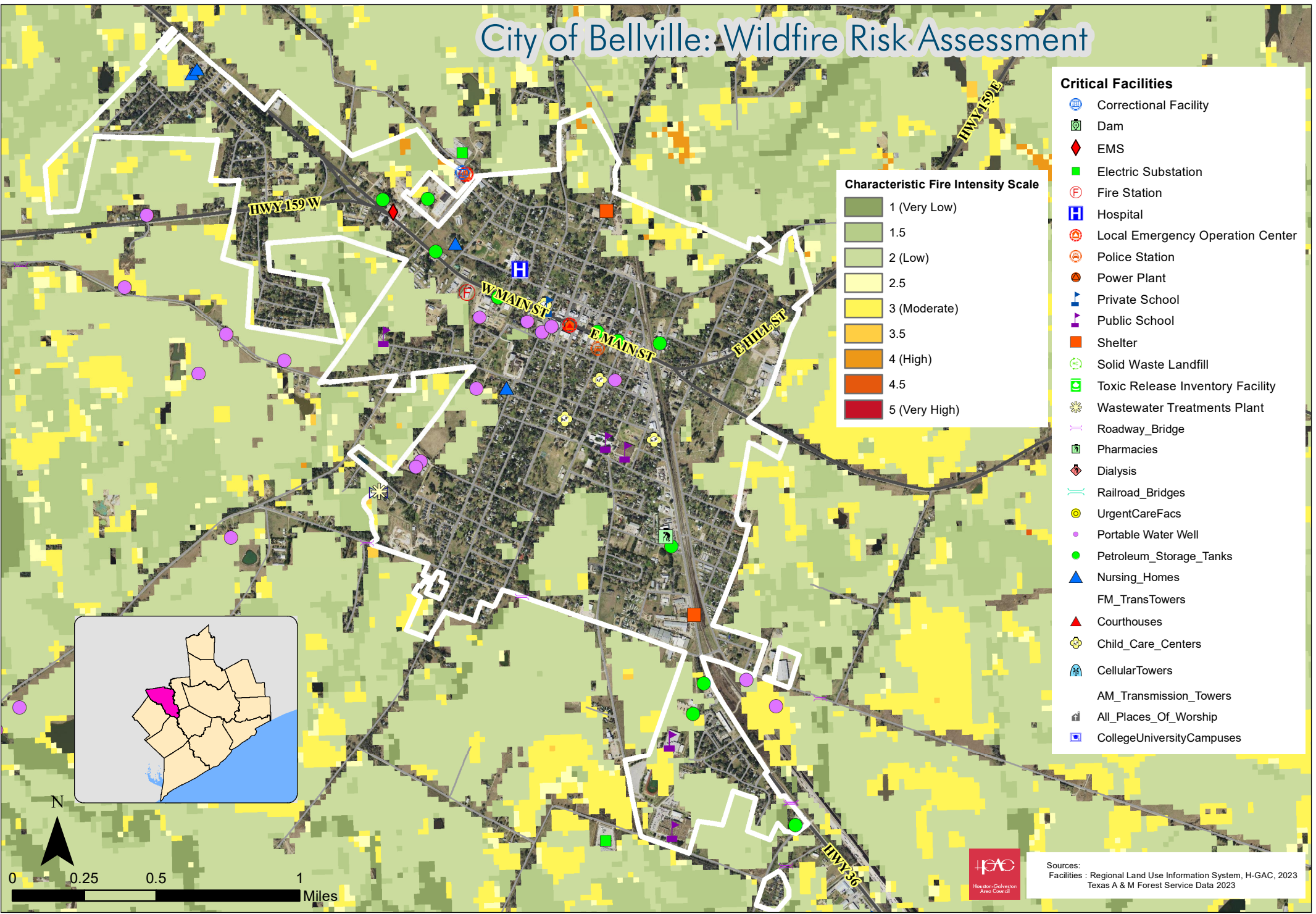


- ### Critical Facilities
- Correctional Facility
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 - Dialysis
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 - AM_Transmission_Towers
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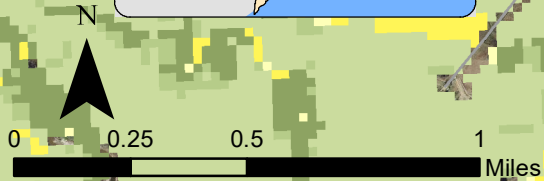
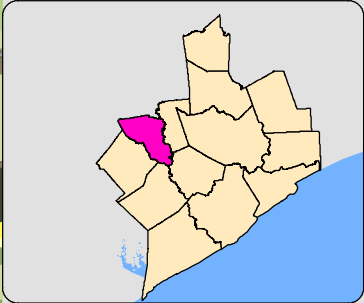


Sources:
 Facilities : Regional Land Use Information System, H-GAC, 2023
 Texas A & M Forest Service Data 2023

City of Bellville: Wildfire Risk Assessment

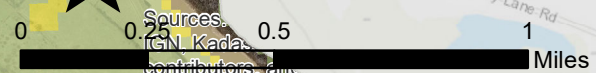
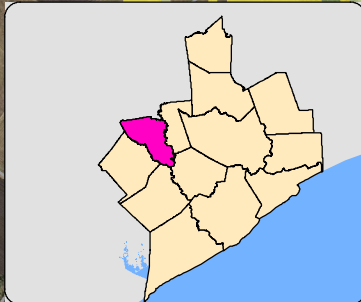
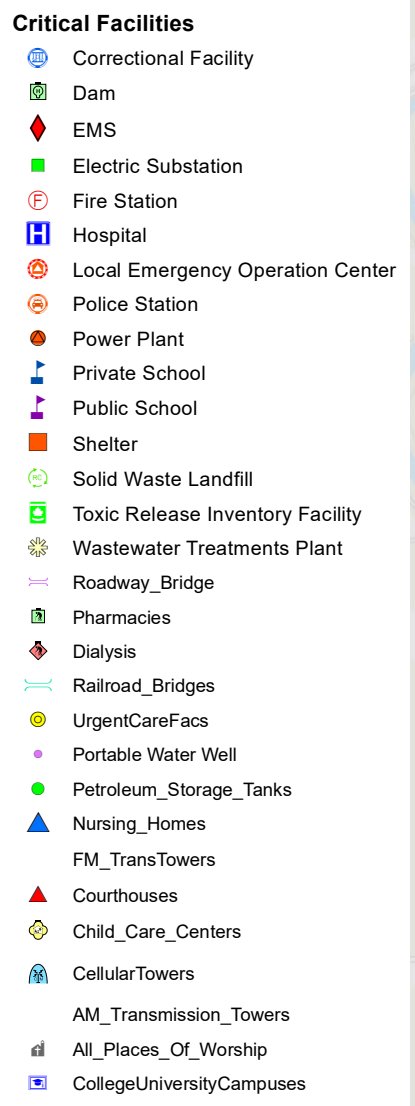
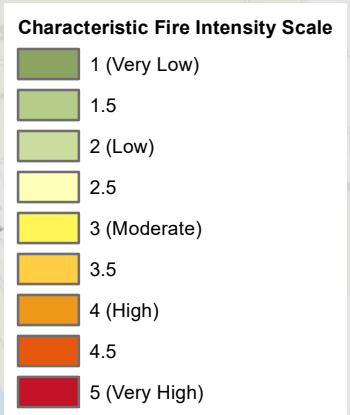
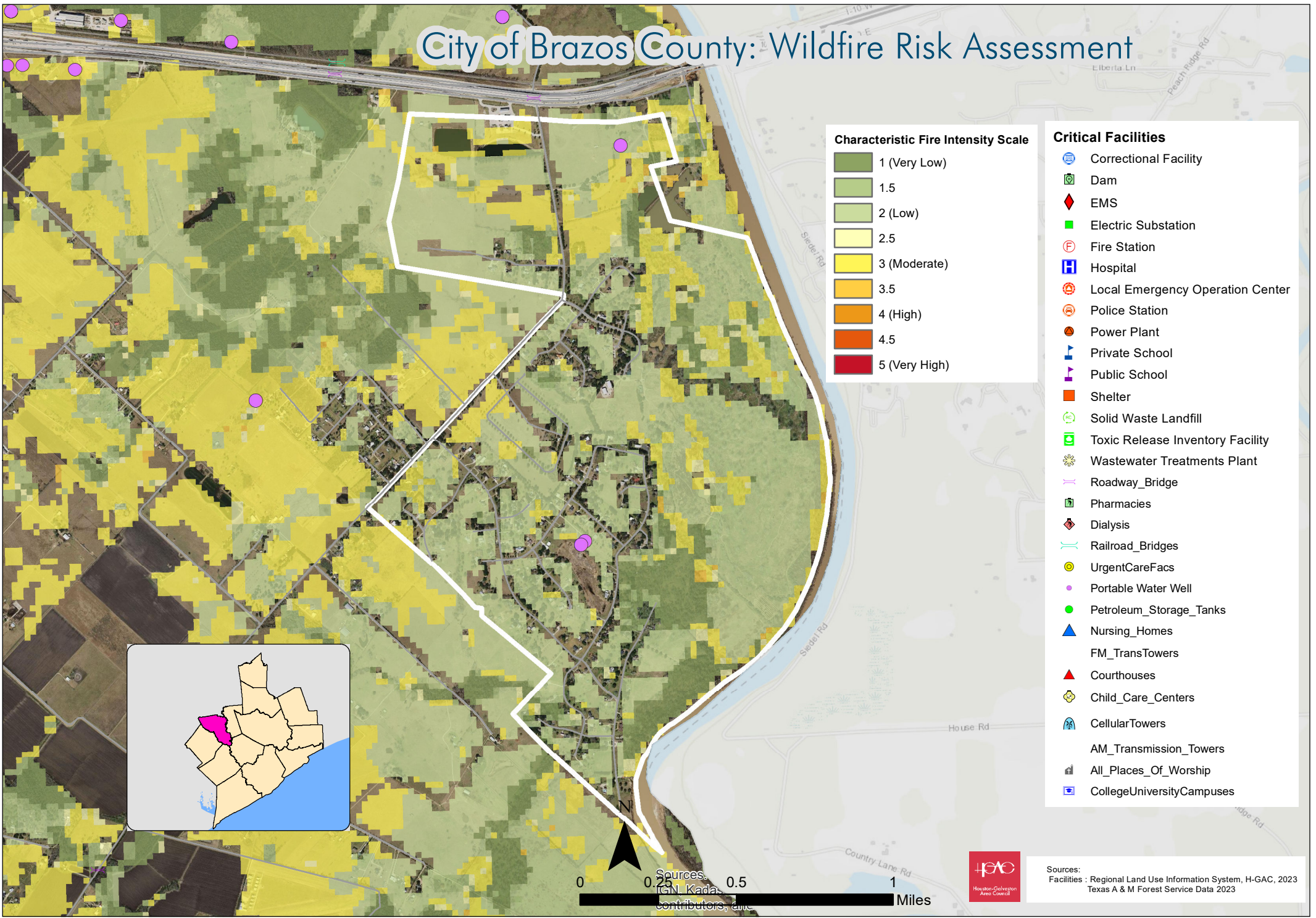


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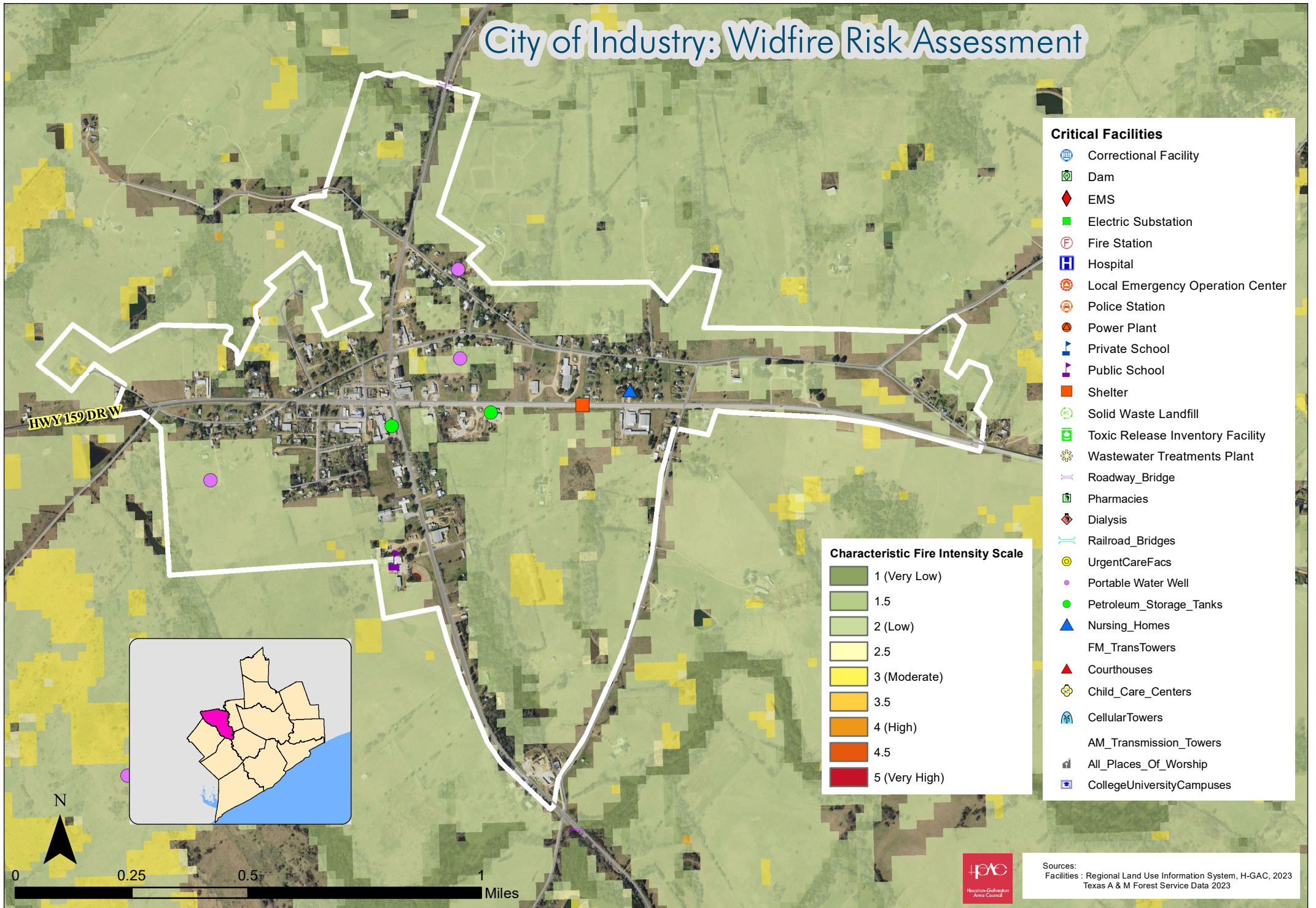
Sources:
 Facilities : Regional Land Use Information System, H-GAC, 2023
 Texas A & M Forest Service Data 2023

City of Brazos County: Wildfire Risk Assessment

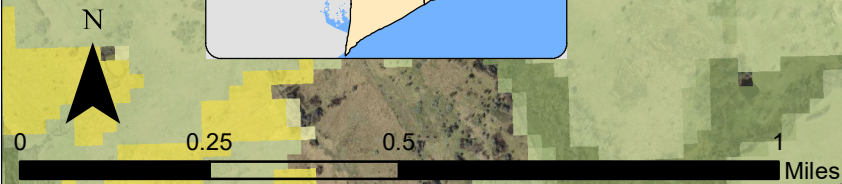
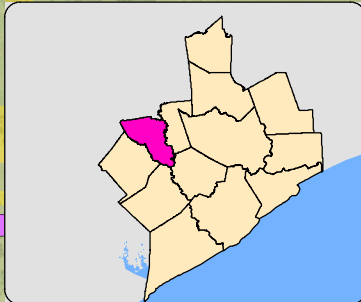
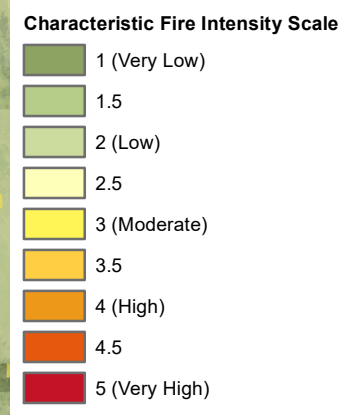


Sources: Regional Land Use Information System, H-GAC, 2023
 Texas A & M Forest Service Data 2023

City of Industry: Wildfire Risk Assessment

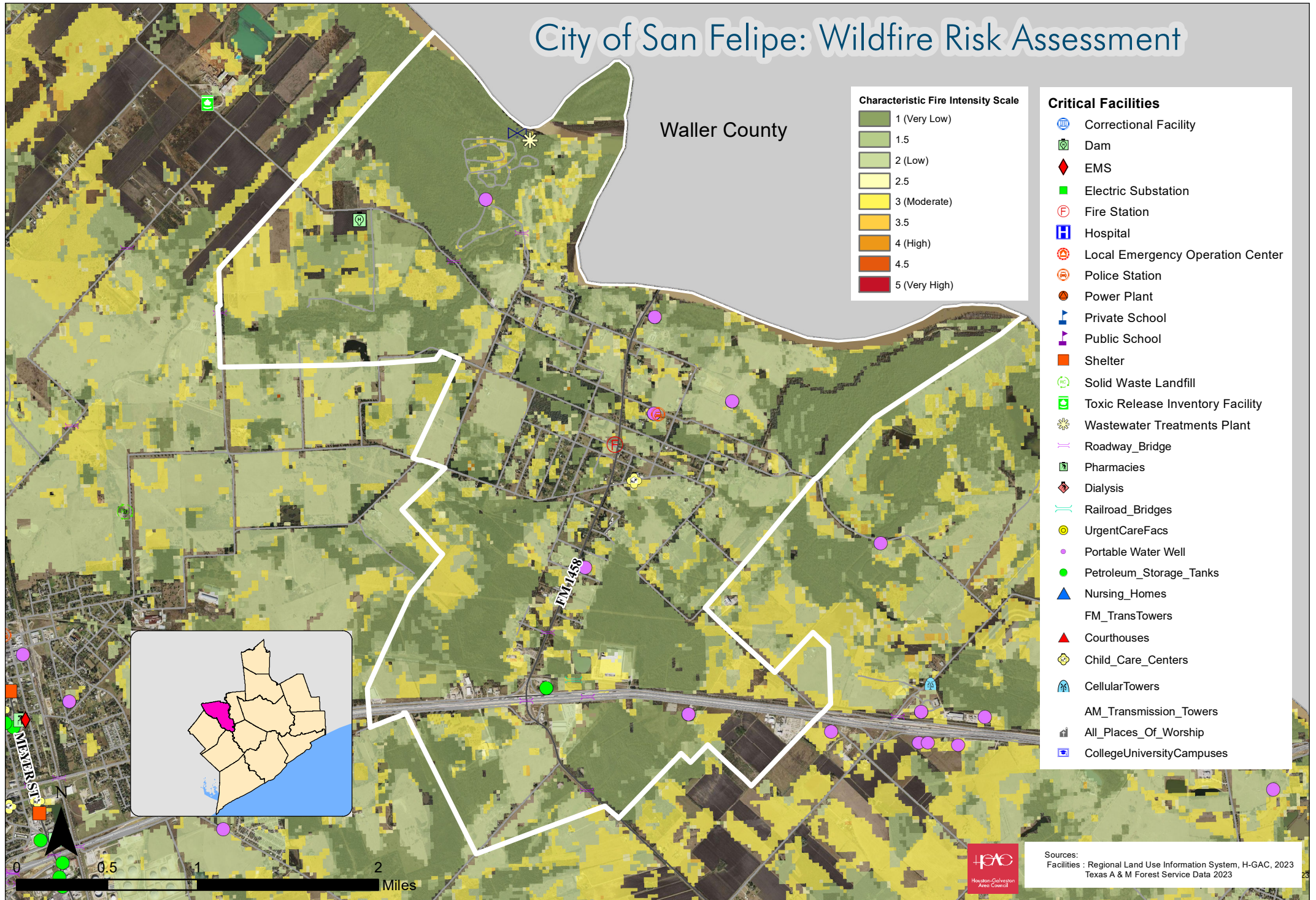


- Critical Facilities**
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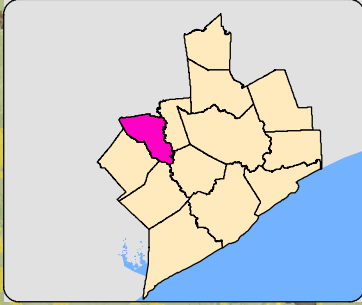


Sources:
 Facilities : Regional Land Use Information System, H-GAC, 2023
 Texas A & M Forest Service Data 2023

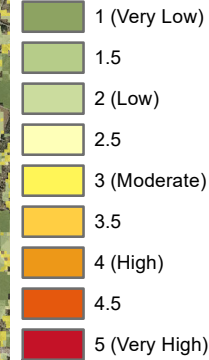
City of San Felipe: Wildfire Risk Assessment



City of Sealy: Wildfire Risk Assessment

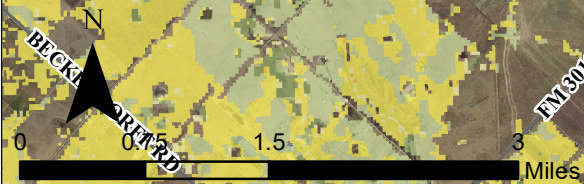
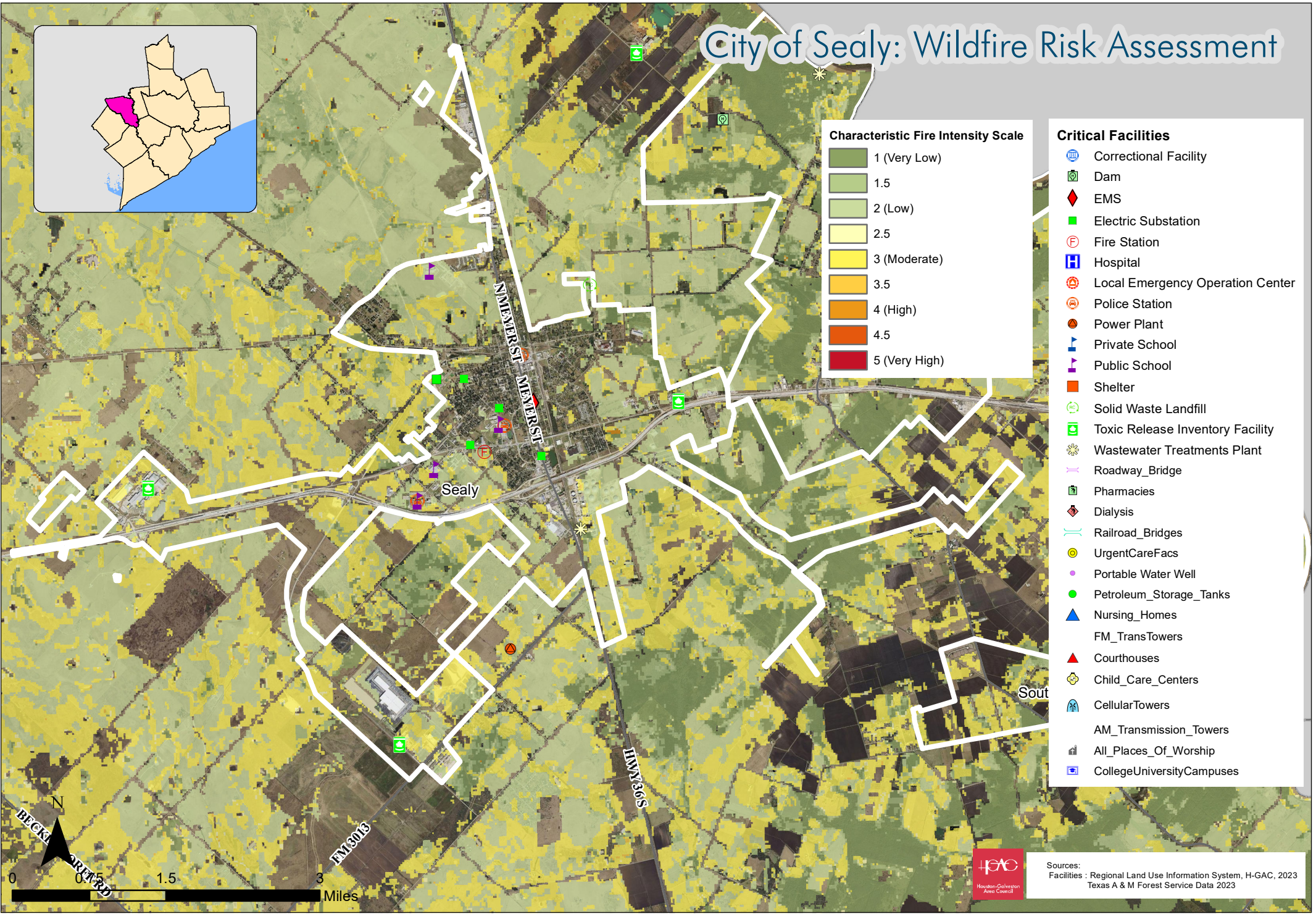


Characteristic Fire Intensity Scale



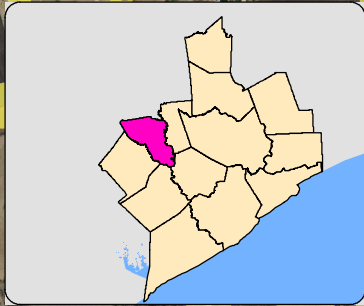
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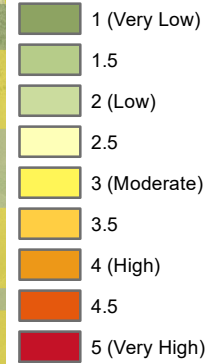


Sources:
 Facilities : Regional Land Use Information System, H-GAC, 2023
 Texas A & M Forest Service Data 2023

City of South Frydek: Wildfire Risk Assessment

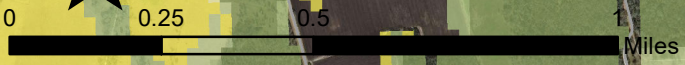
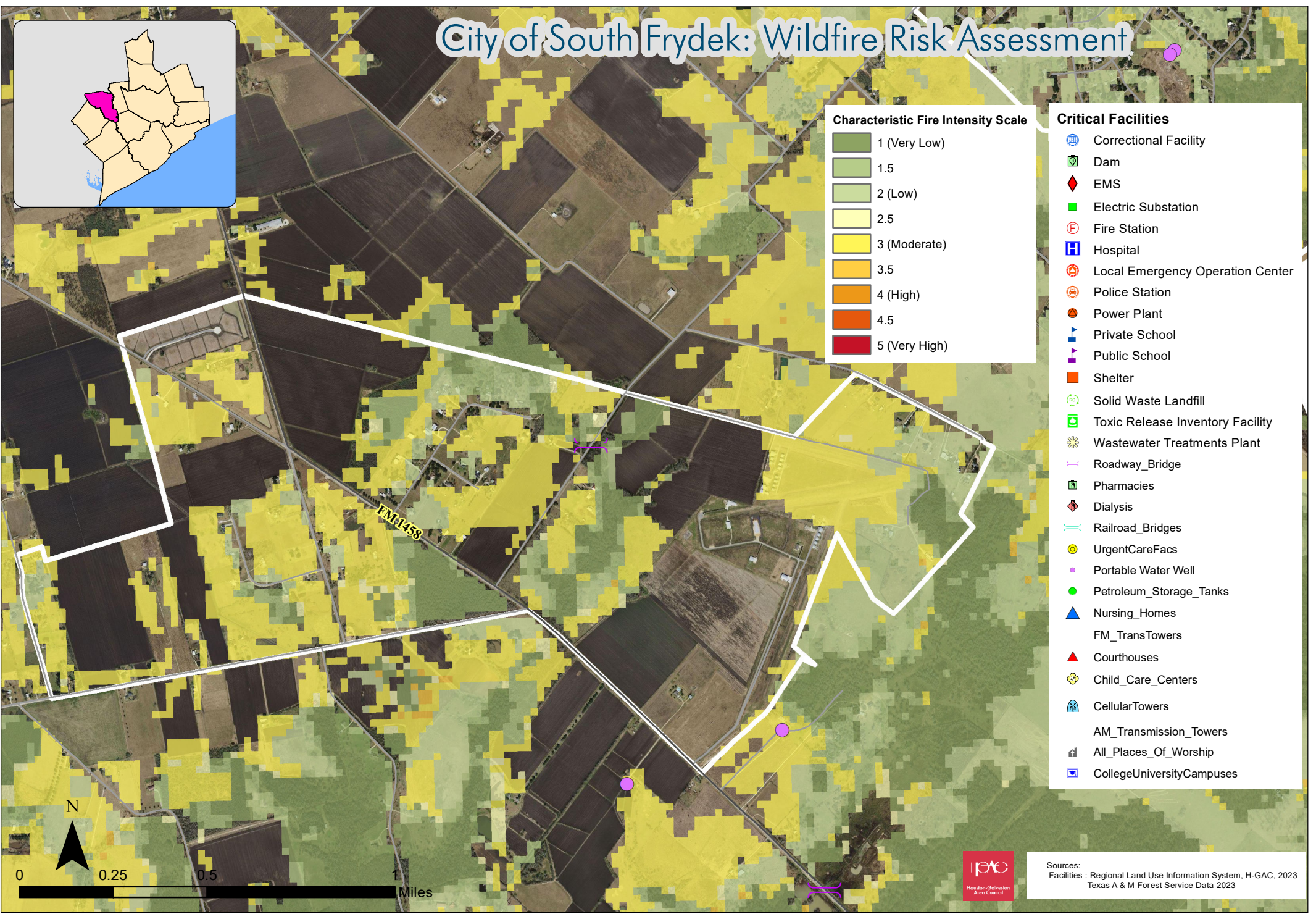


Characteristic Fire Intensity Scale



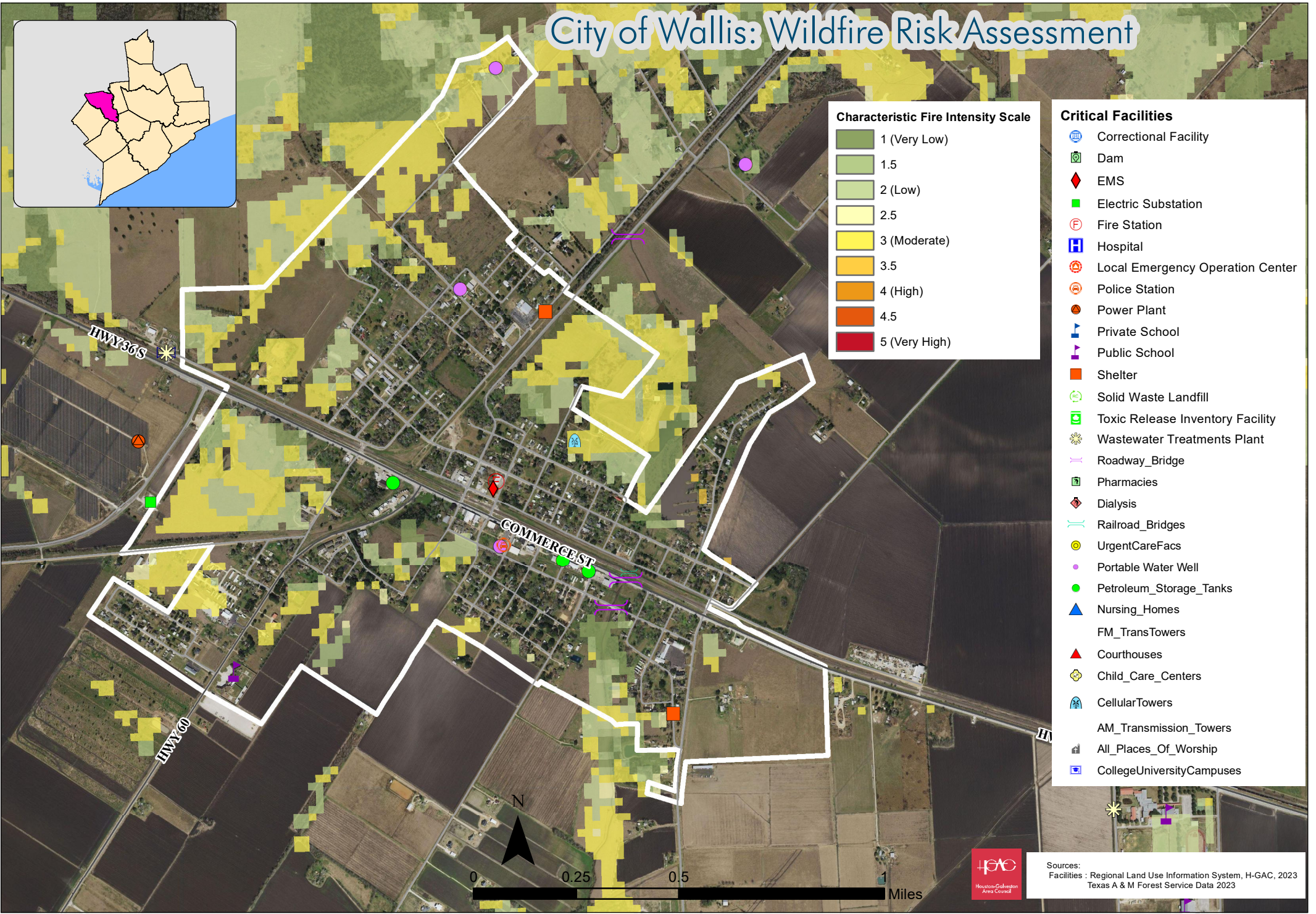
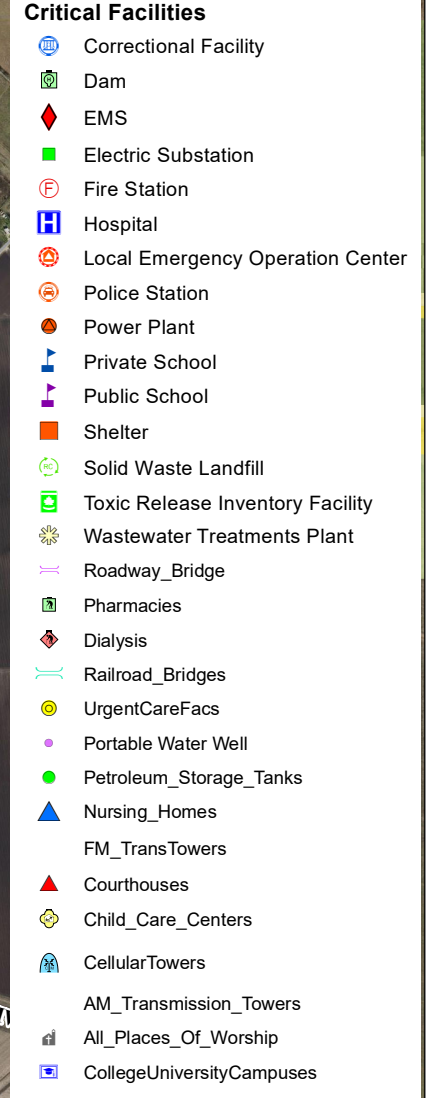
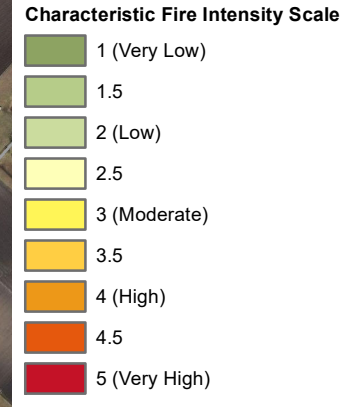
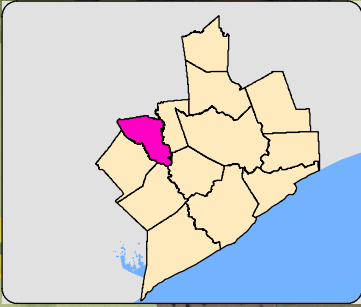
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Sources:
 Facilities : Regional Land Use Information System, H-GAC, 2023
 Texas A & M Forest Service Data 2023

City of Wallis: Wildfire Risk Assessment



Sources:
 Facilities : Regional Land Use Information System, H-GAC, 2023
 Texas A & M Forest Service Data 2023

Appendix C

CRITICAL FACILITIES

Critical Facility Type	Name	Address	City	Zip code	County	Latitude	Longitude
AM Transmission Tower	JHT VENTURES, INC., KULF	--	Bellville	77418	Austin	--	--
AM Transmission Tower	BUSTOS MEDIA HOLDINGS, LLC, KREH	--	Pecan Grove		Austin	--	--
Cellular Tower	AT&T Mobility Spectrum LLC	8812 HIGHWAY 36 NORTH	Bellville	77418	Austin	30.040	-96.318
Cellular Tower	AT&T Services, Inc.	8812 HIGHWAY 36 NORTH	Bellville	77418	Austin	30.040	-96.318
Cellular Tower	CINGULAR WIRELESS OF TEXAS RSA #16 LIMITED PARTNERSHIP	831 BARTLETT ROAD	Sealy	77474	Austin	29.777	-96.072
Cellular Tower	AT&T Services, Inc.	831 BARTLETT ROAD	Sealy	77474	Austin	29.777	-96.072
Cellular Tower	AT&T Mobility Spectrum LLC	230 FARM MARKET 2000	Sealy	77474	Austin	29.863	-96.192
Cellular Tower	AT&T Mobility Spectrum LLC	831 BARTLETT ROAD	Sealy	77474	Austin	29.777	-96.072
Cellular Tower	AT&T Services, Inc.	230 FARM MARKET 2000	Sealy	77474	Austin	29.863	-96.192
Cellular Tower	AT&T Services, Inc.	831 BARTLETT ROAD	Sealy	77474	Austin	29.777	-96.072
Cellular Tower	CINGULAR WIRELESS OF TEXAS RSA #16 LIMITED PARTNERSHIP	402 North 3rd	Wallis	77485	Austin	29.633	-96.059
Cellular Tower	AT&T Services, Inc.	402 North 3rd	Wallis	77485	Austin	29.633	-96.059
Cellular Tower	AT&T Mobility Spectrum LLC	402 North 3rd	Wallis	77485	Austin	29.633	-96.059
Cellular Tower	AT&T Services, Inc.	402 North 3rd	Wallis	77485	Austin	29.633	-96.059
Childcare Facility	SHADY ACRES DAY CARE CENTER	312 S FRONT ST	Bellville	77418	Austin	29.776	-96.157
Childcare Facility	ST MARYS EPISCOPAL DAY SCHOOL	24 N MASONIC ST	Bellville	77418	Austin	29.770	-96.165
Childcare Facility	TENDER CARE LEARNING CENTER	128 AND 218 S MATTHEWS	Bellville	77418	Austin	29.794	-96.099
Childcare Facility	THIS LITTLE LIGHT OF MINE	211 E HILBURN ST	Bellville	77418	Austin	29.773	-96.172
Childcare Facility	MATTHEW 7:24 EARLY LEARNING	4795 SEALY ROAD	San Felipe	77473	Austin	29.769	-96.154
Childcare Facility	A CHILDS PLACE	708 ATCHISON ST	Sealy	77474	Austin	29.944	-96.253
Childcare Facility	CREATIVE CARE CHILDREN'S SCHOOL - SEALY	1214 HIGHWAY 90 W	Sealy	77474	Austin	29.769	-96.157
Childcare Facility	MET / HEADSTART (AUSTIN COUNTY)	1460 GOEBEL ST	Sealy	77474	Austin	29.951	-96.259
Childcare Facility	RECE'S HOUSE OF ANGELS	238 MOODY ST	Sealy	77474	Austin	29.948	-96.256
Childcare Facility	SMALL WORLD EARLY CHILDHOOD ENRICHMENT CENTER, LLC	425 ENGELKING ST	Sealy	77474	Austin	29.946	-96.258
Childcare Facility	TRINITY LUTHERAN PRESCHOOL	402 ATCHISON ST	Sealy	77474	Austin	29.779	-96.158
College	BLINN COLLEGE - SEALY CAMPUS	3701 Outlet Mall Dr # 250	Sealy	77474	Austin	29.772	-96.126
Correctional Facility	AUSTIN COUNTY JAIL	417 N CHESLEY ST	Bellville	77418	Austin	29.243	-95.409
Courthouse	Austin County Courthouse	One East Main Street	Bellville	77418	Austin	29.950	-96.257
Dam	Arnold Lake Dam	--	--	77418	Austin	30.003	-96.242

Critical Facility Type	Name	Address	City	Zip code	County	Latitude	Longitude
Dam	Butler Dam	--	--	77418	Austin	29.885	-96.424
Dam	Conner Lake Dam	--	--	77418	Austin	29.838	-96.268
Dam	Cook Lake Dam	--	--	77418	Austin	30.045	-96.280
Dam	Dunn Lake Dam	--	--	77418	Austin	30.070	-96.224
Dam	George Alexander Dam	--	--	78933	Austin	29.968	-96.353
Dam	Hillbolt Lake Dam	--	--	78950	Austin	29.867	-96.306
Dam	Mawis Lake Dam	--	--	77426	Austin	29.994	-96.304
Dam	Mewis Lake Dam	--	--	77474	Austin	29.992	-96.296
Dam	Moore Lake Dam	--	--	77474	Austin	29.862	-96.361
Dam	Peters Lake Dam	--	--	77474	Austin	29.855	-96.214
Dam	Plowden Lake Dam	--	--	77474	Austin	29.709	-96.268
Dam	Travis Road Dam	--	--	77418	Austin	30.036	-96.331
Dam	Beaman Dam	--	Bellville	77418	Austin	30.018	-96.353
Dam	Fenner and Taylor Pond Dam	--	Bellville	77418	Austin	29.915	-96.395
Dam	Lucas Dam	--	Bellville	77418	Austin	29.898	-96.405
Dam	Mikeska Gss	--	Bellville	78950	Austin	30.030	-96.332
Dam	Traylor Gss	--	Bellville	78950	Austin	29.980	-96.305
Dam	Aj Smith Gss	--	Columbus	78950	Austin	29.888	-96.507
Dam	Jones Gss	--	Rosenberg	77418	Austin	30.000	-96.150
Dam	Koy Dam	--	Rosenberg	77474	Austin	29.815	-96.123
Dialysis Center	SEALY DIALYSIS	2242 CHAMPIONSHIP DRIVE	Sealy	77474	Austin	29.765	-96.179
Distribution Center	Walmart Distribution Center	2226 FM 3538, Sealy, TX 77474	Sealy	77474	Austin	29.732	-96.182
Elder Care Facility	BRIARWOOD MANOR CARE CENTER	1515 W MAIN	Bellville	77418	Austin	29.963484	-96.278849
Elder Care Facility	COLONIAL BELLE NURSING HOME	106 N BARON	Bellville	77418	Austin	29.778035	-96.160181
Elder Care Facility	ROSE HILL RETIREMENT HOME	318 S MASONIC	Bellville	77418	Austin	29.972495	-96.493657
Elder Care Facility	ARBORS OF BRIARWOOD	1517 W MAIN	Bellville	77418	Austin	29.772769	-96.169677
Elder Care Facility	OAK HAVEN ASSISTED LIVING	16416 FORDTRAN BLVD	Industry	78944	Austin	29.954608	-96.263809
Elder Care Facility	VERANDA HOUSE ASSISTED LIVING - SEALY	526 FIFTH ST	Sealy	77474	Austin	29.947224	-96.261047
Elder Care Facility	COLONIAL BELLE NURSING HOME SEALY	1401 EAGLE LAKE ROAD	Sealy	77474	Austin	29.963709	-96.278561
Elder Care Facility	BRAZOS CROSSING ASSISTED LIVING	526 WARD ST	Sealy	77474	Austin	29.777562	-96.160057

Critical Facility Type	Name	Address	City	Zip code	County	Latitude	Longitude
Electric Substation	WALLIS	--	Bellville	77418	Austin	29.631085	-96.076076
Electric Substation	UNKNOWN302576	--	Bellville	77418	Austin	29.902086	-96.212461
Electric Substation	RACCOON BEND	--	Bellville	77418	Austin	29.99094	-96.130477
Electric Substation	UNKNOWN305787	--	Cochran	77418	Austin	29.924245	-96.255901
Electric Substation	UNKNOWN306005	--	Industry	78944	Austin	29.959145	-96.263277
Electric Substation	UNKNOWN303858	--	New Ulm	78950	Austin	29.919747	-96.399401
Electric Substation	UNKNOWN300490	--	Peters	77474	Austin	30.032724	-96.478528
Electric Substation	BELLVILLE SOUTH	--	Sealy	77474	Austin	29.847841	-96.200574
Electric Substation	SEALY	--	Wallis	77485	Austin	29.779137	-96.170815
EMS	WALLIS VOLUNTEER FIRE DEPARTMENT	111 NORTH 2ND STREET	Wallis	77485	Austin	29.631267	-96.062209
EMS	AUSTIN COUNTY EMERGENCY MEDICAL SERVICES	840 WEST MAIN STREET	Bellville	77418	Austin	29.95623	-96.267377
EMS	CAT SPRINGS VOLUNTEER FIRE DEPARTMENT	10943 FARM TO MARKET 949	Cat spring	78933	Austin	29.843546	-96.327736
EMS	NEW ULM VOLUNTEER FIRE DEPARTMENT	5040 TAYLOR STREET	New ulm	78950	Austin	29.890651	-96.488203
EMS	SEALY EMERGENCY MEDICAL SERVICES	906 FOWLKES STREET	Sealy	77474	Austin	29.775594	-96.155191
EMS	BLEIBLERVILLE VOLUNTEER FIRE DEPARTMENT INCORPORATED	3912 FARM TO MARKET 2502	Bleiblerville	78931	Austin	30.003837	-96.44042
Fire Station	Wallis Volunteer Fire Department	111 North 2nd Street	Wallis	77485	Austin	29.631519	-96.062063
Fire Station	Bellville Volunteer Fire Department	511 West Main Street	Bellville	77418	Austin	29.952113	-96.26319
Fire Station	Cat Springs Volunteer Fire Department	10943 Farm To Market Road 949	Cat spring	78933	Austin	29.843563	-96.327751
Fire Station	New Ulm Volunteer Fire Department	5040 Taylor Street	New ulm	78950	Austin	29.890655	-96.488211
Fire Station	San Felipe Frydek Volunteer Fire Station 1	15023 Farm To Market Road 1458 North	Sealy	77474	Austin	29.796491	-96.100332
Fire Station	Sealy Fire Department	1207 US Highway 90 West	Sealy	77474	Austin	29.768759	-96.163352
Fire Station	Bleiblerville Volunteer Fire Department	3912 Farm To Market Road 2502	Bleiblerville	78931	Austin	30.003842	-96.440427
Fire Station	Bleiblerville Volunteer Fire Department	3912 Farm to Market Road 2502	Bleiblerville	78931	Austin	30.00801	-96.447089
FM Transmission Tower	KSBJ EDUCATIONAL FOUNDATION, KUBJ	--	Brenham	77833	Austin	--	--
FM Transmission Tower	L.C. ORRICK OUTREACH, INC.,KQLC	--	Sealy		Austin	--	--
FM Transmission Tower	JAKE E. KING, DK221CV	--	Sealy		Austin	--	--
Gas Round	City Gate 1	1729 Peschel Ln., Sealy, TX 77474	Sealy	77474	Austin	--	--

Critical Facility Type	Name	Address	City	Zip code	County	Latitude	Longitude
Gas Round	City Gate 2	920 Sealy/Frydek Rd., Sealy, TX 77474	Sealy	77474	Austin	--	--
Gas Round	DRS	103 HWY 90 East, Sealy, TX 77474	Sealy	77474	Austin	--	--
Hospital	BELLVILLE MEDICAL CENTER	44 NORTH CUMMINGS STREET	Bellville	77418	Austin	--	--
Lift Station	Ellis Jones	1000 Block of W. Austin St.	Bellville	77418	Austin	--	--
Lift Station	Krueger Feed	Behind 350 E. Glenn	Bellville	77418	Austin	--	--
Lift Station	Ward	620 N. Mechanic	Bellville	77418	Austin	--	--
Lift Station	Wiege	Behind 21 E. Grant St.	Bellville	77418	Austin	--	--
Lift Station	High School	850 Schumann Rd.	Bellville	77418	Austin	--	--
Lift Station	Sanders	Next to 1010 E. Hill St.	Bellville	77418	Austin	--	--
Lift Station	Road Side Park	800 Block of 159 W.	Bellville	77418	Austin	--	--
Lift Station	Skating Rink	1202 W. Main	Bellville	77418	Austin	--	--
Lift Station	Airport	1177 E. Main St.	Bellville	77418	Austin	--	--
Lift Station	Hillendahl	Behind 12355 Hwy 36 North	Bellville	77418	Austin	--	--
Lift Station	Briarwood Large	200 BriarRidge Dr.	Bellville	77418	Austin	--	--
Lift Station	SCM	1402 E. Hacienda	Bellville	77418	Austin	--	--
Lift Station	Glenn Street	Intersection Glenn St. and Curry St.	Bellville	77418	Austin	--	--
Lift Station	Davis	600 Block of N. Granville	Bellville	77418	Austin	--	--
Lift Station	Juniper	Next to 937 Juniper Ln.	Bellville	77418	Austin	--	--
Lift Station	Railroad Tracks	1100 Block of N. Granville	Bellville	77418	Austin	--	--
Lift Station	Briarwood Small	200 Block of Briarwood Dr.	Bellville	77418	Austin	--	--
Lift Station	Drying Beds	307 Hickory Rd.	Bellville	77418	Austin	--	--
Lift Station	Influent and wet well	307 Hickory Rd.	Bellville	77418	Austin	--	--
Lift Station	Clark Park RV	650 N. Granville	Bellville	77418	Austin	--	--
Lift Station	Clark Park	650 N. Granville	Bellville	77418	Austin	--	--
Lift Station	Garland Lift Station	949 Garland Ln, Sealy, TX 77474	Sealy	77474	Austin	--	--
Lift Station	N 3 rd Lift Station	100 N 3 rd , Sealy, TX 77474	Sealy	77474	Austin	--	--
Lift Station	Lantana Lift Station	218 East Lantana Dr., Sealy, TX 77474	Sealy	77474	Austin	--	--
Lift Station	Lakefield Lift Station	1780 Lakefield Dr., Sealy, TX 77474	Sealy	77474	Austin	--	--

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Lift Station	Columbus Rd. Lift Station	1420 FM 1094, Sealy, TX 77474	Sealy	77474	Austin	--	--
Lift Station	Valero Lift Station	2520 HWY 90 West, Sealy, TX 77474	Sealy	77474	Austin	--	--
Lift Station	Sika Lift Station	2880 FM 3538, Sealy, TX 77474	Sealy	77474	Austin	--	--
Lift Station	Walmart Lift Station	2158 FM 3013, Sealy, TX 77474	Sealy	77474	Austin	--	--
Lift Station	Ward Bend Lift Station	2606 Ward Bend Rd., Sealy, TX 77474	Sealy	77474	Austin	--	--
Lift Station	Mall Lift Station	1080 Old Sealy-Frydek Rd., Sealy, TX 77474	Sealy	77474	Austin	--	--
Lift Station	Michalke Lift Station	445 Old San Felipe Rd., Sealy, TX 77474	Sealy	77474	Austin	--	--
Local Emergency Operation Center	AUSTIN COUNTY EMERGENCY OPERATIONS CENTER	1 EAST MAIN STREET	Bellville	77418	Austin	29.950316	-96.25729
Local Emergency Operation Center	AUSTIN COUNTY EMERGENCY OPERATIONS CENTER-ALTERNATE	417 NORTH CHESLEY STREET	Bellville	77418	Austin	29.958041	-96.263115
Petroleum Storage Tank	7-ELEVEN STORE 41009	322 E MAIN ST	Bellville	77418	Austin	29.949481	-96.254518
Petroleum Storage Tank	BELLVILLE SHELL FOOD COURT	800 W MAIN ST	Bellville	77418	Austin	29.95688	-96.26797
Petroleum Storage Tank	TXDOT BELLVILLE MAINTENANCE	202 N CHESLEY ST	Bellville	77418	Austin	29.95687	-96.26536
Petroleum Storage Tank	BELLVILLE MART	204 E MAIN ST	Bellville	77418	Austin	29.94996	-96.2557
Petroleum Storage Tank	CITY OF BELLVILLE	30 N CURRY ST	Bellville	77418	Austin	29.94931	-96.25207
Petroleum Storage Tank	BELLVILLE SHELL FOOD COURT 2	1216 S FRONT ST	Bellville	77418	Austin	29.93209	-96.25001
Petroleum Storage Tank	LUCKY STOP	1720 S FRONT ST	Bellville	77418	Austin	29.92481	-96.24487
Petroleum Storage Tank	SAN BERNARD ELECTRIC COOPERATIVE	309 W MAIN ST	Bellville	77418	Austin	29.95183	-96.26139
Petroleum Storage Tank	BROOKSHIRE BROTHERS 39	720 S FRONT ST	Bellville	77418	Austin	29.93905	-96.2517
Petroleum Storage Tank	J & R FOOD MART 2	625 W MAIN ST	Bellville	77418	Austin	29.95421	-96.26497
Petroleum Storage Tank	BELLVILLE ISD TRANSPORTATION CENTER	1043 E HACIENDA ST	Bellville	77418	Austin	29.93055	-96.25065
Petroleum Storage Tank	DIAMOND K & S	16693 FORDTRAN BLVD	Industry	78944	Austin	29.97191	-96.49867
Petroleum Storage Tank	LINDEMANN STORE	7745 ERNST PKWY	Industry	78944	Austin	29.97155	-96.50223

Critical Facility Type	Name	Address	City	Zip code	County	Latitude	Longitude
Petroleum Storage Tank	C STORE	117 N MEYER ST	Sealy	77474	Austin	29.78388	-96.15785
Petroleum Storage Tank	TIGER MART 4	105 MEYER ST	Sealy	77474	Austin	29.78251	-96.15814
Petroleum Storage Tank	STAR STOP 70	2007 MEYER RD	Sealy	77474	Austin	29.76402	-96.15209
Petroleum Storage Tank	MURPHY USA 7701	216 SCHMIDT RD	Sealy	77474	Austin	29.75676	-96.15114
Petroleum Storage Tank	PWI 123	2100 HIGHWAY 36 S	Sealy	77474	Austin	29.76214	-96.15215
Petroleum Storage Tank	SEALY FOOD MART	622 HIGHWAY 90 W	Sealy	77474	Austin	29.76937	-96.15983
Petroleum Storage Tank	SEALY ISD BUS BARN	1318 KLOECKER RD	Sealy	77474	Austin	29.76369	-96.17181
Petroleum Storage Tank	SEALY FUEL EXPRESS	320 N CIRCLE DR	Sealy	77474	Austin	29.77501	-96.15631
Petroleum Storage Tank	MAIN STREET MARKET 121	2010 HIGHWAY 36 S	Sealy	77474	Austin	29.76287	-96.1524
Petroleum Storage Tank	LITTLE TRIANGLE FOOD MART	323 N CIRCLE DR	Sealy	77474	Austin	29.77538	-96.15706
Petroleum Storage Tank	SEALY COUNTRY STORE	856 HIGHWAY 90 E	Sealy	77474	Austin	29.77388	-96.13745
Petroleum Storage Tank	WAL-MART DC 7036	3162 BRAST RD	Sealy	77474	Austin	29.73187	-96.1791
Petroleum Storage Tank	WAL-MART DC 7036	3162 BRAST RD	Sealy	77474	Austin	29.73187	-96.1791
Petroleum Storage Tank	PARK PLACE TRAVEL PLAZA	5168 NE I 10 FRONTAGE RD	Sealy	77474	Austin	29.77707	-96.10721
Petroleum Storage Tank	7S MART	305 MEYER ST	Sealy	77474	Austin	29.78066	-96.15781
Petroleum Storage Tank	TPG 547 07	1809 MEYER ST	Sealy	77474	Austin	29.76586	-96.15405
Petroleum Storage Tank	WILDCAT EXPRESS SEALY	6025 FM 3538 RD	Sealy	77474	Austin	29.764486	-96.185113
Petroleum Storage Tank	WILDCAT EXPRESS SEALY	6025 FM 3538 RD	Sealy	77474	Austin	29.764516	-96.185102
Petroleum Storage Tank	SEALY TRUCK STOP	5058 NW I 10 FRONTAGE RD	Sealy	77474	Austin	29.76044	-96.22228
Petroleum Storage Tank	D&M ONE STOP	6003 COMMERCE ST	Wallis	77485	Austin	29.62826	-96.05843
Petroleum Storage Tank	ELAN 3	6607 COMMERCE ST	Wallis	77485	Austin	29.63158	-96.06625
Petroleum Storage Tank	WALLIS QUICK STOP	6101 COMMERCE ST	Wallis	77485	Austin	29.62869	-96.05946

Critical Facility Type	Name	Address	City	Zip code	County	Latitude	Longitude
Pharmacy	BROOKSHIRE BROTHERS FOOD AND PHARMACY - 39	720 SOUTH FRONT STREET	Bellville	77418	Austin	--	--
Pharmacy	WALTER'S PHARMACY	250 WEST PALM STREET	Bellville	77418	Austin	--	--
Pharmacy	WAL-MART SUPERCENTER - 437	310 OVERCREEK WAY	Sealy	77474	Austin	--	--
Pharmacy	CVS - 8388	802 MEYER STREET	Sealy	77474	Austin	--	--
Pharmacy	WALGREENS - 10681	1808 MEYER STREET	Sealy	77474	Austin	--	--
Pharmacy	LIFECHEK HEALTH MART PHARMACY - 26	307 MAIN STREET	Sealy	77474	Austin	--	--
Place of Worship	IGLESIA DE CRISTO JERUSALEM MISIONES Y MINISTERIOS		Bellville	77418	Austin	--	--
Place of Worship	NEW HORIZONS BAPTIST CHURCH OF BELLVILLE TEXAS INC		Bellville	77418	Austin	--	--
Place of Worship	ASSOCIATION OF EVANGELICAL GOSPEL ASSEMBLEIES		Bellville	77418	Austin	--	--
Place of Worship	ST MARYS EPISCOPAL CHURCH		Bellville	77418	Austin	--	--
Place of Worship	ST MARYS EPISCOPAL DAY SCHOOL		Bellville	77418	Austin	--	--
Place of Worship	FIRST BAPTIST CHURCH BELLVILLE		Bellville	77418	Austin	--	--
Place of Worship	WESLEY BRETHREN CHURCH		Brenham	77833	Austin	--	--
Place of Worship	WELCOME LUTHERAN CHURCH		Brenham	77833	Austin	--	--
Place of Worship	ST JAMES LUTHERAN CHURCH OF NEW WEHDEM		Brenham	77833	Austin	--	--
Place of Worship	ST PAUL		Brenham	77833	Austin	--	--
Place of Worship	ST JOHN		Cat Spring	78933	Austin	--	--
Place of Worship	CAT SPRING RETREAT INC		Cat Spring	78933	Austin	--	--
Place of Worship	HAZAK MINISTRIES INC		Industry	78944	Austin	--	--
Place of Worship	CHURCH OF GOD OF PROPHECY		New Ulm	78950	Austin	--	--
Place of Worship	SEALY CHRISTIAN CONNECTIONS		Sealy	77474	Austin	--	--
Place of Worship	CATHOLIC DAUGHTERS OF THE AMERICAS		Sealy	77474	Austin	--	--
Place of Worship	ST JOHNS EPISCOPAL CHURCH		Sealy	77474	Austin	--	--
Place of Worship	FIRST BAPTIST CHURCH OF SEALY		Sealy	77474	Austin	--	--
Place of Worship	THE SHEPHARDS WAY		Sealy	77474	Austin	--	--
Place of Worship	SHEPHERDS WAY		Sealy	77474	Austin	--	--
Place of Worship	SONNY RICE MINISTRY		Sealy	77474	Austin	--	--
Place of Worship	ST PAUL LUTHERAN CHURCH OF SHELBY		Shelby	78940	Austin	--	--
Police Station	WALLIS POLICE DEPARTMENT	114 SOUTH 3RD STREET	Wallis	77485	Austin	29.629268	-96.061838

Critical Facility Type	Name	Address	City	Zip code	County	Latitude	Longitude
Police Station	BELLVILLE POLICE DEPARTMENT	20 SOUTH HARRIS STREET	Bellville	77418	Austin	29.949089	-96.255681
Police Station	AUSTIN COUNTY SHERIFFS OFFICE / AUSTIN COUNTY JAIL	417 NORTH CHESLEY STREET	Bellville	77418	Austin	29.958105	-96.263082
Police Station	SAN FELIPE POLICE DEPARTMENT	927 6TH STREET	San Felipe	77474	Austin	29.798785	-96.096267
Police Station	SEALY POLICE DEPARTMENT	201 SECOND STREET	Sealy	77474	Austin	29.78237	-96.156946
Police Station	SEALY INDEPENDENT SCHOOL DISTRICT POLICE- SEALY JUNIOR HIGH	939 TIGER LANE	Sealy	77474	Austin	29.772446	-96.160003
Police Station	SEALY INDEPENDENT SCHOOL DISTRICT POLICE - SEALY HIGH SCHOOL	2372 CHAMPIONSHIP DRIVE	Sealy	77474	Austin	29.76206	-96.174388
Power Plant	BOVINE	427 W FM 1093	Wallis	77485	Austin	29.633228	-96.076513
Power Plant	HARVEST MOON RENEWABLE ENERGY COMPANY	886 FM 3013	Sealy	77474	Austin	29.7408	-96.159904
Precinct Barn	Austin County Precinct 4	438 Gebhardt Rd Sealy, TX 77474	Sealy	77474	Austin	--	--
Precinct Barn	Austin County Precinct 3	166 Jefferson St, Cat Springs, TX 78933	Cat Spring	78933	Austin	--	--
Precinct Barn	Austin County Precinct 1	Hwy 36 North, Bellville, TX 77418	Bellville	77418	Austin	--	--
Precinct Barn	Austin County Precinct 2	6188 FM 109, Industry, TX 78950	Industry	78950	Austin	--	--
Private School	FAITH ACADEMY OF BELLVILLE	12177 HWY 36	Bellville	77418	Austin	29.919877	-96.240534
Private School	ST MARYS EPISCOPAL DAY SCHOOL	24 N MASONIC ST	Bellville	77418	Austin	29.951304	-96.258543
Public School	BRAZOS H S	--	Wallis	77485	Austin	29.619189	-96.035274
Public School	BRAZOS MIDDLE	--	Wallis	77485	Austin	29.615875	-96.034619
Public School	WEST END EL	--	Industry	78944	Austin	29.967364	-96.502206
Public School	PRAIRIE HARBOR ALTERNATIVE SCHOOL	--	Wallis	77485	Austin	29.625033	-96.072832
Public School	SPICER ALTER ED CTR	--	Bellville	77418	Austin	29.949942	-96.268049
Public School	BELLVILLE H S	--	Bellville	77418	Austin	29.924632	-96.251949
Public School	BELLVILLE J H	--	Bellville	77418	Austin	29.929173	-96.252009
Public School	BELLVILLE J H	--	Bellville	77418	Austin	29.929173	-96.252009
Public School	O'BRYANT INT	--	Bellville	77418	Austin	29.944373	-96.255303
Public School	O'BRYANT PRI	--	Bellville	77418	Austin	29.943846	-96.254205
Public School	SEALY J H	--	Sealy	77474	Austin	29.77266	-96.16082
Public School	SELMAN EL	--	Sealy	77474	Austin	29.766478	-96.171494
Public School	SEALY H S	--	Sealy	77474	Austin	29.762093	-96.174306
Public School	SEALY EL	--	Sealy	77474	Austin	29.794606	-96.171439

Critical Facility Type	Name	Address	City	Zip code	County	Latitude	Longitude
Railroad Bridge	PINEY CREEK	--	Bellville	77418	Austin	29.972616	-96.263449
Railroad Bridge	PINEY CREEK	--	Bellville	77418	Austin	29.996999	-96.289749
Railroad Bridge	STATE LOOP 497	--	Bellville	77418	Austin	30.057733	-96.337141
Railroad Bridge	None	--	Bellville	77418	Austin	29.83092	-96.285516
Railroad Bridge	Little Bernard Creek	--	Cat Spring	78933	Austin	29.828413	-96.27954
Railroad Bridge	Panther Creek	--	Cat Spring	78933	Austin	29.855317	-96.36658
Railroad Bridge	Schweiner Creek	--	Cat Spring	78933	Austin	29.855001	-96.359881
Railroad Bridge	Plum Creek	--	Cat Spring	78933	Austin	29.852495	-96.339708
Railroad Bridge	None	--	Cat Spring	78933	Austin	29.840633	-96.302584
Railroad Bridge	None	--	New Ulm	78950	Austin	29.885186	-96.478691
Railroad Bridge	None	--	Sealy	77474	Austin	29.656523	-96.105046
Railroad Bridge	None	--	Sealy	77474	Austin	29.648877	-96.098848
Railroad Bridge	None	--	Sealy	77474	Austin	29.639184	-96.082316
Railroad Bridge	None	--	Sealy	77474	Austin	29.777729	-96.104679
Railroad Bridge	None	--	Sealy	77474	Austin	29.749023	-96.146576
Railroad Bridge	None	--	Sealy	77474	Austin	29.686566	-96.129401
Railroad Bridge	None	--	Sealy	77474	Austin	29.819643	-96.164444
Railroad Bridge	None	--	Sealy	77474	Austin	29.737062	-96.143559
Railroad Bridge	ALLENS CREEK	--	Sealy	77474	Austin	29.757291	-96.148662
Railroad Bridge	BRAZOS RIVER	--	Sealy	77474	Austin	29.771759	-96.03623
Railroad Bridge	LITTLE BERNARD CREEK	--	Sealy	77474	Austin	29.808381	-96.230569
Railroad Bridge	BULLINGER CREEK	--	Sealy	77474	Austin	29.79865	-96.15913
Railroad Bridge	DEADMAN CREEK	--	Sealy	77474	Austin	29.862561	-96.189256
Railroad Bridge	MILL CREEK	--	Sealy	77474	Austin	29.881035	-96.204939
Railroad Bridge	None	--	Sealy	77474	Austin	29.771728	-96.055525
Railroad Bridge	None	--	Sealy	77474	Austin	29.799939	-96.213995
Railroad Bridge	None	--	Sealy	77474	Austin	29.85087	-96.179331
Railroad Bridge	ELM SLOUGH	--	Wallis	77485	Austin	29.628173	-96.056787
Shelter	Guardian Angel Catholic Church	5610 Demel Street	Wallis	77485	Austin	29.623149	-96.055154
Shelter	Wallis Columbus Club	703 Columbus Rd.	Wallis	77485	Austin	29.637457	-96.059911
Shelter	St. Peter And Paul Catholic Church	936 South Front St.	Bellville	77418	Austin	29.93551	-96.250459
Shelter	St. John Lutheran Church	520 NORTH HOLLAND	Bellville	77418	Austin	29.956033	-96.254992

Critical Facility Type	Name	Address	City	Zip code	County	Latitude	Longitude
Shelter	Cat Spring Agricultural Hall	13035 Hall Rd	Cat spring	78933	Austin	29.864028	-96.32238
Shelter	St. John Lutheran Church	480 Ross St	Cat spring	78933	Austin	29.843384	-96.325777
Shelter	St. John's Lutheran Church	211 Hickory Road	New Ulm	78950	Austin	29.894015	-96.490659
Shelter	Fireman's Hall	16522 Hwy 159 West	Industry	78944	Austin	29.972077	-96.495372
Shelter	American Legion Post 442	1630 Meyer	Sealy	77474	Austin	29.76802	-96.154133
Shelter	W.E. Hill Community Center	1000 Main Street	Sealy	77474	Austin	29.779208	-96.166436
Shelter	First Baptist Church	707 8th Street	Sealy	77474	Austin	29.774927	-96.160788
Shelter	St. John's Episcopal Church	515 Meyer St	Sealy	77474	Austin	29.777886	-96.156525
Shelter	Knights of Columbus Hall	1310 Highway 90 W	Sealy	77474	Austin	29.769804	-96.165654
Solid Waste Landfill	COUNTY WASTE INC	7312 PALM RD	Sealy	77474	Austin	29.890998	-96.290157
Solid Waste Landfill	CITY OF SEALY TRANSFER STATION	1097 DOWNEY RD	Sealy	77474	Austin	29.79203	-96.145544
Toxic Release Inventory Facility	BELLVILLE TUBE	141 MILLER RD PO BOX 220	Bellville	77418	Austin	29.891374	-96.213221
Toxic Release Inventory Facility	NATIONAL FLANGE & FITTING CO	3965 FM 529	Bellville	77418	Austin	29.9408	-96.20355
Toxic Release Inventory Facility	WESTERN INTERNATIONAL GAS & CYLINDERS, INC.	7173 HWY 159E	Bellville	77418	Austin	30.00689	-96.17707
Toxic Release Inventory Facility	MAASS FLANGE CORP.- SEALY	507 U.S. HWY 90 E	Sealy	77474	Austin	29.775278	-96.131667
Toxic Release Inventory Facility	SIKA CORPORATION	3000 FM 3538 RD	Sealy	77474	Austin	29.727594	-96.178315
Toxic Release Inventory Facility	ACME BRICK CO-SAN FELIPE PLANT	6005 PETERS SAN FELIPE ROAD	Sealy	77474	Austin	29.82465	-96.13706
Toxic Release Inventory Facility	BAE SYSTEMS	5000 I-10	Sealy	77474	Austin	29.7647	-96.2181
Urgent Care	SEALY URGENT CARE CENTER AND MEDICAL CLINIC	1036 NORTH CIRCLE DRIVE	Sealy	77474	Austin	--	--
Urgent Care	BRAZOS VALLEY MEDICAL CLINIC - URGENT CARE	1411 UNITED STATES HIGHWAY 90 WEST	Sealy	77474	Austin	--	--
Wastewater Treatment Plant	CITY OF WALLIS WWTP	17403 RAILROAD ST	Wallis	77485	Austin	29.636356	-96.075285
Wastewater Treatment Plant	BRAZOS ISD WWTP	227 EDUCATOR LN	Wallis	77485	Austin	29.619398	-96.037435
Wastewater Treatment Plant	CITY OF BELLVILLE WWTP	393 W CHATAM ST	Bellville	77418	Austin	29.942167	-96.268556
Wastewater Treatment Plant	CITY OF INDUSTRY WWTP	1432 MAREK RD	Austin county	78950	Austin	29.980834	-96.519586
Wastewater Treatment Plant	STEPHEN F AUSTIN HISTORICAL PARK	4300' N INTX PARK RD 38 & PEACH ST	Austin county	77474	Austin	29.821056	-96.107444

Critical Facility Type	Name	Address	City	Zip code	County	Latitude	Longitude
Wastewater Treatment Plant	ALLENS CREEK WWTF	0.6 MI SE INTEX OF I-10 AND ST HWY 36	Sealy	77474	Austin	29.757462	-96.148036
Water Tower	Sealy Water Tower	--	Sealy	77475	Austin	--	--
Water/Sewer Rounds	Well 5	915 Columbus Rd., Sealy, TX 77474	Sealy	77476	Austin	--	--
Water/Sewer Rounds	Well 6	631 Columbus Rd., Sealy, TX 77474	Sealy	77474	Austin	--	--
Water/Sewer Rounds	Well 7	800 Silliman St., Sealy, TX 77474	Sealy	77474	Austin	--	--
Water/Sewer Rounds	Well 8	2051 Ward Bend Rd., Sealy, TX 77474	Sealy	77474	Austin	--	--

Critical Facility Type	Crossing	Location	County	Notes: Features Crossed	Notes: Average Daily Traffic	Latitude	Longitude
Roadway Bridge	FM 529	5.5 MI W OF FM 359	Austin	BRAZOS RIVER	3,720	29.915297	-96.113394
Roadway Bridge	SH 36	3.30 MI NW OF SH 159	Austin	LONG BRANCH	6,088	29.994058	-96.302178
Roadway Bridge	SH 36	1.44 MI S OF FM 2429	Austin	FLAT BRANCH	7,661	29.925919	-96.245108
Roadway Bridge	SH 36	7.05 MI N OF SH 159	Austin	BNSF RR LP 497 HALL RD	5,148	30.046169	-96.3209
Roadway Bridge	SH 36 NB	3.6 MI S OF FM 2429	Austin	MILL CREEK	3,843	29.883883	-96.208003
Roadway Bridge	SH 36 NB	3.3 MI S OF FM 2429	Austin	MILL CREEK RELIEF	3,843	29.886844	-96.210522
Roadway Bridge	SH 36 SB	3.9 Mi NW of FM 331	Austin	Mill Creek Relief	3,818	29.885111	-96.209378
Roadway Bridge	SH 36 SB	3.4 Mi NW of FM 331	Austin	Mill Creek	3,818	29.880389	-96.205389
Roadway Bridge	SH 36	0.08 MI N OF FM 2429	Austin	DRAW	11,535	29.925956	-96.245017
Roadway Bridge	SH 36 NB	0.75 MI S OF FM 949	Austin	DEADMAN CREEK	4,185	29.862519	-96.189719
Roadway Bridge	SH 36	0.80 MI S OF FM 331	Austin	DRAW	10,715	29.828883	-96.167244
Roadway Bridge	SH 36	2.90 MI S OF FM 331	Austin	BULLINGER CREEK	10,715	29.799083	-96.161708
Roadway Bridge	SH 36	0.04 MI S OF FM 3013	Austin	DRAW	15,203	29.749	-96.146892
Roadway Bridge	SH 36	0.47 MI S OF FM 3013	Austin	DRAW	5,159	29.742861	-96.145333
Roadway Bridge	SH 36	0.46 MI S OF IH 10	Austin	ALLENS CREEK	15,203	29.758272	-96.149906
Roadway Bridge	SH 36	1.80 MI S OF FM 331	Austin	DRAINAGE DITCH	10,715	29.814756	-96.163653
Roadway Bridge	SH 36	0.88 MI S OF FM 3013	Austin	DRAINAGE DITCH	5,159	29.737061	-96.143875
Roadway Bridge	SH 36 SB	1.9 Mi NW of FM 331	Austin	DEADMAN CREEK	4,125	29.862269	-96.18985
Roadway Bridge	SH 36	4.45 MI S OF FM 3013	Austin	FLAT CREEK	4,840	29.686442	-96.12965
Roadway Bridge	SH 36	0.20 MI NW OF FM 1952	Austin	ELM SLOUGH	5,538	29.627919	-96.056931
Roadway Bridge	SH 60	2.50 MI SW OF SH 36	Austin	SAN BERNARD RIVER	2,893	29.602194	-96.089817

Critical Facility Type	Crossing	Location	County	Notes: Features Crossed	Notes: Average Daily Traffic	Latitude	Longitude
Roadway Bridge	IH 10 WB ON RAMP	0.30 MI W OF SH 36	Austin	ALLENS CREEK	3,790	29.763458	-96.156672
Roadway Bridge	GEPHARDT RD/IH10FR	0.20 MI W OF SH 36	Austin	ALLENS CREEK	2,993	29.763231	-96.156614
Roadway Bridge	IH 10 ML	0.25 MI W OF SH 36	Austin	ALLENS CREEK	38,320	29.763325	-96.156739
Roadway Bridge	IH 10 EBFR	0.20 MI W OF SH 36	Austin	ALLENS CREEK	4,338	29.762439	-96.156031
Roadway Bridge	IH 10	0.38 MI W OF SH 36	Austin	DRAW	38,320	29.762797	-96.15885
Roadway Bridge	IH 10	0.3 Mi. W. of SH 36	Austin	DRAW	4,338	29.762583	-96.157611
Roadway Bridge	IH 10	2.05 MI W OF SH 36	Austin	FM 3538	39,831	29.763003	-96.185236
Roadway Bridge	IH 10	1.15 MI W OF SH 36	Austin	REXVILLE RD	44,576	29.759817	-96.170447
Roadway Bridge	IH 10	0.39 MI W OF FM 3538	Austin	DRAW	39,831	29.763683	-96.191514
Roadway Bridge	IH 10	1.13 Mi. W. of SH 36	Austin	DRAW	44,559	29.759722	-96.170594
Roadway Bridge	IH 10 EB	6.55 MI W OF SH 36	Austin	CROOKED BRANCH	46,316	29.753689	-96.258739
Roadway Bridge	IH 10 EBFR	6.55 MI W OF SH 36	Austin	CROOKED BRANCH	192	29.753483	-96.259069
Roadway Bridge	IH 10 WBFR	6.80 MI W OF SH 36	Austin	CROOKED BRANCH	817	29.754111	-96.258811
Roadway Bridge	BECKENDORFF RD	7.20 MI W OF SH 36	Austin	IH 10	277	29.752581	-96.269369
Roadway Bridge	IH 10	3.30 MI W OF SH 36	Austin	LITTLE BERNARD CREEK	46,316	29.761283	-96.205489
Roadway Bridge	IH 10 EBFR	3.30 MI W OF SH 36	Austin	LITTLE BERNARD CREEK	150	29.760969	-96.20555
Roadway Bridge	IH 10 WBFR	3.50 MI W OF SH 36	Austin	LITTLE BERNARD CREEK	817	29.761586	-96.20575
Roadway Bridge	PYKA RD	4.73 MI E OF COLORADO C/L	Austin	IH 10	48	29.758719	-96.220528
Roadway Bridge	IH 10	8.00 MI W OF SH 36	Austin	DRAW	46,316	29.750919	-96.282969
Roadway Bridge	IH 10	3.5 MI E OF FM 2761	Austin	DRAW	39,831	29.752	-96.2741
Roadway Bridge	IH 10	1 MI E OF BECKENDORFF RD	Austin	DRAW	39,831	29.754525	-96.253031

Critical Facility Type	Crossing	Location	County	Notes: Features Crossed	Notes: Average Daily Traffic	Latitude	Longitude
Roadway Bridge	IH 10	5.35 MI W OF SH 36	Austin	DRAW	39,831	29.756092	-96.239772
Roadway Bridge	IH 10	0.35 MI E OF FM 1458	Austin	DRAW	65,213	29.776292	-96.103369
Roadway Bridge	IH 10	3.25 MI E OF FM 1458	Austin	DRAW	65,213	29.771158	-96.055625
Roadway Bridge	IH 10	1.3 MI E OF SH 36	Austin	US 90	52,333	29.773261	-96.134047
Roadway Bridge	IH 10	2.80 MI E OF SH 36	Austin	FM 1458	56,725	29.776092	-96.109039
Roadway Bridge	IH 10	0.55 MI W OF AUSTIN C/L	Austin	CHEW/BARTLETT RD	65,213	29.769819	-96.0451
Roadway Bridge	IH 10	2.80 MI W OF FM 1458	Austin	SH 36	45,006	29.764667	-96.152836
Roadway Bridge	IH 10	0.10 MI E OF SH 36	Austin	W FRONT ST & BNSF RR	45,006	29.765297	-96.150633
Roadway Bridge	MLCAK RD	0.10 MI N OF IH 10	Austin	UPRR	730	29.774097	-96.074917
Roadway Bridge	IH 10	0.80 MI E OF SH 36	Austin	DRAW	45,006	29.768939	-96.139906
Roadway Bridge	US 90	0.30 MI N OF IH 10	Austin	SH 36	6,673	29.770303	-96.154792
Roadway Bridge	US 90	0.13 MI E OF SH 36	Austin	BNSF RR & W FRONT ST	6,673	29.770833	-96.152186
Roadway Bridge	FM 3538	0.3 MI S OF IH 10	Austin	DRAW	2,182	29.759389	-96.188125
Roadway Bridge	FM 3538	0.50 MI N OF FM 3013	Austin	WALMART OUTFALL	1,844	29.729681	-96.180864
Roadway Bridge	FM 389	3.00 MI NE OF FM 1457	Austin	WEST FORK MILL CRK	644	30.058725	-96.578928
Roadway Bridge	FM 389	1.90 MI NE OF FM 1457	Austin	CEDAR CREEK	644	30.046475	-96.588667
Roadway Bridge	FM 389	1.40 MI NE OF FM 1457	Austin	DRAW	644	30.040031	-96.585797
Roadway Bridge	SH 159	2.00 MI W OF FM 1457	Austin	FORD TRAIN BRANCH	1,386	29.978808	-96.574647
Roadway Bridge	SH 159	0.50 MI E OF FM 1457	Austin	MAREK BRANCH	2,306	29.977875	-96.535422
Roadway Bridge	SH 159	3.70 MI E OF FM 109	Austin	ROCKY CREEK	1,815	29.97225	-96.441878
Roadway Bridge	SH 159	0.60 MI E OF FM 2502	Austin	LONG BRANCH	2,025	29.975364	-96.396458

Critical Facility Type	Crossing	Location	County	Notes: Features Crossed	Notes: Average Daily Traffic	Latitude	Longitude
Roadway Bridge	SH 159	6.15 MI E OF FM 2502	Austin	MUERY CREEK	3,174	29.958694	-96.311006
Roadway Bridge	SH 159	3.27 MI E OF FM 109	Austin	WEST MILL CREEK	1,815	29.970658	-96.448086
Roadway Bridge	SH 159	5.5 MI E OF FM 2502	Austin	EAST MILL CREEK	2,980	29.959739	-96.319808
Roadway Bridge	FM 529	4.84 MI E OF SH 159	Austin	DRY CREEK	1,928	29.931033	-96.178253
Roadway Bridge	SH 159	2.05 MI NE OF FM 529	Austin	PINEY CREEK	5,424	29.967789	-96.226864
Roadway Bridge	SH 159	2.85 MI NE OF FM 529	Austin	CLEAR CREEK	5,424	29.9771	-96.218208
Roadway Bridge	SH 159	4.65 MI NE OF FM 529	Austin	IVYS CREEK	5,224	29.994261	-96.196183
Roadway Bridge	SH 159	5.15 MI NE OF FM 529	Austin	MUDDY BRANCH	5,224	29.999261	-96.189714
Roadway Bridge	SH 159	6.75 MI NE OF FM 529	Austin	DRAW	5,224	30.012067	-96.167978
Roadway Bridge	SH 159	1.8 MI NE OF FM 1456	Austin	BRAZOS RIVER RELIEF	5,558	30.037964	-96.117317
Roadway Bridge	FM 1093	0.78 MI E OF WHARTON C/L	Austin	EAST BERNARD CREEK	803	29.6268	-96.134564
Roadway Bridge	FM 1093	2.20 MI W OF SH 36	Austin	DRAW	803	29.628281	-96.10825
Roadway Bridge	FM 1458	0.40 MI N OF IH 10	Austin	DRAW	2,630	29.781522	-96.106897
Roadway Bridge	FM 1458	0.60 MI SE OF IH 10	Austin	DRAW	1,177	29.768783	-96.103658
Roadway Bridge	FM 1458	5.30 MI SE OF IH 10	Austin	ALLIGATOR HOLE	640	29.717089	-96.059433
Roadway Bridge	FM 1458	0.85 MI NW OF FM 1093	Austin	ALLENS CREEK	640	29.662458	-96.051297
Roadway Bridge	FM 1952	1.40 MI S OF SH 36	Austin	DRAINAGE DITCH	524	29.606611	-96.054667
Roadway Bridge	PR 38	0.98 MI W OF FM 1458	Austin	BULLINGER CRK	320	29.813661	-96.108397
Roadway Bridge	FM 109	1.25 MI N OF FM 1094	Austin	SPRING BRANCH CREEK	2,081	29.909817	-96.488533
Roadway Bridge	FM 109	2.35 MI NE OF FM 2502	Austin	WILLIAMS CREEK	2,631	30.062839	-96.458867
Roadway Bridge	FM 109	4.30 MI S OF FM 2502	Austin	WEST MILL CREEK	2,613	29.982128	-96.500028

Critical Facility Type	Crossing	Location	County	Notes: Features Crossed	Notes: Average Daily Traffic	Latitude	Longitude
Roadway Bridge	FM 109	1.00 MI SE OF SH 159	Austin	POST OAK POINT CREEK	2,081	29.958853	-96.4959
Roadway Bridge	FM 949	0.20 MI NE OF FM 1094	Austin	CAT SPRING CREEK	1,673	29.865667	-96.316172
Roadway Bridge	FM 949	2.40 MI E OF FM 2429	Austin	CLEAR CREEK	365	29.866489	-96.230042
Roadway Bridge	FM 949	1.00 MI E OF FM 2429	Austin	SWEARINGEN CREEK	365	29.873947	-96.251547
Roadway Bridge	FM 1093	0.80 MI NE OF SH 36	Austin	ELM SLOUGH	2,460	29.640047	-96.056483
Roadway Bridge	FM 1456	0.1 Mi NW of SH 159	Austin	DRAW	728	30.025033	-96.144211
Roadway Bridge	FM 1456	5.20 MI N OF SH 36	Austin	IVYS CREEK	806	30.019708	-96.2259
Roadway Bridge	FM 1456	3.30 MI N OF SH 36	Austin	CLEAR CREEK	2,373	29.995547	-96.240378
Roadway Bridge	FM 1456	1.85 MI N OF SH 36	Austin	PINEY CREEK	2,373	29.975747	-96.249092
Roadway Bridge	FM 1094	2.50 MI NW OF FM 2187	Austin	DRAW	2,065	29.812114	-96.216967
Roadway Bridge	FM 1094	0.20 MI SE OF FM 949	Austin	DRAW	1,129	29.861567	-96.315044
Roadway Bridge	FM 2429	1.15 MI S OF SH 36	Austin	BOGGY CREEK	2,407	29.909522	-96.250947
Roadway Bridge	FM 2429	2.05 MI S OF SH 36	Austin	MILL CREEK	2,768	29.8967	-96.254922
Roadway Bridge	FM 2754	0.35 MI NE OF FM 2502	Austin	LONG BRANCH CREEK	438	29.992139	-96.414522
Roadway Bridge	FM 2754	2.50 MI NE OF FM 2502	Austin	EAST MILL CREEK	438	30.013528	-96.389378
Roadway Bridge	FM 2187	1.60 MI W OF FM 1094	Austin	LITTLE BERNARD CREEK	2,189	29.784242	-96.210625
Roadway Bridge	FM 2187	5.40 MI W OF FM 1094	Austin	DRAW	672	29.796044	-96.268625
Roadway Bridge	FM 331	2.0 Mi NE of FM 529	Austin	Piney Creek	246	29.943361	-96.132167
Roadway Bridge	FM 3013	4.48 MI SW OF SH 36	Austin	EAST BERNARD CREEK	2,532	29.702053	-96.199558
Roadway Bridge	SVOBODA RD	1.60 MI E OF SH 60	Austin	ELM SLOUGH	40	29.609811	-96.065856
Roadway Bridge	STOCKOLD RD	0.35 MI NE OF SH 36	Austin	ALLENS CREEK	510	29.742933	-96.139458

Critical Facility Type	Crossing	Location	County	Notes: Features Crossed	Notes: Average Daily Traffic	Latitude	Longitude
Roadway Bridge	KLOPSTECK RD	0.40 MI W OF SH 36	Austin	DRAW	50	29.709469	-96.143967
Roadway Bridge	CHEW RD	0.40 MI NE OF FM 1458	Austin	DRAW	342	29.734508	-96.069283
Roadway Bridge	MIXVILLE RD	0.45 MI NE OF SH 36	Austin	ALLENS CREEK	110	29.704225	-96.129036
Roadway Bridge	MACHALA RD	0.70 MI SE OF SH 36	Austin	ALLENS CREEK	200	29.715583	-96.130892
Roadway Bridge	REXVILLE RD	1.46 MI SW OF FM 3538	Austin	EAST BERNARD CREEK	70	29.724664	-96.209442
Roadway Bridge	KULOW RD	0.85 MI W OF FM 2187	Austin	CROOKED BRANCH	110	29.781175	-96.267483
Roadway Bridge	PLUM CREEK RD	1.10 MI SW OF FM 1094	Austin	LITTLE BERNARD CREEK	80	29.827533	-96.270569
Roadway Bridge	TRACK ROAD	2.75 MI SE OF FM 949	Austin	LITTLE BERNARD CREEK	60	29.828842	-96.286075
Roadway Bridge	NEWBERG RD	0.90 MI W OF FM 949	Austin	PLUM CREEK	230	29.850564	-96.339614
Roadway Bridge	NEWBERG RD	2.25 MI W OF FM 949	Austin	PANTHER CREEK	220	29.851461	-96.362589
Roadway Bridge	MALER RD	0.8 MI NE OF SH 36	Austin	BULLINGER CREEK	70	29.799072	-96.150222
Roadway Bridge	TIEMANN RD	1.7 MI SW OF SKALAK RD	Austin	WEST MILL CREEK	60	29.9557	-96.427656
Roadway Bridge	BEEELER RD	0.4 MI E OF SKALAK RD	Austin	BLACK BRANCH	20	29.932861	-96.392028
Roadway Bridge	NEW BREMEN RD	0.5 MI SE OF SHUNKA RD	Austin	BLACK WALNUT CREEK	50	29.932314	-96.420417
Roadway Bridge	NEW BREMEN RD	5.8 MI NW OF FM 109	Austin	MECKELROY BRANCH	110	29.94715	-96.436
Roadway Bridge	SKULL CREEK RD	1.4 MI N OF FM 1457	Austin	SKULL CREEK	40	30.016986	-96.565344
Roadway Bridge	SCHOENAU RD	2.0 MI NE OF FM 1457	Austin	WEST FORK MILL CREEK	100	30.0113	-96.541906
Roadway Bridge	SCHOENAU RD	1.85 MI NE OF FM 1457	Austin	SKULL CREEK	100	30.009633	-96.542717
Roadway Bridge	KAMAS RD	.55 MI S OF N OILFIELD RD	Austin	WILLIAMS CREEK	100	30.070008	-96.478336
Roadway Bridge	INDUSTRY RD	1.4 MI NE OF MAIN ST	Austin	WEST MILL CREEK	180	29.983844	-96.465247
Roadway Bridge	BLEIBLERVILLE RD	3.05 MI NE OF FM 2502	Austin	EAST MILL CREEK	30	30.040208	-96.412644

Critical Facility Type	Crossing	Location	County	Notes: Features Crossed	Notes: Average Daily Traffic	Latitude	Longitude
Roadway Bridge	SOUTH ROCKY RD	1.25 MI NW OF FM 2754	Austin	ROCKY CREEK	60	30.039367	-96.384061
Roadway Bridge	TEGELER RD	1.7 MI NW OF FM 2754	Austin	DRAW	50	30.074047	-96.358353
Roadway Bridge	OLD NELSONVILLE RD	1.7 MI NE OF SHUPAK RD	Austin	EAST MILL CREEK	30	29.998528	-96.367361
Roadway Bridge	TRAVIS RD	0.4 MI NE OF OLD 36 RD	Austin	BUFFALO CREEK	90	30.030608	-96.334689
Roadway Bridge	TOTTENHAM RD	1.25 MI W OF FM 1371	Austin	DRAW	40	30.05035	-96.229933
Roadway Bridge	KIEMSTEADT RD	1.30 MI W OF NEUMANN RD	Austin	DRAW	10	30.065042	-96.307708
Roadway Bridge	KIEMSTEADT RD	2.70 MI W OF NEUMANN RD	Austin	DRAW	10	30.063589	-96.328619
Roadway Bridge	STECK BOTTOM RD	0.83 MI SE OF FM 331	Austin	WILLIAMS CREEK	50	29.883892	-96.13825
Roadway Bridge	COSHATTE RD	0.50 MI E OF SH 36	Austin	DRAW	1,010	29.931175	-96.243217
Roadway Bridge	LANGBERG RD	0.35 MI NW OF SH 159	Austin	IVES CREEK	70	29.996036	-96.200161
Roadway Bridge	IVES CREEK RD	1.05 MI E OF SH 159	Austin	IVES CREEK	30	29.993083	-96.182039
Roadway Bridge	LAKE RD	2.45 MI W OF FM 331	Austin	IVES CREEK	70	29.976803	-96.165122
Roadway Bridge	WIETSTRUCK RD	1.70 MI W OF SH 159	Austin	CLEAR CREEK	40	29.982936	-96.228044
Roadway Bridge	CENTER HILL RD	1.25 MI N OF FM 1456	Austin	CLEAR CREEK	80	29.99815	-96.260539
Roadway Bridge	CENTER HILL RD	1.00 MI N OF FM 1456	Austin	PINEY CREEK	1,050	29.972975	-96.257772
Roadway Bridge	WEST HACIENDA RD	1.2 MI W OF SH 36	Austin	BOGGY CREEK	810	29.939553	-96.269314
Roadway Bridge	EAST HACIENDA RD	0.65 MI W OF SH 36	Austin	DRAW	2,030	29.936683	-96.260394
Roadway Bridge	MILL CREEK RD	2.10 MI SW OF AUSTIN ST	Austin	MILL CREEK	200	29.929092	-96.294397
Roadway Bridge	MILL CREEK RD	2.40 MI N OF FM 949	Austin	PIN OAK CREEK	170	29.898528	-96.307575
Roadway Bridge	MILL CREEK RD	0.75 MI N OF FM 949	Austin	CAT SPRING CREEK	190	29.876094	-96.312314
Roadway Bridge	MILL CREEK RD	4.05 MI N OF FM 949	Austin	SANDY CREEK	230	29.921078	-96.301386

Critical Facility Type	Crossing	Location	County	Notes: Features Crossed	Notes: Average Daily Traffic	Latitude	Longitude
Roadway Bridge	TRENCKMANN RD	0.55 MI E OF FM 949	Austin	DEADMAN CREEK	130	29.857078	-96.201861
Roadway Bridge	REMMERT RD	0.9 MI SW OF PETERS-SANFL	Austin	BULLINGER CREEK	40	29.807844	-96.136339
Roadway Bridge	COSHATTE RD	0.21 MI W OF FM 331	Austin	DRAW	713	29.903233	-96.156558
Roadway Bridge	NELIUS RD	1.60 MI E OF SH 36	Austin	DRAW	160	29.901625	-96.203553
Roadway Bridge	KIESEWETTER RD	0.90 MI N OF FM 529	Austin	DRY CREEK	51	29.93935	-96.162586
Roadway Bridge	HOFF RD	0.55 MI N OF KOEHN RD	Austin	PINEY CREEK	20	29.951761	-96.1727
Roadway Bridge	WAAK RD	1.40 MI N OF FM 529	Austin	PINEY CREEK	100	29.957306	-96.18565
Roadway Bridge	E UECKERT RD	3.65 MI N OF KOEHN RD	Austin	IVES CREEK	48	29.987956	-96.175183
Roadway Bridge	OLD COLUMBUS RD	1.25 MI SW OF FM 2187	Austin	CROOKED BRANCH	150	29.769092	-96.259247
Roadway Bridge	OLD COLUMBUS RD	0.25 MI SW OF FM 2187	Austin	TRIB OF CROOKED BR	212	29.779675	-96.248025
Roadway Bridge	JONES-WILKE RD	0.75 MI W OF KRAMER RD	Austin	DRAW	10	30.070064	-96.264092
Roadway Bridge	SEMPRONIUS RD	3.05 MI E OF SH 36	Austin	CANEY CREEK TRIB	10	30.082772	-96.299861
Roadway Bridge	WOODLEY RD	0.25 MI W OF REESE RD	Austin	DRAW	10	30.095081	-96.292508
Roadway Bridge	NEUMANN RD	1.04 MI N OF LYNN RD	Austin	DRAW	48	30.065206	-96.2856
Roadway Bridge	GRUBBS RD	2.9 MI NE OF SH 36	Austin	MILL CREEK	104	29.860511	-96.139997
Roadway Bridge	MALER RD	2.2 MI NE OF SH 36	Austin	DRAW	50	29.813239	-96.144744
Roadway Bridge	TRAVIS RD	1.1 MI NE OF OLD 36 RD	Austin	DRAW	90	30.039478	-96.328808
Roadway Bridge	OLD HWY 36 RD	3.9 MI S OF FM 2754	Austin	BUFFALO CREEK	170	30.001036	-96.331442
Roadway Bridge	NEW WEHDEM RD	1.5 MI NW OF FM 2754	Austin	ROCKY CREEK	100	30.056414	-96.378722
Roadway Bridge	W UECKERT RD	2.85 MI N OF FM 2502	Austin	EAST MILL CREEK	40	30.028583	-96.404408
Roadway Bridge	W UECKERT RD	2.40 MI NE OF FM 2502	Austin	MILLSEAT BRANCH	40	30.022019	-96.404592

Critical Facility Type	Crossing	Location	County	Notes: Features Crossed	Notes: Average Daily Traffic	Latitude	Longitude
Roadway Bridge	GLAESER RD	1.20 MI E OF FM 2754	Austin	WARD BRANCH	70	30.010975	-96.371458
Roadway Bridge	PILCIK RD	0.45 MI SE OF FM 109	Austin	PECAN BRANCH	70	30.009267	-96.479297
Roadway Bridge	INDUSTRY RD	1.1 MI SW OF FM 2502	Austin	MILL BRANCH	180	29.996531	-96.457433
Roadway Bridge	SHUPAK RD	0.15 MI NE OF FM 2502	Austin	LONG BRANCH	100	29.980186	-96.405067
Roadway Bridge	CLENS RD	0.20 MI S OF SH 159	Austin	DRAW	30	29.953972	-96.289047
Roadway Bridge	ZETTER RD	1.0 MI W OF SCHOENAU RD	Austin	DOGWOOD CREEK	30	30.042156	-96.528972
Roadway Bridge	SCHOENAU RD	1.7 MI SW OF SHELBY RD	Austin	DOGWOOD CREEK	100	30.035967	-96.522439
Roadway Bridge	SHELBY RD	1.4 MI NE OF SKULL CRK RD	Austin	WEST FORK MILL CREEK	40	30.038722	-96.558786
Roadway Bridge	SHELBY RD	1.4 MI W OF FM 2502	Austin	SANDY CREEK	40	30.060778	-96.531881
Roadway Bridge	WOLFF RD	1.25 MI NE OF FM 389	Austin	DRAW	20	30.043844	-96.570925
Roadway Bridge	WAGNER RD	1.4 MI W OF FM 389	Austin	DRAW	50	30.05315	-96.606683
Roadway Bridge	FORDTRAN ROAD	0.03 MI NW OF MAREK RD	Austin	DRAW	60	29.981839	-96.531739
Roadway Bridge	MAREK RD	1.9 MI NE OF SH159	Austin	WEST FORK MILL CREEK	40	29.990214	-96.512717
Roadway Bridge	POST OAK POINT RD	0.6 MI SE OF SH 159	Austin	DRAW	30	29.97075	-96.57395
Roadway Bridge	MEITH RD	0.01 MI S OF RINN RD	Austin	POST OAK POINT CREEK	140	29.955028	-96.497842
Roadway Bridge	POST OAK POINT RD	2.6 MI NW OF FM109	Austin	POST OAK POINT CREEK	10	29.924906	-96.516606
Roadway Bridge	HENKHAUS RD	0.7 MI SW OF FM 109	Austin	DRAW	40	29.925633	-96.504653
Roadway Bridge	STAR HILL RD	2.8 MI NE OF FM 109	Austin	POST OAK POINT CREEK	100	29.956081	-96.462894
Roadway Bridge	NEW BREMEN RD	1.2 MI SE OF SHUNKA RD	Austin	DRY CREEK	80	29.925803	-96.410236
Roadway Bridge	NEW BREMEN RD	1.65 MI SE OF SH 159	Austin	POST OAK POINT CREEK	110	29.955761	-96.455161
Roadway Bridge	ZETTEL RD	1.3 MI SE OF SH 159	Austin	DRAW	20	29.966681	-96.420444

Critical Facility Type	Crossing	Location	County	Notes: Features Crossed	Notes: Average Daily Traffic	Latitude	Longitude
Roadway Bridge	SKALAK RD	5.0 MI N OF FM 1094	Austin	WEST MILL CREEK	90	29.944728	-96.396739
Roadway Bridge	BUECHMANN RD	0.1 MI E OF FM 109	Austin	SANDY CREEK	30	29.903472	-96.486047
Roadway Bridge	FRANTZ RD	2.05 MI SW OF NEWBERG RD	Austin	YELLOW CREEK	70	29.834761	-96.363258
Roadway Bridge	FRANTZ RD	1.0 MI S OF NEWBERG RD	Austin	SCHWEINER CREEK	70	29.840014	-96.350719
Roadway Bridge	BERNARD RD	0.5 MI SE OF FM 1094	Austin	DRAW	190	29.88535	-96.4779
Roadway Bridge	SHUNKA RD	2.3 MI NE OF FM 109	Austin	DRAW	90	29.924131	-96.456933
Roadway Bridge	SCHUMANN RD	0.15 MI SW OF SH 36	Austin	DRAW	10	29.922747	-96.245447
Roadway Bridge	OLD NELSONVILLE RD	0.8 MI SW OF OLD 36 RD	Austin	CAMPBELL BRANCH	110	30.010739	-96.353925
Roadway Bridge	STALBAUM RD	0.40 MI S OF SH 159	Austin	IVES CREEK	40	29.996769	-96.186953
Roadway Bridge	LAKE RD	0.7 MI W OF FM 331	Austin	DRAW	69	29.983722	-96.1545
Roadway Bridge	WIESE RD	0.95 MI E OF FM 1456	Austin	IVES CREEK	60	30.004136	-96.217994
Roadway Bridge	MEADOW BEND RD	0.15 MI W OF PINEY CRK RD	Austin	PINEY CREEK	70	30.025769	-96.298739
Roadway Bridge	RIPPLE LN	1.6 MI NE OF SH 109	Austin	SANDY CREEK	20	29.926461	-96.471439
Roadway Bridge	GRESHAM ST	0.2 MI W OF FM 1952	Austin	ELM SLOUGH	270	29.626969	-96.057556
Roadway Bridge	PETERS-SAN FELIPE	0.40 MI NW OF PEACH ST	Austin	BULLINGER CREEK	230	29.811511	-96.114692

Critical Facility Type	Name	Address	County	Notes	Notes: TCEQ Permit ID	Latitude	Longitude
Wastewater Outfall	BRAZOS ISD	--	Austin	End of pipe as indicated on paper map	WQ0011719001	29.618076	-96.024836
Wastewater Outfall	CITY OF INDUSTRY	--	Austin	End of pipe as indicated on paper map	WQ0013897001	29.980239	-96.51868
Wastewater Outfall	NEW ULM WSC	--	Austin	End of pipe as indicated on paper map	WQ0013655001	29.885291	-96.47761
Wastewater Outfall	CITY OF BELLVILLE	--	Austin	End of pipe as indicated on paper map	WQ0010385002	29.942079	-96.268616
Wastewater Outfall	ACME BRICK CO	--	Austin	End of pipe as indicated on paper map	WQ0013192001	29.834674	-96.126572
Wastewater Outfall	CITY OF SEALY	--	Austin	End of pipe as indicated on paper map	WQ0010276001	29.756954	-96.147915
Wastewater Outfall	VULCAN CONSTRUCTION MATERIALS LLC	--	Austin	End of pipe as indicated on paper map	WQ0004952000	29.675131	-96.028454
Wastewater Outfall	POSTIVE FEED LTD	--	Austin	End of pipe as indicated on paper map	WQ0002314000	29.800625	-96.158443
Wastewater Outfall	TEXAS PARKS & WILDLIFE DEPT	--	Austin	End of pipe as indicated on paper map	WQ0010896001	29.821668	-96.108609
Wastewater Outfall	AUSTIN COUNTY WSC	--	Austin	End of pipe as indicated on paper map	WQ0014423001	29.921479	-96.202231
Wastewater Outfall	KHAWAR & SONS INC	--	Austin	End of pipe as indicated on paper map	WQ0015996001	29.755678	-96.258018
Wastewater Outfall	HAILIANG COPPER TEXAS INC	--	Austin	End of pipe as indicated on paper map	WQ0002462000	29.759754	-96.21716
Wastewater Outfall	AGINUS HOLDINGS LLC AND BELLVILLE TUBE CO	--	Austin	End of pipe as indicated on paper map	WQ0003716000	29.898357	-96.2141
Wastewater Outfall	CITY OF WALLIS	--	Austin	End of pipe as indicated on paper map	WQ0010765001	29.636356	-96.075285
Wastewater Outfall	NGO INDUSTRIAL HOLDINGS LLC AND ACME BRICK CO	--	Austin	End of pipe as indicated on paper map	WQ0005268000	29.846029	-96.194366
Wastewater Outfall	MILL CREEK COMMUNITY LLC	--	Austin	End of pipe as indicated on paper map	WQ0015872001	29.895099	-96.1905

Critical Facility Type	Name	Address	County	Notes: Primary Water Source	Notes: Well Depth (ft)	Latitude	Longitude
Oil or Gas Well	Wittenben well 1	--	Austin		9151	30.064723	-96.451112
Oil or Gas Well	Max Bader Well 1	--	Austin		10600	30.039722	-96.138334
Oil or Gas Well	L.A. Machemehl well 1c	--	Austin		8005	30.019722	-96.096111
Oil or Gas Well	R.C. Barnes well 1	--	Austin		4739	30.064167	-96.473333
Oil or Gas Well	Shul well 1	--	Austin		10522	30.057223	-96.4725
Oil or Gas Well	F. Mikesta Well 1	--	Austin		11461	30.035834	-96.324167
Oil or Gas Well	J.C. Walton well 2-B	--	Austin		6274	30.008612	-96.144722
Oil or Gas Well	Oil Unit 13, well 1	--	Austin		6524	30.032222	-96.116944
Oil or Gas Well	R.E. Leigh well 1	--	Austin		9347	30.023055	-96.438056
Oil or Gas Well	Sherrod well 20	--	Austin		5800	30.001667	-96.108612
Oil or Gas Well	Polcak well 1	--	Austin		7504	30.015556	-96.529444
Oil or Gas Well	Zander well 1	--	Austin		11102	30.001945	-96.246945
Oil or Gas Well	Deutrich well 13	--	Austin		6800	30.001667	-96.137778
Oil or Gas Well	Machemehl	--	Austin		6200	30.006112	-96.106667
Oil or Gas Well	Emil Ueckert well 1	--	Austin		6730	30.010834	-96.155278
Oil or Gas Well	J.A. Walton well A-13	--	Austin		4220	30.001945	-96.125833
Oil or Gas Well	E.B. Wilson well 1	--	Austin		6445	30.025278	-96.141945
Oil or Gas Well	Bellville School Land well 12	--	Austin		6030	30.011389	-96.123889
Oil or Gas Well	Mile Knolle	--	Austin		1640	29.960834	-96.511945
Oil or Gas Well	Bartay well 1	--	Austin		3992	29.936667	-96.384445
Oil or Gas Well	Batla well 1	--	Austin	Unused	9000	29.881111	-96.325555
Oil or Gas Well	Paine well 22-Y	--	Austin		7005	29.990834	-96.106945
Oil or Gas Well	Kollatschny well 1	--	Austin		11027	29.829167	-96.288611
Oil or Gas Well	Allen Lesikar well 1	--	Austin		10017	29.899167	-96.439445
Oil or Gas Well	Joe Golovislay	--	Austin		3220	29.9975	-96.136389
Oil or Gas Well	Foerster well 1	--	Austin		3814	29.901945	-96.482778
Oil or Gas Well	Mikeska well 1	--	Austin		10505	29.973055	-96.353056
Oil or Gas Well	W. Schneider well 1	--	Austin	Unused	11062	29.8925	-96.270555
Oil or Gas Well	W.A. Schweke well 1	--	Austin		10013	29.868055	-96.453889
Oil or Gas Well	J.K. Hillboldt well 1	--	Austin		10850	29.743889	-96.1925
Oil or Gas Well	Charlie Kaechele	--	Austin		12000	29.6775	-96.212778
Oil or Gas Well	Charles Moek well 1	--	Austin		2700	29.6925	-96.202501

Critical Facility Type	Name	Address	County	Notes: Primary Water Source	Notes: Well Depth (ft)	Latitude	Longitude
Oil or Gas Well	Charles Kaechele	--	Austin		9000	29.666112	-96.185278
Oil or Gas Well	Huber well 1	--	Austin		10665	29.911945	-96.283889
Oil or Gas Well	P. A. Clinton well 1	--	Austin		4864	29.97	-96.181667
Oil or Gas Well	Austin College well 14	--	Austin		4262	29.986111	-96.118333
Oil or Gas Well	Meyer Estate well 1	--	Austin		4134	29.826111	-96.163334
Oil or Gas Well	Lillie Balkey well 1	--	Austin		7958	29.799722	-96.089445
Oil or Gas Well	Felix Sowa well 1	--	Austin		9980	29.756112	-96.060278
Oil or Gas Well	Schiller well 1	--	Austin		2699	29.900556	-96.419444
Oil or Gas Well	Amelia Wangler well 1	--	Austin		10600	29.886389	-96.436389
Oil or Gas Well	J.W. Ueckert well 1	--	Austin		10753	29.959723	-96.130555
Oil or Gas Well	A. Grawunder well C-9	--	Austin		2405	29.994445	-96.135
Oil or Gas Well	Austin College well 3	--	Austin		6503	29.970278	-96.112223
Oil or Gas Well	Herring well 1	--	Austin		0	29.838611	-96.303334
Oil or Gas Well	F. Uhyrek well 1	--	Austin		13019	29.638334	-96.120555
Oil or Gas Well	C.S. Hillboldt well 1	--	Austin		7102	29.660556	-96.206389
Oil or Gas Well	Marik well 1	--	Austin		10754	29.8825	-96.423611
Oil or Gas Well	Lesikar Estate well 2	--	Austin		10600	29.893334	-96.446111
Oil or Gas Well	Austin College well 1	--	Austin		9503	29.969444	-96.138056
Oil or Gas Well	Paulus Estate well 1	--	Austin		5851	29.960278	-96.144445
Oil or Gas Well	Hintz Unit well 2	--	Austin		10653	29.762778	-96.214723
Oil or Gas Well	Kulow-Biefeld unit well 1	--	Austin		10225	29.779444	-96.225
Oil or Gas Well	Huebner well 1	--	Austin		4012	29.932778	-96.409445
Oil or Gas Well	Minnie Brown well 2	--	Austin		0	29.964167	-96.105834
Oil or Gas Well	Ida Bielefeld well 1	--	Austin		6415	29.788611	-96.2225
Oil or Gas Well	D.C. Hillboldt well 1	--	Austin		10884	29.761112	-96.201667
Potable Water Well	Cat Springs	--	Austin		0	29.858612	-96.341945
Potable Water Well	USGS	--	Austin	Unused	72	29.914167	-96.128611
Potable Water Well	USGS	--	Austin	Unused	77	29.913056	-96.121944
Potable Water Well	Unknown	--	Austin	Unused	44	30.051945	-96.555001
Potable Water Well	Frank Bednar	--	Austin	Stock	94	30.058612	-96.563334
Potable Water Well	Joe Pomykal, Sr	--	Austin	Stock	420	30.064167	-96.486389
Potable Water Well	J.Mikeska	--	Austin	Domestic	173	30.012501	-96.413056

Critical Facility Type	Name	Address	County	Notes: Primary Water Source	Notes: Well Depth (ft)	Latitude	Longitude
Potable Water Well	Burgess Goeke	--	Austin	Domestic	40	30.033611	-96.375833
Potable Water Well	E.B. Tieman	--	Austin	Domestic	118	30.053612	-96.268333
Potable Water Well	Dan Pulski	--	Austin	Domestic	313	30.012223	-96.360278
Potable Water Well	Daytop Village Well #3	--	Austin	Unused	467	30.066944	-96.223333
Potable Water Well	L.D. Reese	--	Austin	Domestic	42	30.035	-96.158612
Potable Water Well	Premium Growers,Inc.	--	Austin	Irrigation	140	30.033055	-96.122778
Potable Water Well	Leroy Winkelmann	--	Austin	Domestic	62	30.021944	-96.379722
Potable Water Well	Mrs. Leona Luhn	--	Austin	Domestic	132	30.048056	-96.324167
Potable Water Well	Daytop Village Well #1	--	Austin	Unused	273	30.066667	-96.223333
Potable Water Well	Madeline Schmid	--	Austin	Domestic	112	30.020555	-96.597222
Potable Water Well	C.S. Faist	--	Austin	Domestic	189	30.024444	-96.485556
Potable Water Well	J.P. Houstoun, Jr	--	Austin	Domestic	24	30.043611	-96.610834
Potable Water Well	John Pomykal	--	Austin	Domestic	386	30.065278	-96.4825
Potable Water Well	S.W. Applewhite	--	Austin	Domestic	168	30.059723	-96.398056
Potable Water Well	Otto Huebner	--	Austin	Domestic	98	30.028333	-96.4725
Potable Water Well	Eddi Broz	--	Austin	Domestic	67	30.005834	-96.445556
Potable Water Well	Thomas Froebel	--	Austin	Domestic	90	30.014445	-96.178333
Potable Water Well	John Spreen	--	Austin	Domestic	84	30.028611	-96.380555
Potable Water Well	Nolan Wickel	--	Austin	Domestic	190	30.033055	-96.378611
Potable Water Well	Charles Laine	--	Austin	Domestic	236	30.036945	-96.361945
Potable Water Well	Dan Pulski	--	Austin	Stock	177	30.005001	-96.366944
Potable Water Well	Daytop Village Well #2	--	Austin	Unused	291	30.066112	-96.227222
Potable Water Well	J.J. Elick	--	Austin	Irrigation	69	30.010834	-96.163334
Potable Water Well	Humble Oil & Ref.	--	Austin	Industrial	465	30.004445	-96.133055
Potable Water Well	West End WSC	--	Austin	Public Supply	530	30.0242	-96.596508
Potable Water Well	C.S. Faist	--	Austin	Unused	52	30.023333	-96.484445
Potable Water Well	O.Schomburt	--	Austin	Domestic	140	30.035	-96.213889
Potable Water Well	Ronald Woodley	--	Austin	Stock	102	30.013056	-96.109723
Potable Water Well	C. Faift	--	Austin	Domestic	24	30.027778	-96.486667
Potable Water Well	R. Warmke	--	Austin	Domestic	55	30.010001	-96.449445
Potable Water Well	A.J. LeBlanc	--	Austin	Domestic	156	30.074722	-96.339445
Potable Water Well	A.J. Le Blanc	--	Austin	Unused	28	30.073889	-96.340834

Critical Facility Type	Name	Address	County	Notes: Primary Water Source	Notes: Well Depth (ft)	Latitude	Longitude
Potable Water Well	Herman Nehrkorn	--	Austin	Domestic	80	30.023889	-96.383055
Potable Water Well	Fritz Haar	--	Austin	Domestic	34	30.086945	-96.335278
Potable Water Well	Austin County WSC	--	Austin	Public Supply	946	30.0375	-96.203333
Potable Water Well	Frank Bednar	--	Austin	Domestic	57	30.055001	-96.557501
Potable Water Well	M.H. Dierking	--	Austin	Domestic	180	30.056389	-96.435278
Potable Water Well	W.J. Knobdosdorff	--	Austin	Domestic	103	30.020278	-96.565556
Potable Water Well	Austin County WSC	--	Austin	Public Supply	595	30.0575	-96.338333
Potable Water Well	W.M. Wright Well #1	--	Austin	Irrigation	900	30.066944	-96.297778
Potable Water Well	Humble Oil & Ref.	--	Austin	Public Supply	1228	30.015556	-96.126111
Potable Water Well	V. Bliznak	--	Austin	Domestic	22	30.059167	-96.527778
Potable Water Well	J.R. McLure	--	Austin	Domestic	448	30.056112	-96.551389
Potable Water Well	W. Weinert	--	Austin	Stock	183	30.033055	-96.560834
Potable Water Well	S.W. Applewhite	--	Austin	Irrigation	330	30.053334	-96.407501
Potable Water Well	R.E. Leigh, Jr	--	Austin	Irrigation	725	30.021389	-96.440278
Potable Water Well	Austin County WSC	--	Austin	Public Supply	635	30.054853	-96.33625
Potable Water Well	Reinhard Winkelmann	--	Austin	Domestic	150	30.030555	-96.381389
Potable Water Well	Harte	--	Austin	Stock	300	30.074722	-96.263889
Potable Water Well	J.J. Elick	--	Austin	Irrigation	75	30.014167	-96.159445
Potable Water Well	W. Schimara	--	Austin	Domestic	72	29.976389	-96.445556
Potable Water Well	E. Janesky	--	Austin	Domestic	62	29.983055	-96.410001
Potable Water Well	Katy Miller	--	Austin	Domestic	160	29.954445	-96.406667
Potable Water Well	Sun Oil Co. George Mikeska	--	Austin	Unused	217	29.974167	-96.354167
Potable Water Well	Jerry Mikeska James Legan	--	Austin	Domestic	59	29.9775	-96.351389
Potable Water Well	Edwin Ueckert	--	Austin	Stock	138	29.961112	-96.319722
Potable Water Well	James Villa	--	Austin	Domestic	132	29.9675	-96.2925
Potable Water Well	C.E. Goth	--	Austin	Domestic	158	29.971111	-96.285556
Potable Water Well	Henry Pachal	--	Austin	Domestic	60	29.950278	-96.277222
Potable Water Well	Jesse Corlay	--	Austin	Unused	26	29.952778	-96.283055
Potable Water Well	City of Bellville Well #6	--	Austin	Unused	846	29.950834	-96.262501
Potable Water Well	Coushate Campground Well #2	--	Austin	Plugged or Destroyed	325	29.891389	-96.188056
Potable Water Well	C.W. Schroeder	--	Austin	Domestic	36	29.852501	-96.167778
Potable Water Well	Unknown	--	Austin	Stock	0	29.870278	-96.154167

Critical Facility Type	Name	Address	County	Notes: Primary Water Source	Notes: Well Depth (ft)	Latitude	Longitude
Potable Water Well	City of Sealy	--	Austin	Public Supply	462	29.776944	-96.151111
Potable Water Well	Bruce Brandes	--	Austin	Unused	56	29.862778	-96.115834
Potable Water Well	Ralph Bollinger	--	Austin	Irrigation	1326	29.738056	-96.187778
Potable Water Well	Ralph Bollinger	--	Austin	Irrigation	620	29.720278	-96.176111
Potable Water Well	Hawley Ray	--	Austin	Domestic	119	29.949722	-96.534444
Potable Water Well	New Ulm WSC	--	Austin	Plugged or Destroyed	355	29.893611	-96.492778
Potable Water Well	New Ulm WSC	--	Austin	Public Supply	371	29.893714	-96.492861
Potable Water Well	A.Blezinger	--	Austin	Domestic	80	29.898334	-96.409445
Potable Water Well	Menthe Obey	--	Austin	Domestic	50	29.954167	-96.299167
Potable Water Well	Eallen Hill	--	Austin	Unused	0	29.954723	-96.293056
Potable Water Well	City of Bellville Well #4	--	Austin	Public Supply	740	29.950556	-96.259723
Potable Water Well	R.V. Whiteside	--	Austin	Domestic	112	29.94	-96.277222
Potable Water Well	H. Waak	--	Austin	Irrigation	69	29.974722	-96.131944
Potable Water Well	A.E. Mewis	--	Austin	Domestic	28	29.9425	-96.202778
Potable Water Well	Waak	--	Austin	Irrigation	200	29.940834	-96.150556
Potable Water Well	E. Loehrer	--	Austin	Industrial	120	29.890834	-96.485834
Potable Water Well	Mattie Freida	--	Austin	Plugged or Destroyed	92	29.976944	-96.345
Potable Water Well	Bellville Feed Co.	--	Austin	Unused	247	29.955278	-96.295556
Potable Water Well	Calvin Hill	--	Austin	Domestic	46	29.954445	-96.299167
Potable Water Well	R.V. Whiteside	--	Austin	Stock	222	29.930555	-96.291111
Potable Water Well	City of Bellville Well #3	--	Austin	Plugged or Destroyed	754	29.950278	-96.258334
Potable Water Well	V. Graf	--	Austin	Domestic	90	29.982222	-96.210556
Potable Water Well	A. Brandt	--	Austin	Stock	158	29.925278	-96.155001
Potable Water Well	John Coffee	--	Austin	Irrigation	452	29.814445	-96.302778
Potable Water Well	J.K. Hillboldt	--	Austin	Stock	150	29.826667	-96.224722
Potable Water Well	Hillside Estates Water System (Well #2)	--	Austin	Public Supply	170	29.796111	-96.2375
Potable Water Well	City of Sealy	--	Austin	Public Supply	600	29.783611	-96.166111
Potable Water Well	City of Sealy (#4)	--	Austin	Unused	411	29.780833	-96.155278
Potable Water Well	Steve Sliva	--	Austin	Domestic	78	29.771944	-96.073055
Potable Water Well	Johnny Wells	--	Austin	Domestic	257	29.771667	-96.069444
Potable Water Well	Ferris Estate	--	Austin	Unused	232	29.728055	-96.251112
Potable Water Well	Meadowview Estates Water System (#3)	--	Austin	Public Supply	435	29.720555	-96.156112

Critical Facility Type	Name	Address	County	Notes: Primary Water Source	Notes: Well Depth (ft)	Latitude	Longitude
Potable Water Well	Charlie Kaechele	--	Austin	Irrigation	890	29.694167	-96.238889
Potable Water Well	J.F. Johnson	--	Austin	Irrigation	556	29.663056	-96.148889
Potable Water Well	Unknown	--	Austin	Unused	0	29.697222	-96.057501
Potable Water Well	Ignac Pustka	--	Austin	Domestic	55	29.695556	-96.045556
Potable Water Well	SK Mobile Home Park	--	Austin	Public Supply	170	29.636667	-96.110001
Potable Water Well	Joe Blazek	--	Austin	Domestic	96	29.6425	-96.051667
Potable Water Well	H. Waak	--	Austin	Irrigation	65	29.955834	-96.123055
Potable Water Well	E.Witte	--	Austin	Unused	75	29.848889	-96.344722
Potable Water Well	M. Swearingen	--	Austin	Domestic	150	29.855834	-96.270833
Potable Water Well	Lakeside Estates Water System	--	Austin	Public Supply	170	29.795278	-96.229167
Potable Water Well	W. Pechance	--	Austin	Domestic	75	29.806667	-96.161112
Potable Water Well	Settlers Meadows Water System (Well #1)	--	Austin	Public Supply	195	29.77	-96.215278
Potable Water Well	W.A. Virnau	--	Austin	Irrigation	350	29.751389	-96.190834
Potable Water Well	Brazos Country Subd. Well #1	--	Austin	Public Supply	327	29.749194	-96.042972
Potable Water Well	Green Meadows WSC	--	Austin	Public Supply	360	29.7675	-96.040556
Potable Water Well	E. Ludwid	--	Austin	Stock	70	29.745834	-96.260834
Potable Water Well	Gene Beckendorf	--	Austin	Irrigation	401	29.704445	-96.257501
Potable Water Well	J.F. Johnson	--	Austin	Plugged or Destroyed	556	29.655556	-96.146667
Potable Water Well	Houston Lighting & Power Company	--	Austin	Unused	95	29.665556	-96.108889
Potable Water Well	Mr. H. Prazak	--	Austin	De-watering	88	29.644445	-96.091667
Potable Water Well	Dixonville Subdivision Well #2	--	Austin	Unused	137	29.653334	-96.106389
Potable Water Well	David Behrend	--	Austin	Domestic	328	29.903889	-96.502778
Potable Water Well	M. Wittner	--	Austin	Domestic	91	29.973611	-96.499722
Potable Water Well	R. Peschal	--	Austin	Domestic	126	29.8925	-96.486667
Potable Water Well	P.E. Reboeneman	--	Austin	Domestic	240	29.896111	-96.490834
Potable Water Well	J. Krenek	--	Austin	Domestic	110	29.963612	-96.351112
Potable Water Well	John Holda	--	Austin	Domestic	121	29.967778	-96.359723
Potable Water Well	C. E. Goth	--	Austin	Unused	142	29.973333	-96.287778
Potable Water Well	Bertie Williams	--	Austin	Domestic	27	29.954445	-96.299445
Potable Water Well	R.V. Whiteside	--	Austin	Irrigation	108	29.931667	-96.289722
Potable Water Well	City of Bellville Well #11	--	Austin	Public Supply	1411	29.95	-96.258889
Potable Water Well	Johnson	--	Austin	Irrigation	82	29.892778	-96.209167

Critical Facility Type	Name	Address	County	Notes: Primary Water Source	Notes: Well Depth (ft)	Latitude	Longitude
Potable Water Well	TPWD Stephen F. Austin SHP	--	Austin	Public Supply	165	29.816389	-96.111667
Potable Water Well	Unknown	--	Austin	Stock	0	29.788056	-96.076111
Potable Water Well	Frank Kucera	--	Austin	Domestic	50	29.773055	-96.081111
Potable Water Well	A.H. Robichaux	--	Austin	Irrigation	409	29.8675	-96.124444
Potable Water Well	Houston Lighting & Power	--	Austin	Domestic	100	29.710556	-96.085834
Potable Water Well	F. Ward	--	Austin	Unused	40	29.730555	-96.043889
Potable Water Well	Mrs. Bill Habermacher	--	Austin	Domestic	70	29.723333	-96.061112
Potable Water Well	Kolodziejczyk	--	Austin	Irrigation	20	29.686111	-96.109167
Potable Water Well	Virgil Gordon	--	Austin	Irrigation	108	29.706112	-96.044722
Potable Water Well	Victor Drymalla	--	Austin	Domestic	235	29.660834	-96.049445
Potable Water Well	Spring	--	Austin	Unused	28	29.648334	-96.025278
Potable Water Well	W.S. Kilroy	--	Austin	Irrigation	618	29.613889	-96.086945
Potable Water Well	Fred Adams	--	Austin	Domestic	130	29.938611	-96.133055
Potable Water Well	Coushatte Campground Well #1	--	Austin	Public Supply	325	29.892778	-96.1875
Potable Water Well	Vogt	--	Austin	Irrigation	190	29.8275	-96.310556
Potable Water Well	Carl Slolarski	--	Austin	Domestic	90	29.8375	-96.137222
Potable Water Well	Hillside Estates Water System (Well #1)	--	Austin	Unused	0	29.795834	-96.238611
Potable Water Well	Settlers Estate Section II (Well #2)	--	Austin	Public Supply	200	29.779167	-96.200556
Potable Water Well	Frank Lezak	--	Austin	Domestic	86	29.771944	-96.072222
Potable Water Well	Vick Boyd	--	Austin	Domestic	300	29.773889	-96.066944
Potable Water Well	W.A. Ferris Estate	--	Austin	Irrigation	752	29.727778	-96.251112
Potable Water Well	Henry Reznick	--	Austin	Domestic	120	29.745	-96.153056
Potable Water Well	Mr. Vierneau	--	Austin	Irrigation	824	29.706111	-96.228611
Potable Water Well	H. Billig	--	Austin	Irrigation	210	29.711389	-96.107501
Potable Water Well	Mrs. J. M. Orsak	--	Austin	Domestic	85	29.719722	-96.108334
Potable Water Well	Unknown	--	Austin	Stock	0	29.689722	-96.060556
Potable Water Well	City of Wallis	--	Austin	Public Supply	610	29.629225	-96.061969
Potable Water Well	Alvin Marek	--	Austin	Domestic	100	29.646111	-96.061667
Potable Water Well	E.H. Glaser	--	Austin	Domestic	80	29.910834	-96.532222
Potable Water Well	A.J. Flentge	--	Austin	Domestic	88	29.976667	-96.402223
Potable Water Well	W. A. McHattie	--	Austin	Domestic	135	29.931389	-96.386667
Potable Water Well	A. Blezinger	--	Austin	Domestic	160	29.898334	-96.419167

Critical Facility Type	Name	Address	County	Notes: Primary Water Source	Notes: Well Depth (ft)	Latitude	Longitude
Potable Water Well	George Mikeska	--	Austin	Unused	33	29.976389	-96.345
Potable Water Well	Tray Moses	--	Austin	Domestic	338	29.978611	-96.300834
Potable Water Well	Walter Brast	--	Austin	Domestic	50	29.951112	-96.310834
Potable Water Well	City of Bellville Well #1	--	Austin	Plugged or Destroyed	786	29.950278	-96.258334
Potable Water Well	Cecil Kruger	--	Austin	Domestic	136	29.956389	-96.281667
Potable Water Well	J.K. Hancock	--	Austin	Unused	0	29.877222	-96.342222
Potable Water Well	James Waak	--	Austin	Unused	53	29.961945	-96.128611
Potable Water Well	Austin County WSC	--	Austin	Public Supply	695	29.921794	-96.201656
Potable Water Well	Coushatta Campground Well #3	--	Austin	Public Supply	325	29.891389	-96.188056
Potable Water Well	Yellow Creek Ranch	--	Austin	Domestic	180	29.831111	-96.391389
Potable Water Well	C.W. Schroeder	--	Austin	Domestic	120	29.855001	-96.168611
Potable Water Well	Sealy Truck Stop Well #1	--	Austin	Public Supply	170	29.760278	-96.222778
Potable Water Well	City of Sealy (#6)	--	Austin	Public Supply	482	29.784445	-96.162778
Potable Water Well	W.A. McHattie	--	Austin	Stock	134	29.938334	-96.434722
Potable Water Well	W.A.McHattie	--	Austin	Domestic	240	29.936667	-96.4325
Potable Water Well	Jerry Mikeska	--	Austin	Domestic	115	29.972222	-96.351667
Potable Water Well	J. H. Freida	--	Austin	Domestic	195	29.976667	-96.344445
Potable Water Well	Bellville Feed Co.	--	Austin	Stock	244	29.956389	-96.290834
Potable Water Well	Ora Armstrong	--	Austin	Domestic	67	29.957778	-96.306667
Potable Water Well	City of Bellville	--	Austin	Unused	850	29.947222	-96.262778
Potable Water Well	Ray T. Paine	--	Austin	Domestic	210	29.992778	-96.115001
Potable Water Well	Yellow Creek Ranch	--	Austin	Domestic	400	29.832222	-96.395556
Potable Water Well	E. Michaelis	--	Austin	Domestic	113	29.844167	-96.327778
Potable Water Well	E.J. Bubak	--	Austin	Domestic	200	29.754445	-96.262223
Potable Water Well	Max Hopper	--	Austin	Domestic	164	29.860556	-96.213334
Potable Water Well	Taqueria Mexicana	--	Austin	Public Supply	0	29.807501	-96.161667
Potable Water Well	Shell Oil	--	Austin	Industrial	0	29.761945	-96.212778
Potable Water Well	Stephen F. Austin Golf Association	--	Austin	Public Supply	102	29.806667	-96.096389
Potable Water Well	Edgar Frank	--	Austin	Domestic	142	29.786667	-96.103334
Potable Water Well	Ronnie Ross	--	Austin	Domestic	98	29.774722	-96.094167
Potable Water Well	W.A. Virnau	--	Austin	Irrigation	941	29.743056	-96.185278
Potable Water Well	Meadowview Estates Water System (#2)	--	Austin	Plugged or Destroyed	160	29.692778	-96.170278

Critical Facility Type	Name	Address	County	Notes: Primary Water Source	Notes: Well Depth (ft)	Latitude	Longitude
Potable Water Well	Charles Tomlinson	--	Austin	Stock	143	29.693056	-96.147778
Potable Water Well	Gene Beckendorf	--	Austin	Irrigation	1255	29.705834	-96.258889
Potable Water Well	Ralph Bollinger	--	Austin	Unused	400	29.724444	-96.175278
Potable Water Well	Meadowview Estates Water System (#1)	--	Austin	Public Supply	160	29.696111	-96.18
Potable Water Well	Lumir Vacha	--	Austin	Domestic	180	29.745834	-96.101389
Potable Water Well	York	--	Austin	Irrigation	200	29.685278	-96.0825
Potable Water Well	Houston Lighting & Power Company	--	Austin	De-watering	90	29.655556	-96.102778
Potable Water Well	H. Wittneben	--	Austin	Domestic	112	29.9475	-96.472778
Potable Water Well	H. Wittneben	--	Austin	Unused	50	29.948611	-96.472222
Potable Water Well	Jerry Mikeska	--	Austin	Stock	90	29.977778	-96.351112
Potable Water Well	Fay Shultz	--	Austin	Domestic	133	29.986111	-96.297778
Potable Water Well	William C. Hillbolt	--	Austin	Unused	12	29.946389	-96.296111
Potable Water Well	Bellville Feed Co.	--	Austin	Stock	150	29.958056	-96.293334
Potable Water Well	City of Bellville Well #8	--	Austin	Plugged or Destroyed	537	29.943611	-96.266112
Potable Water Well	Santa Fe Railroad	--	Austin	Unused	750	29.930833	-96.245834
Potable Water Well	West End WSC	--	Austin	Public Supply	955	29.969981	-96.508747
Potable Water Well	Eldon Soresby	--	Austin	Unused	390	29.881944	-96.436667
Potable Water Well	E. Kruege	--	Austin	Industrial	185	29.923611	-96.513334
Potable Water Well	Unknown	--	Austin	Unused	600	29.901667	-96.422778
Potable Water Well	City of Bellville Well #10	--	Austin	Public Supply	1358	29.943334	-96.266389
Potable Water Well	Rinn	--	Austin	Domestic	201	29.976389	-96.499722
Potable Water Well	C. Himly	--	Austin	Domestic	91	29.866389	-96.319167
Potable Water Well	Cat Spring Post Office Otto Reicher	--	Austin	Domestic	118	29.846944	-96.326667
Potable Water Well	A. Konesheck	--	Austin	Domestic	74	29.775	-96.292778
Potable Water Well	C.A. Mervis	--	Austin	Unused	65	29.869444	-96.124167
Potable Water Well	V.L. Boyd	--	Austin	Unused	100	29.772778	-96.061112
Potable Water Well	W.A. Ferris	--	Austin	Irrigation	622	29.728055	-96.246667
Potable Water Well	Ferris	--	Austin	Irrigation	598	29.718333	-96.227778
Potable Water Well	Alois Sodolak	--	Austin	Stock	120	29.708056	-96.1575
Potable Water Well	H. Billig	--	Austin	Irrigation	65	29.704723	-96.103334
Potable Water Well	R. Sarbsula	--	Austin	Domestic	85	29.650278	-96.103056
Potable Water Well	Milton Raeke	--	Austin	Domestic	90	29.968333	-96.550833

Critical Facility Type	Name	Address	County	Notes: Primary Water Source	Notes: Well Depth (ft)	Latitude	Longitude
Potable Water Well	A.C. Bering	--	Austin	Stock	80	29.9225	-96.535
Potable Water Well	City of Bellville Well #9 Helmuth St.	--	Austin	Public Supply	1420	29.9475	-96.254723
Potable Water Well	Glenn Kaase	--	Austin	Domestic	145	29.972606	-96.375261
Potable Water Well	New Ulm WSC	--	Austin	Public Supply	372	29.893611	-96.492778
Potable Water Well	GeorgeMikaesta	--	Austin	Domestic	220	29.976389	-96.345278
Potable Water Well	George Mikeska	--	Austin	Stock	143	29.980278	-96.3475
Potable Water Well	Bellville Feed Co.	--	Austin	Stock	262	29.958056	-96.293056
Potable Water Well	E. Hilliard	--	Austin	Domestic	16	29.954723	-96.291667
Potable Water Well	Roy Bierschwale Henry Pachal	--	Austin	Domestic	100	29.948334	-96.278889
Potable Water Well	John Platt	--	Austin	Domestic	188	29.880556	-96.330556
Potable Water Well	Unknown	--	Austin	Irrigation	360	29.969722	-96.14
Potable Water Well	Santa Fe Railroad	--	Austin	Unused	747	29.932222	-96.2475
Potable Water Well	Austin County WSC	--	Austin	Public Supply	834	29.866608	-96.347369
Potable Water Well	Charles Ulrich	--	Austin	Irrigation	118	29.873611	-96.264445
Potable Water Well	Frank Tip	--	Austin	Domestic	136	29.794167	-96.263612
Potable Water Well	Boy Scouts of America Eugene Hintz	--	Austin	Public Supply	142	29.852778	-96.206945
Potable Water Well	Sens	--	Austin	Domestic	60	29.806389	-96.198611
Potable Water Well	City of Sealy Well #8	--	Austin	Public Supply	716	29.766389	-96.137222
Potable Water Well	Unknown	--	Austin	Unused	46	29.773611	-96.046667
Potable Water Well	Rendrag, Inc.	--	Austin	Industrial	248	29.774444	-96.072778
Potable Water Well	Brazos Country Subd. Well #2	--	Austin	Public Supply	327	29.749028	-96.043194
Potable Water Well	Sammy Cass	--	Austin	Domestic	116	29.747222	-96.194445
Potable Water Well	A.L. Carter	--	Austin	Irrigation	138	29.686389	-96.170278
Potable Water Well	Charles Kaechele	--	Austin	Irrigation	822	29.665834	-96.187222
Potable Water Well	Joe Siska	--	Austin	Domestic	70	29.721389	-96.068055
Potable Water Well	Houston Lighting & Power	--	Austin	Stock	88	29.68	-96.114167
Potable Water Well	Dixonville Subdivision Well #1	--	Austin	Unused	131	29.651945	-96.108056
Potable Water Well	City of Wallis Well #2	--	Austin	Public Supply	725	29.638333	-96.063333
Potable Water Well	V. L. Boyd	--	Austin	Domestic	300	29.776389	-96.059445
Potable Water Well	City of Sealy (#3)	--	Austin	Unused	304	29.784167	-96.162778
Potable Water Well	H. Billig	--	Austin	Irrigation	210	29.709444	-96.084444
Potable Water Well	City of San Felipe	--	Austin	Domestic	166	29.798889	-96.096667

Critical Facility Type	Name	Address	County	Notes: Primary Water Source	Notes: Well Depth (ft)	Latitude	Longitude
Potable Water Well	City of Bellville Well #5	--	Austin	Plugged or Destroyed	900	29.948889	-96.273889
Potable Water Well	City of Bellville Well #2	--	Austin	Plugged or Destroyed	1742	29.950278	-96.258334
Potable Water Well	Unknown	--	Austin	Domestic	0	29.699167	-96.022778

Appendix D

MEETING DOCUMENTATION



Houston-Galveston
Area Council

Austin County Multi-Jurisdictional Hazard Mitigation Plan Update, Kickoff Meeting 3/22/2023 NOTES

A G E N D A

12:45 PM **Registration & Sign-in**

1:00 PM **Welcome & Introductions**

1:10 PM **Overview of Hazard Mitigation Plans & Procedures**

H-GAC staff will provide an overview of hazard mitigation plans, benefits, meeting objectives, activities, H-GAC's planning process, roles & responsibilities, and project timelines.

Hazard Mitigation Committee Management

1:30 PM **Next Steps**

1:45 PM **Hazard Identification & Risk Assessment Exercise**

3:00 PM **Adjourn**



Austin County Multi-Jurisdictional Hazard Mitigation Plan Update, Kickoff Meeting 3/22/2023 NOTES

ATTENDANCE

Name	Title	Organization
Roy Mercer	Austin County OEM	EMC
Chip Reed	Austin County	County Commissioner
Shannon Hanath	Austin County	Precincts Administrative Assistant
Erin Livingston	H-GAC	Principle Planner
Amanda Ashcroft	H-GAC	Planner
Wendy Almanzan	H-GAC	Program Coordinator
Kimbra Hill	City of Sealy	City Manager
Josh Brothers	City of Sealy	Planner
Jason Smalley	City of Bellville	Police Chief / EMC
Clay Engelbrecht	City of Wallis	Fire Chief
Maya Mable Meyers	City of Industry	Mayor

MEETING NOTES

Welcome and Introductions

Roy Mercer welcomed participants and explained the reasons behind hazard mitigation planning as well as some of the benefits of mitigation. The hazard mitigation planning committee members introduced their name, title, the organization they represented, and how a hazard has affected them.

Overview of Hazard Mitigation Plans & Procedures

Amanda Ashcroft reviewed the meeting agenda. Amanda went over meeting goals and objectives- to explain hazard mitigation, review the benefits of developing a hazard mitigation plan, provide an overview of the planning process, and to inform the committee about their role in the planning process. The plan is funded by a GLO grant through H-GAC. Amanda explained that despite there being no match requirement for this instance of funding, there will be various methods of documentation you see throughout the planning process that exist solely to calculate match for any future needs.

Amanda explained what hazard mitigation planning is, the benefits of mitigating for hazards, and the history behind the Stafford Act and Disaster Mitigation Act of 2000. This act requires communities to have a mitigation plan to be eligible for mitigation grants, plans must be updated every 5-years. FEMA has a plan review guide that outlines the requirements for what must be in the plan or addressed by the plan, these were updated in 2022 and take full effect for all plans approved after April 2023. Updated policies and any changes to the plan template were summarized to the committee.

Roles and responsibilities of the Hazard Mitigation Planning Committee were outlined. A commitment letter of jurisdictional participation was discussed as a committee to be signed and returned by a point of contact for each participating jurisdiction. Roles and responsibilities agreed to in the letter of commitment included items outlined in the presentation, as well as grounds for dismissal due to non-participation. These included:



Austin County Multi-Jurisdictional Hazard Mitigation Plan Update, Kickoff Meeting

3/22/2023 NOTES

- To attend meetings, including public hearings or meetings/workshops that occur during the plan update process
- To assist with coordination or participation in the public input process- this could mean collecting and relaying valuable local information, data, or soliciting input from citizens or professionals
- To make decisions on the planning process and content- this includes reviewing plan updates and providing timely feedback (this include submitting any worksheets or handouts we provide you)
- To review and adopt the plan for it to be approved by FEMA

Outreach methods were discussed for how the planning team and committee will get the word out to stakeholders for future meetings and public input.

Amanda reviewed the tentative project timeline and discussed HAZUS being run in-house, to be completed before the next meeting. The committee scheduled the next meeting for Wednesday, April 19th from 1:00 PM – 3:00 PM. The committee agreed keeping the same date/time and meeting hybrid (utilizing Microsoft Teams and in-person) would allow for greater attendance and input.

Next Steps

Amanda outlined next steps for the local planning team and members of the hazard mitigation planning committee. Committee members should provide any additional stakeholder contacts to H-GAC and Roy Mercer so they can be included in future updates regarding the plan. Committee members should also sign and return commitment letters as soon as possible. The next meeting was scheduled for April 19, 2023, from 1-3 PM at the Sealy Fire Department. H-GAC staff will begin running the HAZUS model for outputs to help inform the continuation of the risk assessment activity that the next meeting will continue and expand on.

Hazard identification and Risk Assessment

Amanda passed out a risk assessment handout and the committee reviewed hazards from the 2018 Austin County Multi-Jurisdictional Hazard Mitigation and Texas State Hazard Mitigation plans. She outlined updates the hazard mitigation planning committee may want to make to certain hazard titles or regroupings, new additions, and gave examples of what 2023 plans were doing similarly for the committee to consider.

Listed Hazards for the 2018 plans included: Flooding, Hurricanes & Tropical Storms, Wildfire, Drought, Lightning, Heat, Hail, Winter Weather, Tornado, Dam/Levee Failure, Coastal Erosion, and Expansive Soils.

The hazard mitigation committee began working on the hazard identification and risk assessment handout for the remainder of the meeting.

Meeting adjourned at 2:35 PM.

2023 Multi-jurisdictional Hazard Mitigation Plan Update

Meeting #1: Kickoff

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Meeting Goals & Objectives

- **Explain** hazard mitigation
- Review the **benefits** of developing a hazard mitigation plan
- Provide an overview of the **planning process**
- Inform about **your role** in the planning process

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Introductions

- Name
- Organization
- How has a hazard impacted you? (optional)

3

What is Hazard Mitigation Planning?

- Hazard Mitigation Planning- Acting before disaster strikes.
- Mitigation- any sustained action taken to ***reduce or eliminate long-term risk*** to life and property from a hazard event

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Benefits of Hazard Mitigation

- Prevent injury and loss of life
- Prevent damage to community assets
- Reduce exposure to risk from natural hazards
- Reduce costs of disaster response/recovery
- Advance other community objectives

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Disaster Mitigation Act of 2000 (DMA 2000)

“to reduce the loss of life and property, human suffering, economic disruption, and disaster assistance costs resulting from natural disasters.”

- Section 322 specifically addresses mitigation planning and requires state and local governments to prepare hazard mitigation plans as a precondition for receiving FEMA mitigation project grants.

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Updated Policies

- On April 19, 2022, FEMA released the updated state and local mitigation planning policies.
- These updated policies will be in effect for all mitigation plans approved on or after:

April 19, 2023.



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Updated Policies

- Defines who local governments must include in the planning process.
- Requires local governments to include the effects of climate change and other future conditions in the risk assessment.
- Recognizes the important role of adopting and enforcing building codes and land use/development ordinances
- Facilitates stronger alignment with other FEMA mitigation program & incorporates new FEMA grant programs



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Participating Jurisdictions

- Austin County
- City of Bellville
- City of Brazos Country
- City of Industry
- City of San Felipe
- City of Sealy
- City of South Frydek
- City of Wallis

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Participation Requirements

- The whole community approach
 - Emergency Management
 - County/City Staff
 - The General Public!
 - Elected Officials
 - Utility Companies
 - Industry/Business
 - ISDs

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Participation Requirements

1. Attend meetings, including public hearings or meetings/workshops that occurs during the plan update process
2. Assist with coordination or participation in the public input process
3. Review plan updates and provide timely feedback
4. Adopt & Implement the plan

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Outreach Methods

- What methods of public involvement have worked well in your community in the past?
 - Community events?
 - Questionnaires/surveys?
 - Roundtable/forums?
 - Social media?
 - Web sites?

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Tentative Project Timeline

- **March 14**, Meeting 1: Kickoff ←
- **April**, Meeting #2: Hazard Identification & Risk Assessment
- **May**, Meeting #3: Capability Assessment
- **June**, Public Input Workshop
- **July**, Meeting #4: Policy Development & Project Identification (Mitigation Action Plan)
- **August**, Draft Plan Available for Public Comment
- **Meeting #5**: Adoption & Implementation

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Project Objectives

- A fully updated Hazard Mitigation Plan which complies with State and Federal guidance

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Hazard Identification

■ 2018 Hazards

Flooding	Hurricanes & Tropical Storms
Wildfire	Drought
Lightning	Heat
Hail	Winter Weather
Tornado	Dam/Levee Failure
Coastal Erosion	Expansive Soils

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Updating Hazards for 2023

- Add pandemic and extreme temperature hazards?
- Are there any new hazards to include?
- Are there any hazards to remove or combine?

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Hazard Identification

- HAZUS is a nationally applicable standardized methodology that contains models for estimating potential losses from earthquakes, floods, hurricanes, and tsunamis.
- HAZUS uses Geographic Information Systems (GIS) technology to estimate physical, economic, and social impacts of disasters.



Next Steps

- Provide any additional stakeholder contacts
- Sign & return commitment letter
 - Hazard Mitigation Committee members
- Determine meeting #2 date for hazard identification & risk assessment
 - All
- Run HAZUS
 - H-GAC Staff





Houston-Galveston
Area Council

Austin County Hazard Mitigation Plan Committee Meeting April 26, 2023

A G E N D A

1:00 PM **Welcome & Sign-in**

1:05 PM **March Meeting Recap**

H-GAC staff will provide an overview of meeting notes and hazards ranked by risk, as determined by the committee at the previous meeting.

Risk Categories

Questions from last meeting

Where are we now?

H-GAC staff will discuss project timeline and next steps

Capability Assessment Overview

1:45 PM **Capability Assessment Exercise**

3:00 PM **Adjourn**



Austin County Multi-Jurisdictional Hazard Mitigation Plan Update, Kickoff Meeting 4/26/2023 NOTES

ATTENDANCE

Name	Title	Organization
Amanda Ashcroft	Planner	H-GAC
Bob Ray	Mayor	City of Brazos Country
Bobby Byars	Mayor	City of San Felipe
Clay Engelbrecht	Fire Chief	City of Wallis
Jerry Ebers	Clerk	City of South Frydek
Josh Brothers	Planner	City of Sealy
Julie Ebers	Commissioner	City of South Frydek
Kimbra Hill	City Manager	City of Sealy
Maya Mable Meyers	Mayor	City of Industry
Roy Mercer	EMC	Austin County OEM
Shannon Hanath	Administrative Assistant	Austin County
Stephen Bozich	Director of Parks, Recreation, Streets, Drainage & Buildings	City of Sealy
Travis Cochran		City of Sealy

MEETING NOTES

Welcome and Introductions

Amanda Ashcroft welcomed participants and had all introduce their name, title, and the organization they represented.

March Meeting Recap

Amanda went over meeting topics and discussion items from the kickoff and risk identification/assessment meeting held in March.

Amanda reviewed questions from last meeting and provided some clarity regarding incorporating cyber security and other man-made hazard projects into the Hazard Mitigation Plan. Amanda presented a new project timeline. Since the risk assessment was returned today, and the capability assessment is being conducted today, we are ahead of schedule and the Hazard Mitigation Committee will not meet in May. This will allow for H-GAC staff to draft pieces of the plan and prepare materials for public outreach events planned for June.

Capability Assessment

Amanda reviewed what a capability assessment is in relation to hazard mitigation planning, the categories of capabilities that fall within the capability assessment, and why this process is important to hazard mitigation planning.



Austin County Multi-Jurisdictional Hazard Mitigation Plan Update, Kickoff Meeting

4/26/2023 NOTES

Categories discussed were:

1. Prevention- Administrative or regulatory actions that influence the way land is developed and buildings are built. Examples include planning & zoning, building codes, open space preservation, and floodplain regulations.
2. Property Protection- Modification or removal of existing buildings to protect them from a hazard. Examples include purchase, relocation, raised elevation, and structural retrofits.
3. Natural Resource Protection- Preservation or restoration of the functions of natural systems while minimizing hazard losses. Examples include floodplain protection, forest management, and slope stabilization.
4. Structural Projects- Modification of the natural conditions for or progression of a hazard. Examples include dams, levees, seawalls, detention/retention basins, channel modification, retaining walls, and storm sewers.
5. Emergency Services- Protection of people and property during and immediately after a hazard event. Examples include warning systems, evacuation planning, emergency response training, and protection of emergency facilities.
6. Public Education and Awareness- Informing of citizens about hazards and the techniques they can use to protect themselves and their property. Examples include outreach, school education, library materials, and demonstration events.

Public & Stakeholder Online Survey

Amanda discussed the development of an online survey component for the plan update. H-GAC staff are working on building and making the survey live for public input soon. When the survey is live a link will be sent out to the Hazard Mitigation Committee to share.

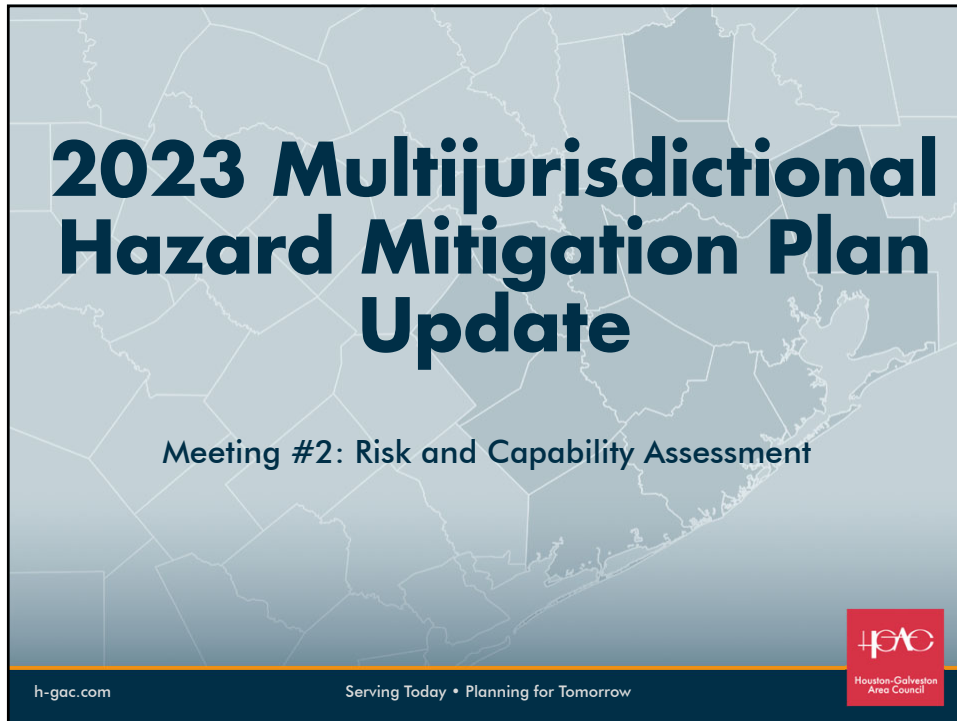
Next Steps

Amanda outlined next steps for the local planning team and members of the hazard mitigation planning committee. Committee members should provide their completed capability assessment forms to Amanda when they are complete.

There will be no meeting in May 2023. There will be a public outreach event in June to solicit public input on the plan and its components.

After the presentation, the Hazard Mitigation Planning Committee worked through the Risk Assessment worksheet together for the remainder of the meeting.


Meeting adjourned at 3:05 PM.



2023 Multijurisdictional Hazard Mitigation Plan Update

Meeting #2: Risk and Capability Assessment

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Meeting Agenda

- Welcome
- March Meeting Recap:
 - Risk Identification Categories
 - Questions from last meeting
 - Where are we now?
- Capability Assessment
 - What is it?
 - Types of resources
- Worksheet

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March Meeting Recap: 2018 Hazards Ranked by Risk

Hazards Ranked by Risk

Each identified hazard poses a risk to Austin County. Ranking the hazards from greatest to lowest risk allows the communities to prioritize their resources and focus efforts where they are most needed.

Risk Rating	Ranking	Hazards
High	1	Flooding
	2	Wildfire
	3	Drought
	4	Severe Thunderstorm
Moderate	5	Tornado/Microburst
	6	Erosion
	7	Hail
	8	Expansive Soil
Low	9	Winter Storms
	10	Extreme Heat

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Questions from last meeting

- Cyber security & man-made hazards?
 - BRIC and FMA awards cannot fund a stand-alone cybersecurity project. An eligible cybersecurity activity must serve as a functional component of an eligible mitigation activity and otherwise meet all applicable programmatic requirements.

Example: Harden facilities (buildings, wiring, rooms) that house the cybersecurity system component such as computers, hardware, or the system's servers

Source: https://www.fema.gov/sites/default/files/documents/fema_bric-fma-cybersecurity-information-activities_112022.pdf

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Tentative Project Timeline

- **March 22**, Meeting 1: Kickoff
- **April 26**, Meeting #2: Hazard Identification & Risk Assessment ←
- **May**, Meeting #3: Capability Assessment
- **June**, Public Input Workshop
- **July**, Meeting #4: Policy Development & Project Identification (Mitigation Action Plan)
- **August**, Draft Plan Available for Public Comment
- **Meeting #5**: Adoption & Implementation



5

Updated Project Timeline

	March	April	May	June	July	August	Sept.	Oct.	Nov.
Kickoff Meeting									
Risk Assessment		HAZUS							
Capability Assessment		We are Here							
Public Input Workshop/ Events				#1 June 17 th			#2		#3
Mitigation Action Plan Workshop									
Plan Drafting									
Review Final Draft									
Plan Adoption									
Submit Plan to State & FEMA									



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Capability Assessment

- What you are doing
- What you are not doing
- What you can do
- What you are doing wrong?

...helps to determine which mitigation actions are practical and likely to be implemented given a local government's various resources and capabilities.



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Capability Assessment Components

- 1) An inventory of a local jurisdiction's relevant existing plans, ordinances, and programs
- 2) Analysis of a local jurisdiction's capacity to carry out existing plans, ordinances, and programs.



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Policy & Regulatory Inventory

- Adequate building codes
- Land use, zoning and subdivision regulations
- Floodplain and storm water ordinances
- Comprehensive plans
- Capital improvement and transportation plans
- Facilities and needs studies
- Population growth and future development studies
- Economic development plans
- Emergency management response and recovery plans
- National Flood Insurance Program (NFIP) participation
- NFIP Community Rating System programs



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2 / 9 | - 100% + | [] []

Hazard Mitigation Plan Worksheet Capability Assessment

Building Code, Permitting, and Inspections	Yes/ No	1. Are codes adequately enforced?
Building Code	<input type="checkbox"/>	Version/Year:
Building Code Effectiveness Grading Schedule (BCEGS)	<input type="checkbox"/>	Score:
Fire department ISO rating	<input type="checkbox"/>	Rating:
Site plan review requirements	<input type="checkbox"/>	
Other (if any)		

Planning, Ordinances, & Regulatory Capability	Yes/ No	1. Is the plan/ordinance an effective measure for reducing hazard impacts? 2. Is the ordinance adequately administered and enforced?
Capital Improvements Plan (Regulates infrastructure in hazard areas)	<input type="checkbox"/>	
Comprehensive Plan	<input type="checkbox"/>	
Continuity of Operations Plan	<input type="checkbox"/>	
Disaster Recovery Plan	<input type="checkbox"/>	

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Planning, Ordinances, and Regulatory Capability

- Demonstrate commitment to guiding and managing growth, development, and redevelopment in a responsible manner
 - Examples: Mitigation planning, comprehensive land use planning, enforcement of zoning ordinances and building codes, protecting environmental resources in the community

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Administrative and Technical Capability

- Staff and skills for planning and mitigation such as:
 - Engineers
 - Planners
 - GIS analysts
 - Building inspectors
 - Emergency managers
 - Grant writers

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Financial Capability

- Resources available to fund mitigation actions such as:
 - Operating budgets
 - Stormwater utility fees
 - Development impact fees

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Education and Outreach Capability

- Existing programs that implement mitigation and communicate risk such as:
 - School programs
 - Firewise communities
 - Storm Ready communities
 - Hazard awareness campaigns
 - *Example: Tornado Awareness Month!*
 - Public Information Officer
 - Community newsletter

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Political Capability

- Guiding development away from identified hazard areas
- Restricting public investments or capital improvements within hazard areas
- Enforcing local development standards that go beyond minimum state or federal requirements
 - (e.g., building codes, floodplain management)



2018 Capability Assessment

List of Existing Plans & Regulations

HMAP: Hazard Mitigation Plan
 DRP: Disaster Recovery Plan
 FMP: Floodplain Management Plan
 EOP: Emergency Operations Plan
 COOP: Continuity of Operations Plan
 SO: Subdivision Regulation
 FDPO: Flood Damage Prevention Ordinance
 COMP: Comprehensive Land Use Plan
 CIP: Capital Improvements Plan

Jurisdiction	HMAP	DRP	FMP	EOP	COOP	SO	FDPO	COMP	CIP
Austin County	x	x	x	x		x	x		
Bellville	x			x		x			x
Brazos Country	x					x			
San Felipe	x	x	x	x	x				
Sealy	x					x	x	x	x
Wallis	x					x	x		



2018 Capability Assessment

Expand and Improve

Participating jurisdiction examined their existing authorities, policies, programs and resources. Participating jurisdiction then identified ways to improve upon and expand their existing authorities to support the mitigation strategy.

Jurisdiction	Capability Expansion Opportunities
Unincorporated Austin County	Identified their local budget as a factor that decreases their capability to implement mitigation actions and reduce future damages. Austin County will apply for state and federal funding to help fund mitigation actions that reduce the impact of natural hazards.
Bellville	Need for technical staff and larger budget. Will apply for state and federal funding to help fund mitigation actions that reduce the impact of natural hazards.
Brazos Country	Low local budget and technical staff as a weakness in their current funding. Will apply for federal funding to help reduce the impacts of natural hazards within the community.
San Felipe	Identified the low local budget as a barrier for implementing the mitigation strategy. Will apply for state and federal funding to help fund mitigation actions that reduce the impact of natural hazards.
Sealy	Low local funding as a barrier for implementing projects. Will apply for state and federal funding to help fund mitigation actions that reduce the impact of natural hazards.
Wallis	Identified a low local budget to implement mitigation actions. Will apply for federal funds to reduce the impact of natural hazards within the jurisdiction.

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Next Steps

- HAZUS, Website updates, Public & stakeholder survey, Begin drafting plan
 - H-GAC Staff
- Complete & return capability assessment worksheet, Share events happening within the county for public outreach
 - Hazard Mitigation Committee

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Public & Stakeholder Online Survey

- Survey questions are being adapted from FEMA's Local Mitigation Planning Handbook and incorporating other sources
- When available: please share!

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Contact Information

Amanda Ashcroft, AICP

Planner, Community & Environmental

Houston-Galveston Area Council

Amanda.Ashcroft@h-gac.com

713-993-4545

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Risk Assessments



Risk Assessment

Name: _____

Title and Employer: Austin County

Date: 05/2023

Contact email: _____

Amount of time worked on this document: _____

Please return your filled worksheet to Amanda.Ashcroft@h-gac.com

The purpose of this activity is to identify which hazards *could* affect your community. Each participating jurisdiction must come up with their own risk assessment.



Risk Assessment

The purpose of this activity is to identify which hazards *could* affect your community.

1. Thinking about the past is a good start. What happened previously is a pretty good guide to what may happen again. If your county was damaged by an earthquake, even 150 years ago, there exists at least the potential for damaging earthquakes in the future.
2. Think about any new information you learned through the risk assessment. Sometimes memories cover too short of a time span to experience potential risk and looking at scenarios and other models can provide an additional perspective.
3. Think about changing conditions in your community, and how the nature of some threats could change over time. This could include the increased frequency of extreme events due to climate change, to changes in vulnerable populations, or the anticipated construction of a new ammonia facility that creates the possibility of chemical exposure.

The following is a list of natural and technological hazards that can affect the City of Angleton. This is not necessarily a complete list of threats but is intended as a starting point when completing the local risk assessment activity.

Flooding	Hurricanes & Tropical Storms & depressions
Wildfire	Drought combine with expansive soils
Severe thunderstorm/ Lightning	Extreme Heat
Hail	Winter Weather
Tornado & microburst	Dam/Levee Failure
Coastal Erosion Not coastal	Expansive Soils Combine with drought
Windstorm	Cybersecurity
Train derailment (lookup)	
Aging Infrastructure (lookup)	Terrorism (lookup)



Risk Assessment

RISK ASSESSMENT:

To rank hazard risk, probability and severity must be determined.

PROBABILITY: A measure of how likely an event will occur

SEVERITY: How much a hazard affects the functionality of society and natural environment

Hazard risk is measured using this equation: **RISK = PROBABILITY x SEVERITY**

We will calculate risk by assigning a numerical value to both probability & severity (see below).

Use these values to calculate risk for each hazard within your community.

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4 – Highly Likely	Event is probable within the next calendar year These events have occurred, on average, once every 1-2 years in the past
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1 – Unlikely	Event is probable within the next 200 years Event has a 0.5-2% chance of occurring in any given year These events have occurred, on average, once every 50-200 years in the past

Severity	Characteristics
8 – Catastrophic	Multiple deaths Complete shutdown of facilities for 30 or more days More than 50% of property is severely damaged
4 – Critical	Injuries and/or illnesses result in permanent disability Complete shutdown of critical facilities for at least 14 days More than 25% of property is severely damaged
2 – Limited	Injuries and/or illnesses do not result in permanent disability Complete shutdown of critical facilities for more than seven days More than 10% of property is severely damaged.
1 – Negligible	Injuries and/or illnesses are treatable with first aid Minor quality of life lost Shutdown of critical facilities and services for 24 hours or less Less than 10% of property is severely damaged



Risk Assessment

RISK ASSESSMENT: To rank hazard risk, probability and severity must be determined.

PROBABILITY: A measure of how likely an event will occur

SEVERITY: How much a hazard affects the functionality of society and natural environment

Use the tables above as a guide

Hazard	Probability (1, 2, 3, 4)	Severity (1, 2, 4, 8)	Risk (P x S)	Ranking
Flooding	4	4	16	1
Wildfire	4	4	16	1
Severe Thunderstorm/ Lightning	4	2	8	2
Hail	3	1	3	3
Tornado/ Microburst	3	2	6	2
Erosion	3	2	6	2
Hurricanes, tropical storms, & depressions	2	2	4	3
Extreme Heat	4	1	4	3
Winter Weather	3	2	6	2
Drought & Expansive Soils	3	2	6	2
Dam/Levee Failure	2	1	2	3
Windstorm	3	2	6	2
Cybersecurity	3	2	6	2
Emerging Infectious Diseases	2	2	4	3
Terrorism	2	2	4	3
Train Derailment	2	1	2	3
Aging Infrastructure	4	4	16	1



Risk Assessment

Name: Shawn Jackson

Title and Employer: City of Bellville

Date: 04/2023

Contact email: sjackson@cityofbellville.com

Amount of time worked on this document: 30 minutes

Please return your filled worksheet to Amanda.Ashcroft@h-gac.com

The purpose of this activity is to identify which hazards *could* affect your community. Each participating jurisdiction must come up with their own risk assessment.



Risk Assessment

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The following is a list of natural and technological hazards that can affect the County.

This is not necessarily a complete list of threats but is intended as a starting point when completing the local risk assessment activity.

Flooding	Hurricanes & Tropical Storms
Wildfire	Drought
Lightning	Heat
Hail	Winter Weather
Tornado	Dam/Levee Failure
Coastal Erosion	Expansive Soils
Windstorm	Cybersecurity
Terrorism	



Risk Assessment

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Use the tables above as a guide

Hazard	Probability (1, 2, 3, 4)	Severity (1, 2, 4, 8)	Risk (P x S)	Ranking
Flooding	2	1	2	6
Wildfire	1	1	1	7
Drought	3	2	6	4
Severe Thunderstorm/Lighting	4	4	16	1
Tornado/Microburst	2	4	8	3
Erosion	1	1	1	7
Hail	3	2	6	4
Expansive Soil	1	1	1	7
Cyber Security	4	4	16	1
Winter Storms	3	4	12	2
Extreme Heat	3	2	6	4
Hurricanes, Tropical Storms & Depressions	3	2	6	4
Windstorm	3	2	6	4
Emerging Infectious Disease	2	2	4	5



Risk Assessment

Name: Michael Coopersmith ED.D

Title and Employer: Bellville Independent School District

Date: 2/13/24

Contact email: mcoopersmith@bellvillebrahmas.org

Amount of time worked on this document: 30 Minutes

Please return your filled worksheet to Amanda.Ashcroft@h-gac.com

The purpose of this activity is to identify which hazards *could* affect your community. Each participating jurisdiction must come up with their own risk assessment.



Risk Assessment

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The following is a list of natural and technological hazards that can affect the County.

This is not necessarily a complete list of threats but is intended as a starting point when completing the local risk assessment activity.

Flooding	Hurricanes & Tropical Storms
Wildfire	Drought
Lightning	Heat
Hail	Winter Weather
Tornado	Dam/Levee Failure
Coastal Erosion	Expansive Soils
Windstorm	Cybersecurity
Train Derailment	



Risk Assessment

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Risk Assessment

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Hazard	Probability (1, 2, 3, 4)	Severity (1, 2, 4, 8)	Risk (P x S)	Ranking
Flooding	2	1	2	6
Wildfire	2	2	4	4
Drought	4	2	8	2
Severe Thunderstorm/Lighting	4	2	8	2
Tornado/Microburst	2	8	16	1
Erosion	4	1	4	4
Hail	3	1	3	5
Expansive Soil	4	1	4	4
Cyber Security	4	2	8	2
Winter Storms	4	2	8	2
Extreme Heat	4	1	4	4
Hurricanes, Tropical Storms & Depressions	3	2	6	3
Windstorm	4	2	8	2
Emerging Infectious Disease	2	1	2	6



Risk Assessment

Name: Bob Ray

Title and Employer: MAYOR PRO TEM (MAYOR AFTER 5/10/23)

Date: 4/23/22

Contact email: bob-ray@citybrazoscountry.org
mayor@citybrazoscountry.org (after 5/10/23)

Amount of time worked on this document: ONE HOUR

Please return your filled worksheet to Amanda.Ashcroft@h-gac.com

The purpose of this activity is to identify which hazards **could** affect your community. Each participating jurisdiction must come up with their own risk assessment.



Risk Assessment

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Wildfire	Drought
Lightning	Heat
Hail	Winter Weather
Tornado	Dam/Levee Failure
Coastal Erosion	Expansive Soils



Risk Assessment

RISK ASSESSMENT:

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Risk Assessment

Name: Scott C. Rogers

Title and Employer: Brazos Independent School District

Date: 2/14/24

Contact email: srogers@brazosisd.net

Amount of time worked on this document: 25 minutes

Please return your filled worksheet to Amanda.Ashcroft@h-gac.com

The purpose of this activity is to identify which hazards *could* affect your community. Each participating jurisdiction must come up with their own risk assessment.



Risk Assessment

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Flooding	Hurricanes & Tropical Storms
Wildfire	Drought
Lightning	Heat
Hail	Winter Weather
Tornado	Dam/Levee Failure
Coastal Erosion	Expansive Soils
Windstorm	Cybersecurity
Terrorism	



Risk Assessment

RISK ASSESSMENT:

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Use the tables above as a guide

Hazard	Probability (1, 2, 3, 4)	Severity (1, 2, 4, 8)	Risk (P x S)	Ranking
Flooding	2	2	4	3
Wildfire	1	1	1	5
Drought	3	2	6	2
Severe Thunderstorm/Lighting	4	2	8	1
Tornado/Microburst	1	8	8	1
Erosion	1	1	1	5
Hail	2	2	4	3
Expansive Soil	1	1	1	5
Cyber Security	1	1	1	5
Winter Storms	2	2	4	3
Extreme Heat	1	1	1	5
Hurricanes, Tropical Storms & Depressions	2	1	2	4
Windstorm	2	1	2	4
Emerging Infectious Disease	2	2	4	3
Terrorism	2	2	4	3
Dam/Levee Failure	0	0	0	6



Risk Assessment

Name: Maya Mable Meyers

Title and Employer: City of Industry

Date: 05/2023

Contact email: industry@industryinet.com

Amount of time worked on this document: 30 minutes

Please return your filled worksheet to Amanda.Ashcroft@h-gac.com

The purpose of this activity is to identify which hazards *could* affect your community. Each participating jurisdiction must come up with their own risk assessment.



Risk Assessment

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Flooding	Hurricanes & Tropical Storms
Wildfire	Drought
Lightning	Heat
Hail	Winter Weather
Tornado	Dam/Levee Failure
Coastal Erosion	Expansive Soils
Windstorm	Cybersecurity
Terrorism	



Risk Assessment

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Hazard	Probability (1, 2, 3, 4)	Severity (1, 2, 4, 8)	Risk (P x S)	Ranking
Flooding	1	2	2	6
Wildfire	2	2	4	4
Drought	3	1	3	5
Severe Thunderstorm/Lighting	4	4	16	1
Tornado/Microburst	2	2	4	4
Erosion	1	1	1	7
Hail	3	1	3	5
Expansive Soil	1	1	1	7
Cyber Security	3	2	6	3
Winter Storms	4	2	8	2
Extreme Heat	4	2	8	2
Hurricanes, Tropical Storms & Depressions	2	4	8	2
Windstorm	3	2	6	3
Emerging Infectious Disease	2	1	2	6
Terrorism	1	1	1	7
Dam/Levee Failure	0	0	0	0



Risk Assessment

Name: Sue Foley

Title and Employer: Town of San Felipe

Date: _____

Contact email: suefoley@townofsanfelipe.net

Amount of time worked on this document: 45 minutes

Please return your filled worksheet to Amanda.Ashcroft@h-gac.com

The purpose of this activity is to identify which hazards *could* affect your community. Each participating jurisdiction must come up with their own risk assessment.



Risk Assessment

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Tornado	Dam/Levee Failure
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Terrorism	



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4 – Critical	Injuries and/or illnesses result in permanent disability Complete shutdown of critical facilities for at least 14 days More than 25% of property is severely damaged
2 – Limited	Injuries and/or illnesses do not result in permanent disability Complete shutdown of critical facilities for more than seven days More than 10% of property is severely damaged.
1 – Negligible	Injuries and/or illnesses are treatable with first aid Minor quality of life lost Shutdown of critical facilities and services for 24 hours or less Less than 10% of property is severely damaged



Risk Assessment

RISK ASSESSMENT: To rank hazard risk, probability and severity must be determined.

PROBABILITY: A measure of how likely an event will occur

SEVERITY: How much a hazard affects the functionality of society and natural environment

Use the tables above as a guide

Hazard	Probability (1, 2, 3, 4)	Severity (1, 2, 4, 8)	Risk (P x S)	Ranking
Flooding	3	2	6	4
Wildfire	1	1	1	6
Drought	1	1	1	6
Severe Thunderstorm/Lighting	2	2	4	5
Tornado/Microburst	2	2	4	5
Erosion	4	8	32	1
Hail	2	2	4	5
Expansive Soil	4	4	16	2
Cyber Security	1	1	1	6
Winter Storms	3	4	12	3
Extreme Heat	3	4	12	3
Hurricanes, Tropical Storms & Depressions	2	2	4	5
Windstorm	2	2	4	5
Emerging Infectious Disease	2	2	4	5



Risk Assessment

Name: Shawn Hiatt

Title and Employer: HR / Operations Sealy Independent School District

Date: 2/16/24

Contact email: shiatt@sealyisd.com

Amount of time worked on this document: 30 minutes

Please return your filled worksheet to Amanda.Ashcroft@h-gac.com

The purpose of this activity is to identify which hazards *could* affect your community. Each participating jurisdiction must come up with their own risk assessment.



Risk Assessment

The purpose of this activity is to identify which hazards *could* affect your community.

1. Thinking about the past is a good start. What happened previously is a pretty good guide to what may happen again. If your county was damaged by an earthquake, even 150 years ago, there exists at least the potential for damaging earthquakes in the future.
2. Think about any new information you learned through the risk assessment. Sometimes memories cover too short of a time span to experience potential risk and looking at scenarios and other models can provide an additional perspective.
3. Think about changing conditions in your community, and how the nature of some threats could change over time. This could include the increased frequency of extreme events due to climate change, to changes in vulnerable populations, or the anticipated construction of a new ammonia facility that creates the possibility of chemical exposure.

The following is a list of natural and technological hazards that can affect the County.

This is not necessarily a complete list of threats but is intended as a starting point when completing the local risk assessment activity.

Flooding	Hurricanes & Tropical Storms
Wildfire	Drought
Lightning	Heat
Hail	Winter Weather
Tornado	Dam/Levee Failure
Coastal Erosion	Expansive Soils
Windstorm	Cybersecurity
Terrorism	



Risk Assessment

RISK ASSESSMENT:

To rank hazard risk, probability and severity must be determined.

PROBABILITY: A measure of how likely an event will occur

SEVERITY: How much a hazard affects the functionality of society and natural environment

Hazard risk is measured using this equation: **RISK = PROBABILITY x SEVERITY**

We will calculate risk by assigning a numerical value to both probability & severity (see below).

Use these values to calculate risk for each hazard within your community.

Probability	Characteristics
4 – Highly Likely	Event is probable within the next calendar year These events have occurred, on average, once every 1-2 years in the past
3 – Likely	Event is probable within the next 10 years Event has a 10-50% chance of occurring in any given year These events have occurred, on average, once every 3-10 years in the past
2 – Possible	Event is probable within the next 50 years Event has a 2-10% chance of occurring in any given year These events have occurred, on average, once every 10-50 years in the past
1 – Unlikely	Event is probable within the next 200 years Event has a 0.5-2% chance of occurring in any given year These events have occurred, on average, once every 50-200 years in the past

Severity	Characteristics
8 – Catastrophic	Multiple deaths Complete shutdown of facilities for 30 or more days More than 50% of property is severely damaged
4 – Critical	Injuries and/or illnesses result in permanent disability Complete shutdown of critical facilities for at least 14 days More than 25% of property is severely damaged
2 – Limited	Injuries and/or illnesses do not result in permanent disability Complete shutdown of critical facilities for more than seven days More than 10% of property is severely damaged.
1 – Negligible	Injuries and/or illnesses are treatable with first aid Minor quality of life lost Shutdown of critical facilities and services for 24 hours or less Less than 10% of property is severely damaged



Risk Assessment

RISK ASSESSMENT: To rank hazard risk, probability and severity must be determined.

PROBABILITY: A measure of how likely an event will occur

SEVERITY: How much a hazard affects the functionality of society and natural environment

Use the tables above as a guide

Hazard	Probability (1, 2, 3, 4)	Severity (1, 2, 4, 8)	Risk (P x S)	Ranking
Flooding	3	2	6	3
Wildfire	1	1	1	6
Drought	2	1	2	5
Severe Thunderstorm/Lighting	4	2	8	2
Tornado/Microburst	3	2	6	3
Erosion	1	1	2	5
Hail	3	2	6	3
Expansive Soil	3	2	6	3
Cyber Security	3	4	12	1
Winter Storms	2	2	4	4
Extreme Heat	4	2	8	2
Hurricanes, Tropical Storms & Depressions	3	4	12	1
Windstorm	2	1	2	5
Emerging Infectious Disease	4	2	8	2



Risk Assessment

Name: _____

Title and Employer: _____

Date: _____

Contact email: _____

Amount of time
worked on this document: _____

Please return your filled worksheet to Amanda.Ashcroft@h-gac.com

The purpose of this activity is to identify which hazards ***could*** affect your community. Each participating jurisdiction must come up with their own risk assessment.



Risk Assessment

The purpose of this activity is to identify which hazards *could* affect your community.

1. Thinking about the past is a good start. What happened previously is a pretty good guide to what may happen again. If your county was damaged by an earthquake, even 150 years ago, there exists at least the potential for damaging earthquakes in the future.
2. Think about any new information you learned through the risk assessment. Sometimes memories cover too short of a time span to experience potential risk and looking at scenarios and other models can provide an additional perspective.
3. Think about changing conditions in your community, and how the nature of some threats could change over time. This could include the increased frequency of extreme events due to climate change, to changes in vulnerable populations, or the anticipated construction of a new ammonia facility that creates the possibility of chemical exposure.

The following is a list of natural and technological hazards that can affect the City of Angleton. This is not necessarily a complete list of threats but is intended as a starting point when completing the local risk assessment activity.

Flooding	Hurricanes & Tropical Storms & depressions
Wildfire	Drought combine with expansive soils
Severe thunderstorm/ Lightning	Extreme Heat
Hail	Winter Weather
Tornado & microburst	Dam/Levee Failure
Coastal Erosion Not coastal	Expansive Soils Combine with drought
Windstorm	Cybersecurity
Train derailment (lookup)	
Aging Infrastructure (lookup)	Terrorism (lookup)



Risk Assessment

RISK ASSESSMENT:

To rank hazard risk, probability and severity must be determined.

PROBABILITY: A measure of how likely an event will occur

SEVERITY: How much a hazard affects the functionality of society and natural environment

Hazard risk is measured using this equation: **RISK = PROBABILITY x SEVERITY**

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Use these values to calculate risk for each hazard within your community.

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Severity	Characteristics
8 – Catastrophic	Multiple deaths Complete shutdown of facilities for 30 or more days More than 50% of property is severely damaged
4 – Critical	Injuries and/or illnesses result in permanent disability Complete shutdown of critical facilities for at least 14 days More than 25% of property is severely damaged
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Risk Assessment

RISK ASSESSMENT: To rank hazard risk, probability and severity must be determined.

PROBABILITY: A measure of how likely an event will occur

SEVERITY: How much a hazard affects the functionality of society and natural environment

Use the tables above as a guide

Hazard	Probability (1, 2, 3, 4)	Severity (1, 2, 4, 8)	Risk (P x S)	Ranking
Flooding	4	4	16	1
Wildfire	4	4	16	1
Severe Thunderstorm/ Lightning	4	2	8	2
Hail	3	1	3	3
Tornado/ Microburst	3	2	6	2
Erosion	3	2	6	2
Hurricanes, tropical storms, & depressions	2	2	4	3
Extreme Heat	4	1	4	3
Winter Weather	3	2	6	2
Drought & Expansive Soils	3	2	6	2
Dam/Levee Failure	2	1	2	3
Windstorm	3	2	6	2
Cybersecurity	3	2	6	2
Emerging Infectious Diseases	2	2	4	3
Terrorism	2	2	4	3
Train Derailment	2	1	2	3
Aging Infrastructure	4	4	16	1



Risk Assessment

Name: David Moseley

Title and Employer: City Administrator

Date: 04/2023

Contact email: wallischief@wallistexas.org

Amount of time worked on this document: 45 Minutes

Please return your filled worksheet to Amanda.Ashcroft@h-gac.com

The purpose of this activity is to identify which hazards *could* affect your community. Each participating jurisdiction must come up with their own risk assessment.



Risk Assessment

The purpose of this activity is to identify which hazards *could* affect your community.

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2. Think about any new information you learned through the risk assessment. Sometimes memories cover too short of a time span to experience potential risk and looking at scenarios and other models can provide an additional perspective.
3. Think about changing conditions in your community, and how the nature of some threats could change over time. This could include the increased frequency of extreme events due to climate change, to changes in vulnerable populations, or the anticipated construction of a new ammonia facility that creates the possibility of chemical exposure.

The following is a list of natural and technological hazards that can affect the County.

This is not necessarily a complete list of threats but is intended as a starting point when completing the local risk assessment activity.

Flooding	Hurricanes & Tropical Storms
Wildfire	Drought
Lightning	Heat
Hail	Winter Weather
Tornado	Dam/Levee Failure
Coastal Erosion	Expansive Soils
Windstorm	Cybersecurity



Risk Assessment

RISK ASSESSMENT:

To rank hazard risk, probability and severity must be determined.

PROBABILITY: A measure of how likely an event will occur

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We will calculate risk by assigning a numerical value to both probability & severity (see below).

Use these values to calculate risk for each hazard within your community.

Probability	Characteristics
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Severity	Characteristics
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Risk Assessment

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PROBABILITY: A measure of how likely an event will occur

SEVERITY: How much a hazard affects the functionality of society and natural environment

Use the tables above as a guide

Hazard	Probability (1, 2, 3, 4)	Severity (1, 2, 4, 8)	Risk (P x S)	Ranking
Flooding	4	1	4	5
Wildfire	1	1	1	7
Drought	3	1	3	6
Severe Thunderstorm/Lighting	4	2	8	4
Tornado/Microburst	3	4	12	3
Erosion	1	1	1	7
Hail	4	1	4	5
Expansive Soil	3	4	12	3
Cyber Security	4	8	32	1
Winter Storms	4	1	4	5
Extreme Heat	4	1	4	5
Hurricanes, Tropical Storms & Depressions	3	8	24	2
Windstorm	2	2	4	5
Emerging Infectious Disease	4	3	12	3

Capability Assessments



Houston-Galveston
Area Council

Hazard Mitigation Plan Worksheet Capability Assessment

Name: Roy Mercer

Title and Employer: EMC / Austin County

Jurisdiction represented: Austin County

Date: 04/2023

Amount of time worked
on this document: 45 minutes

Please return your filled worksheet to Amanda.Ashcroft@h-gac.com

Does the plan document each jurisdiction's existing authorities, policies, programs and resources, and its ability to expand on and improve these existing policies and programs?

(Requirement §201.6(c)(3))



Houston-Galveston
Area Council

Hazard Mitigation Plan Worksheet

Capability Assessment

Building Code, Permitting, and Inspections	Yes/ No	1. Are codes adequately enforced?
Building Code	No	Version/Year: None
Building Code Effectiveness Grading Schedule (BCEGS)	No	Score:
Fire department ISO rating	No	Rating:
Site plan review requirements	Yes	Drainage, Detention County Road access
Other (if any)		

Planning, Ordinances, & Regulatory Capability	Yes/ No	1. Is the plan/ordinance an effective measure for reducing hazard impacts? 2. Is the ordinance adequately administered and enforced?
Capital Improvements Plan (Regulates infrastructure in hazard areas)	No	
Comprehensive Plan	No	
Continuity of Operations Plan	No	
Disaster Recovery Plan	No	
Economic Development Plan	No	
Emergency Operations Plan	Yes	Austin County Enforcement
Floodplain Management Plan	Yes	Austin County Flood Ordinance
Hazard Mitigation Plan	Yes	Austin County
Radiological Emergency Plan	No	
Regional Planning	Yes	H-GAC
SARA Title III Emergency Response Plan	Yes	Austin County
Stormwater Management Plan	No	
Transportation Plan	No	
Zoning Ordinance	No	



Houston-Galveston
Area Council

Hazard Mitigation Plan Worksheet

Capability Assessment

Planning, Ordinances, & Regulatory Capability	Yes/ No	1. Is the plan/ordinance an effective measure for reducing hazard impacts? 2. Is the ordinance adequately administered and enforced?
Subdivision Regulation/Ordinance	Yes	Austin County Subdivision Regulations
Flood Damage Prevention Ordinance	No	
Floodplain Ordinance	Yes	Austin County Floodplain Regulations
Natural hazard specific ordinance (Stormwater, wildfire, etc.)	No	
National Flood Insurance Program	Yes	Austin County
Flood insurance rate maps	Yes	Austin County Enforcement
Community Rating System	No	
Acquisition of land for open space and public recreation uses	No	
Other (if any)		
How can these capabilities be expanded and improved to reduce risk?		



Hazard Mitigation Plan Worksheet Capability Assessment

Administrative & Technical Capability

Identify whether your community has the following administrative and technical capabilities. These include staff and their skills and tools that can be used for mitigation planning and to implement specific mitigation actions. For smaller jurisdictions without local staff resources, if there are public resources at the next higher-level government that can provide technical assistance, indicate so in your comments.

Administration	Yes/ No	1. Describe capability. 2. Is coordination effective?
Planning Commission	No	
Planning Committee	No	
Maintenance programs to reduce risk (e.g., tree trimming, clearing drainage systems)	No	
Mutual aid agreement(s)	Yes	County of Austin Fire Departments/School Districts/Municipalities

Staff	Yes/ No FT/ PT ¹	1. Is staffing adequate to enforce regulations? 2. Is staff trained on hazards and mitigation? 3. Is coordination between agencies and staff effective?
Chief Building Official	Yes <input type="radio"/> No <input checked="" type="radio"/> FT <input checked="" type="radio"/> PT <input type="radio"/>	
Civil Engineer	Yes <input checked="" type="radio"/> No <input type="radio"/> FT <input type="radio"/> PT <input checked="" type="radio"/>	
Community Planner	Yes <input type="radio"/> No <input checked="" type="radio"/> FT <input checked="" type="radio"/> PT <input type="radio"/>	
Emergency Management	Yes <input checked="" type="radio"/> No <input type="radio"/> FT <input checked="" type="radio"/> PT <input type="radio"/>	
Floodplain Administrator	Yes <input checked="" type="radio"/> No <input type="radio"/> FT <input checked="" type="radio"/> PT <input type="radio"/>	
GIS Coordinator	Yes <input type="radio"/> No <input checked="" type="radio"/> FT <input checked="" type="radio"/> PT <input type="radio"/>	

¹ Full-time (FT) or part-time (PT) position



Houston-Galveston
Area Council

Hazard Mitigation Plan Worksheet

Capability Assessment

Staff	Yes/ No FT/ PT ¹	1. Is staffing adequate to enforce regulations? 2. Is staff trained on hazards and mitigation? 3. Is coordination between agencies and staff effective?
Grant Manager	Yes <input type="radio"/> No <input checked="" type="radio"/> FT <input checked="" type="radio"/> PT <input type="radio"/>	
Local Staff who can assess community's vulnerability to hazards	Yes <input checked="" type="radio"/> No <input type="radio"/> FT <input checked="" type="radio"/> PT <input type="radio"/>	
Other (if any)		

Technical	Yes/ No	1. Describe capability. 2. Has capability been used to assess/mitigate risk in the past?
Warning systems/services (Reverse 911, outdoor warning signals)	Yes	ReGroup
Hazard data and information	Yes	
Grant writing	No	
HAZUS Analysis	No	
Other (if any)	Yes	

How can these capabilities be expanded and improved to reduce risk?

¹ Full-time (FT) or part-time (PT) position

Hazard Mitigation Plan Worksheet Capability Assessment

Financial Capability

Identify whether your jurisdiction has access to or is eligible to use the below funding resources for hazard mitigation.

Financial	Access/ Eligibility (Yes/ No)	1. Has the funding resource been used in past and for what type of activities? 2. Could the resource be used to fund future mitigation actions?
Authority to levy Taxes for specific purposes (Such as mitigation projects)	Yes	
Capital Improvement Plan/ 1- & 5-Year plan	No	
Capital improvements project funding	No	
Community Development Block Grant	No	
Applied for grants in the past	Yes	LiDar
Awarded a grant in the past	Yes	HMGP, DHS
Gas/Electric Service Fees	No	
Stormwater Service Fees	No	
Water/Sewer Service Fees	No	
Development Impact Fees	No	
Incur debt through General Obligation Revenue or Special Tax Bonds	No	
Incur debt through private activities	No	
Other federal funding programs	Yes	COVID Release
State funding programs	No	
Other (if any)	No	
How can these capabilities be expanded and improved to reduce risk?		

Hazard Mitigation Plan Worksheet Capability Assessment

Education and Outreach Capability

Identify education and outreach programs and methods already in place that could be used to implement mitigation activities and communicate hazard-related information.

Education and Outreach	Yes/ No	1. Describe program/organization and how it relates to disaster resilience and mitigation. 2. Could the program/organization help implement future mitigation activities?
Local citizen groups or non-profit organizations focused on environmental protection, emergency preparedness, access, and functional needs populations, etc. (Ex. CERT Teams, Red Cross)	Yes	Fire Departments
Ongoing public education or information program (e.g., responsible water use, fire safety, household preparedness, environmental education)	No	
Natural Disaster or Safety related school programs	No	
Storm Ready Certification	Yes	
Other (if any)		
How can these capabilities be expanded and improved to reduce risk?		



Houston-Galveston
Area Council

Hazard Mitigation Plan Worksheet

Capability Assessment

Education and Outreach	Yes/ No	1. Describe program/organization and how relates to disaster resilience and mitigation. 2. Could the program/organization help implement future mitigation activities?
Firewise Communities Certification	No	
Tree City USA	No	
Public-private partnership initiatives addressing disaster-related issues	No	
Other (if any)		
How can these capabilities be expanded and improved to reduce risk?		

Overall Capability	Limited/Moderate/High
Does the community have the financial resources needed to implement mitigation projects?	Limited
Does the community have the staff/expertise to implement projects?	Limited
Is there community support to implement projects?	Limited
Does the community staff have time to devote to hazard mitigation?	Limited
How can these overall capabilities be expanded and improved to reduce risk?	



Houston-Galveston
Area Council

Hazard Mitigation Plan Worksheet Capability Assessment

Political Capability

The local political climate must be considered in designing mitigation strategies, as it could be the most difficult hurdle to overcome in accomplishing their adoption and implementation. Hazard mitigation may not be a local priority or may conflict with or be seen as an impediment to other goals of the community.

Political Capability	1. List any examples of local political capability Guiding development away from hazard areas, restricting development within hazard areas, or enforcing development standards that go beyond minimum state or federal requirements (e.g., building codes, floodplain management)
Flood Management and Building Permits	

Capability Self-Assessment

Rate the following capability areas as “limited”, “moderate”, or “high” with what you perceive to be the jurisdiction’s ability in implementing hazard mitigation activities.

Jurisdiction Represented:	Building Code, Permitting, and Inspections	Planning, Ordinances, & Regulatory Capability	Administrative & Technical Capability	Financial Capability	Education and Outreach Capability	Political Capability	Overall Capability
Austin County	Limited	Limited	Limited	Limited	Limited	Limited	Limited
What are some barriers to implementing proposed mitigation strategies?							
Financing and full time staff							
What mechanisms could enhance or further implementation of proposed mitigation strategies?							
Full time Internal and external support							



Hazard Mitigation Plan Worksheet Capability Assessment

Name: Shawn Jackson

Title and Employer: City Manager

Jurisdiction represented: City of Bellville

Date: 04/2023

Amount of time worked
on this document: 45 minutes

Please return your filled worksheet to Amanda.Ashcroft@h-gac.com

Does the plan document each jurisdiction's existing authorities, policies, programs and resources, and its ability to expand on and improve these existing policies and programs?

(Requirement §201.6(c)(3))



Houston-Galveston
Area Council

Hazard Mitigation Plan Worksheet

Capability Assessment

Building Code, Permitting, and Inspections	Yes/ No	1. Are codes adequately enforced?
Building Code	Yes	Version/Year: 2020 Homework
Building Code Effectiveness Grading Schedule (BCEGS)		Score:
Fire department ISO rating	Yes	Rating: 3
Site plan review requirements	Yes	Code enforcement and Inspector
Other (if any)		

Planning, Ordinances, & Regulatory Capability	Yes/ No	1. Is the plan/ordinance an effective measure for reducing hazard impacts? 2. Is the ordinance adequately administered and enforced?
Capital Improvements Plan (Regulates infrastructure in hazard areas)	Yes	
Comprehensive Plan	No	
Continuity of Operations Plan	No	
Disaster Recovery Plan	Yes	
Economic Development Plan	No	
Emergency Operations Plan	Yes	Austin County
Floodplain Management Plan	Yes	
Hazard Mitigation Plan	Yes	
Radiological Emergency Plan	No	
Regional Planning	No	
SARA Title III Emergency Response Plan	No	
Stormwater Management Plan	No	
Transportation Plan	No	
Zoning Ordinance	Yes	



Houston-Galveston
Area Council

Hazard Mitigation Plan Worksheet

Capability Assessment

Planning, Ordinances, & Regulatory Capability	Yes/ No	1. Is the plan/ordinance an effective measure for reducing hazard impacts? 2. Is the ordinance adequately administered and enforced?
Subdivision Regulation/Ordinance	Yes	
Flood Damage Prevention Ordinance	Yes	
Floodplain Ordinance	Yes	
Natural hazard specific ordinance (Stormwater, wildfire, etc.)	No	
National Flood Insurance Program	Yes	
Flood insurance rate maps	Yes	
Community Rating System	Yes	
Acquisition of land for open space and public recreation uses	Yes	
Other (if any)		
How can these capabilities be expanded and improved to reduce risk?		



Hazard Mitigation Plan Worksheet Capability Assessment

Administrative & Technical Capability

Identify whether your community has the following administrative and technical capabilities. These include staff and their skills and tools that can be used for mitigation planning and to implement specific mitigation actions. For smaller jurisdictions without local staff resources, if there are public resources at the next higher-level government that can provide technical assistance, indicate so in your comments.

Administration	Yes/ No	1. Describe capability. 2. Is coordination effective?
Planning Commission	Yes	City Council
Planning Committee	Yes	City Council
Maintenance programs to reduce risk (e.g., tree trimming, clearing drainage systems)	Yes	Public Works Department
Mutual aid agreement(s)	Yes	

Staff	Yes/ No FT/ PT ¹	1. Is staffing adequate to enforce regulations? 2. Is staff trained on hazards and mitigation? 3. Is coordination between agencies and staff effective?
Chief Building Official	Yes <input checked="" type="radio"/> No <input type="radio"/> FT <input checked="" type="radio"/> PT <input type="radio"/>	Yes
Civil Engineer	Yes <input checked="" type="radio"/> No <input type="radio"/> FT <input type="radio"/> PT <input checked="" type="radio"/>	Yes
Community Planner	Yes <input type="radio"/> No <input checked="" type="radio"/> FT <input checked="" type="radio"/> PT <input type="radio"/>	
Emergency Management	Yes <input checked="" type="radio"/> No <input type="radio"/> FT <input checked="" type="radio"/> PT <input type="radio"/>	Jason Smalley
Floodplain Administrator	Yes <input checked="" type="radio"/> No <input type="radio"/> FT <input checked="" type="radio"/> PT <input type="radio"/>	Shawn
GIS Coordinator	Yes <input type="radio"/> No <input checked="" type="radio"/> FT <input checked="" type="radio"/> PT <input type="radio"/>	

¹ Full-time (FT) or part-time (PT) position



Houston-Galveston
Area Council

Hazard Mitigation Plan Worksheet

Capability Assessment

Staff	Yes/ No FT/ PT ¹	1. Is staffing adequate to enforce regulations? 2. Is staff trained on hazards and mitigation? 3. Is coordination between agencies and staff effective?
Grant Manager	Yes <input checked="" type="radio"/> No <input type="radio"/> FT <input type="radio"/> PT <input checked="" type="radio"/>	Grants Works / Yes
Local Staff who can assess community's vulnerability to hazards	Yes <input type="radio"/> No <input checked="" type="radio"/> FT <input checked="" type="radio"/> PT <input type="radio"/>	
Other (if any)		

Technical	Yes/ No	1. Describe capability. 2. Has capability been used to assess/mitigate risk in the past?
Warning systems/services (Reverse 911, outdoor warning signals)	Yes	Austin County
Hazard data and information	Yes	
Grant writing	Yes	
HAZUS Analysis	Yes	
Other (if any)		

How can these capabilities be expanded and improved to reduce risk?

¹ Full-time (FT) or part-time (PT) position

Hazard Mitigation Plan Worksheet

Capability Assessment

Financial Capability

Identify whether your jurisdiction has access to or is eligible to use the below funding resources for hazard mitigation.

Financial	Access/ Eligibility (Yes/ No)	1. Has the funding resource been used in past and for what type of activities? 2. Could the resource be used to fund future mitigation actions?
Authority to levy Taxes for specific purposes (Such as mitigation projects)	Yes	
Capital Improvement Plan/ 1- & 5-Year plan	Yes	
Capital improvements project funding	No	
Community Development Block Grant	Yes	Drainage
Applied for grants in the past	Yes	Drainage / Downtown Violation
Awarded a grant in the past	Yes	Drainage / Downtown Violation
Gas/Electric Service Fees	Yes	
Stormwater Service Fees	No	
Water/Sewer Service Fees	Yes	
Development Impact Fees	No	
Incur debt through General Obligation Revenue or Special Tax Bonds	Yes	Police Department
Incur debt through private activities	No	
Other federal funding programs	Yes	ARPA (water wells)
State funding programs	No	
Other (if any)		
How can these capabilities be expanded and improved to reduce risk?		



Houston-Galveston
Area Council

Hazard Mitigation Plan Worksheet Capability Assessment

Education and Outreach Capability

Identify education and outreach programs and methods already in place that could be used to implement mitigation activities and communicate hazard-related information.

Education and Outreach	Yes/ No	1. Describe program/organization and how it relates to disaster resilience and mitigation. 2. Could the program/organization help implement future mitigation activities?
Local citizen groups or non-profit organizations focused on environmental protection, emergency preparedness, access, and functional needs populations, etc. (Ex. CERT Teams, Red Cross)	Yes	Fire Department
Ongoing public education or information program (e.g., responsible water use, fire safety, household preparedness, environmental education)	No	
Natural Disaster or Safety related school programs	No	
Storm Ready Certification	No	
Other (if any)		
How can these capabilities be expanded and improved to reduce risk?		



Houston-Galveston
Area Council

Hazard Mitigation Plan Worksheet

Capability Assessment

Education and Outreach	Yes/ No	1. Describe program/organization and how relates to disaster resilience and mitigation. 2. Could the program/organization help implement future mitigation activities?
Firewise Communities Certification	No	
Tree City USA	No	
Public-private partnership initiatives addressing disaster-related issues	No	
Other (if any)		
How can these capabilities be expanded and improved to reduce risk?		

Overall Capability	Limited/Moderate/High
Does the community have the financial resources needed to implement mitigation projects?	Limited
Does the community have the staff/expertise to implement projects?	Limited
Is there community support to implement projects?	Limited
Does the community staff have time to devote to hazard mitigation?	Limited
How can these overall capabilities be expanded and improved to reduce risk?	

Hazard Mitigation Plan Worksheet Capability Assessment

Political Capability

The local political climate must be considered in designing mitigation strategies, as it could be the most difficult hurdle to overcome in accomplishing their adoption and implementation. Hazard mitigation may not be a local priority or may conflict with or be seen as an impediment to other goals of the community.

Political Capability	1. List any examples of local political capability Guiding development away from hazard areas, restricting development within hazard areas, or enforcing development standards that go beyond minimum state or federal requirements (e.g., building codes, floodplain management)
Building Codes. Floodplains, and Ordinances	

Capability Self-Assessment

Rate the following capability areas as “limited”, “moderate”, or “high” with what you perceive to be the jurisdiction’s ability in implementing hazard mitigation activities.

Jurisdiction Represented:	Building Code, Permitting, and Inspections	Planning, Ordinances, & Regulatory Capability	Administrative & Technical Capability	Financial Capability	Education and Outreach Capability	Political Capability	Overall Capability
	Limited	Limited	Limited	Limited	Limited	Limited	Limited
What are some barriers to implementing proposed mitigation strategies?							
Funding / Staff Support							
What mechanisms could enhance or further implementation of proposed mitigation strategies?							
Funding / Staff Support							



Houston-Galveston
Area Council

Hazard Mitigation Plan Worksheet Capability Assessment

Name: BOB RAY

Title and Employer: MAYOR PRO TEM (MAYOR AFTER 5/10/23)

Jurisdiction represented: CITY OF BLAZES COUNTY

Date: 4/23/23

Amount of time worked
on this document: ONE HOUR

Please return your filled worksheet to Amanda.Ashcroft@h-gac.com

Does the plan document each jurisdiction's existing authorities, policies, programs and resources, and its ability to expand on and improve these existing policies and programs?

(Requirement §201.6(c)(3))



Houston-Galveston
Area Council

Hazard Mitigation Plan Worksheet Capability Assessment

Building Code, Permitting, and Inspections	Yes/ No	1. Are codes adequately enforced?
Building Code	NO	Version/Year:
Building Code Effectiveness Grading Schedule (BCEGS)		Score:
Fire department ISO rating		Rating:
Site plan review requirements	YES	
Other (if any)		

Planning, Ordinances, & Regulatory Capability	Yes/ No	1. Is the plan/ordinance an effective measure for reducing hazard impacts? 2. Is the ordinance adequately administered and enforced?
Capital Improvements Plan (Regulates infrastructure in hazard areas)	YES	FLOOD PLAIN MANAGEMENT
Comprehensive Plan	NO	
Continuity of Operations Plan	NO	
Disaster Recovery Plan	NO	
Economic Development Plan	NO	
Emergency Operations Plan	NO	
Floodplain Management Plan	YES	
Hazard Mitigation Plan	YES	
Radiological Emergency Plan	NO	
Regional Planning	YES	HGAC
SARA Title III Emergency Response Plan	NO	
Stormwater Management Plan	NO	
Transportation Plan	NO	
Zoning Ordinance	NO	



Houston-Galveston
Area Council

Hazard Mitigation Plan Worksheet Capability Assessment

Planning, Ordinances, & Regulatory Capability	Yes/ No	1. Is the plan/ordinance an effective measure for reducing hazard impacts? 2. Is the ordinance adequately administered and enforced?
Subdivision Regulation/Ordinance	YES	Ho *
Flood Damage Prevention Ordinance	NO	
Floodplain Ordinance	YES	
Natural hazard specific ordinance (Stormwater, wildfire, etc.)	NO	
National Flood Insurance Program	YES	
Flood insurance rate maps		
Community Rating System		
Acquisition of land for open space and public recreation uses	NO	
Other (if any)		
How can these capabilities be expanded and improved to reduce risk?		



Hazard Mitigation Plan Worksheet Capability Assessment

Administrative & Technical Capability

Identify whether your community has the following administrative and technical capabilities. These include staff and their skills and tools that can be used for mitigation planning and to implement specific mitigation actions. For smaller jurisdictions without local staff resources, if there are public resources at the next higher-level government that can provide technical assistance, indicate so in your comments.

Administration	Yes/ No	1. Describe capability. 2. Is coordination effective?
Planning Commission	NO	
Planning Committee	NO	
Maintenance programs to reduce risk (e.g., tree trimming, clearing drainage systems)	YES	AS REQUIRED
Mutual aid agreement(s)	YES	COUNTY PERMIT 4

Staff	Yes/ No FT/ PT ¹	1. Is staffing adequate to enforce regulations? 2. Is staff trained on hazards and mitigation? 3. Is coordination between agencies and staff effective?
Chief Building Official	Yes <input type="radio"/> No <input type="radio"/> FT <input checked="" type="radio"/> PT <input checked="" type="radio"/>	MAYOR 1. YES 2. YES 3. YES
Civil Engineer	Yes <input type="radio"/> No <input checked="" type="radio"/> FT <input checked="" type="radio"/> PT <input type="radio"/>	
Community Planner	Yes <input type="radio"/> No <input checked="" type="radio"/> FT <input checked="" type="radio"/> PT <input type="radio"/>	
Emergency Management	Yes <input type="radio"/> No <input checked="" type="radio"/> FT <input checked="" type="radio"/> PT <input type="radio"/>	
Floodplain Administrator	Yes <input type="radio"/> No <input checked="" type="radio"/> FT <input checked="" type="radio"/> PT <input type="radio"/>	
GIS Coordinator	Yes <input type="radio"/> No <input checked="" type="radio"/> FT <input checked="" type="radio"/> PT <input type="radio"/>	

¹ Full-time (FT) or part-time (PT) position



Houston-Galveston Area Council

Hazard Mitigation Plan Worksheet Capability Assessment

Staff	Yes/ No FT/ PT ¹	1. Is staffing adequate to enforce regulations? 2. Is staff trained on hazards and mitigation? 3. Is coordination between agencies and staff effective?
Grant Manager	Yes <input type="radio"/> No <input checked="" type="radio"/> FT <input checked="" type="radio"/> PT <input type="radio"/>	
Local Staff who can assess community's vulnerability to hazards	Yes <input checked="" type="radio"/> No <input type="radio"/> FT <input checked="" type="radio"/> PT <input checked="" type="radio"/>	
Other (if any)		

Technical	Yes/ No	1. Describe capability. 2. Has capability been used to assess/mitigate risk in the past?
Warning systems/services (Reverse 911, outdoor warning signals)	Yes	1- Ro Bo call 2- Yes
Hazard data and information	NO	
Grant writing	NO	
HAZUS Analysis	NO	
Other (if any)		

How can these capabilities be expanded and improved to reduce risk?

¹ Full-time (FT) or part-time (PT) position



Houston-Calveston
Area Council

Hazard Mitigation Plan Worksheet

Capability Assessment

Financial Capability

Identify whether your jurisdiction has access to or is eligible to use the below funding resources for hazard mitigation.

Financial	Access/ Eligibility (Yes/ No)	1. Has the funding resource been used in past and for what type of activities? 2. Could the resource be used to fund future mitigation actions?
Authority to levy Taxes for specific purposes (Such as mitigation projects)		
Capital Improvement Plan/ 1- & 5-Year plan		
Capital improvements project funding		
Community Development Block Grant	NO	
Applied for grants in the past	NO	
Awarded a grant in the past	NO	
Gas/Electric Service Fees	YES	CENTER POINT FEE FOR POLE ENFORCEMENTS
Stormwater Service Fees	NO	
Water/Sewer Service Fees	YES	WATER SYSTEM BILLS NO SEWER SERVICE
Development Impact Fees	NO	
Incur debt through General Obligation Revenue or Special Tax Bonds	YES	ONCE FOR ROAD IMPROVEMENTS
Incur debt through private activities	NO	
Other federal funding programs	NO YES	COVID RELIEF FUNDS
State funding programs	NO	
Other (if any)		
How can these capabilities be expanded and improved to reduce risk?		



Houston-Galveston
Area Council

Hazard Mitigation Plan Worksheet Capability Assessment

Education and Outreach Capability

Identify education and outreach programs and methods already in place that could be used to implement mitigation activities and communicate hazard-related information.

Education and Outreach	Yes/ No	1. Describe program/organization and how it relates to disaster resilience and mitigation. 2. Could the program/organization help implement future mitigation activities?
Local citizen groups or non-profit organizations focused on environmental protection, emergency preparedness, access, and functional needs populations, etc. (Ex. CERT Teams, Red Cross)	NO	
Ongoing public education or information program (e.g., responsible water use, fire safety, household preparedness, environmental education)	NO	
Natural Disaster or Safety related school programs	NO	
Storm Ready Certification	NO	
Other (if any)		
How can these capabilities be expanded and improved to reduce risk?		



Houston-Galveston
Area Council

Hazard Mitigation Plan Worksheet Capability Assessment

Education and Outreach	Yes/ No	1. Describe program/organization and how relates to disaster resilience and mitigation. 2. Could the program/organization help implement future mitigation activities?
Firewise Communities Certification	NO	
Tree City USA	NO	
Public-private partnership initiatives addressing disaster-related issues	NO	
Other (if any)		
How can these capabilities be expanded and improved to reduce risk?		

Overall Capability	Limited/Moderate/High
Does the community have the financial resources needed to implement mitigation projects?	LIMITED
Does the community have the staff/expertise to implement projects?	LIMITED
Is there community support to implement projects?	LIMITED
Does the community staff have time to devote to hazard mitigation?	LIMITED
How can these overall capabilities be expanded and improved to reduce risk?	



Houston-Galveston
Area Council

Hazard Mitigation Plan Worksheet Capability Assessment

Political Capability

The local political climate must be considered in designing mitigation strategies, as it could be the most difficult hurdle to overcome in accomplishing their adoption and implementation. Hazard mitigation may not be a local priority or may conflict with or be seen as an impediment to other goals of the community.

Political Capability	<p>1. List any examples of local political capability Guiding development away from hazard areas, restricting development within hazard areas, or enforcing development standards that go beyond minimum state or federal requirements (e.g., building codes, floodplain management)</p>
<p><i>FLOOD PLAIN MANAGEMENT</i></p>	

Capability Self-Assessment

Rate the following capability areas as "limited", "moderate", or "high" with what you perceive to be the jurisdiction's ability in implementing hazard mitigation activities.

Jurisdiction Represented:	Building Code, Permitting, and Inspections	Planning, Ordinances, & Regulatory Capability	Administrative & Technical Capability	Financial Capability	Education and Outreach Capability	Political Capability	Overall Capability
<i>BRASS COUNTY</i>	<i>LIMITED</i>	<i>LIMITED</i>	<i>LIMITED</i>	<i>LIMITED</i>	<i>LIMITED</i>	<i>LIMITED</i>	<i>LIMITED</i>
What are some barriers to implementing proposed mitigation strategies?							
What mechanisms could enhance or further implementation of proposed mitigation strategies?							



Houston-Galveston
Area Council

Hazard Mitigation Plan Worksheet Capability Assessment

Name: Scott C. Rogers

Title and Employer: Superintendent / Brazos Independent School District

Jurisdiction represented: Brazos Independent School District

Date: 2/14/24

Amount of time worked
on this document: _____

Please return your filled worksheet to Amanda.Ashcroft@h-gac.com

Does the plan document each jurisdiction's existing authorities, policies, programs and resources, and its ability to expand on and improve these existing policies and programs?

(Requirement §201.6(c)(3))



Houston-Galveston
Area Council

Hazard Mitigation Plan Worksheet

Capability Assessment

Building Code, Permitting, and Inspections	Yes/ No	1. Are codes adequately enforced?
Building Code	No	Version/Year:
Building Code Effectiveness Grading Schedule (BCEGS)	No	Score:
Fire department ISO rating	Yes	Rating: 6
Site plan review requirements	Yes	Site Plans In-House Audit
Other (if any)		

Planning, Ordinances, & Regulatory Capability	Yes/ No	1. Is the plan/ordinance an effective measure for reducing hazard impacts? 2. Is the ordinance adequately administered and enforced?
Capital Improvements Plan (Regulates infrastructure in hazard areas)	Yes	TEA
Comprehensive Plan	Yes	District Administration
Continuity of Operations Plan	Yes	District Administration
Disaster Recovery Plan	Yes	District Administration
Economic Development Plan	No	
Emergency Operations Plan	Yes	District Administration / TEA
Floodplain Management Plan	No	
Hazard Mitigation Plan	Yes	District Administration / TEA
Radiological Emergency Plan	No	
Regional Planning	No	
SARA Title III Emergency Response Plan	Yes	District Administration / TEA
Stormwater Management Plan	No	
Transportation Plan	Yes	District Administration / TEA
Zoning Ordinance	No	



Houston-Galveston
Area Council

Hazard Mitigation Plan Worksheet

Capability Assessment

Planning, Ordinances, & Regulatory Capability	Yes/ No	1. Is the plan/ordinance an effective measure for reducing hazard impacts? 2. Is the ordinance adequately administered and enforced?
Subdivision Regulation/Ordinance	No	
Flood Damage Prevention Ordinance	No	
Floodplain Ordinance	No	
Natural hazard specific ordinance (Stormwater, wildfire, etc.)	No	
National Flood Insurance Program	Yes	County Plan
Flood insurance rate maps	No	
Community Rating System	No	
Acquisition of land for open space and public recreation uses	No	
Other (if any)		
How can these capabilities be expanded and improved to reduce risk?		



Hazard Mitigation Plan Worksheet Capability Assessment

Administrative & Technical Capability

Identify whether your community has the following administrative and technical capabilities. These include staff and their skills and tools that can be used for mitigation planning and to implement specific mitigation actions. For smaller jurisdictions without local staff resources, if there are public resources at the next higher-level government that can provide technical assistance, indicate so in your comments.

Administration	Yes/ No	1. Describe capability. 2. Is coordination effective?
Planning Commission	No	
Planning Committee	Yes	District Administration
Maintenance programs to reduce risk (e.g., tree trimming, clearing drainage systems)	Yes	
Mutual aid agreement(s)	No	

Staff	Yes/ No FT/ PT ¹	1. Is staffing adequate to enforce regulations? 2. Is staff trained on hazards and mitigation? 3. Is coordination between agencies and staff effective?
Chief Building Official	Yes <input checked="" type="radio"/> No <input type="radio"/> FT <input checked="" type="radio"/> PT <input type="radio"/>	Campus principal
Civil Engineer	Yes <input type="radio"/> No <input checked="" type="radio"/> FT <input checked="" type="radio"/> PT <input type="radio"/>	
Community Planner	Yes <input type="radio"/> No <input checked="" type="radio"/> FT <input checked="" type="radio"/> PT <input type="radio"/>	
Emergency Management	Yes <input checked="" type="radio"/> No <input type="radio"/> FT <input checked="" type="radio"/> PT <input type="radio"/>	Superintendent and Chief Building Official
Floodplain Administrator	Yes <input type="radio"/> No <input checked="" type="radio"/> FT <input checked="" type="radio"/> PT <input type="radio"/>	
GIS Coordinator	Yes <input type="radio"/> No <input checked="" type="radio"/> FT <input checked="" type="radio"/> PT <input type="radio"/>	

¹ Full-time (FT) or part-time (PT) position



Houston-Galveston
Area Council

Hazard Mitigation Plan Worksheet

Capability Assessment

Staff	Yes/ No FT/ PT ¹	1. Is staffing adequate to enforce regulations? 2. Is staff trained on hazards and mitigation? 3. Is coordination between agencies and staff effective?
Grant Manager	Yes <input checked="" type="radio"/> No <input type="radio"/> FT <input checked="" type="radio"/> PT <input type="radio"/>	Director Curriculum and Instruction / Terra Sessler
Local Staff who can assess community's vulnerability to hazards	Yes <input checked="" type="radio"/> No <input type="radio"/> FT <input checked="" type="radio"/> PT <input type="radio"/>	Superintendent and Chief Building Official
Other (if any)		

Technical	Yes/ No	1. Describe capability. 2. Has capability been used to assess/mitigate risk in the past?
Warning systems/services (Reverse 911, outdoor warning signals)	Yes	Rapture
Hazard data and information	Yes	Maintenance Supervisor
Grant writing	Yes	
HAZUS Analysis	No	
Other (if any)	No	

How can these capabilities be expanded and improved to reduce risk?

¹ Full-time (FT) or part-time (PT) position

Hazard Mitigation Plan Worksheet

Capability Assessment

Financial Capability

Identify whether your jurisdiction has access to or is eligible to use the below funding resources for hazard mitigation.

Financial	Access/ Eligibility (Yes/ No)	1. Has the funding resource been used in past and for what type of activities? 2. Could the resource be used to fund future mitigation actions?
Authority to levy Taxes for specific purposes (Such as mitigation projects)	Yes	
Capital Improvement Plan/ 1- & 5-Year plan	Yes	
Capital improvements project funding	No	
Community Development Block Grant	No	
Applied for grants in the past	Yes	School Safety Grant
Awarded a grant in the past	Yes	School Safety Grant
Gas/Electric Service Fees	No	
Stormwater Service Fees	No	
Water/Sewer Service Fees	No	
Development Impact Fees	No	
Incur debt through General Obligation Revenue or Special Tax Bonds	Yes	Capital Improvements
Incur debt through private activities	No	
Other federal funding programs	Yes	Title 1 Funding
State funding programs	Yes	State Foundation Program
Other (if any)	No	
How can these capabilities be expanded and improved to reduce risk?		



Houston-Galveston
Area Council

Hazard Mitigation Plan Worksheet Capability Assessment

Education and Outreach Capability

Identify education and outreach programs and methods already in place that could be used to implement mitigation activities and communicate hazard-related information.

Education and Outreach	Yes/ No	1. Describe program/organization and how it relates to disaster resilience and mitigation. 2. Could the program/organization help implement future mitigation activities?
Local citizen groups or non-profit organizations focused on environmental protection, emergency preparedness, access, and functional needs populations, etc. (Ex. CERT Teams, Red Cross)	No	
Ongoing public education or information program (e.g., responsible water use, fire safety, household preparedness, environmental education)	No	
Natural Disaster or Safety related school programs	Yes	Texas School Safety Center
Storm Ready Certification	No	
Other (if any)		
How can these capabilities be expanded and improved to reduce risk?		



Houston-Galveston
Area Council

Hazard Mitigation Plan Worksheet

Capability Assessment

Education and Outreach	Yes/ No	1. Describe program/organization and how relates to disaster resilience and mitigation. 2. Could the program/organization help implement future mitigation activities?
Firewise Communities Certification	No	
Tree City USA	No	
Public-private partnership initiatives addressing disaster-related issues	Yes	HSEEP, LEPC, and Emergency Management exercises and training
Other (if any)		
How can these capabilities be expanded and improved to reduce risk?		

Overall Capability	Limited/Moderate/High
Does the community have the financial resources needed to implement mitigation projects?	Limited
Does the community have the staff/expertise to implement projects?	Limited
Is there community support to implement projects?	Limited
Does the community staff have time to devote to hazard mitigation?	Limited
How can these overall capabilities be expanded and improved to reduce risk?	
Financial Support	



Houston-Galveston
Area Council

Hazard Mitigation Plan Worksheet Capability Assessment

Political Capability

The local political climate must be considered in designing mitigation strategies, as it could be the most difficult hurdle to overcome in accomplishing their adoption and implementation. Hazard mitigation may not be a local priority or may conflict with or be seen as an impediment to other goals of the community.

Political Capability	1. List any examples of local political capability Guiding development away from hazard areas, restricting development within hazard areas, or enforcing development standards that go beyond minimum state or federal requirements (e.g., building codes, floodplain management)
None	

Capability Self-Assessment

Rate the following capability areas as “limited”, “moderate”, or “high” with what you perceive to be the jurisdiction’s ability in implementing hazard mitigation activities.

Jurisdiction Represented:	Building Code, Permitting, and Inspections	Planning, Ordinances, & Regulatory Capability	Administrative & Technical Capability	Financial Capability	Education and Outreach Capability	Political Capability	Overall Capability
Brazos ISD	Limited	Limited	Limited	Limited	Limited	Limited	Limited
What are some barriers to implementing proposed mitigation strategies?							
Financial Support							
What mechanisms could enhance or further implementation of proposed mitigation strategies?							
Financial Support							



Hazard Mitigation Plan Worksheet Capability Assessment

Name: Maya Mable Meyers

Title and Employer: Mayor

Jurisdiction represented: City of Industry

Date: April 2023

Amount of time worked
on this document: 45 minutes

Please return your filled worksheet to Amanda.Ashcroft@h-gac.com

Does the plan document each jurisdiction's existing authorities, policies, programs and resources, and its ability to expand on and improve these existing policies and programs?

(Requirement §201.6(c)(3))



Houston-Galveston
Area Council

Hazard Mitigation Plan Worksheet

Capability Assessment

Building Code, Permitting, and Inspections	Yes/ No	1. Are codes adequately enforced?
Building Code	No	Version/Year:
Building Code Effectiveness Grading Schedule (BCEGS)	No	Score:
Fire department ISO rating	Yes	Rating: 8
Site plan review requirements	No	
Other (if any)		

Planning, Ordinances, & Regulatory Capability	Yes/ No	1. Is the plan/ordinance an effective measure for reducing hazard impacts? 2. Is the ordinance adequately administered and enforced?
Capital Improvements Plan (Regulates infrastructure in hazard areas)	No	
Comprehensive Plan	No	
Continuity of Operations Plan	No	
Disaster Recovery Plan	No	
Economic Development Plan	Yes	Joan Buenger President Economic Development
Emergency Operations Plan	Yes	Austin County Enforcement
Floodplain Management Plan	Yes	Austin County
Hazard Mitigation Plan	Yes	Austin County
Radiological Emergency Plan	No	
Regional Planning	No	
SARA Title III Emergency Response Plan	Yes	Austin County
Stormwater Management Plan	No	
Transportation Plan	No	
Zoning Ordinance	No	



Houston-Galveston
Area Council

Hazard Mitigation Plan Worksheet Capability Assessment

Planning, Ordinances, & Regulatory Capability	Yes/ No	1. Is the plan/ordinance an effective measure for reducing hazard impacts? 2. Is the ordinance adequately administered and enforced?
Subdivision Regulation/Ordinance	Yes	City of Industry
Flood Damage Prevention Ordinance	No	
Floodplain Ordinance	No	
Natural hazard specific ordinance (Stormwater, wildfire, etc.)	No	
National Flood Insurance Program	Yes	Austin County
Flood insurance rate maps	Yes	Austin County Enforcement
Community Rating System	No	
Acquisition of land for open space and public recreation uses	Yes	Industry City Park
Other (if any)		
How can these capabilities be expanded and improved to reduce risk?		



Hazard Mitigation Plan Worksheet Capability Assessment

Administrative & Technical Capability

Identify whether your community has the following administrative and technical capabilities. These include staff and their skills and tools that can be used for mitigation planning and to implement specific mitigation actions. For smaller jurisdictions without local staff resources, if there are public resources at the next higher-level government that can provide technical assistance, indicate so in your comments.

Administration	Yes/ No	1. Describe capability. 2. Is coordination effective?
Planning Commission	No	
Planning Committee	No	
Maintenance programs to reduce risk (e.g., tree trimming, clearing drainage systems)	Yes	City Maintenance
Mutual aid agreement(s)	Yes	County of Austin

Staff	Yes/ No FT/ PT ¹	1. Is staffing adequate to enforce regulations? 2. Is staff trained on hazards and mitigation? 3. Is coordination between agencies and staff effective?
Chief Building Official	Yes <input type="radio"/> No <input checked="" type="radio"/> FT <input checked="" type="radio"/> PT <input type="radio"/>	
Civil Engineer	Yes <input type="radio"/> No <input checked="" type="radio"/> FT <input checked="" type="radio"/> PT <input type="radio"/>	
Community Planner	Yes <input type="radio"/> No <input checked="" type="radio"/> FT <input checked="" type="radio"/> PT <input type="radio"/>	
Emergency Management	Yes <input type="radio"/> No <input checked="" type="radio"/> FT <input checked="" type="radio"/> PT <input type="radio"/>	
Floodplain Administrator	Yes <input type="radio"/> No <input checked="" type="radio"/> FT <input checked="" type="radio"/> PT <input type="radio"/>	
GIS Coordinator	Yes <input type="radio"/> No <input checked="" type="radio"/> FT <input checked="" type="radio"/> PT <input type="radio"/>	

¹ Full-time (FT) or part-time (PT) position



Houston-Galveston
Area Council

Hazard Mitigation Plan Worksheet Capability Assessment

Staff	Yes/ No FT/ PT ¹	1. Is staffing adequate to enforce regulations? 2. Is staff trained on hazards and mitigation? 3. Is coordination between agencies and staff effective?
Grant Manager	Yes <input type="radio"/> No <input checked="" type="radio"/> FT <input checked="" type="radio"/> PT <input type="radio"/>	
Local Staff who can assess community's vulnerability to hazards	Yes <input type="radio"/> No <input checked="" type="radio"/> FT <input checked="" type="radio"/> PT <input type="radio"/>	
Other (if any)		

Technical	Yes/ No	1. Describe capability. 2. Has capability been used to assess/mitigate risk in the past?
Warning systems/services (Reverse 911, outdoor warning signals)	No	
Hazard data and information	No	
Grant writing	No	
HAZUS Analysis	No	
Other (if any)	Yes	

How can these capabilities be expanded and improved to reduce risk?

¹ Full-time (FT) or part-time (PT) position

Hazard Mitigation Plan Worksheet Capability Assessment

Financial Capability

Identify whether your jurisdiction has access to or is eligible to use the below funding resources for hazard mitigation.

Financial	Access/ Eligibility (Yes/ No)	1. Has the funding resource been used in past and for what type of activities? 2. Could the resource be used to fund future mitigation actions?
Authority to levy Taxes for specific purposes (Such as mitigation projects)	No	
Capital Improvement Plan/ 1- & 5-Year plan	No	
Capital improvements project funding	No	
Community Development Block Grant	No	
Applied for grants in the past	Yes	Sewer System
Awarded a grant in the past	Yes	More 20 years ago
Gas/Electric Service Fees	No	
Stormwater Service Fees	No	
Water/Sewer Service Fees	Yes	Could be for future sewer improvements
Development Impact Fees	No	
Incur debt through General Obligation Revenue or Special Tax Bonds	No	
Incur debt through private activities	No	
Other federal funding programs	Yes	COVID Release
State funding programs	No	
Other (if any)	No	
How can these capabilities be expanded and improved to reduce risk?		



Houston-Galveston
Area Council

Hazard Mitigation Plan Worksheet Capability Assessment

Education and Outreach Capability

Identify education and outreach programs and methods already in place that could be used to implement mitigation activities and communicate hazard-related information.

Education and Outreach	Yes/ No	1. Describe program/organization and how it relates to disaster resilience and mitigation. 2. Could the program/organization help implement future mitigation activities?
Local citizen groups or non-profit organizations focused on environmental protection, emergency preparedness, access, and functional needs populations, etc. (Ex. CERT Teams, Red Cross)	Yes	Fire Department
Ongoing public education or information program (e.g., responsible water use, fire safety, household preparedness, environmental education)	No	
Natural Disaster or Safety related school programs	No	
Storm Ready Certification	No	
Other (if any)		
How can these capabilities be expanded and improved to reduce risk?		



Houston-Galveston
Area Council

Hazard Mitigation Plan Worksheet

Capability Assessment

Education and Outreach	Yes/ No	1. Describe program/organization and how relates to disaster resilience and mitigation. 2. Could the program/organization help implement future mitigation activities?
Firewise Communities Certification	No	
Tree City USA	No	
Public-private partnership initiatives addressing disaster-related issues	No	
Other (if any)		
How can these capabilities be expanded and improved to reduce risk?		

Overall Capability	Limited/Moderate/High
Does the community have the financial resources needed to implement mitigation projects?	Limited
Does the community have the staff/expertise to implement projects?	Limited
Is there community support to implement projects?	Limited
Does the community staff have time to devote to hazard mitigation?	Limited
How can these overall capabilities be expanded and improved to reduce risk?	



Houston-Galveston Area Council

Hazard Mitigation Plan Worksheet Capability Assessment

Political Capability

The local political climate must be considered in designing mitigation strategies, as it could be the most difficult hurdle to overcome in accomplishing their adoption and implementation. Hazard mitigation may not be a local priority or may conflict with or be seen as an impediment to other goals of the community.

Political Capability	1. List any examples of local political capability Guiding development away from hazard areas, restricting development within hazard areas, or enforcing development standards that go beyond minimum state or federal requirements (e.g., building codes, floodplain management)
Flood Management and Building	

Capability Self-Assessment

Rate the following capability areas as “limited”, “moderate”, or “high” with what you perceive to be the jurisdiction’s ability in implementing hazard mitigation activities.

Jurisdiction Represented:	Building Code, Permitting, and Inspections	Planning, Ordinances, & Regulatory Capability	Administrative & Technical Capability	Financial Capability	Education and Outreach Capability	Political Capability	Overall Capability
Industry	Limited	Limited	Limited	Limited	Limited	Limited	Limited
What are some barriers to implementing proposed mitigation strategies?							
Financing and full time staff							
What mechanisms could enhance or further implementation of proposed mitigation strategies?							
Full time Internal and external support							



Hazard Mitigation Plan Worksheet Capability Assessment

Name: Sue Foley

Title and Employer: City Secretary

Jurisdiction represented: Town of San Felipe

Date: 05/2023

Amount of time worked
on this document: 45 minutes

Please return your filled worksheet to Amanda.Ashcroft@h-gac.com

Does the plan document each jurisdiction's existing authorities, policies, programs and resources, and its ability to expand on and improve these existing policies and programs?

(Requirement §201.6(c)(3))



Houston-Galveston
Area Council

Hazard Mitigation Plan Worksheet

Capability Assessment

Building Code, Permitting, and Inspections	Yes/ No	1. Are codes adequately enforced?
Building Code	Yes	Version/Year: International Building Code
Building Code Effectiveness Grading Schedule (BCEGS)	No	Score:
Fire department ISO rating	Yes	Rating:
Site plan review requirements	Yes	City Engineer / Llarance Turner
Other (if any)		

Planning, Ordinances, & Regulatory Capability	Yes/ No	1. Is the plan/ordinance an effective measure for reducing hazard impacts? 2. Is the ordinance adequately administered and enforced?
Capital Improvements Plan (Regulates infrastructure in hazard areas)	No	
Comprehensive Plan	No	
Continuity of Operations Plan	No	
Disaster Recovery Plan	No	
Economic Development Plan	No	
Emergency Operations Plan	Yes	Austin County Enforcement
Floodplain Management Plan	Yes	Mayor
Hazard Mitigation Plan	Yes	Austin County
Radiological Emergency Plan	No	
Regional Planning	No	
SARA Title III Emergency Response Plan	Yes	Austin County
Stormwater Management Plan	No	
Transportation Plan	No	
Zoning Ordinance	No	



Houston-Galveston
Area Council

Hazard Mitigation Plan Worksheet

Capability Assessment

Planning, Ordinances, & Regulatory Capability	Yes/ No	1. Is the plan/ordinance an effective measure for reducing hazard impacts? 2. Is the ordinance adequately administered and enforced?
Subdivision Regulation/Ordinance	Yes	City Council
Flood Damage Prevention Ordinance	Yes	
Floodplain Ordinance	Yes	
Natural hazard specific ordinance (Stormwater, wildfire, etc.)	No	
National Flood Insurance Program	Yes	Austin County
Flood insurance rate maps	Yes	Austin County Enforcement
Community Rating System	No	
Acquisition of land for open space and public recreation uses	Yes	City Parks
Other (if any)		
How can these capabilities be expanded and improved to reduce risk?		



Hazard Mitigation Plan Worksheet Capability Assessment

Administrative & Technical Capability

Identify whether your community has the following administrative and technical capabilities. These include staff and their skills and tools that can be used for mitigation planning and to implement specific mitigation actions. For smaller jurisdictions without local staff resources, if there are public resources at the next higher-level government that can provide technical assistance, indicate so in your comments.

Administration	Yes/ No	1. Describe capability. 2. Is coordination effective?
Planning Commission	No	
Planning Committee	No	
Maintenance programs to reduce risk (e.g., tree trimming, clearing drainage systems)	Yes	City Maintenance
Mutual aid agreement(s)	Yes	County of Austin

Staff	Yes/ No FT/ PT ¹	1. Is staffing adequate to enforce regulations? 2. Is staff trained on hazards and mitigation? 3. Is coordination between agencies and staff effective?
Chief Building Official	Yes <input type="radio"/> No <input checked="" type="radio"/> FT <input checked="" type="radio"/> PT <input type="radio"/>	
Civil Engineer	Yes <input checked="" type="radio"/> No <input type="radio"/> FT <input type="radio"/> PT <input checked="" type="radio"/>	City Engineer / Llarance Turner
Community Planner	Yes <input type="radio"/> No <input checked="" type="radio"/> FT <input checked="" type="radio"/> PT <input type="radio"/>	
Emergency Management	Yes <input checked="" type="radio"/> No <input type="radio"/> FT <input type="radio"/> PT <input checked="" type="radio"/>	Austin County
Floodplain Administrator	Yes <input checked="" type="radio"/> No <input type="radio"/> FT <input type="radio"/> PT <input checked="" type="radio"/>	Mayor
GIS Coordinator	Yes <input type="radio"/> No <input checked="" type="radio"/> FT <input checked="" type="radio"/> PT <input type="radio"/>	

¹ Full-time (FT) or part-time (PT) position



Houston-Galveston
Area Council

Hazard Mitigation Plan Worksheet

Capability Assessment

Staff	Yes/ No FT/ PT ¹	1. Is staffing adequate to enforce regulations? 2. Is staff trained on hazards and mitigation? 3. Is coordination between agencies and staff effective?
Grant Manager	Yes <input checked="" type="radio"/> No <input type="radio"/> FT <input checked="" type="radio"/> PT <input type="radio"/>	Sue Foley / Grant Works
Local Staff who can assess community's vulnerability to hazards	Yes <input type="radio"/> No <input checked="" type="radio"/> FT <input checked="" type="radio"/> PT <input type="radio"/>	
Other (if any)		

Technical	Yes/ No	1. Describe capability. 2. Has capability been used to assess/mitigate risk in the past?
Warning systems/services (Reverse 911, outdoor warning signals)	No	Blackboard Connect
Hazard data and information	No	
Grant writing	Yes	Sue Foley / Grant Works
HAZUS Analysis	Yes	Hazard Mitigation 2018 / 2024 update
Other (if any)	No	

How can these capabilities be expanded and improved to reduce risk?

¹ Full-time (FT) or part-time (PT) position

Hazard Mitigation Plan Worksheet Capability Assessment

Financial Capability

Identify whether your jurisdiction has access to or is eligible to use the below funding resources for hazard mitigation.

Financial	Access/ Eligibility (Yes/ No)	1. Has the funding resource been used in past and for what type of activities? 2. Could the resource be used to fund future mitigation actions?
Authority to levy Taxes for specific purposes (Such as mitigation projects)	No	
Capital Improvement Plan/ 1- & 5-Year plan	No	
Capital improvements project funding	No	
Community Development Block Grant	Yes	Infrastructure
Applied for grants in the past	Yes	CDBG - Fund / CDBG - Mit
Awarded a grant in the past	Yes	CDBG - Fund / CDBG - Mit
Gas/Electric Service Fees	No	
Stormwater Service Fees	No	
Water/Sewer Service Fees	No	
Development Impact Fees	No	
Incur debt through General Obligation Revenue or Special Tax Bonds	Yes	Community Center
Incur debt through private activities	No	
Other federal funding programs	Yes	COVID Release
State funding programs	No	
Other (if any)	No	
How can these capabilities be expanded and improved to reduce risk?		



Houston-Galveston
Area Council

Hazard Mitigation Plan Worksheet Capability Assessment

Education and Outreach Capability

Identify education and outreach programs and methods already in place that could be used to implement mitigation activities and communicate hazard-related information.

Education and Outreach	Yes/ No	1. Describe program/organization and how it relates to disaster resilience and mitigation. 2. Could the program/organization help implement future mitigation activities?
Local citizen groups or non-profit organizations focused on environmental protection, emergency preparedness, access, and functional needs populations, etc. (Ex. CERT Teams, Red Cross)	Yes	Fire Department
Ongoing public education or information program (e.g., responsible water use, fire safety, household preparedness, environmental education)	No	
Natural Disaster or Safety related school programs	No	
Storm Ready Certification	No	
Other (if any)		
How can these capabilities be expanded and improved to reduce risk?		



Houston-Galveston
Area Council

Hazard Mitigation Plan Worksheet

Capability Assessment

Education and Outreach	Yes/ No	1. Describe program/organization and how relates to disaster resilience and mitigation. 2. Could the program/organization help implement future mitigation activities?
Firewise Communities Certification	No	
Tree City USA	No	
Public-private partnership initiatives addressing disaster-related issues	No	
Other (if any)		
How can these capabilities be expanded and improved to reduce risk?		

Overall Capability	Limited/Moderate/High
Does the community have the financial resources needed to implement mitigation projects?	Limited
Does the community have the staff/expertise to implement projects?	Limited
Is there community support to implement projects?	Limited
Does the community staff have time to devote to hazard mitigation?	Limited
How can these overall capabilities be expanded and improved to reduce risk?	
Financing and full time staff	



Houston-Galveston
Area Council

Hazard Mitigation Plan Worksheet Capability Assessment

Political Capability

The local political climate must be considered in designing mitigation strategies, as it could be the most difficult hurdle to overcome in accomplishing their adoption and implementation. Hazard mitigation may not be a local priority or may conflict with or be seen as an impediment to other goals of the community.

Political Capability	1. List any examples of local political capability Guiding development away from hazard areas, restricting development within hazard areas, or enforcing development standards that go beyond minimum state or federal requirements (e.g., building codes, floodplain management)
Flood Management and Building Codes	

Capability Self-Assessment

Rate the following capability areas as “limited”, “moderate”, or “high” with what you perceive to be the jurisdiction’s ability in implementing hazard mitigation activities.

Jurisdiction Represented:	Building Code, Permitting, and Inspections	Planning, Ordinances, & Regulatory Capability	Administrative & Technical Capability	Financial Capability	Education and Outreach Capability	Political Capability	Overall Capability
San Felipe	Limited	Limited	Limited	Limited	Limited	Limited	Limited
What are some barriers to implementing proposed mitigation strategies?							
Financing and full time staff							
What mechanisms could enhance or further implementation of proposed mitigation strategies?							
Full time Internal and external support							

Hazard Mitigation Plan Worksheet Capability Assessment

Name: Shawn Hiatt

Title and Employer: HR / Operations

Jurisdiction represented: Sealy Independent School District

Date: 02/2024

Amount of time worked
on this document: 45 minutes

Please return your filled worksheet to Amanda.Ashcroft@h-gac.com

Does the plan document each jurisdiction's existing authorities, policies, programs and resources, and its ability to expand on and improve these existing policies and programs?

(Requirement §201.6(c)(3))



Houston-Galveston
Area Council

Hazard Mitigation Plan Worksheet

Capability Assessment

Building Code, Permitting, and Inspections	Yes/ No	1. Are codes adequately enforced?
Building Code	Yes	Version/Year: TEA
Building Code Effectiveness Grading Schedule (BCEGS)	No	Score:
Fire department ISO rating	Yes	Rating: 1
Site plan review requirements	Yes	Site Plans In-House Audit
Other (if any)		

Planning, Ordinances, & Regulatory Capability	Yes/ No	1. Is the plan/ordinance an effective measure for reducing hazard impacts? 2. Is the ordinance adequately administered and enforced?
Capital Improvements Plan (Regulates infrastructure in hazard areas)	Yes	In-House Audit
Comprehensive Plan	Yes	In-House Audit
Continuity of Operations Plan	Yes	In-House Audit / TEA
Disaster Recovery Plan	Yes	District Administration / TEA
Economic Development Plan	No	
Emergency Operations Plan	Yes	Austin County Enforcement
Floodplain Management Plan	Yes	District Administration / TEA
Hazard Mitigation Plan	Yes	District Administration / TEA
Radiological Emergency Plan	No	
Regional Planning	No	
SARA Title III Emergency Response Plan	Yes	District Administration / TEA
Stormwater Management Plan	No	
Transportation Plan	Yes	District Administration / TEA
Zoning Ordinance	No	



Houston-Galveston
Area Council

Hazard Mitigation Plan Worksheet

Capability Assessment

Planning, Ordinances, & Regulatory Capability	Yes/ No	1. Is the plan/ordinance an effective measure for reducing hazard impacts? 2. Is the ordinance adequately administered and enforced?
Subdivision Regulation/Ordinance	No	
Flood Damage Prevention Ordinance	No	
Floodplain Ordinance	No	
Natural hazard specific ordinance (Stormwater, wildfire, etc.)	No	
National Flood Insurance Program	Yes	Austin County
Flood insurance rate maps	Yes	Austin County Enforcement
Community Rating System	No	
Acquisition of land for open space and public recreation uses	No	
Other (if any)		
How can these capabilities be expanded and improved to reduce risk?		



Hazard Mitigation Plan Worksheet Capability Assessment

Administrative & Technical Capability

Identify whether your community has the following administrative and technical capabilities. These include staff and their skills and tools that can be used for mitigation planning and to implement specific mitigation actions. For smaller jurisdictions without local staff resources, if there are public resources at the next higher-level government that can provide technical assistance, indicate so in your comments.

Administration	Yes/ No	1. Describe capability. 2. Is coordination effective?
Planning Commission	No	
Planning Committee	Yes	District Administration
Maintenance programs to reduce risk (e.g., tree trimming, clearing drainage systems)	Yes	
Mutual aid agreement(s)	No	

Staff	Yes/ No FT/ PT ¹	1. Is staffing adequate to enforce regulations? 2. Is staff trained on hazards and mitigation? 3. Is coordination between agencies and staff effective?
Chief Building Official	Yes <input checked="" type="radio"/> No <input type="radio"/> FT <input checked="" type="radio"/> PT <input type="radio"/>	Shawn Hiatt & Campus principal
Civil Engineer	Yes <input type="radio"/> No <input checked="" type="radio"/> FT <input checked="" type="radio"/> PT <input type="radio"/>	
Community Planner	Yes <input checked="" type="radio"/> No <input type="radio"/> FT <input checked="" type="radio"/> PT <input type="radio"/>	Staff personnel
Emergency Management	Yes <input checked="" type="radio"/> No <input type="radio"/> FT <input checked="" type="radio"/> PT <input type="radio"/>	
Floodplain Administrator	Yes <input type="radio"/> No <input checked="" type="radio"/> FT <input checked="" type="radio"/> PT <input type="radio"/>	
GIS Coordinator	Yes <input type="radio"/> No <input checked="" type="radio"/> FT <input checked="" type="radio"/> PT <input type="radio"/>	

¹ Full-time (FT) or part-time (PT) position



Houston-Galveston
Area Council

Hazard Mitigation Plan Worksheet

Capability Assessment

Staff	Yes/ No FT/ PT ¹	1. Is staffing adequate to enforce regulations? 2. Is staff trained on hazards and mitigation? 3. Is coordination between agencies and staff effective?
Grant Manager	Yes <input checked="" type="radio"/> No <input type="radio"/> FT <input checked="" type="radio"/> PT <input type="radio"/>	Director of Special Programs
Local Staff who can assess community's vulnerability to hazards	Yes <input checked="" type="radio"/> No <input type="radio"/> FT <input checked="" type="radio"/> PT <input type="radio"/>	Maintenance Facility Director
Other (if any)		

Technical	Yes/ No	1. Describe capability. 2. Has capability been used to assess/mitigate risk in the past?
Warning systems/services (Reverse 911, outdoor warning signals)	Yes	Rapture & Intrado
Hazard data and information	Yes	Maintenance Supervisor
Grant writing	Yes	Director of Special Programs
HAZUS Analysis	No	
Other (if any)	Yes	

How can these capabilities be expanded and improved to reduce risk?

¹ Full-time (FT) or part-time (PT) position

Hazard Mitigation Plan Worksheet Capability Assessment

Financial Capability

Identify whether your jurisdiction has access to or is eligible to use the below funding resources for hazard mitigation.

Financial	Access/ Eligibility (Yes/ No)	1. Has the funding resource been used in past and for what type of activities? 2. Could the resource be used to fund future mitigation actions?
Authority to levy Taxes for specific purposes (Such as mitigation projects)	Yes	
Capital Improvement Plan/ 1- & 5-Year plan	Yes	
Capital improvements project funding	Yes	
Community Development Block Grant	No	
Applied for grants in the past	Yes	Numerous / Security
Awarded a grant in the past	Yes	Numerous / Security
Gas/Electric Service Fees	No	
Stormwater Service Fees	No	
Water/Sewer Service Fees	No	
Development Impact Fees	No	
Incur debt through General Obligation Revenue or Special Tax Bonds	No	
Incur debt through private activities	No	
Other federal funding programs	Yes	Title 1 Funding
State funding programs	Yes	State Foundation Program
Other (if any)	No	
How can these capabilities be expanded and improved to reduce risk?		



Houston-Galveston
Area Council

Hazard Mitigation Plan Worksheet Capability Assessment

Education and Outreach Capability

Identify education and outreach programs and methods already in place that could be used to implement mitigation activities and communicate hazard-related information.

Education and Outreach	Yes/ No	1. Describe program/organization and how it relates to disaster resilience and mitigation. 2. Could the program/organization help implement future mitigation activities?
Local citizen groups or non-profit organizations focused on environmental protection, emergency preparedness, access, and functional needs populations, etc. (Ex. CERT Teams, Red Cross)	No	
Ongoing public education or information program (e.g., responsible water use, fire safety, household preparedness, environmental education)	Yes	Regular young adult classes
Natural Disaster or Safety related school programs	Yes	Texas School Safety Center
Storm Ready Certification	No	
Other (if any)		
How can these capabilities be expanded and improved to reduce risk?		



Houston-Galveston
Area Council

Hazard Mitigation Plan Worksheet

Capability Assessment

Education and Outreach	Yes/ No	1. Describe program/organization and how relates to disaster resilience and mitigation. 2. Could the program/organization help implement future mitigation activities?
Firewise Communities Certification	No	
Tree City USA	No	
Public-private partnership initiatives addressing disaster-related issues	Yes	HSEEP, LEPC, and Emergency Management exercises and training
Other (if any)		
How can these capabilities be expanded and improved to reduce risk?		

Overall Capability	Limited/Moderate/High
Does the community have the financial resources needed to implement mitigation projects?	Limited
Does the community have the staff/expertise to implement projects?	Limited
Is there community support to implement projects?	Limited
Does the community staff have time to devote to hazard mitigation?	Limited
How can these overall capabilities be expanded and improved to reduce risk?	
Full time Internal, external and financial support	



Houston-Galveston
Area Council

Hazard Mitigation Plan Worksheet Capability Assessment

Political Capability

The local political climate must be considered in designing mitigation strategies, as it could be the most difficult hurdle to overcome in accomplishing their adoption and implementation. Hazard mitigation may not be a local priority or may conflict with or be seen as an impediment to other goals of the community.

Political Capability	1. List any examples of local political capability Guiding development away from hazard areas, restricting development within hazard areas, or enforcing development standards that go beyond minimum state or federal requirements (e.g., building codes, floodplain management)
None	

Capability Self-Assessment

Rate the following capability areas as “limited”, “moderate”, or “high” with what you perceive to be the jurisdiction’s ability in implementing hazard mitigation activities.

Jurisdiction Represented:	Building Code, Permitting, and Inspections	Planning, Ordinances, & Regulatory Capability	Administrative & Technical Capability	Financial Capability	Education and Outreach Capability	Political Capability	Overall Capability
Sealy ISD	Limited	Limited	Limited	Limited	Limited	Limited	Limited
What are some barriers to implementing proposed mitigation strategies?							
Financial Support							
What mechanisms could enhance or further implementation of proposed mitigation strategies?							
Full time Internal, external and financial support							

Hazard Mitigation Plan Worksheet Capability Assessment

Name: Jerry Ebers

Title and Employer: City Clerk of South Frydek

Jurisdiction represented: City of South Frydek

Date: 5/10/23

Amount of time worked
on this document: 30 minutes

Please return your filled worksheet to Amanda.Ashcroft@h-gac.com

Does the plan document each jurisdiction's existing authorities, policies, programs and resources, and its ability to expand on and improve these existing policies and programs?

(Requirement §201.6(c)(3))



Houston-Galveston
Area Council

Hazard Mitigation Plan Worksheet

Capability Assessment

Building Code, Permitting, and Inspections	Yes/ No	1. Are codes adequately enforced?
Building Code	Yes <input type="checkbox"/>	Version/Year: 2019 Subdivision Ordinance
Building Code Effectiveness Grading Schedule (BCEGS)	No <input type="checkbox"/>	Score:
Fire department ISO rating	Yes <input type="checkbox"/>	Rating: 7
Site plan review requirements	No <input type="checkbox"/>	
Other (if any)		

Planning, Ordinances, & Regulatory Capability	Yes/ No	1. Is the plan/ordinance an effective measure for reducing hazard impacts? 2. Is the ordinance adequately administered and enforced?
Capital Improvements Plan (Regulates infrastructure in hazard areas)	No <input type="checkbox"/>	
Comprehensive Plan	No <input type="checkbox"/>	
Continuity of Operations Plan	No <input type="checkbox"/>	
Disaster Recovery Plan	No <input type="checkbox"/>	
Economic Development Plan	No <input type="checkbox"/>	
Emergency Operations Plan	No <input type="checkbox"/>	
Floodplain Management Plan	No <input type="checkbox"/>	
Hazard Mitigation Plan	No <input type="checkbox"/>	
Radiological Emergency Plan	No <input type="checkbox"/>	
Regional Planning	No <input type="checkbox"/>	
SARA Title III Emergency Response Plan	No <input type="checkbox"/>	
Stormwater Management Plan	No <input type="checkbox"/>	
Transportation Plan	No <input type="checkbox"/>	
Zoning Ordinance	No <input type="checkbox"/>	



Houston-Galveston
Area Council

Hazard Mitigation Plan Worksheet Capability Assessment

Administrative & Technical Capability

Identify whether your community has the following administrative and technical capabilities. These include staff and their skills and tools that can be used for mitigation planning and to implement specific mitigation actions. For smaller jurisdictions without local staff resources, if there are public resources at the next higher-level government that can provide technical assistance, indicate so in your comments.

Administration	Yes/ No	1. Describe capability. 2. Is coordination effective?
Planning Commission	No <input type="checkbox"/>	
Planning Committee	No <input type="checkbox"/>	
Maintenance programs to reduce risk (e.g., tree trimming, clearing drainage systems)	Yes <input type="checkbox"/>	Agreement with Austin County to maintain our right of ways, has been very effective.
Mutual aid agreement(s)	Yes <input type="checkbox"/>	Very effective with the Austin County Sheriff's Office and surrounding Fire Depts.

Staff	Yes/ No FT/ PT ¹	1. Is staffing adequate to enforce regulations? 2. Is staff trained on hazards and mitigation? 3. Is coordination between agencies and staff effective?
Chief Building Official	Yes <input type="radio"/> No <input type="radio"/> FT <input type="radio"/> PT <input checked="" type="radio"/>	I, the City Clerk am the named official in our ordinance. We have no other staff, and only ability to enforce is to file suit in District Court. I am a retired law enforcement officer and trained on hazards and mitigation.
Civil Engineer	Yes <input type="radio"/> No <input checked="" type="radio"/> FT <input checked="" type="radio"/> PT <input type="radio"/>	
Community Planner	Yes <input type="radio"/> No <input checked="" type="radio"/> FT <input checked="" type="radio"/> PT <input type="radio"/>	
Emergency Management	Yes <input type="radio"/> No <input checked="" type="radio"/> FT <input checked="" type="radio"/> PT <input type="radio"/>	
Floodplain Administrator	Yes <input type="radio"/> No <input checked="" type="radio"/> FT <input checked="" type="radio"/> PT <input type="radio"/>	
GIS Coordinator	Yes <input type="radio"/> No <input checked="" type="radio"/> FT <input checked="" type="radio"/> PT <input type="radio"/>	

¹ Full-time (FT) or part-time (PT) position



Houston-Galveston
Area Council

Hazard Mitigation Plan Worksheet

Capability Assessment

Staff	Yes/ No FT/ PT ¹	1. Is staffing adequate to enforce regulations? 2. Is staff trained on hazards and mitigation? 3. Is coordination between agencies and staff effective?
Grant Manager	Yes <input type="radio"/> No <input checked="" type="radio"/> FT <input checked="" type="radio"/> PT <input type="radio"/>	
Local Staff who can assess community's vulnerability to hazards	Yes <input type="radio"/> No <input checked="" type="radio"/> FT <input checked="" type="radio"/> PT <input type="radio"/>	
Other (if any)		

Technical	Yes/ No	1. Describe capability. 2. Has capability been used to assess/mitigate risk in the past?
Warning systems/services (Reverse 911, outdoor warning signals)	No <input type="button" value="v"/>	
Hazard data and information	No <input type="button" value="v"/>	
Grant writing	No <input type="button" value="v"/>	
HAZUS Analysis	No <input type="button" value="v"/>	
Other (if any)	No <input type="button" value="v"/>	

How can these capabilities be expanded and improved to reduce risk?

¹ Full-time (FT) or part-time (PT) position

Hazard Mitigation Plan Worksheet Capability Assessment

Financial Capability

Identify whether your jurisdiction has access to or is eligible to use the below funding resources for hazard mitigation.

Financial	Access/ Eligibility (Yes/ No)	1. Has the funding resource been used in past and for what type of activities? 2. Could the resource be used to fund future mitigation actions?
Authority to levy Taxes for specific purposes (Such as mitigation projects)	Yes <input type="checkbox"/>	The only tax we've levied is a 1% sales tax on home deliveries. It will fund our basic operations at best.
Capital Improvement Plan/ 1- & 5-Year plan	No <input type="checkbox"/>	
Capital improvements project funding	No <input type="checkbox"/>	
Community Development Block Grant	No <input type="checkbox"/>	
Applied for grants in the past	Yes <input type="checkbox"/>	We applied for COVID funds and were denied.
Awarded a grant in the past	No <input type="checkbox"/>	
Gas/Electric Service Fees	No <input type="checkbox"/>	
Stormwater Service Fees	No <input type="checkbox"/>	
Water/Sewer Service Fees	No <input type="checkbox"/>	
Development Impact Fees	No <input type="checkbox"/>	
Incur debt through General Obligation Revenue or Special Tax Bonds	No <input type="checkbox"/>	
Incur debt through private activities	No <input type="checkbox"/>	
Other federal funding programs	No <input type="checkbox"/>	
State funding programs	No <input type="checkbox"/>	
Other (if any)	No <input type="checkbox"/>	
How can these capabilities be expanded and improved to reduce risk?		



Houston-Galveston
Area Council

Hazard Mitigation Plan Worksheet Capability Assessment

Education and Outreach Capability

Identify education and outreach programs and methods already in place that could be used to implement mitigation activities and communicate hazard-related information.

Education and Outreach	Yes/ No	1. Describe program/organization and how it relates to disaster resilience and mitigation. 2. Could the program/organization help implement future mitigation activities?
Local citizen groups or non-profit organizations focused on environmental protection, emergency preparedness, access, and functional needs populations, etc. (Ex. CERT Teams, Red Cross)	No <input type="checkbox"/>	
Ongoing public education or information program (e.g., responsible water use, fire safety, household preparedness, environmental education)	No <input type="checkbox"/>	
Natural Disaster or Safety related school programs	No <input type="checkbox"/>	
Storm Ready Certification	No <input type="checkbox"/>	
Other (if any)		
How can these capabilities be expanded and improved to reduce risk?		



Houston-Galveston
Area Council

Hazard Mitigation Plan Worksheet Capability Assessment

Education and Outreach	Yes/ No	1. Describe program/organization and how relates to disaster resilience and mitigation. 2. Could the program/organization help implement future mitigation activities?
Firewise Communities Certification	No <input type="button" value="v"/>	
Tree City USA	No <input type="button" value="v"/>	
Public-private partnership initiatives addressing disaster-related issues	No <input type="button" value="v"/>	
Other (if any)		
How can these capabilities be expanded and improved to reduce risk?		

Overall Capability	Limited/Moderate/High
Does the community have the financial resources needed to implement mitigation projects?	Limited <input type="button" value="v"/>
Does the community have the staff/expertise to implement projects?	Limited <input type="button" value="v"/>
Is there community support to implement projects?	Limited <input type="button" value="v"/>
Does the community staff have time to devote to hazard mitigation?	Limited <input type="button" value="v"/>
How can these overall capabilities be expanded and improved to reduce risk?	



Houston-Galveston Area Council

Hazard Mitigation Plan Worksheet Capability Assessment

Political Capability

The local political climate must be considered in designing mitigation strategies, as it could be the most difficult hurdle to overcome in accomplishing their adoption and implementation. Hazard mitigation may not be a local priority or may conflict with or be seen as an impediment to other goals of the community.

Political Capability	1. List any examples of local political capability Guiding development away from hazard areas, restricting development within hazard areas, or enforcing development standards that go beyond minimum state or federal requirements (e.g., building codes, floodplain management)
None known.	

Capability Self-Assessment

Rate the following capability areas as “limited”, “moderate”, or “high” with what you perceive to be the jurisdiction’s ability in implementing hazard mitigation activities.

Jurisdiction Represented:	Building Code, Permitting, and Inspections	Planning, Ordinances, & Regulatory Capability	Administrative & Technical Capability	Financial Capability	Education and Outreach Capability	Political Capability	Overall Capability
	Limited <input type="checkbox"/>	Limited <input type="checkbox"/>	Limited <input type="checkbox"/>	Limited <input type="checkbox"/>	Limited <input type="checkbox"/>	Limited <input type="checkbox"/>	Limited <input type="checkbox"/>
What are some barriers to implementing proposed mitigation strategies?							
What mechanisms could enhance or further implementation of proposed mitigation strategies?							



Houston-Galveston
Area Council

Hazard Mitigation Plan Worksheet Capability Assessment

Name: David Moseley

Title and Employer: City Administrator

Jurisdiction represented: City of Wallis

Date: 04/23

Amount of time worked
on this document: 45 minutes

Please return your filled worksheet to Amanda.Ashcroft@h-gac.com

Does the plan document each jurisdiction's existing authorities, policies, programs and resources, and its ability to expand on and improve these existing policies and programs?

(Requirement §201.6(c)(3))



Houston-Galveston
Area Council

Hazard Mitigation Plan Worksheet

Capability Assessment

Building Code, Permitting, and Inspections	Yes/ No	1. Are codes adequately enforced?
Building Code	Yes	Version/Year: International Building Code 2015
Building Code Effectiveness Grading Schedule (BCEGS)	No	Score:
Fire department ISO rating	No	Rating: 6
Site plan review requirements	Yes	Safe Build / Code Enforcement
Other (if any)		

Planning, Ordinances, & Regulatory Capability	Yes/ No	1. Is the plan/ordinance an effective measure for reducing hazard impacts? 2. Is the ordinance adequately administered and enforced?
Capital Improvements Plan (Regulates infrastructure in hazard areas)	Yes	Grant Works / CBDG / Texas Water Development / Access Management
Comprehensive Plan	Yes	Grant Works / CBDG
Continuity of Operations Plan	No	
Disaster Recovery Plan	No	
Economic Development Plan	No	EDC
Emergency Operations Plan	Yes	Austin County
Floodplain Management Plan	No	Austin County
Hazard Mitigation Plan	Yes	
Radiological Emergency Plan	No	
Regional Planning	No	
SARA Title III Emergency Response Plan	Yes	Austin County
Stormwater Management Plan	No	
Transportation Plan	No	
Zoning Ordinance	No	



Houston-Galveston
Area Council

Hazard Mitigation Plan Worksheet

Capability Assessment

Planning, Ordinances, & Regulatory Capability	Yes/ No	1. Is the plan/ordinance an effective measure for reducing hazard impacts? 2. Is the ordinance adequately administered and enforced?
Subdivision Regulation/Ordinance	Yes	City Council / Code Enforcement
Flood Damage Prevention Ordinance	No	
Floodplain Ordinance	No	
Natural hazard specific ordinance (Stormwater, wildfire, etc.)	No	
National Flood Insurance Program	Yes	Austin County
Flood insurance rate maps	Yes	Austin County
Community Rating System	No	
Acquisition of land for open space and public recreation uses	No	City Parks (2)
Other (if any)		
How can these capabilities be expanded and improved to reduce risk?		



Houston-Galveston
Area Council

Hazard Mitigation Plan Worksheet Capability Assessment

Administrative & Technical Capability

Identify whether your community has the following administrative and technical capabilities. These include staff and their skills and tools that can be used for mitigation planning and to implement specific mitigation actions. For smaller jurisdictions without local staff resources, if there are public resources at the next higher-level government that can provide technical assistance, indicate so in your comments.

Administration	Yes/ No	1. Describe capability. 2. Is coordination effective?
Planning Commission	No	
Planning Committee	Yes	
Maintenance programs to reduce risk (e.g., tree trimming, clearing drainage systems)	Yes	Public Works
Mutual aid agreement(s)	Yes	

Staff	Yes/ No FT/ PT ¹	1. Is staffing adequate to enforce regulations? 2. Is staff trained on hazards and mitigation? 3. Is coordination between agencies and staff effective?
Chief Building Official	Yes <input checked="" type="radio"/> No <input type="radio"/> FT <input type="radio"/> PT <input checked="" type="radio"/>	Building Official / Code Enforcement
Civil Engineer	Yes <input checked="" type="radio"/> No <input type="radio"/> FT <input type="radio"/> PT <input checked="" type="radio"/>	HR Green
Community Planner	Yes <input checked="" type="radio"/> No <input type="radio"/> FT <input type="radio"/> PT <input checked="" type="radio"/>	EDC
Emergency Management	Yes <input checked="" type="radio"/> No <input type="radio"/> FT <input type="radio"/> PT <input checked="" type="radio"/>	Austin County
Floodplain Administrator	Yes <input type="radio"/> No <input checked="" type="radio"/> FT <input checked="" type="radio"/> PT <input type="radio"/>	
GIS Coordinator	Yes <input checked="" type="radio"/> No <input type="radio"/> FT <input type="radio"/> PT <input checked="" type="radio"/>	City of Wallis

¹ Full-time (FT) or part-time (PT) position



Houston-Galveston
Area Council

Hazard Mitigation Plan Worksheet

Capability Assessment

Staff	Yes/ No FT/ PT ¹	1. Is staffing adequate to enforce regulations? 2. Is staff trained on hazards and mitigation? 3. Is coordination between agencies and staff effective?
Grant Manager	Yes <input checked="" type="radio"/> No <input type="radio"/> FT <input type="radio"/> PT <input checked="" type="radio"/>	Grant Works / EDC / Marti Frost
Local Staff who can assess community's vulnerability to hazards	Yes <input checked="" type="radio"/> No <input type="radio"/> FT <input type="radio"/> PT <input checked="" type="radio"/>	Austin County
Other (if any)		

Technical	Yes/ No	1. Describe capability. 2. Has capability been used to assess/mitigate risk in the past?
Warning systems/services (Reverse 911, outdoor warning signals)	Yes	Code Red / ReGroup
Hazard data and information	Yes	Commodity Study 2023
Grant writing	No	Grant Works / EDC
HAZUS Analysis	Yes	2017 Hazard Mitigation Plan
Other (if any)	No	

How can these capabilities be expanded and improved to reduce risk?

¹ Full-time (FT) or part-time (PT) position

Hazard Mitigation Plan Worksheet

Capability Assessment

Financial Capability

Identify whether your jurisdiction has access to or is eligible to use the below funding resources for hazard mitigation.

Financial	Access/ Eligibility (Yes/ No)	1. Has the funding resource been used in past and for what type of activities? 2. Could the resource be used to fund future mitigation actions?
Authority to levy Taxes for specific purposes (Such as mitigation projects)	Yes	
Capital Improvement Plan/ 1- & 5-Year plan	Yes	2010 Plan / Sewer System
Capital improvements project funding	No	
Community Development Block Grant	Yes	
Applied for grants in the past	Yes	ADA UDA GLO Harvey Flood
Awarded a grant in the past	Yes	ADA UDA GLO Harvey Flood
Gas/Electric Service Fees	No	
Stormwater Service Fees	No	
Water/Sewer Service Fees	Yes	
Development Impact Fees	No	
Incur debt through General Obligation Revenue or Special Tax Bonds	No	
Incur debt through private activities	No	
Other federal funding programs	No	
State funding programs	No	Crime Victim Liaison
Other (if any)	No	
How can these capabilities be expanded and improved to reduce risk?		



Houston-Galveston
Area Council

Hazard Mitigation Plan Worksheet Capability Assessment

Education and Outreach Capability

Identify education and outreach programs and methods already in place that could be used to implement mitigation activities and communicate hazard-related information.

Education and Outreach	Yes/ No	1. Describe program/organization and how it relates to disaster resilience and mitigation. 2. Could the program/organization help implement future mitigation activities?
Local citizen groups or non-profit organizations focused on environmental protection, emergency preparedness, access, and functional needs populations, etc. (Ex. CERT Teams, Red Cross)	Yes	Fire Department
Ongoing public education or information program (e.g., responsible water use, fire safety, household preparedness, environmental education)	Yes	Fire Department
Natural Disaster or Safety related school programs	Yes	
Storm Ready Certification	No	
Other (if any)		
How can these capabilities be expanded and improved to reduce risk?		



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Area Council

Hazard Mitigation Plan Worksheet Capability Assessment

Education and Outreach	Yes/ No	1. Describe program/organization and how relates to disaster resilience and mitigation. 2. Could the program/organization help implement future mitigation activities?
Firewise Communities Certification	No	
Tree City USA	No	
Public-private partnership initiatives addressing disaster-related issues	Yes	Austin County
Other (if any)		
How can these capabilities be expanded and improved to reduce risk?		

Overall Capability	Limited/Moderate/High
Does the community have the financial resources needed to implement mitigation projects?	Limited
Does the community have the staff/expertise to implement projects?	Limited
Is there community support to implement projects?	Limited
Does the community staff have time to devote to hazard mitigation?	Limited
How can these overall capabilities be expanded and improved to reduce risk?	



Houston-Galveston
Area Council

Hazard Mitigation Plan Worksheet Capability Assessment

Political Capability

The local political climate must be considered in designing mitigation strategies, as it could be the most difficult hurdle to overcome in accomplishing their adoption and implementation. Hazard mitigation may not be a local priority or may conflict with or be seen as an impediment to other goals of the community.

Political Capability	1. List any examples of local political capability Guiding development away from hazard areas, restricting development within hazard areas, or enforcing development standards that go beyond minimum state or federal requirements (e.g., building codes, floodplain management)
Flood Management and Building Codes	

Capability Self-Assessment

Rate the following capability areas as “limited”, “moderate”, or “high” with what you perceive to be the jurisdiction’s ability in implementing hazard mitigation activities.

Jurisdiction Represented:	Building Code, Permitting, and Inspections	Planning, Ordinances, & Regulatory Capability	Administrative & Technical Capability	Financial Capability	Education and Outreach Capability	Political Capability	Overall Capability
City of Wallis	Limited	Limited	Limited	Limited	Limited	Limited	Limited
What are some barriers to implementing proposed mitigation strategies?							
Financing and full time staff							
What mechanisms could enhance or further implementation of proposed mitigation strategies?							
Full time Internal and external support							



Houston-Galveston
Area Council

Austin County Multi-Jurisdictional Hazard Mitigation Plan, Meeting Notes

6/21/2023

A G E N D A

1:00 PM

Welcome

Online Survey Results Recap

Timeline

H-GAC staff will discuss project timeline and next steps

Public Engagement Event Planning

H-GAC Website Updates

2:00 PM

Adjourn

A T T E N D A N C E

Name	Title	Organization
Amanda Ashcroft	H-GAC	Planner, Community & Environmental
Clay Engelbrecht	Fire Chief	City of Wallis
Sue Foley	Town Secretary	City of San Felipe
Shannon Hanath	Precincts Administrative Assistant	Austin County
Kimbra Hill	City Manager	City of Sealy
Roy Mercer	Austin County OEM	Emergency Management Coordinator
Cheryl Mergo	H-GAC	Senior Manager, Community & Environmental
Maya Mable Meyers	Mayor	City of Industry



Austin County Multi-Jurisdictional Hazard Mitigation Plan, Meeting Notes

6/21/2023

MEETING NOTES

Online Survey Results Recap

H-GAC staff summarized and presented survey responses from the public hazard mitigation survey available online. There were over 100 responses from Walker County residents. A copy of the survey results will be included with the meeting follow-up email.

Timeline

H-GAC staff overviewed the project timeline, still currently on track.

Public Engagement Event Planning

The hazard mitigation committee picked a date, time, and location for two (2) public hearings to be held in the north and south portions of the County. At the public hearings stakeholders will be introduced to the hazard mitigation plan, the update process, and engaged in activities meant to gather public input on the plan.

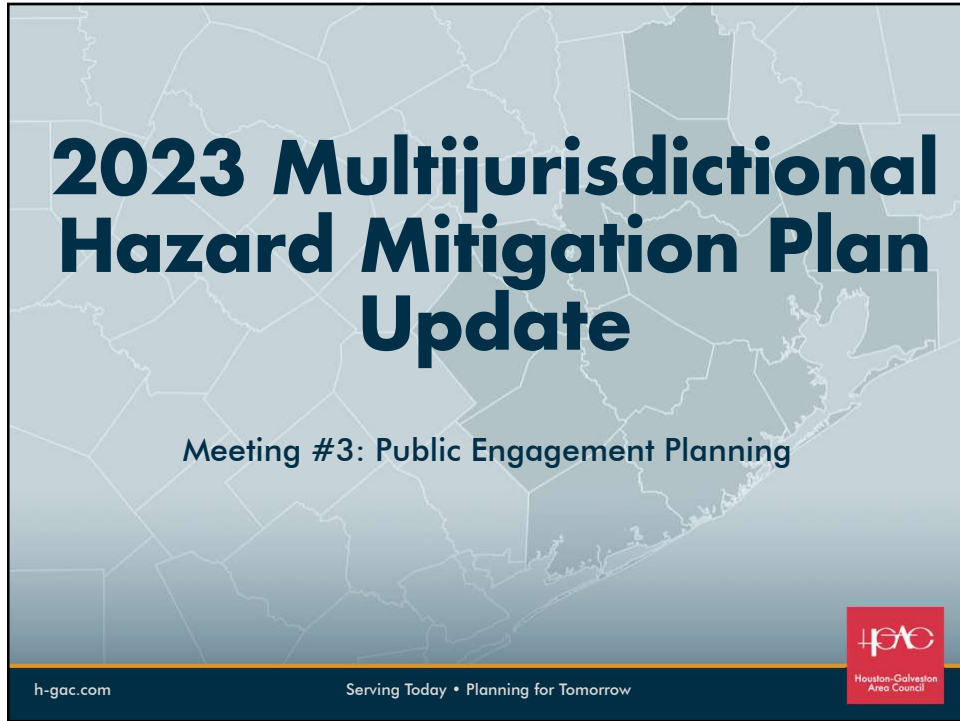
H-GAC Website Updates

H-GAC Staff highlighted and share website updates with the local planning team.

Next Steps

Next steps were assigned to members of the local planning team. H-GAC staff will create public hearing flyers to be sent out to the committee and shared with stakeholders on different platforms.


Meeting adjourned at 1:54 PM.



2023 Multijurisdictional Hazard Mitigation Plan Update

Meeting #3: Public Engagement Planning

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Meeting Agenda

- Welcome
- Recap Online Survey Results
- Timeline
- Public Engagement Planning
- H-GAC Website Updates

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Online Survey Results

- 7 responses
 - Share! Share! Share!

- Survey is still open
 - Please share with your communities!
 - When do we want to close the survey to new responses?

-SURVEY RESPONSE REVIEW-



3

Updated Project Timeline

	March	April	May	June	July	August	Sept.	Oct.	Nov.
Kickoff Meeting									
Risk Assessment		HAZUS							
Capability Assessment									
Public Input Workshop/ Events						#1 WE ARE HERE			
Mitigation Action Plan Workshop									
Plan Drafting									
Review Final Draft									
Plan Adoption									
Submit Plan to State & FEMA									



4

Public Engagement Event

- Location
 - ?
- Date
 - ? Dependent on availability of location
- Time
 - ?
- Format
 - 2-hour Public Meeting/Hearing?
 - Presentation, activities for engagement, after normal work hours, opportunities for questions/input/discussion
 - ½ or all-day pop-in event?
 - Engagement activities in one space available all day for stakeholders

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H-GAC Website Updates

Hazard Mitigation Planning

The H-GAC region is susceptible to a range of natural disasters like flooding, tornadoes, drought, and wildfires. Hazard mitigation is the use of long- and short-term strategies (such as planning, policy changes, programs, projects, and other activities) to reduce or alleviate the loss of life, personal injury, and property damage that can result from a disaster. While we cannot eliminate the threat of disasters, sound planning, collaboration, and preemptive action can help minimize their impacts.

FEMA requires every locality to maintain a hazard mitigation plan that examines the risk and impact of natural disasters and provides strategies for reducing impacts to people and property. A Hazard Mitigation Plan must be updated every 5 years to ensure relevancy and continued support from FEMA for its mitigation projects.

H-GAC has helped several counties develop or update their hazard mitigation plans, ensuring that participating communities are eligible for FEMA mitigation funding. H-GAC is committed to working with local governments to ensure that the region is as prepared as possible. Previous and current hazard mitigation work can be found below.

Hazard Mitigation Plans

Austin County 1	▼
Brazoria County 1	▼
Chambers County 1	▼
City of Angleton	▼

Hazard Mitigation Planning

Contact Information

Would you like to contact us about this topic?
Please contact:

Amanda Ashcroft
Amanda.Ashcroft@h-gac.com
713-993-4545

h-gac.com

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Contact Information

Amanda Ashcroft, AICP

Planner, Community & Environmental

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Austin County Multi-Jurisdictional Hazard Mitigation Plan, Meeting Notes

10/4/2023 & 10/25/2023

A G E N D A (10/4/2023)

1:00 PM **Welcome**

1:05 PM **Online Survey**

Open Discussion: Plan Goals & Maintenance

Mitigation Action Plans

H-GAC staff will discuss the components of the mitigation action plan, project categories, ideas, plan goals, and plan maintenance procedures.

Visualizing Risk

Mitigation Strategy

3:00 PM **Adjourn**

A T T E N D A N C E

Name	Title	Organization
Amanda Ashcroft	Planner, Community & Environmental	H-GAC
Cheryl Mergo	Senior Manager, Community & Environmental	H-GAC
Clay Engelbrecht	Fire Chief	City of Wallis
Chip Reed	County Commissioner	Austin County
Shannon Hanath	Precincts Administrative Assistant	Austin County
Roy Mercer	EMC	Austin County OEM
Jason Smalley	Police Chief / EMC	City of Bellville
Bob Ray	Mayor	City of Brazos Country
Maya Mable Meyers	Mayor	City of Industry
Sue Foley	Town Secretary	City of San Felipe
Steven Silver	Fire Chief	City of San Felipe
Brooke Kaiser	Public Works Admin/GIS Tech.	City of Sealy
Travis Cochran	Wastewater Superintendent	City of Sealy
Jerry Ebers	Clerk	City of South Frydek
Julie Ebers	Commissioner	City of South Frydek



Austin County Multi-Jurisdictional Hazard Mitigation Plan, Meeting Notes

10/4/2023 & 10/25/2023

MEETING NOTES

Online Survey

H-GAC staff and hazard mitigation committee members discussed a closing date for the online survey. The survey has been open for responses beginning May 2023 and was heavily advertised at outreach events and through city websites. Austin County had a total of 30 responses.

Open Discussion: Plan Goals & Maintenance

The hazard mitigation committee discussed plan goals and maintenance. H-GAC staff introduced plan goals from some of the more recent hazard mitigation plan within the region, highlighted language used, and gave suggestions about how goals from the 2017 plan could be expanded or updated. The hazard mitigation committee and H-GAC staff then discussed plan maintenance procedures and noted updates for 2023/2024.

Mitigation Action Plans

H-GAC staff discussed the components of the mitigation action plan, mitigation action project categories, ideas (including resources and where to find them), plan goals, plan maintenance procedures, and benefit cost analysis.

Visualizing Risk

H-GAC staff presented maps developed for the Hazard Mitigation Plan. Map changes requested by the committee were noted, corrected maps will be presented at the next meeting.

Mitigation Strategy

H-GAC staff presented over the mitigation strategy. These are the projects or actions to reduce the impacts of the hazards of concern on your community. There are 4 main categories for these actions. Plans and Regulations, Structure and Infrastructure Studies and Projects, Natural Systems Protection Studies and Projects, and Education and Awareness. Staff ran out of time to fully cover the Agenda, and together with the hazard mitigation committee picked the next meeting to occur on 10/25/2023 in-person to continue the conversation.

Meeting adjourned at 3:05 PM.



Austin County Multi-Jurisdictional Hazard Mitigation Plan, Meeting Notes

10/4/2023 & 10/25/2023

A G E N D A (10/25/2023)

1:00 PM **Welcome & Sign-in**

Plan Goals- *revisit*

Mitigation Strategy (cont.)

Resources

Jurisdiction Packets

Next Steps

3:00 PM **Adjourn**

A T T E N D A N C E

Name	Title	Organization
Amanda Ashcroft	Planner, Community & Environmental	H-GAC
Justin Bower	Director, Community & Environmental	H-GAC
Shannon Hanath	Precincts Administrative Assistant	Austin County
Roy Mercer	EMC	Austin County OEM
ED. D. Michael Coopersmith		Bellville ISD
Scott C. Rogers		Brazos ISD
Maya Mable Meyers	Mayor	City of Industry
Sue Foley	Town Secretary	City of San Felipe
Kimbra Hill	City Manager	City of Sealy
Travis Cochran	Wastewater Superintendent	City of Sealy
Jerry Ebers	Clerk	City of South Frydek
Julie Ebers	Commissioner	City of South Frydek
Clay Engelbrecht	Fire Chief	City of Wallis
Shawn Hiatt		Sealy ISD



Austin County Multi-Jurisdictional Hazard Mitigation Plan, Meeting Notes

10/4/2023 & 10/25/2023

MEETING NOTES

Plan Goals

H-GAC staff introduced updated plan goals, as discussed during the last meeting. The hazard mitigation committee then discussed any necessary updates to the suggested plan goals.

Plan goals included:

1. Educate citizens regarding emergency situations related to hazards.
2. Develop publications and educational information on all hazards that is easily accessible to all within Austin County.
3. Promote the use of emergency notification systems and weather alerts for all hazards.
4. Decrease the risk to life and property from hazards through planning, preparation, and mitigation.
5. Develop policies and strategies to effectively manage and reduce risk.
6. Increase the resiliency of Austin County through projects and strategies that reduce the impacts of hazards.
7. Enhance coordination between local jurisdictions, county, state, and federal agencies.
8. Support the continuity of operations before, during, and after hazard events.
9. Incorporate hazard mitigation into community planning such as codes/ordinances, day-to-day operations, and projects.
10. Identify, protect, and assist socially vulnerable populations recovery from hazard impacts.

Mitigation Strategy (cont.)

H-GAC staff and the hazard mitigation committee picked up from the last meeting on 10/4/2023. They discussed how the risk assessment, capability assessment, and feedback from stakeholders all work together to help inform the mitigation strategy. The updated maps were presented by H-GAC staff to show critical facilities (expanded) with different hazard data to showcase what critical facilities or areas may be vulnerable to certain risks. City of Sealy staff had updates to the maps regarding water/sewer rounds. Any other map changes requested were notated, corrected maps will be presented at the next meeting.

Resources

H-GAC staff highlighted resources and discussed the benefit cost analysis tool through FEMA, including when it would be required for use.

Jurisdiction Packets

H-GAC Staff created packets for each jurisdiction to include maps, survey data, public input, a list of critical facilities, and pertinent information/projects from the 2017 plan.

Next Steps

H-GAC staff highlighted resources and discussed the benefit cost analysis tool through FEMA, including when it would be required for use. H-GAC staff and the hazard mitigation committee then discussed next steps which included the online form for action item submittal- changes to be made to the form, and individual meetings for further assistance. The committee then discussed the possibility of an online format to share project ideas or quotes to make the action item submittal process easier all.

Meeting adjourned at 3:00 PM.



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Area Council

Austin County Hazard Mitigation Plan Committee Meeting 10/4/2023

A G E N D A

1:00 PM **Welcome & Sign-in**

1:05 PM **Quick Overview**

Survey, Data, and Mapping Updates

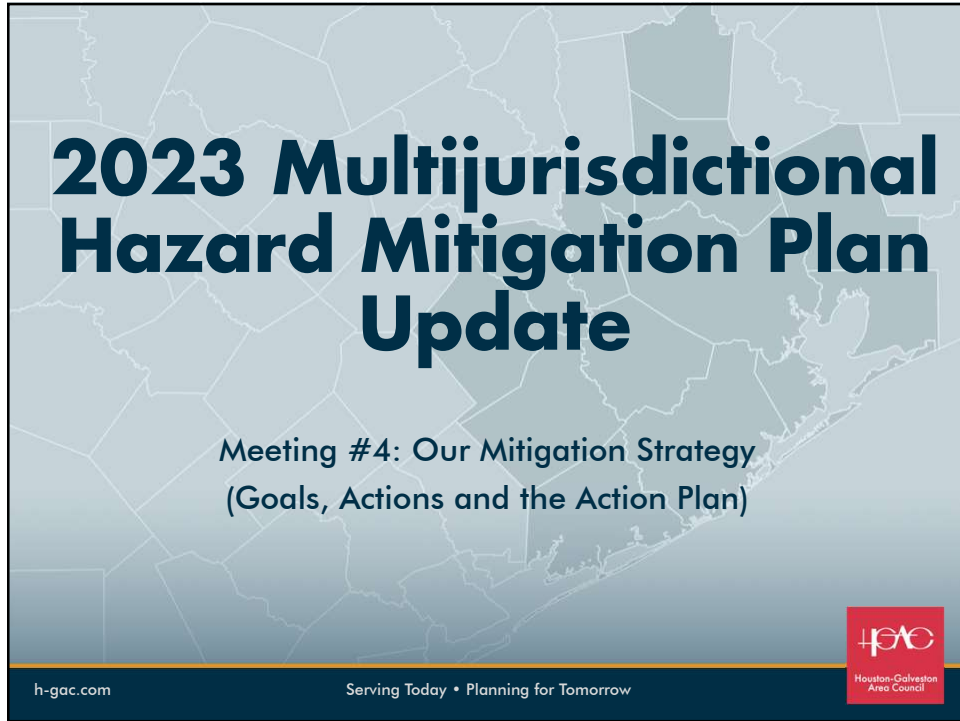
Mitigation Action Plans

H-GAC staff will discuss the components of the mitigation action plan, project categories, ideas, plan goals, and plan maintenance procedures.

Next Steps


H-GAC staff will discuss the project timeline and next steps.

3:00 PM **Adjourn**



2023 Multijurisdictional Hazard Mitigation Plan Update

Meeting #4: Our Mitigation Strategy
(Goals, Actions and the Action Plan)

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Meeting Agenda

- Welcome
- Online Survey Close Date
- Open Discussion: Plan Goals & Maintenance
- Visualizing Risk
- *Mitigation Strategy*

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2

Online Survey Close Date

- Online survey for public feedback on risks will close October 15, 2023.
 - There will be more opportunities for the public to provide input on the plan in future months

3

Plan Goals

- C3. Does the plan include goals to reduce/avoid long-term vulnerabilities to the identified hazards?
 - (Requirement 44 CFR § 201.6(c)(3)(i))
- C3-a. Does the plan include goals to reduce the risk from the hazards identified in the plan?

4

Plan Maintenance

- D1. Is there discussion of how each community will continue public participation in the plan maintenance process?
 - (Requirement 44 CFR § 201.6(c)(4)(iii))
- D1-a. The plan must describe how the participant(s) will continue to seek public participation after the plan has been approved and during the plan's implementation, monitoring, and evaluation.
- D2-a. The plan must identify how, when and by whom the plan will be tracked for implementation over its five-year cycle (monitoring).

5

Visualizing Risk

- Maps to share from H-GAC
 - Today: Reviewing
 - Floodplain
 - Population Distribution
 - Wildfire Risk
 - Vulnerable Population (and Social Vulnerability Index)
- What changes do you want to see?
- Are there any corrections that need to be made?

6

Mitigation Strategy

- What is it?
 - Often referred to in many forms, such as: Mitigation Action Plan, Action Plan, Mitigation Projects, Mitigation Initiatives, Mitigation Actions

7

Mitigation Actions

- 4 Main categories
 - Local Planning and Regulations
 - Structure and Infrastructure (Studies and Projects)
 - Natural Systems Protection (Studies and Projects)
 - Education and Awareness Programs

8

Updates

- Projects from the last plan update
 - If a project from the 2017/2018 Austin County HMP is not finished and is still a priority, You SHOULD include it in the 2023 HMP Update!
- Each Hazard of Concern requires a minimum of 2 mitigation actions
 - Don't forget: 1 mitigation action can cover multiple hazards and multiple jurisdictions
 - Example: Educational Programs

9

Resources

- [Disaster Resilient Design Concepts](#) (Feb 2023)
 - [More resources from EPA & FEMA here.](#)
- [AARP Disaster Resilience Tool Kit](#) (English),
 - [Descargar: Guía para el desarrollo de resiliencia ante desastres, de AARP](#) (Spanish)
- [FEMA Mitigation Ideas](#) (Jan 2013)

10

How Do I Draft Actions?

- Start with reviewing actions from the last plan
 - Include actions that will be carried over
- Identify problems
 - Review stakeholder input from surveys and events
 - Review risk and capability assessments
 - Review vulnerable areas
 - RL/SRL properties
 - Stormwater/urban flooding areas
 - Critical facilities and lifelines located in hazard areas
- Ask for help
 - We are here as a resource!

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Next Steps

- Online form for action item submission
- Plan Drafting
- Individual meetings with jurisdictions to review actions

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Austin County Hazard Mitigation Plan Committee Meeting 10/25/2023

A G E N D A

1:00 PM

Welcome & Sign-in

Mitigation Action Plans (cont.)

H-GAC staff will discuss the components of the mitigation action plan, project categories, ideas, plan goals, and plan maintenance procedures.

Survey, Data, and Mapping Updates

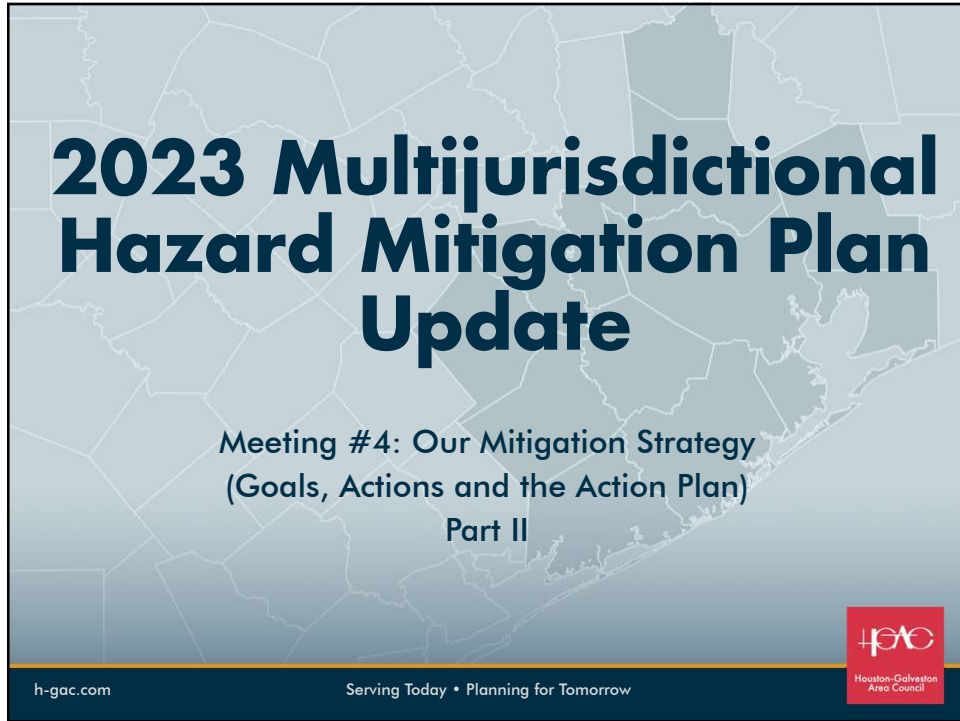
Next Steps

H-GAC staff will discuss the project timeline and next steps.

Q&A


3:00 PM

Adjourn



2023 Multijurisdictional Hazard Mitigation Plan Update

Meeting #4: Our Mitigation Strategy
(Goals, Actions and the Action Plan)
Part II

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1

Meeting Agenda

- Welcome
- Agenda
- Plan Goals- revisit
- *Mitigation Strategy*

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2

Visualizing Risk

- Maps to share from H-GAC
 - Today: Reviewing
 - Floodplain
 - Population Distribution
 - Wildfire Risk
 - Vulnerable Population (and Social Vulnerability Index)
- What changes do you want to see?
- Are there any corrections that need to be made?

3

Plan Maintenance

- D1. Is there discussion of how each community will continue public participation in the plan maintenance process?
 - (Requirement 44 CFR § 201.6(c)(4)(iii))
- D1-a. The plan must describe how the participant(s) will continue to seek public participation after the plan has been approved and during the plan's implementation, monitoring, and evaluation.
- D2-a. The plan must identify how, when and by whom the plan will be tracked for implementation over its five-year cycle (monitoring).

4

Mitigation Strategy

- What is it?
 - Often referred to in many forms, such as: Mitigation Action Plan, Action Plan, Mitigation Projects, Mitigation Initiatives, Mitigation Actions
 - The mitigation strategy include goals, actions, and the action plan.

5

Plan Goals

- C3. Does the plan include goals to reduce/avoid long-term vulnerabilities to the identified hazards?
 - (Requirement 44 CFR § 201.6(c)(3)(i))
- C3-a. Does the plan include goals to reduce the risk from the hazards identified in the plan?

6

Our Plan Goals

- Educate citizens regarding emergency situations related to hazards.
- Develop publications and educational information on all hazards that is easily accessible to all within Austin County.
- Promote the use of emergency notification systems and weather alerts for all hazards.
- Decrease the risk to life and property from hazards through planning, preparation, and mitigation.
- Develop policies and strategies to effectively manage and reduce risk.
- Increase the resiliency of Austin County through projects and strategies that reduce the impacts of hazards.
- Enhance coordination between local jurisdictions, county, state, and federal agencies.
- Support the continuity of operations before, during, and after hazard events.
- Incorporate hazard mitigation into community planning such as codes/ordinances, day-to-day operations, and projects.
- Identify, protect, and assist socially vulnerable populations recovery from hazard impacts.

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Mitigation Actions

- 4 Main categories
 - Local Planning and Regulations
 - Structure and Infrastructure (Studies and Projects)
 - Natural Systems Protection (Studies and Projects)
 - Education and Awareness Programs

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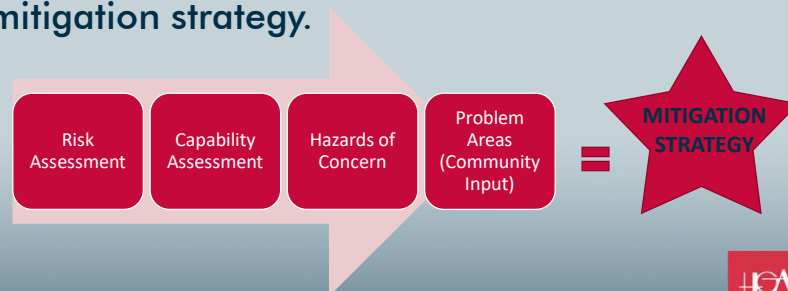
Updates

- Projects from the last plan update
 - If a project from the 2017/2018 Austin County HMP is not finished and is still a priority, You **SHOULD** include it in the 2023 HMP Update!
- Each Hazard of Concern requires a minimum of 2 mitigation actions
 - Don't forget: 1 mitigation action can cover multiple hazards and multiple jurisdictions
 - Example: Educational Programs



Mitigation Actions Cont.

- Show a clear connection between vulnerability and proposed mitigation actions.
- The capability assessment provides insight into challenges and opportunities for the mitigation strategy.



How Do I Draft Actions?

- Start with reviewing actions from the last plan
 - Include actions that will be carried over
- Identify problems
 - Review stakeholder input from surveys and events
 - Review risk and capability assessments
 - Review vulnerable areas
 - RL/SRL properties
 - Stormwater/urban flooding areas
 - Critical facilities and lifelines located in hazard areas
- Ask for help
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Resources

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 - [More resources from EPA & FEMA here.](#)
- [AARP Disaster Resilience Tool Kit \(English\)](#),
 - [Descargar: Guía para el desarrollo de resiliencia ante desastres, de AARP \(Spanish\)](#)
- [FEMA Mitigation Ideas \(Jan 2013\)](#)
- [Texas Mitigation Assistance Resource Guide \(March 2021\)](#)
- [Building Community Resilience with Nature Based Solutions \(June 2021\)](#)

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Action Item Submittal

<https://form.jotform.com/232696130179965>

- Similar to 2017 form
- Resources as hyperlinks within the form
- Questions? Reach out to Amanda or Roy!

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Benefit Cost Analysis

- RESOURCES:
- [FEMA Benefit-Cost Analysis](#)
- [FEMA Streamlined Benefit-Cost Analysis](#)

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Jurisdiction Packets

- You should have received an email from ShareFile
- Packet can be accessed directly via:
 - <https://h-gac.sharefile.com/d-s601599398f85455bbe76be0684dac9a8>

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Next Steps

- Online form for action item submission
- Plan Drafting
- Individual meetings with jurisdictions to review actions

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Area Council

Austin County Hazard Mitigation Plan Committee Meeting 1/24/2024 via TEAMS

A G E N D A

1:00 PM **Welcome & Roll Call**

1:05 PM **Draft Plan Review**

The draft of the Austin County Hazard Mitigation Plan Update will be emailed to you 1 week before the meeting. Please review the plan and bring your comments, questions, or any changes you'd like to see to the meeting.

Items Needed

We will discuss items I need from the Hazard Mitigation Committee members to finish certain sections of the plan.

Action Item Check-in

Next Steps

H-GAC staff will discuss the project timeline and next steps.

3:00 PM **Adjourn**

Microsoft Teams meeting
[Click here to join the meeting](#)



Austin County Hazard Mitigation Plan Committee Meeting 1/24/2024 via TEAMS

ATTENDANCE

Name	Title	Organization
Amanda Ashcroft	Planner, Community & Environmental	H-GAC
Cheryl Mergo	Senior Manager, Community & Environmental	H-GAC
Clay Engelbrecht	Fire Chief	City of Wallis
Roy Mercer	EMC	Austin County OEM
Shawn Jackson	City Administrator	City of Bellville
Bob Ray	Mayor	City of Brazos Country
Maya Mable Meyers	Mayor	City of Industry
Sue Foley	Town Secretary	City of San Felipe
Kimbra Hill		City of Sealy
Patrick Parsons		City of Sealy
Travis Cochran	Wastewater Superintendent	City of Sealy
Jerry Ebers	Clerk	City of South Frydek
Julie Ebers	Commissioner	City of South Frydek
ED. D. Michael Coopersmith	Executive Director of Administration	Bellville ISD
Scott C. Rogers	Superintendent	Brazos ISD
Shawn Hiatt	Executive Director of Human Resources & Operations	Sealy ISD

MEETING NOTES

Draft Plan Review- Open Discussion:

H-GAC staff and hazard mitigation committee members reviewed and discussed the draft plan sections 1-6, 6.1, 6.5, and 6.13. This was an open discussion among the committee to notate any changes needed, confirm language used in certain sections, and address any concerns.

Items Needed

H-GAC staff and hazard mitigation committee members discussed items needed to complete certain draft sections of the plan- mainly limitations or expansion opportunities with individual jurisdictions within the capability assessment. H-GAC noted that a risk assessment and capability assessment document was still needed from the ISDs that entered the plan. And would follow-up with the individual ISD representatives via email with the attached forms.

Action Item Check-in- Mitigation Action Plans

H-GAC staff had a quick action item check-in with the hazard mitigation committee to see where everyone was at as far as submitting action items for the plan update.

Next Steps

Next steps for the committee were discussed, and included submitting action items, drafting the remaining hazard profiles and plan sections, reviewing these sections, finalizing the draft, and sending out public notices and hosting a public meeting during the public review period. H-GAC also provided action item resources and a next steps document in the follow-up email.

Meeting adjourned at 2:15 PM.

Appendix E

SURVEY RESULTS

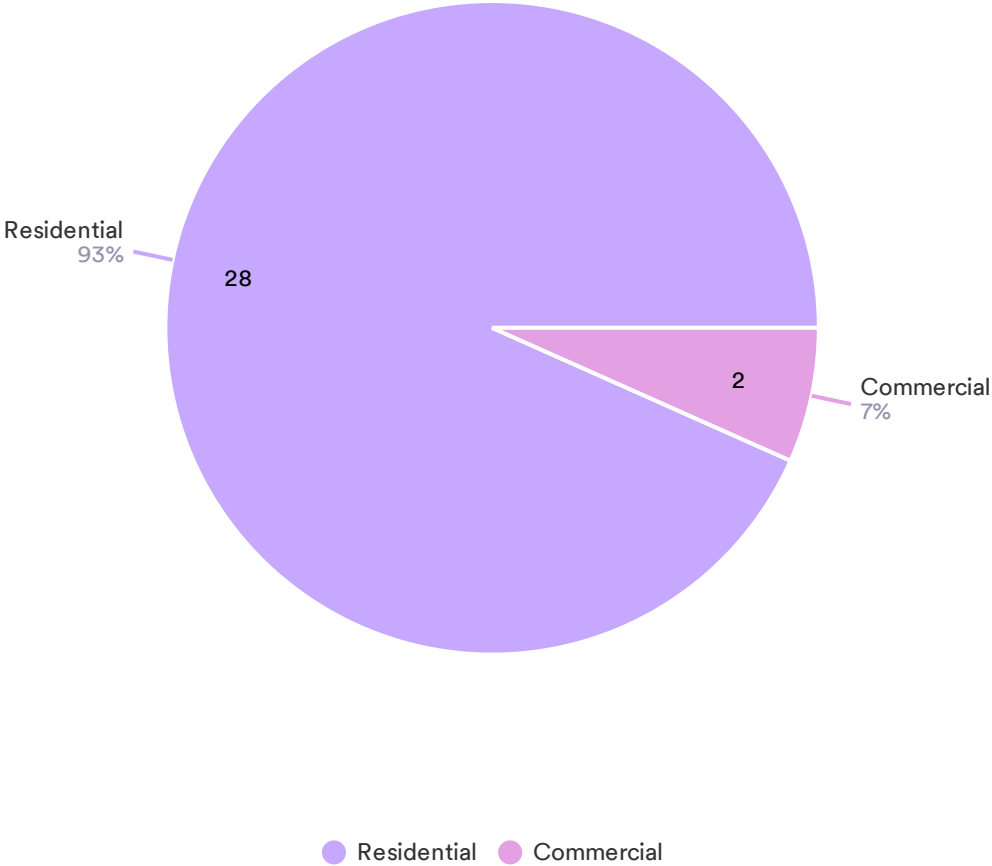
Hazard Mitigation Plan Public Survey

Austin County Responses

May 8, 2023, to October 31, 2023

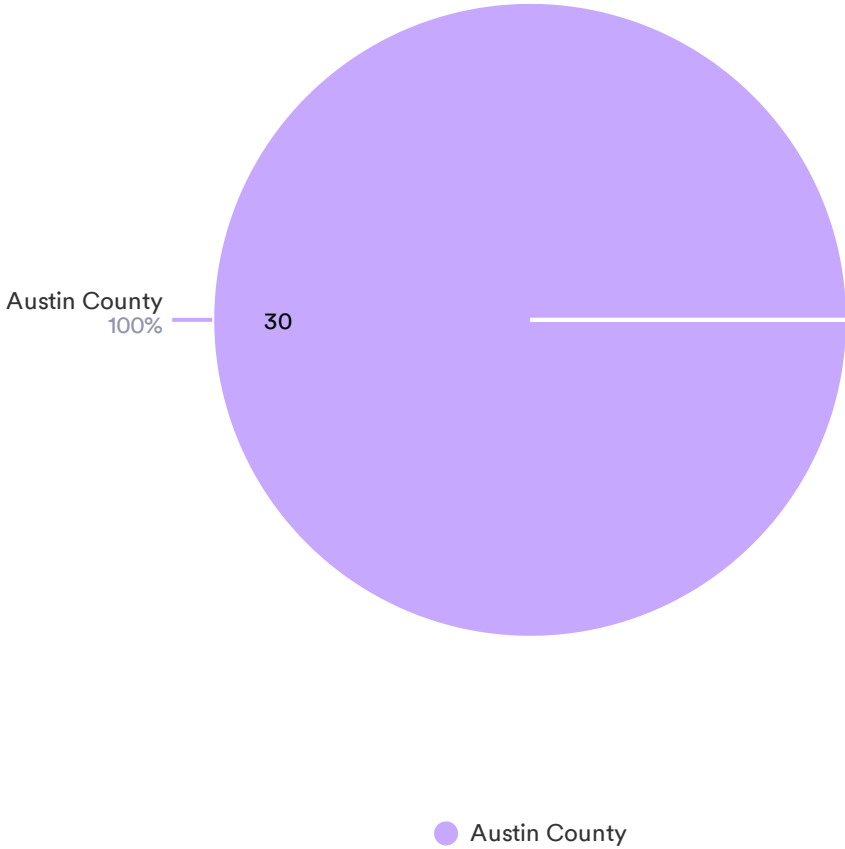
Are you responding on behalf of a residential or commercial property?

30 Responses



In which county or city is the residential or commercial property located?

30 Responses



In what city is the property located?

30 Responses

Data	Responses
Sealy	17
Sealy	5
South Frydek	2
Bellville	2
San Felipe	1
Cat Spring	1
Brazos Country	1

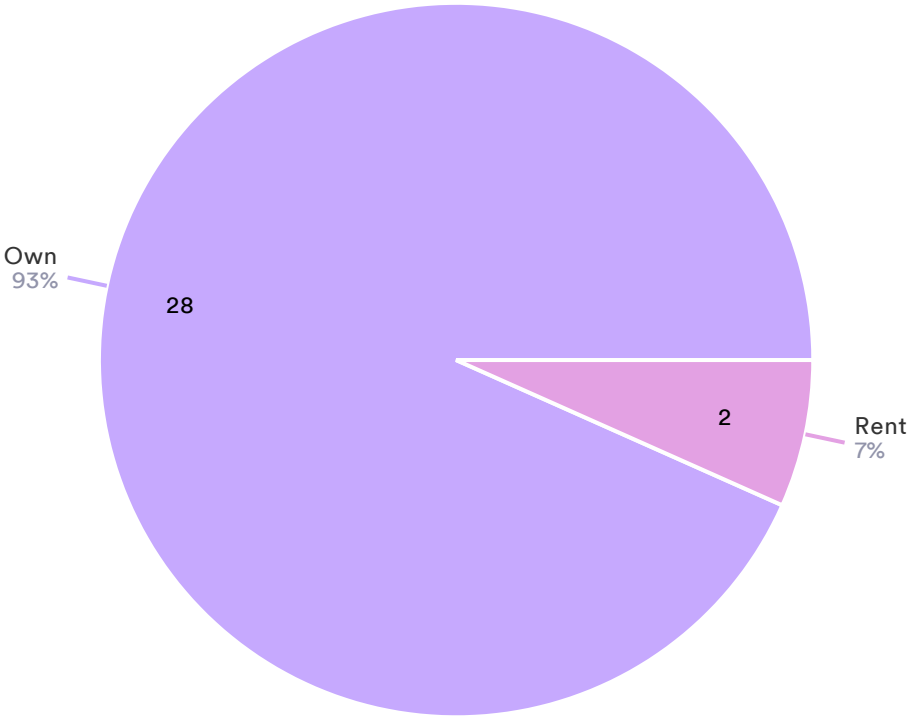
What is the zip code for the property?

30 Responses

Data	Responses
77474	25
77418	2
77473	1
78933	1
77485	1

Do you own or rent your place of residence/business?

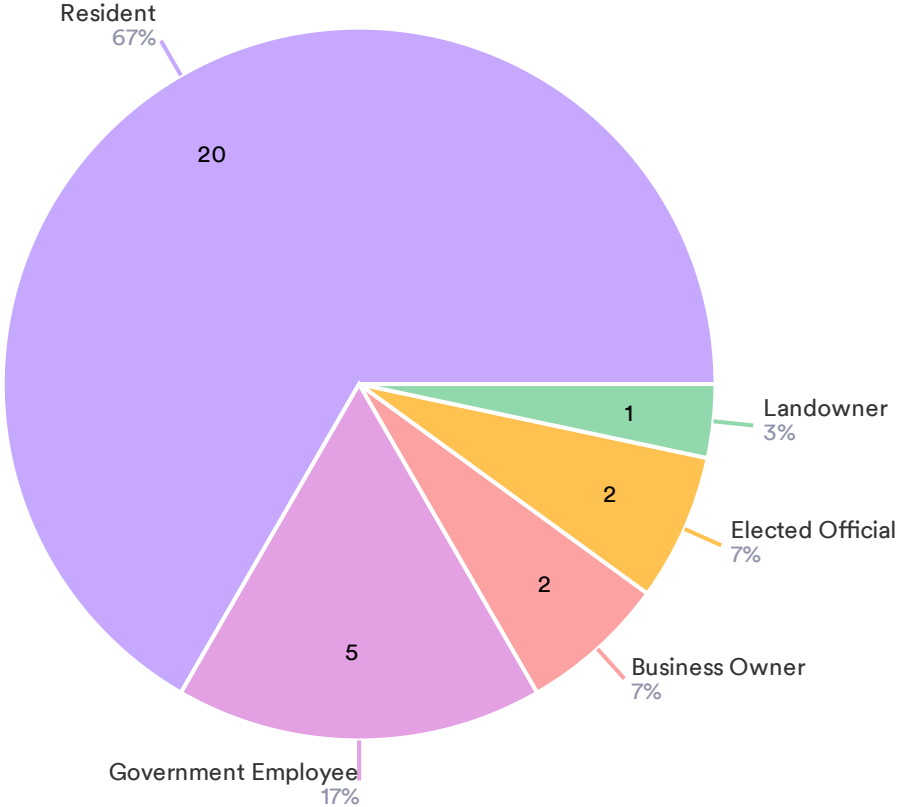
30 Responses



● Own ● Rent

Which of the following best defines your role in the community?

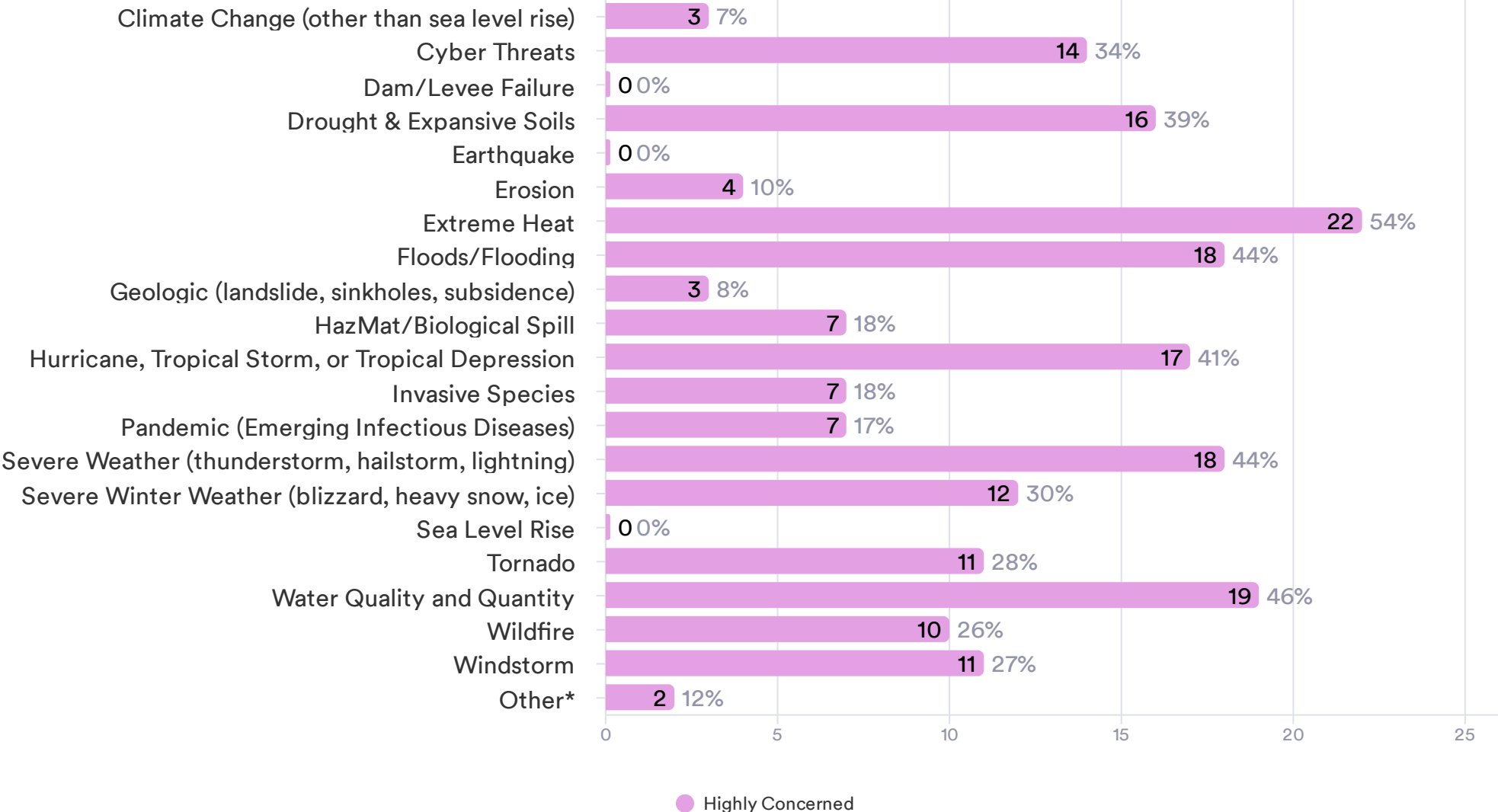
30 Responses



● Resident ● Government Employee ● Business Owner ● Elected Official ● Landowner

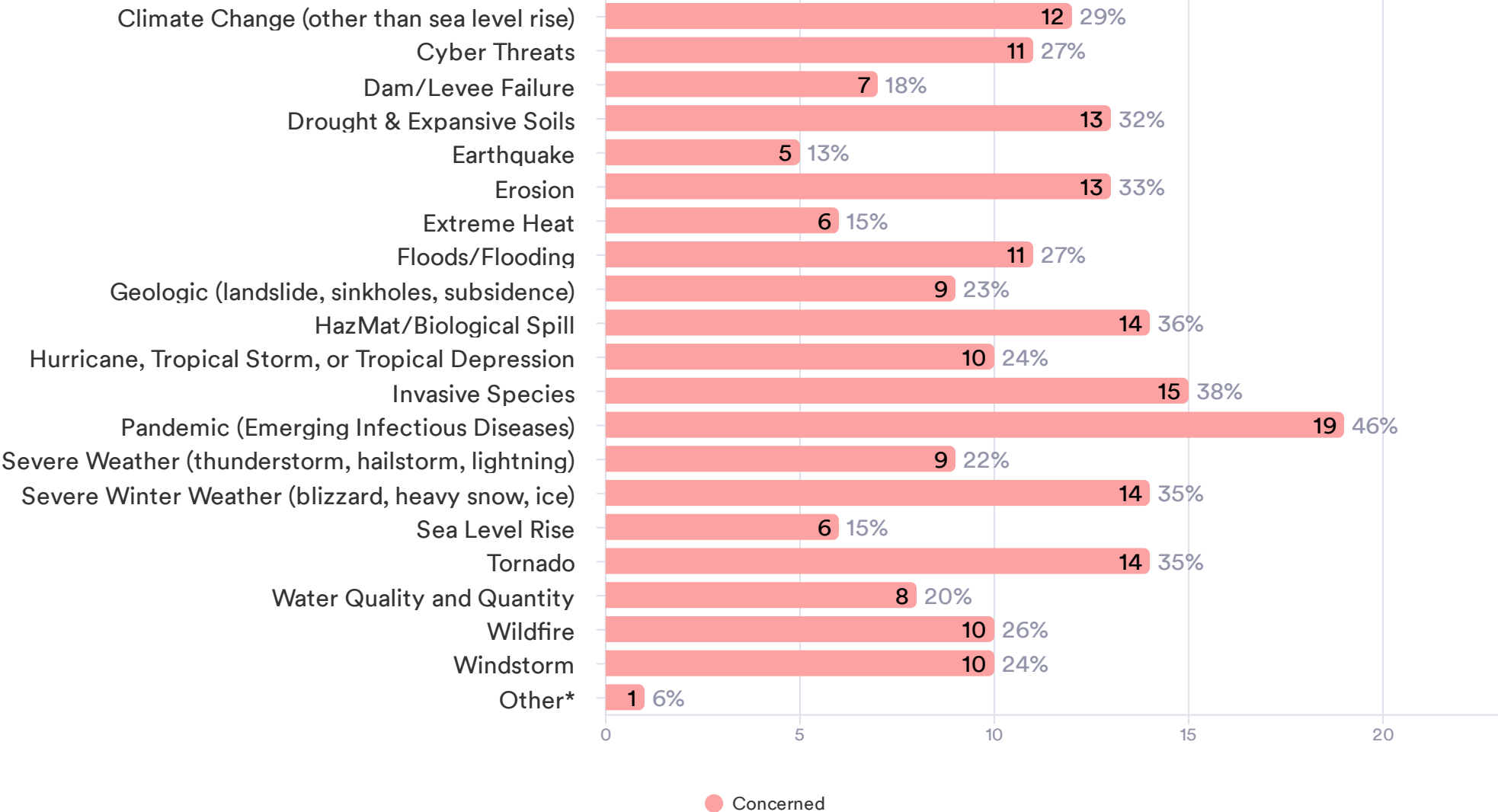
How concerned are you about each hazard?

30 Responses



How concerned are you about each hazard?

30 Responses



Hazard Mitigation Plan Survey

*Please specify the "other" hazard for which you have a concern if indicated above.

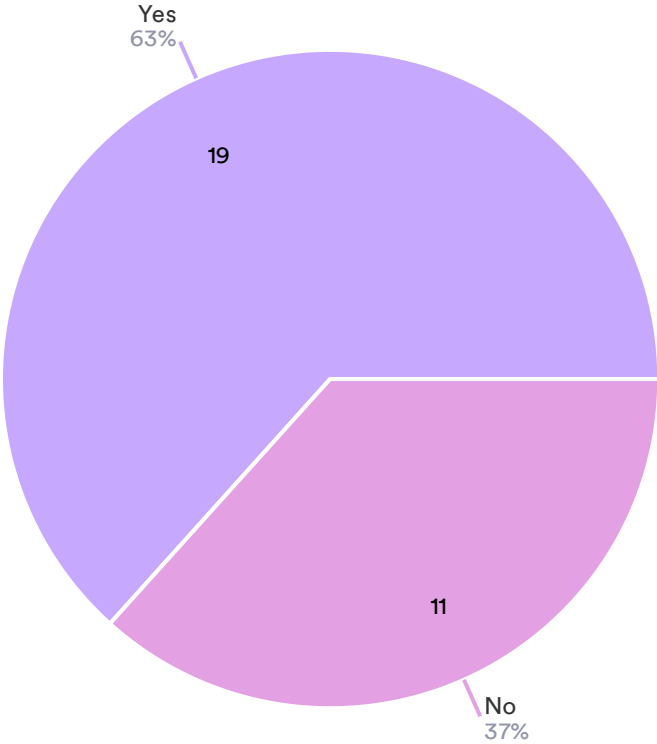
6 Responses

Data	Responses
Power Outages	1
water/sewer/gas infrastructure	1
Ongoing flooding problem in Sealy made worse by I10 expansion project	1
N/a	1
na	1
Rouge Hogs	1

Hazard Mitigation Plan Survey

In the past 5 years, has your home or business been damaged by a hazard event? (Ex: pipes freezing during periods of cold temperatures, flooding of your home/business, tornado damage to your property, etc.)

30 Responses



● Yes ● No

Hazard Mitigation Plan Survey

Please describe any relevant details such as the date of occurrence, duration, area affected (e.g., yard, building, roof), etc.

17 Responses

Data	Responses
Pipes bursting during freeze	1
Water main breaks in big lines causes washouts Sewer line Collapse with sink holes Gas leaks or gas lines hit by contractor	1
Microburst in 2017 destroyed property and infrastructure; hurricane Harvey in 2017 flooded the town and property; winter storm Uri created damage to pipes and house, major rain storms consistently cause flooding	1
Wind damage caused trees on home power outages during ice uri	1
Hail	1
Pipes freezing and breaking during the last severe winter weather (2021)	1
Roof leaking in place of business that led to flooding. Yard floods regularly.	1
Pipes frozen Feb 21, hail damage 2018.	1
Broken pipes due to freeze of 2021. Was affected for 7 days. Flooded garage due to heavy rains and poor/sufficient drainage. Have been affected at least 4 times for up to several days at a time.	1
Frozen pipes Feb 2023 Flooding from ditches not flowing Jan 2023	1
Feb Freeze pipe froze but were able to repair without great issue or damage we were lucky	1
Pipes froze during Uri	1
Pipes freezing, trees down due to windstorms	1
Pipes, January freeze 2021	1

Hazard Mitigation Plan Survey

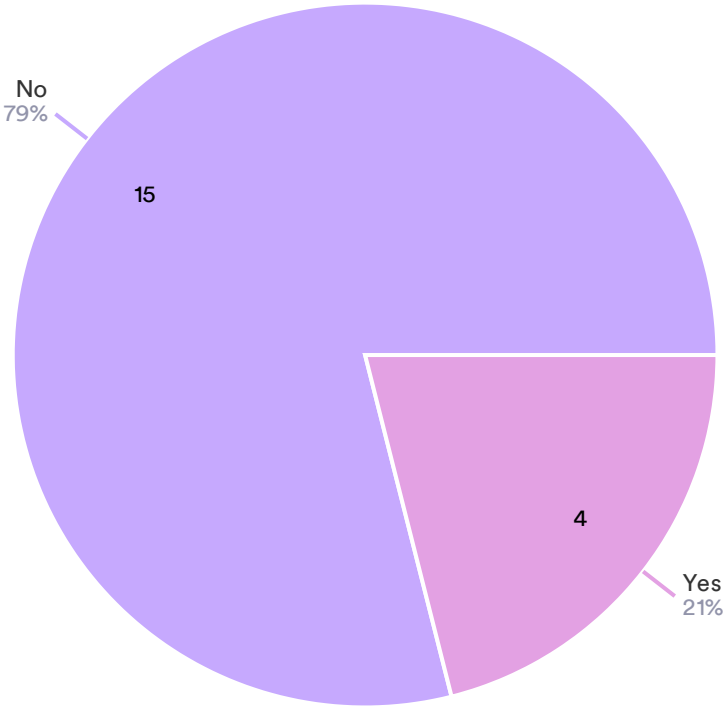
Please describe any relevant details such as the date of occurrence, duration, area affected (e.g., yard, building, roof), etc.

17 Responses

Data	Responses
Created damage to pipes and house, major rain storms consistently cause flooding	
Wind damage caused trees on home power outages during ice uri	1
Hail	1
Pipes freezing and breaking during the last severe winter weather (2021)	1
Roof leaking in place of business that led to flooding. Yard floods regularly.	1
Pipes frozen Feb 21, hail damage 2018.	1
Broken pipes due to freeze of 2021. Was affected for 7 days. Flooded garage due to heavy rains and poor/sufficient drainage. Have been affected at least 4 times for up to several days at a time.	1
Frozen pipes Feb 2023 Flooding from ditches not flowing Jan 2023	1
Feb Freeze pipe froze but were able to repair without great issue or damage we were lucky	1
Pipes froze during Uri	1
Pipes freezing, trees down due to windstorms	1
Pipes, January freeze 2021	1
Pipe froze and busted in residence wall. Had to go without running water for several days. Power outages due to serve storms, freezing temps and also extreme heat.	1
Microburst - Trees down Wind/Hail roof damage Flooding streets land locking Home	1
Extreme winter, heavy rains and flooding equipment failure of public infrastructure	1

Did you report the damages to your local police or fire departments or to an emergency management agency?

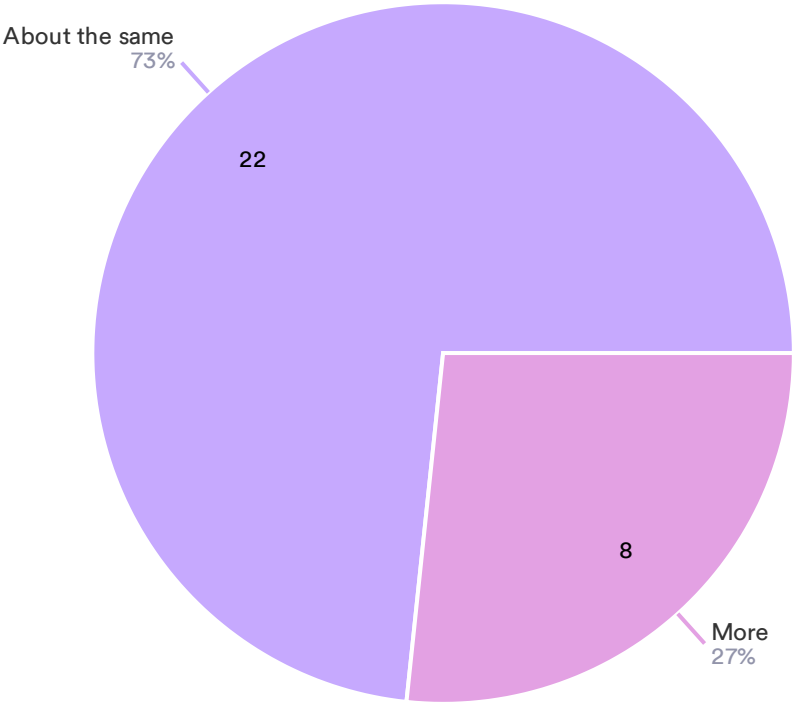
19 Responses



● No ● Yes

Is your property about the same, less, or more prone to flooding now than it was 5 years ago?

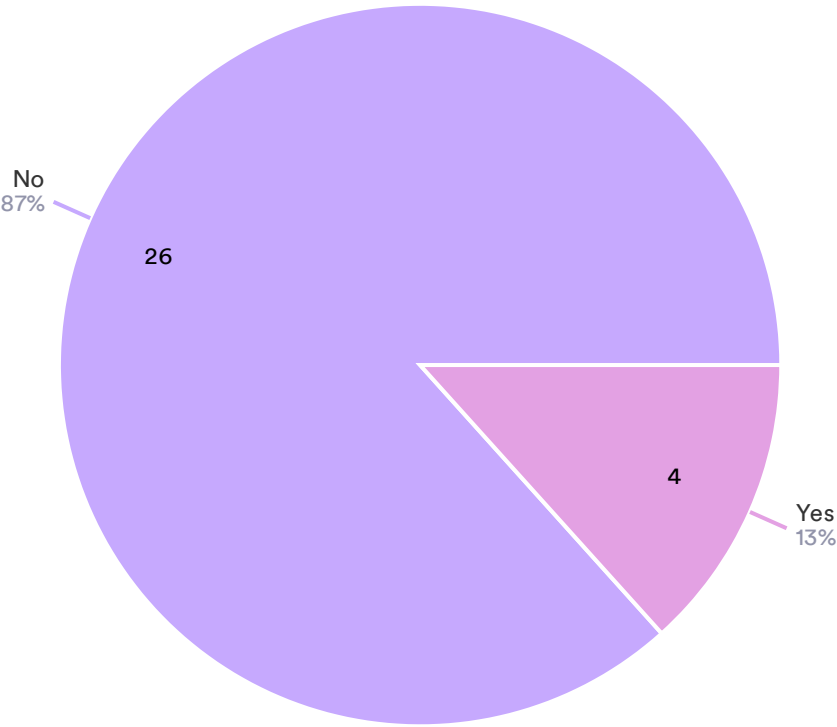
30 Responses



● About the same ● More

To the best of your knowledge, is your property located in a designated floodplain or special flood hazard area?

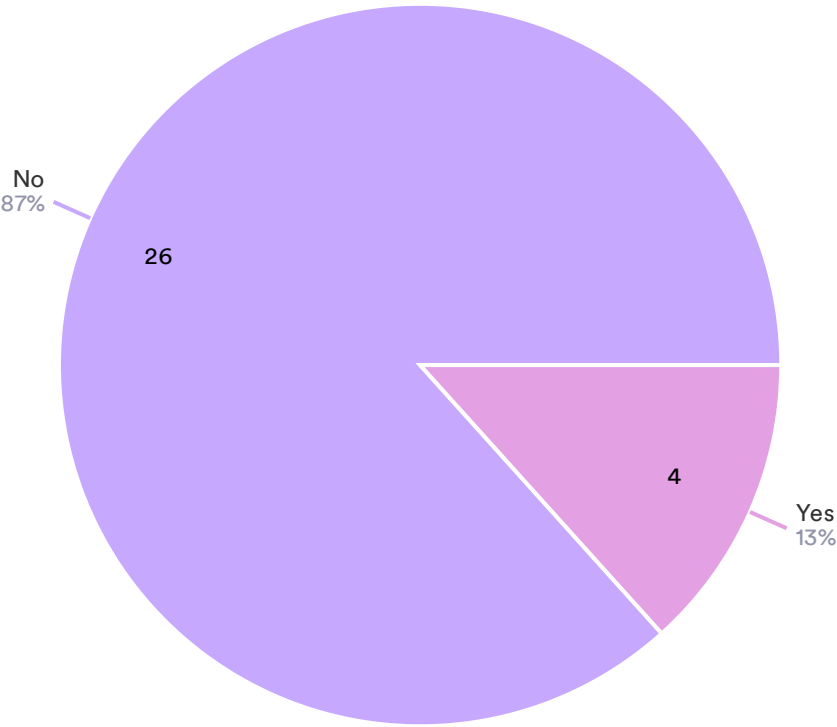
30 Responses



● No ● Yes

Do you have flood insurance through the National Flood Insurance Program?

30 Responses

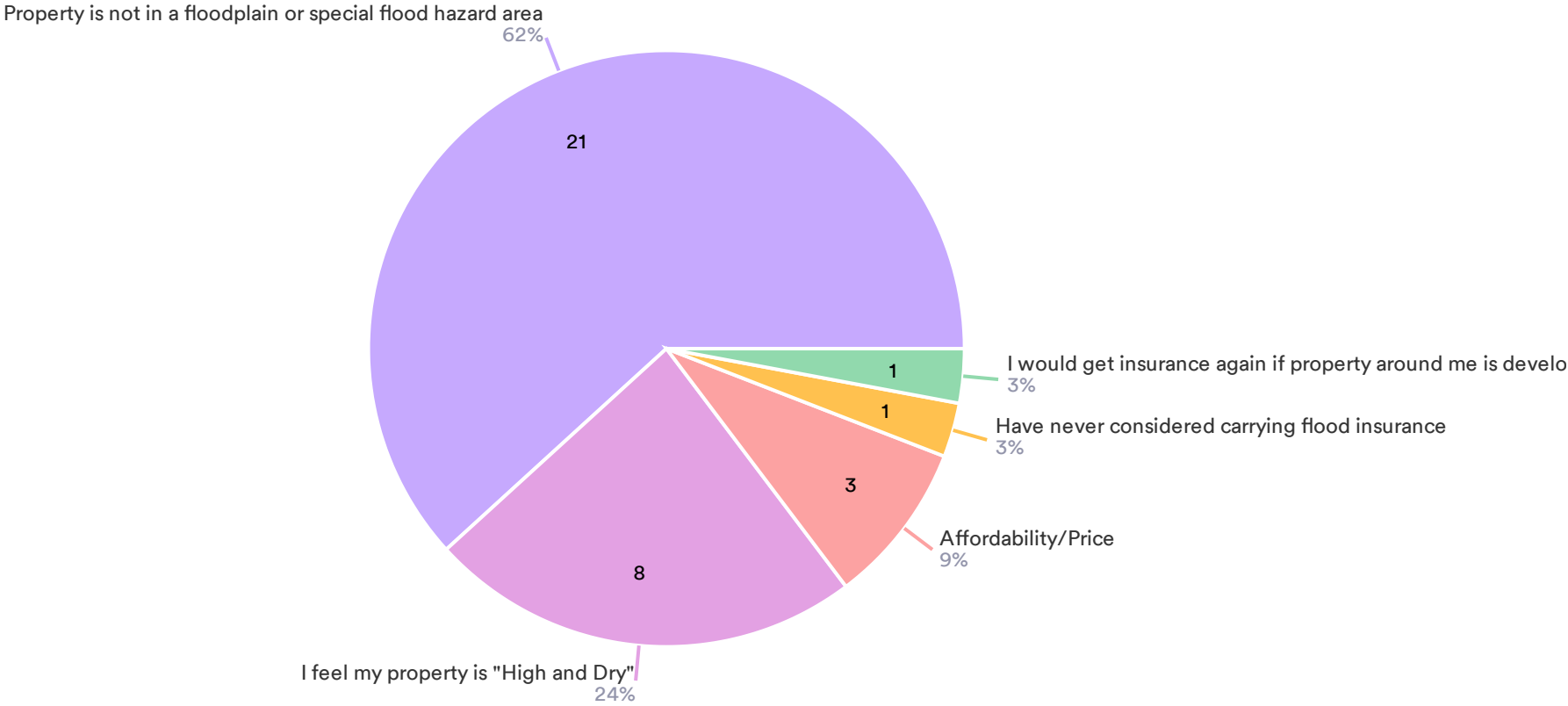


● No ● Yes

Hazard Mitigation Plan Survey

If you do not have flood insurance, please select the reasons that may apply.

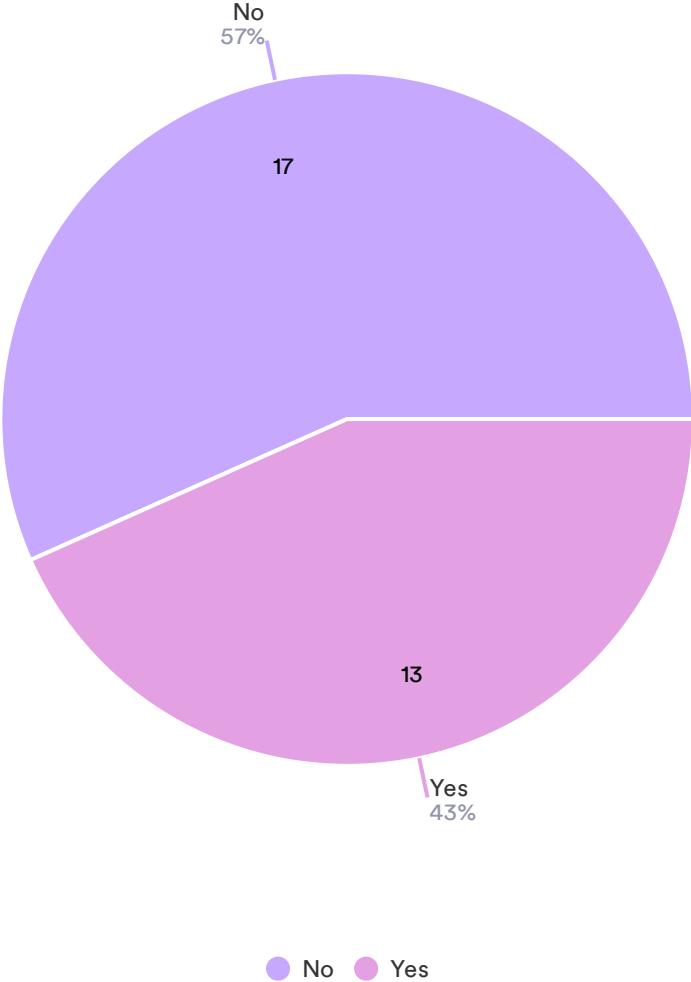
34 Responses



- Property is not in a floodplain or special flood hazard area
- I feel my property is "High and Dry"
- Affordability/Price
- Have never considered carrying flood insurance
- I would get insurance again if property around me is developed as they will cause more flooding on our property

Have you taken any actions to make your home or community more resilient to hazards?

30 Responses



Hazard Mitigation Plan Survey

Please specify what actions you have taken to make your home or community more resilient to hazards?

12 Responses

Data	Responses
A big problem in San Felipe is the two areas not covered for BFE because of end of study.I have encouraged people to elevate but I can't require.At least that is my interpretation.	1
Back up power.	1
Metal roof, whole house backup generator, brush control	1
Regular tree trimming generator flooding	1
Served on city council and helped tighten drainage retention guidelines for developers.	1
I joined the volunteer fire department. Learned CPR.	1
I have cut a swale in my back yard to help move water.	1
bought a generator, more aware of freezing temps to better prepare pipes, have a stash of food and water	1
Cement Siding Native plants Invasives control	1
bolstered my emergency kit and purchased a generator.	1
Support of MIT Grant in Wallis & Austin County	1
Applied for grant opportunities to purchase and install generators	1

Hazard Mitigation Plan Survey

Please identify any specific vulnerabilities that you are aware of in your community/city/county (e.g., flood-prone areas or properties, critical facilities that lack a backup power source, etc.) List street names and other specific location identifiers if possible.

15 Responses

Data	Responses
The west side of our town Alvin Street and those toward the Bollinger Creek watershed.The south Allen Creek watershed .	1
Allen's Creek, Ward Bend Rd culvert	1
Flooding along Allens Creek. Aging infrastructure(water wells, sewer and water lines), Railroad derailments, Hazardous materials spills, trucks on Highways, railcars, storage tanks	1
Major drainage issues cause flooding, lack of backup power for water wells	1
Sh 36 all areas in allens creek area	1
Allen's creek all throughout Sealy and now since Txdot widened I10 and put up a wall between the high school and feeder road, the feeder road floods easily. My husband had to help a young lady out of her car that was under water on the frontage road due to flooding.	1
Tree limbs touching power lines on Fowlkes Street near N 3rd. Atcheson Street near N Circle. Eagle Lake at the 4 way stop seems to have lots of water flow after a heavy rain. Hwy 36 near Wells Fargo Bank floods often Police say they can't put up barriers that it is a TXDOT issue. I fear for the safety of others not knowing how deep it can get after a strong rain.	1
Mill Creek floods regularly during severe weather in areas around the county.	1
Several places around town are prone to flooding such as the drainage on west street in front of the school.	1
Highway 36 that runs thru Sealy from FM2187 to FM 3313?	1
The city is prone to flash floods but they don't last long.	1
I am not aware of any other than our lift stations	1
New IH-10 construction has caused flooding issues in the area of IH-10 and Rexville. Allen's Creek floods several times a year and can	1

Hazard Mitigation Plan Survey

Please identify any specific vulnerabilities that you are aware of in your community/city/county (e.g., flood-prone areas or properties, critical facilities that lack a backup power source, etc.) List street names and other specific location identifiers if possible.

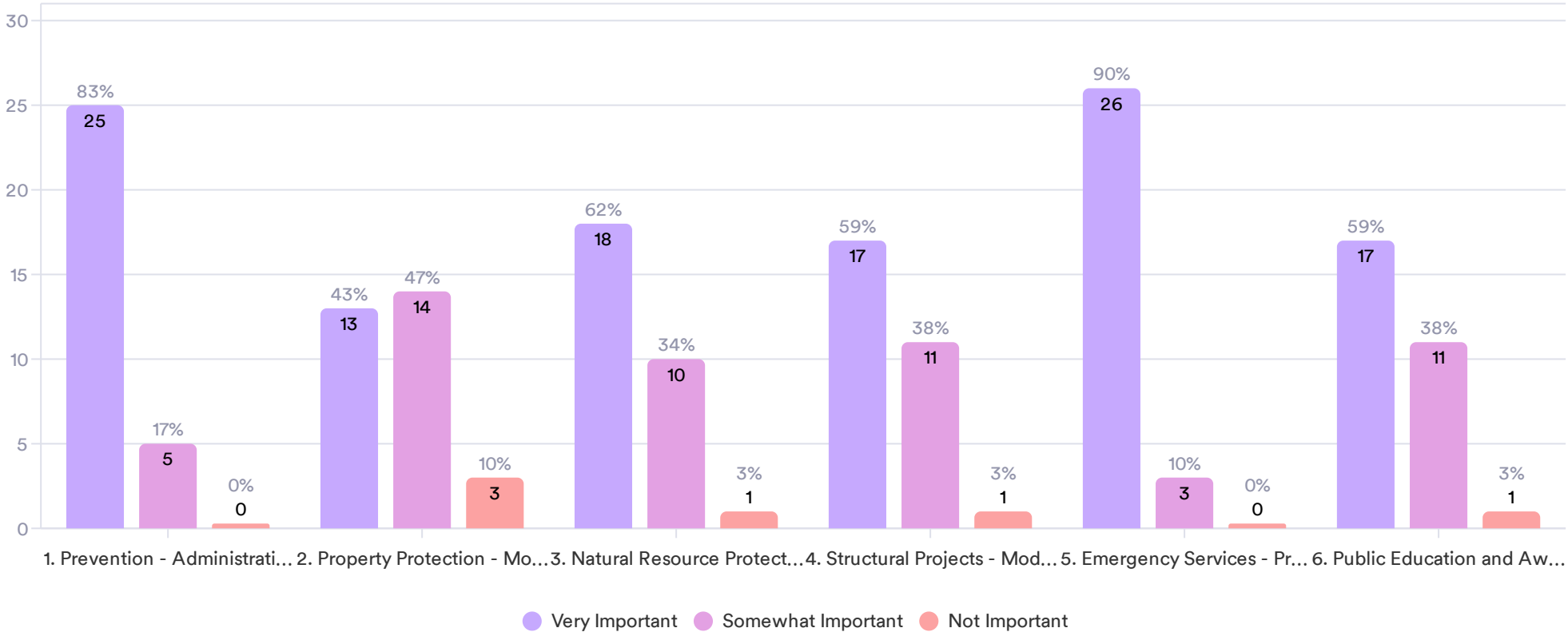
15 Responses

Data	Responses
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Major drainage issues cause flooding, lack of backup power for water wells	1
Sh 36 all areas in allens creek area	1
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Highway 36 that runs thru Sealy from FM2187 to FM 3313?	1
The city is prone to flash floods but they don't last long.	1
I am not aware of any other than our lift stations	1
New IH-10 construction has caused flooding issues in the area of IH-10 and Rexville. Allen's Creek floods several times a year and can impact Hwy 36 in several areas.	1
Elms Slough needs clean out to avoid water backup into Wallis, Gresham St, S. 1st St, to name a few. Need to clear/maintain natural run-offs to Brazos River and Bernard River.	1
5 lift stations, City Hall, Public Works Barn, the community center, pool facility and water wells need generators.	1

Hazard Mitigation Plan Survey

Several community-wide activities can reduce our risk from hazards. In general, these activities fall into one of six broad categories. Please tell us how important you think each category below is for your community.

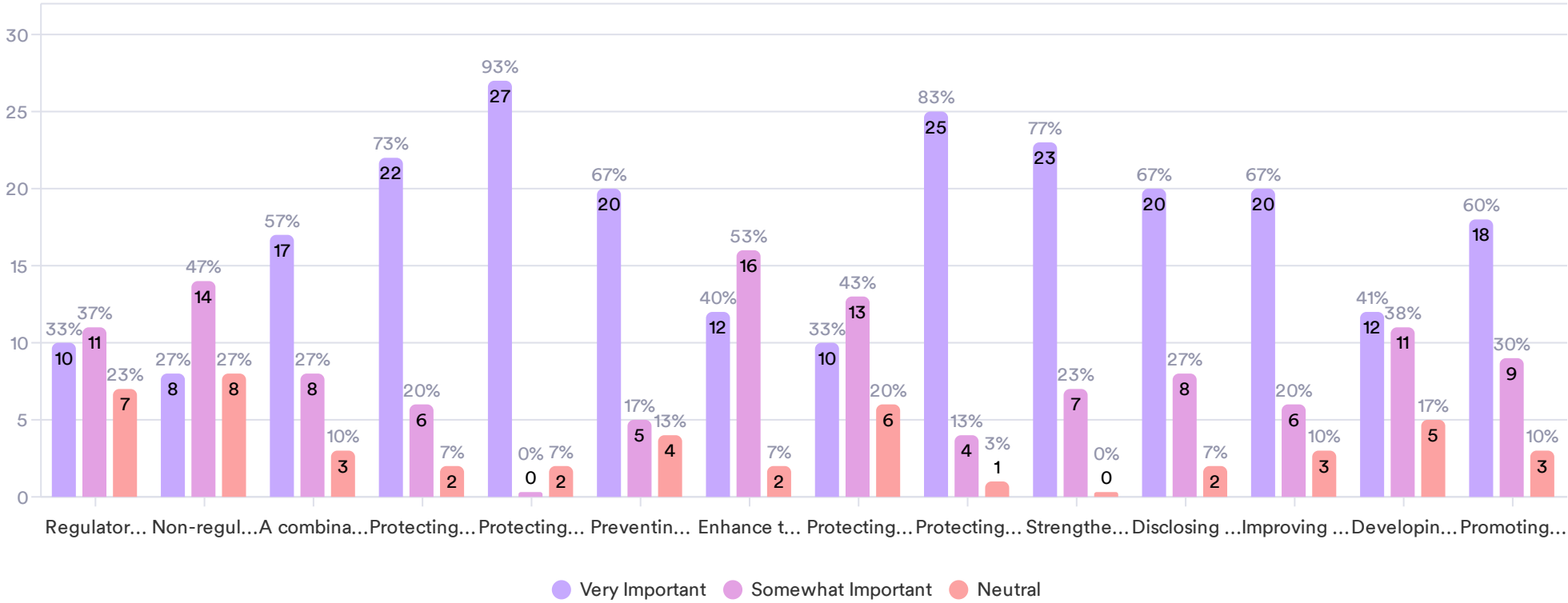
30 Responses



Hazard Mitigation Plan Survey

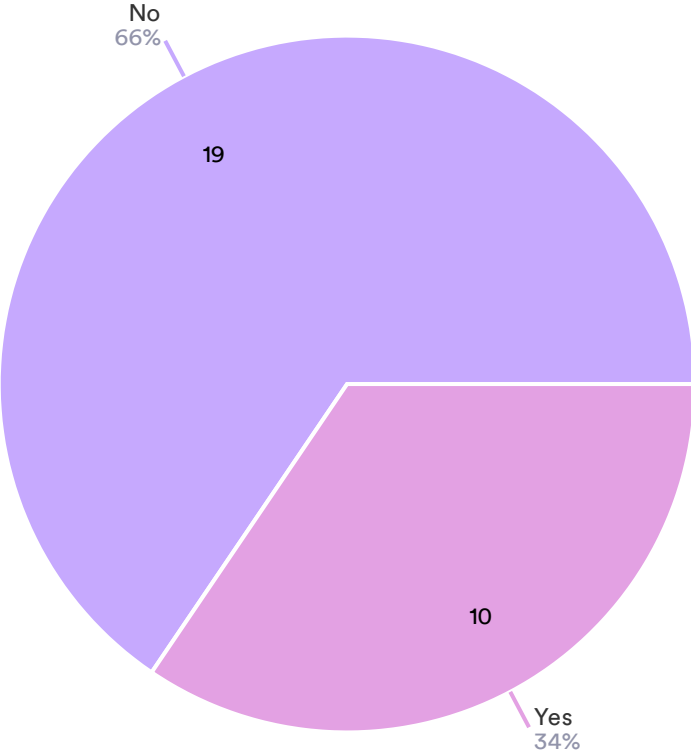
Natural hazards can have a significant impact on a community but planning for these events before they can occur can help lessen the impacts. The following questions will help us determine priorities of our residents regarding planning for natural hazards. Please tell us how important each of the following strategies is to you.

30 Responses



Do you have project ideas for how to protect the community from the impacts of hazards?

29 Responses



● No ● Yes

Hazard Mitigation Plan Survey

Please provide additional details about your project ideas for how to protect the community from the impacts of hazards.

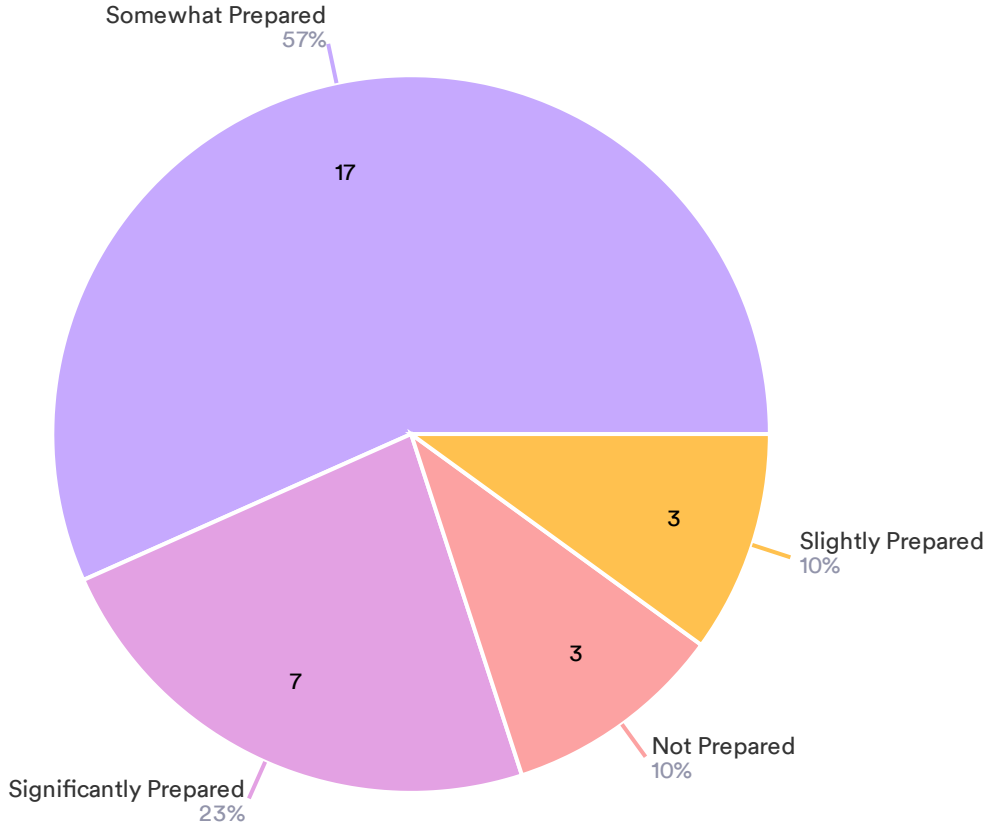
10 Responses

Data	Responses
I would like to see mandatory detention for commercial properties	1
Stop development in flood plains	1
Strengthen run off regulations for developments. Improving aging infrastructure.	1
Generators through current mitigation grants still not approved/ financial assistance given to increase retention and detention	1
More detention/retention sites, continue to clean out and widen Allen's creek, get Txdot to correct the problems they created along the frontage road in Sealy. Keep drainage ditches clean of debris and silt.	1
Austin County used to have CERT where individuals were able to learn how to protect themselves and others in case of an emergency. Please look into hosting this class again for education. Involve Rotary, American Legion, Lyons, K/C Hall and Churches for hosting classes.	1
Native landscape on private properties and developments, lighting ordinances	1
TXDOT needs to do another study on their flood plan for the newly constructed portion of IH-10 and service road. Find local property owners willing to allow or sell property for flood control features such as retention ponds and or ditches to reroute some of the water.	1
Development of Community Map showing hazard zones.	1
Drainage improvements, generators for public infrastructure, funds for the buyout of homes located in flood risk areas, facility hardening.	1

Hazard Mitigation Plan Survey

How prepared do you feel your household is to endure the impacts of natural hazard events likely to occur within your community?

30 Responses

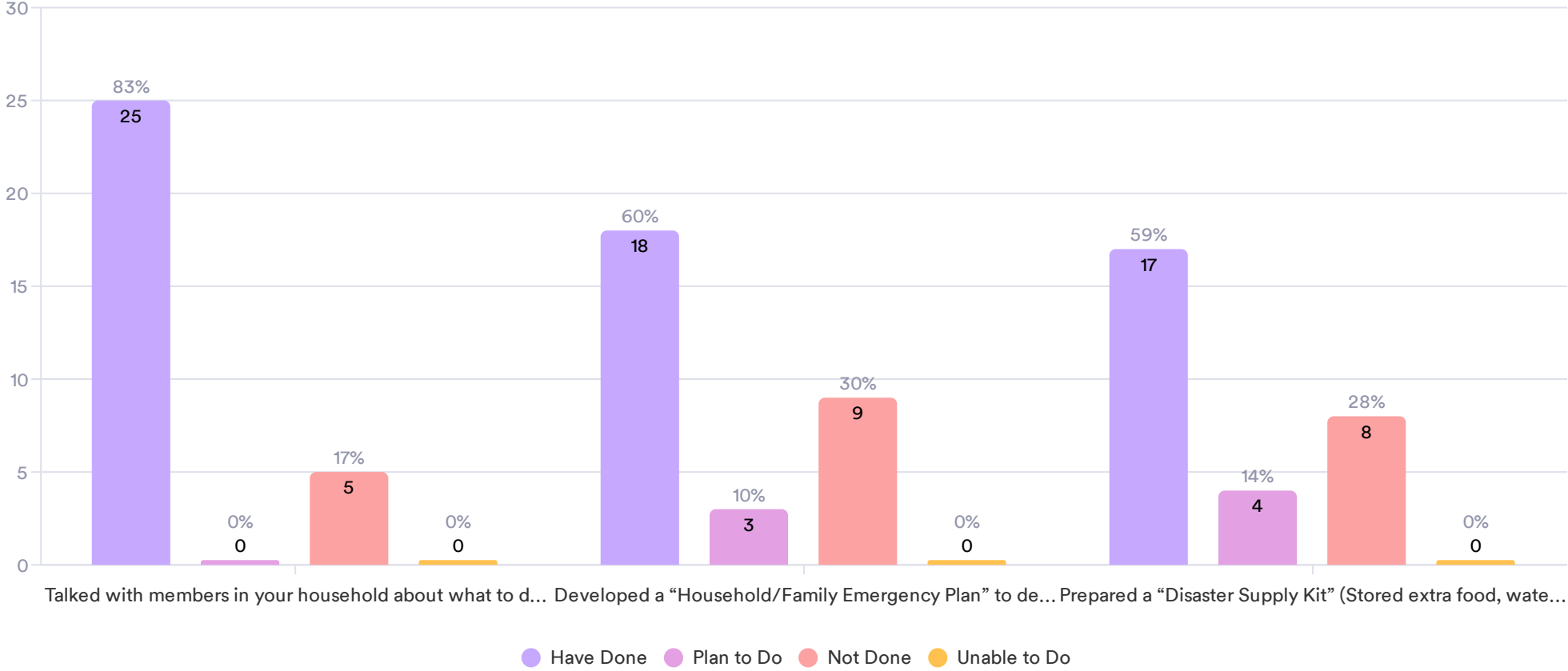


● Somewhat Prepared ● Significantly Prepared ● Not Prepared ● Slightly Prepared

Hazard Mitigation Plan Survey

In your household, have you or another member done any of the following:

30 Responses



Hazard Mitigation Plan Survey

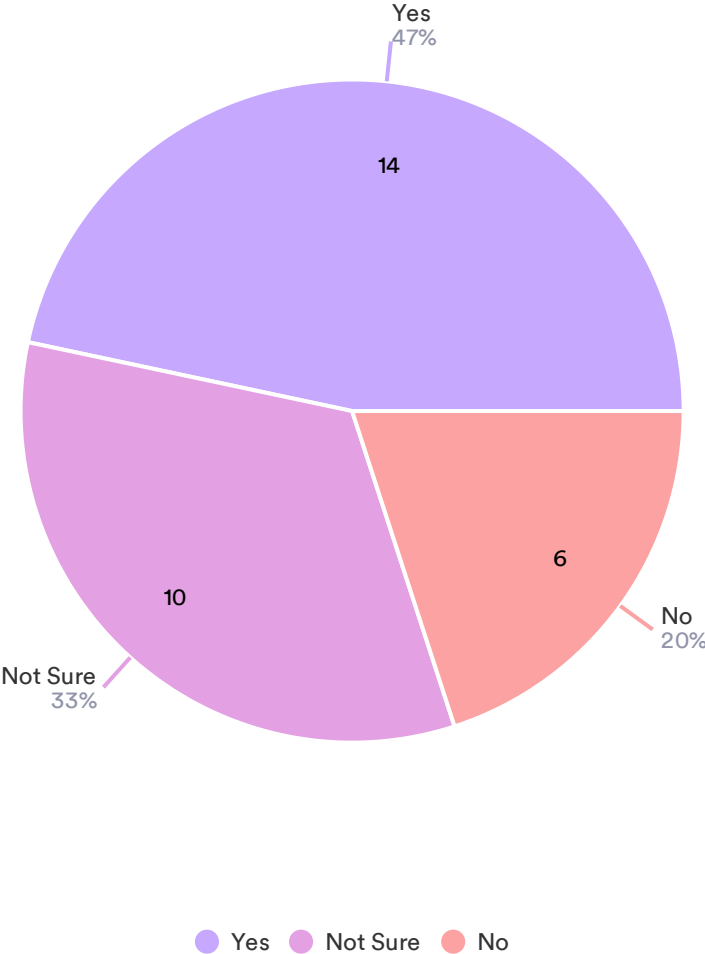
If a disaster occurred today such that all services were cut off from your home (power, gas, water, sewer), and you could not leave or access a store for 72 hours, which of these items do you have readily available? Please check all that apply.

361 Responses



Do you feel emergency services (fire, ambulance, police, hospital, etc.) are adequately prepared to deal with a disaster in your community/city/county?

30 Responses



Hazard Mitigation Plan Survey

Briefly explain why you feel emergency services (fire, ambulance, police, hospital, etc.) are not adequately prepared to deal with a natural disaster in your community/city/county.

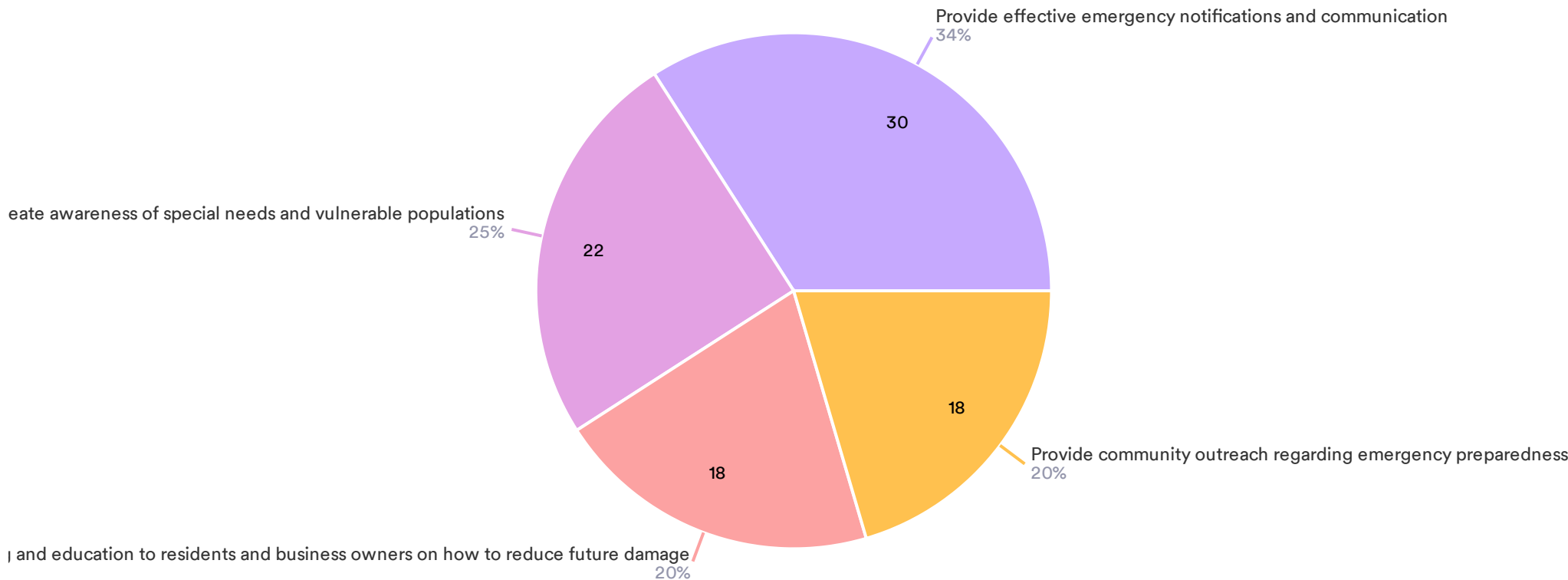
5 Responses

Data	Responses
Too much turnover in all agencies. Volunteers are not as dedicated and committed to training as they used to be. Too much I got this attitude with nothing to back it up.	1
Lack of staffing to deal with widespread events	1
There is no "Emergency Action Plan" published that I know of. Only emergency clinic in town. Katy, Tx closest.	1
They have limited personnel	1
Under staffed with limited water rescue equipment and or training. Most don't likely have 72 hours worth of supplies to sustain their own employees so they can continue to provide adequate service. More local funding needs to be provided for these agencies so they can provide for their employees who in turn can provide safety for the community.	1

Hazard Mitigation Plan Survey

How can the county or city help you become better prepared for a disaster? Check all that apply.

88 Responses

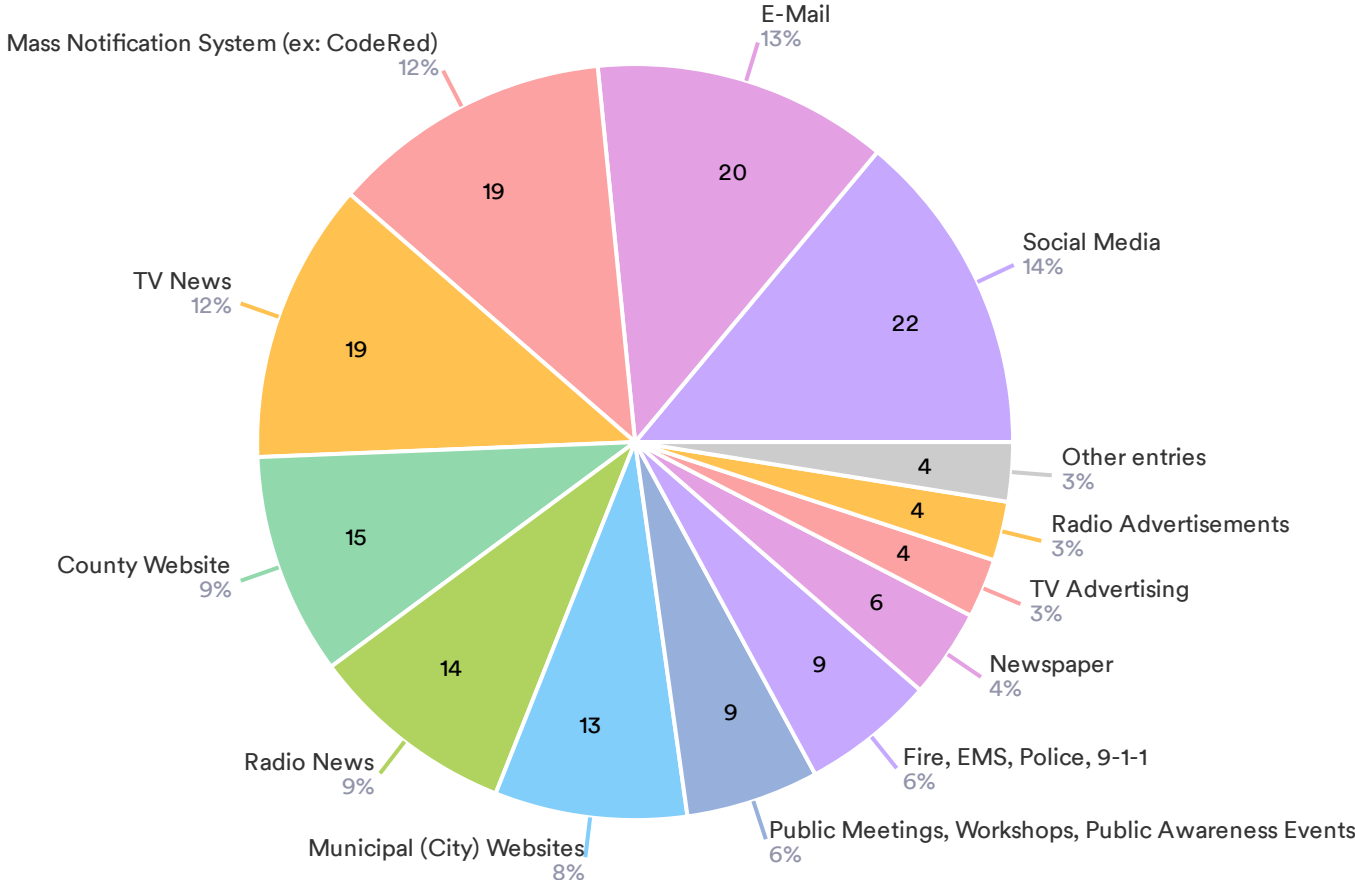


- Provide effective emergency notifications and communication
- Create awareness of special needs and vulnerable populations
- Provide training and education to residents and business owners on how to reduce future damage
- Provide community outreach regarding emergency preparedness

Hazard Mitigation Plan Survey

How do you receive your information concerning a disaster? (Check all that apply)

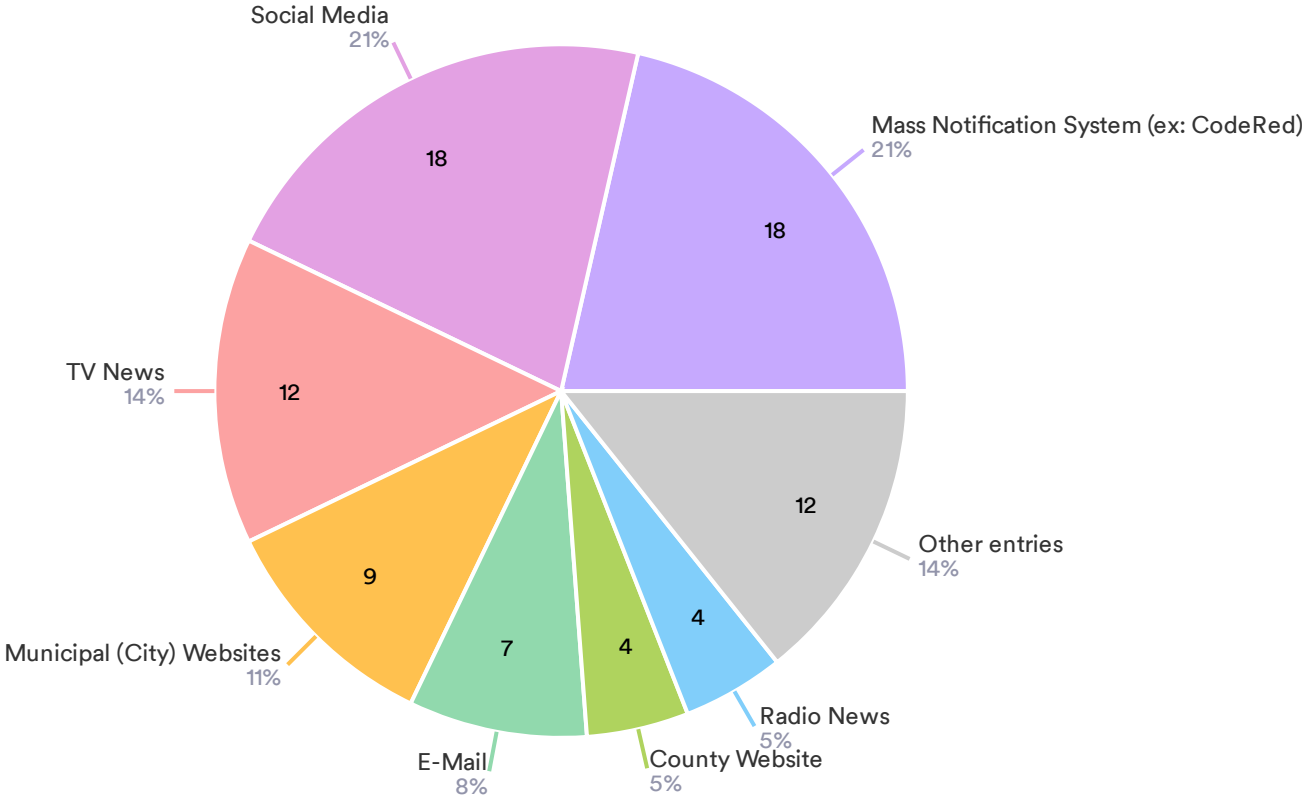
158 Responses



Hazard Mitigation Plan Survey

Of the communication methods listed, identify the top 3 methods that would be most effective for you to receive information and help to make your household, home, or business safer from disasters. (You may ONLY select 3)

84 Responses



Hazard Mitigation Plan Survey

Do you have any other comments, questions, or concerns regarding hazard mitigation in Austin County?

7 Responses

Data	Responses
No	2
I would like to have more hands on information on preparation grants	1
Funding desperately needed	1
PLEASE ADDRESS THE DRAINAGE ISSUES WITHIN THE CITY OF SEALY CITY LIMITS! We are expecting a population explosion over the next 5 to 10 years and our storm water drainage system is not ready for that. Sealy is the most populated area in Austin county. Money spent in Sealy will have the biggest impact on the most amount of households and businesses. Places of concern are along Allen’s creek, westview, Westview terrace, junior high school, Kathy and tauber streets, all along the westbound frontage road of I10, hwy 36 and the East side.	1
Thank you for this survey. It made me think about how much or how little water I have in case of an emergency.	1
Recommendation of each city installing an electronic message board sign in a central location for public announcements.	1

Thank You!

Hazard Mitigation Plan Survey

Appendix F

PLAN ADOPTION



HAZARD MITIGATION PLAN
FOR
AUSTIN COUNTY, TEXAS
2024

Adopted in Commissioner's Court
On this 25th day of March, 2024

A handwritten signature in blue ink, appearing to read "T. Lapham".

Tim Lapham, Austin County Judge



Austin County 2024 Hazard Mitigation Plan Resolution

WHEREAS, Certain areas of Austin County are subject to periodic flooding and other natural hazards with the potential to cause damage to people's properties within the area; and

WHEREAS, Austin County desires to prepare and mitigate for such circumstances; and

WHEREAS, Under the Disaster Mitigation Act of 2000, the United States Federal Emergency Management Agency (FEMA) requires that local jurisdiction have in place a FEMA-approved Hazard Mitigation Action Plan as a condition of receipt of certain future Federal mitigation funding after November 1, 2004; and

WHEREAS, the Houston-Galveston Area Council of Governments (H-GAC) in partnership with Austin County Office of Emergency Management, in order to meet this requirement, have initiated the development of a multijurisdictional Hazard Mitigation Plan for Austin County, which includes the County of Austin as a participating jurisdiction.

NOW, THEREFORE, BE IT RESOLVED, that Commissioner's Court of Austin County hereby; Adopts the 2024 Austin County Hazard Mitigation Plan; and

Vests the Emergency Management Coordinator with the responsibility, authority, and the means to:

- a) Inform all concerned parties of this action
- b) Develop an addendum to this Hazard Mitigation Plan if the county's unique situation warrants such an addendum.

Appoints the Emergency Management Coordinator to assure that the Hazard Mitigation Plan be reviewed at least annually and that any needed adjustment to Austin County's addendum to the Hazard Mitigation Plan be developed and presented to the Austin County Commissioners' Court for consideration.

Agrees to take such other official action as may be reasonably necessary to carry out the objectives of the Hazard Mitigation Plan.

Adopted on this 25 day of March, 2024.

A handwritten signature in blue ink, appearing to read "Tim Lapham", is written over a horizontal line.

Tim Lapham, Austin County Judge

RESOLUTION NO. 1685

A RESOLUTION OF THE CITY OF BELLVILLE TO ADOPT THE HAZARD MITIGATION PLAN FOR H-GAC REGION

WHEREAS, certain areas of the City of Bellville are subject to periodic flooding and other natural hazards with the potential to cause damages to people and properties within the area; and

WHEREAS, the City of Bellville desires to prepare and mitigate for such circumstances; and

WHEREAS, under the Disaster Mitigation Act of 2000, the United States Federal Emergency Management Agency (FEMA) requires that local jurisdictions have in place a FEMA-approved Hazard Mitigation Plan as a condition of receipt of certain future federal funding after November 1, 2004; and

WHEREAS, the Houston-Galveston Area Council of Governments (H-GAC) in partnership with Austin County Office of Emergency Management, in order to meet this requirement, have initiated the development of a multijurisdictional Hazard Mitigation Plan for Austin County, which includes the City of Bellville as a participating jurisdiction;

NOW THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF BELLVILLE, TEXAS AS FOLLOWS:

1. The City Council adopts the Houston-Galveston Area Council of Governments-Austin County Hazard Mitigation Plan 2024 Update.
2. The City Council vests and appoints Police Chief Jason Smalley with the responsibility, authority, and the means to:
 - a. Inform all concerned parties of this action.
 - b. Develop an addendum to this Hazard Mitigation Plan if the town's unique situation warrants such an addendum.
 - c. Assure that the Hazard Mitigation Plan be reviewed at least annually and that any needed adjustment to the City of Bellville's addendum to the Hazard Mitigation Plan be developed and presented to the City Council of the City of Bellville for consideration.
3. The City Council agrees to take such other official action as may be reasonably necessary to carry out the objectives of the Hazard Mitigation Plan.

PASSED AND APPROVED THIS 16th DAY OF APRIL 2024.

CITY OF BELLVILLE, TEXAS



James Harrison, Mayor

ATTEST:

Rachael Lynch, City Secretary

RESOLUTION NO. 1685

A RESOLUTION OF THE CITY OF BELLVILLE TO ADOPT THE HAZARD MITIGATION PLAN FOR H-GAC REGION

WHEREAS, certain areas of the City of Bellville are subject to periodic flooding and other natural hazards with the potential to cause damages to people and properties within the area; and

WHEREAS, the City of Bellville desires to prepare and mitigate for such circumstances; and

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 - a. Inform all concerned parties of this action.
 - b. Develop an addendum to this Hazard Mitigation Plan if the town's unique situation warrants such an addendum.
 - c. Assure that the Hazard Mitigation Plan be reviewed at least annually and that any needed adjustment to the City of Bellville's addendum to the Hazard Mitigation Plan be developed and presented to the City Council of the City of Bellville for consideration.
3. The City Council agrees to take such other official action as may be reasonably necessary to carry out the objectives of the Hazard Mitigation Plan.

PASSED AND APPROVED THIS 16th DAY OF APRIL 2024.

CITY OF BELLVILLE, TEXAS



James Harrison, Mayor

ATTEST:

Rachael Lynch, City Secretary

**Adoption of the Hazard Mitigation Plan
for the H-GAC Region**

WHEREAS, certain areas of Bellville ISD are subject to periodic flooding and other natural hazards with the potential to cause damages to people properties within the area; and

WHEREAS, Bellville ISD desires to prepare and mitigate for such circumstances;
and

WHEREAS, under the Disaster Mitigation Act of 2000, the United States Federal Emergency Management Agency (FEMA) requires that local jurisdictions have in place a FEMA-approved Hazard Mitigation Action Plan as a condition of receipt of certain future Federal mitigation funding after November 1, 2004; and

WHEREAS, the local government entities in the H-GAC Region, in order to meet this requirement, have initiated development of a regional, multi-jurisdictional Hazard Mitigation Plan, including Bellville ISD.

NOW, THEREFORE, be it resolved, that this School Board of Bellville ISD hereby:

Adopts the Houston-Galveston Area Council of Governments Regional Hazard Mitigation Plan;
and;

Vests the Superintendent or Superintendent's designee with the responsibility, authority, and the means to:

- (a) Inform all concerned parties of this action.
- (b) Develop an addendum to this Hazard Mitigation Plan if the town's unique situation warrants such an addendum.

Appoints Superintendent or Superintendent's designee to assure that the Hazard Mitigation Plan be reviewed at least annually and that any needed adjustment to Bellville ISD addendum to the Hazard Mitigation Plan be developed and presented to the Bellville ISD School Board for consideration.

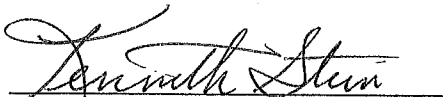
Agrees to take such other official action as may be reasonably necessary to carry out the objectives of the Hazard Mitigation Plan.

ADOPTED this the 25th day of April, 2024.



Bellville ISD School Board President

4/25/24
Date



Bellville ISD School Board Secretary

4/25/24
Date

RESOLUTION 2024-02
FOR ADOPTION OF THE HAZARD MITIGATION PLAN UPDATE
FOR THE H-GAC REGION

WHEREAS, certain areas of the City of Brazos Country are subject to periodic flooding and other natural hazards with the potential to cause damages to people and properties within the area; and

WHEREAS, the City of Brazos Country desires to prepare and mitigate for such circumstances; and

WHEREAS, under the Disaster Mitigation Act of 2000, the United States Federal Emergency Management Agency (FEMA) requires that local jurisdictions have in place a FEMA approved Hazard Mitigation Action Plan as a condition of receipt of certain future Federal mitigation funding after November 1, 2004; and

WHEREAS, the Houston-Galveston Area Council of Governments in partnership with Austin County Office of Emergency Management, in order to meet this requirement, have initiated development of a regional, multi-jurisdictional Hazard Mitigation Plan for Austin County, which includes the City of Brazos Country

NOW, THEREFORE, be it resolved, that the City of Brazos Country City Council hereby:

Adopts the Houston-Galveston Area Council of Governments Austin County Hazard Mitigation Plan 2024 Update; and

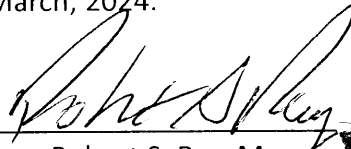
Vests the Mayor with the responsibility, authority, and the means to:

- (a) Inform all concerned parties of this action.
- (b) Develop an addendum to this Hazard Mitigation Plan if the City's unique situation warrants such an addendum.

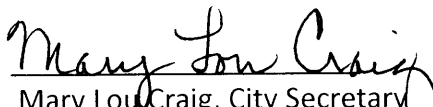
Appoints the Mayor of the City to assure that the Hazard Mitigation Plan be reviewed at least annually and that any needed adjustment to the City of Brazos Country's addendum to the Hazard Mitigation Plan be developed and presented to the City Council of the City of Brazos Country for consideration.

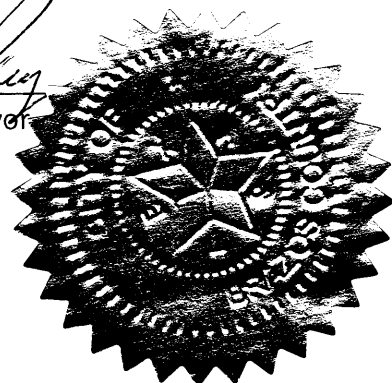
Agrees to take such other official action as may be reasonably necessary to carry out the objectives of the Hazard Mitigation Plan.

ADOPTED this the 21st day of March, 2024.


Robert S. Ray, Mayor

ATTEST:


Mary Lou Craig, City Secretary





RESOLUTION 2024-1

WHEREAS, certain areas of the City of Industry are subject to periodic flooding and other natural hazards with the potential to cause damage to people and properties within the area; and

WHEREAS, the City of Industry desires to prepare and mitigate for such circumstances; and

WHEREAS, under the Disaster Mitigation Act of 2000, the United States Federal Emergency Management Agency (FEMA) requires that local jurisdictions have in place a FEMA-approved Hazard Mitigation Plan as a condition of receipt of certain future federal mitigation funding after November 1, 2004; and

WHEREAS, the Houston-Galveston Area Council of Governments (H-GAC) in partnership with the Austin County Office of Emergency Management, in order to meet this requirement, have initiated and completed the development of a Hazard Mitigation Plan for Austin County;

NOW, therefore, be it resolved, that the City of Industry, City Council hereby;

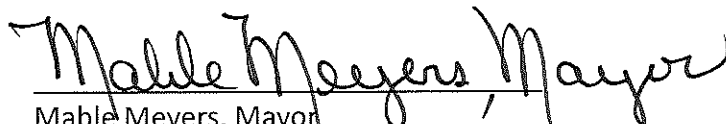
Adopts the Austin County Hazard Mitigation Plan; and Vests the Mayor of the City of Industry, with the responsibility, authority, and the means to:


- (a) Inform all concerned parties of this action
- (b) Develop an addendum to this Hazard Mitigation Plan if the city's unique situation warrants such an addendum.

Appoints the Mayor of the City to ensure that the Hazard Mitigation Plan is reviewed at least annually and that any needed adjustment to the Hazard Mitigation Plan is developed and presented to the City of Industry City Council for consideration.

Agrees to take such other official action as may be reasonably necessary to carry out the objectives of the Hazard Mitigation Plan.

PASSED AND APPROVED on this the 20th day of March.


 Mable Meyers, Mayor

ATTEST:

 Alicia Eckermann, City Secretary

A Resolution Adopting the 2024 Austin County Hazard Mitigation Plan Update

The Brazos Independent School District resolves as follows:

WHEREAS, the Federal Disaster Mitigation Act of 2000 requires that for all disasters declared on or after November 1, 2004, applicants for sub-grants following any disaster must have an approved Natural Hazard Mitigation Plan in accordance with 44CFR 201.6 prior to receipt of Hazard Mitigation Grant Program project funding; and

WHEREAS, the Federal Disaster Mitigation Act of 2000 requires that for Pre-Disaster Mitigation grant program project funding on or after November 1, 2003, applicants must have an approved Hazard Mitigation Plan in accordance with 44CFR 201.6 prior to receipt of project funding; and

WHEREAS, the Hazard Mitigation Plan Update represents the commitment of the Brazos Independent School District along with other surrounding participating jurisdictions and government entities to reduce the risks from natural, man-made and technological hazards, serving as a guide for decision-makers as they commit resources to reduce the effects of hazards, and it is in the public interest to proceed with the planning process promptly; and

WHEREAS, the Brazos Independent School District has participated with the Houston-Galveston Area Council and the Austin County Department of Emergency Management in the development of the County's Hazard Mitigation Plan Update, and recognizes the economic loss, personal injury, and damage that can arise from these hazards; and

WHEREAS, reduction of these impacts can be achieved through a comprehensive coordinated planning process which includes an updated risk assessment that provides the factual basis for activities proposed in the mitigation strategies to reduce losses and vulnerabilities, a five-year cycle for plan maintenance, and documentation of formal adoption by the Brazos Independent School District; and


WHEREAS, the Brazos Independent School District has determined that it is in the best interest of the district to have an active hazard mitigation planning effort to reduce the long-term risks from natural hazards to school facilities;


NOW, THEREFORE, BE IT RESOLVED by the Board of Trustees of the Brazos Independent School District as follows:


The Brazos Independent School District adopts the 2024 Austin County Hazard Mitigation Plan Update.


ADOPTED by the Board of Directors this 24th day of April, 2024, in regular, open session.


Board of Trustees:














Board President, Myles Marek

Board Vice-President, Tiffani Shirley

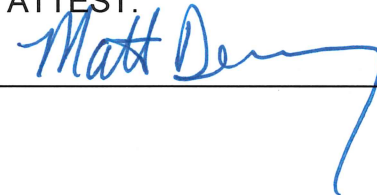
Board Member, Brian Demny

Board Member, Tammy McCain

Board Member, Justin Richardson

Board Member, Jenny Stroud

ATTEST:



Secretary to the Board, Matt Demny



RESOLUTION 2024-1

WHEREAS, certain areas of the City of Industry are subject to periodic flooding and other natural hazards with the potential to cause damage to people and properties within the area; and

WHEREAS, the City of Industry desires to prepare and mitigate for such circumstances; and

WHEREAS, under the Disaster Mitigation Act of 2000, the United States Federal Emergency Management Agency (FEMA) requires that local jurisdictions have in place a FEMA-approved Hazard Mitigation Plan as a condition of receipt of certain future federal mitigation funding after November 1, 2004; and

WHEREAS, the Houston-Galveston Area Council of Governments (H-GAC) in partnership with the Austin County Office of Emergency Management, in order to meet this requirement, have initiated and completed the development of a Hazard Mitigation Plan for Austin County;

NOW, therefore, be it resolved, that the City of Industry, City Council hereby;

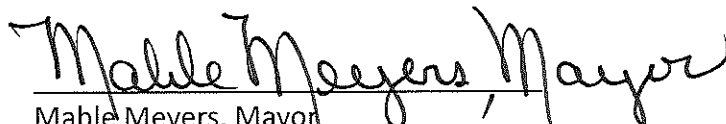
Adopts the Austin County Hazard Mitigation Plan; and Vests the Mayor of the City of Industry, with the responsibility, authority, and the means to:


- (a) Inform all concerned parties of this action
- (b) Develop an addendum to this Hazard Mitigation Plan if the city's unique situation warrants such an addendum.

Appoints the Mayor of the City to ensure that the Hazard Mitigation Plan is reviewed at least annually and that any needed adjustment to the Hazard Mitigation Plan is developed and presented to the City of Industry City Council for consideration.

Agrees to take such other official action as may be reasonably necessary to carry out the objectives of the Hazard Mitigation Plan.

PASSED AND APPROVED on this the 20th day of March.


 Mable Meyers, Mayor

ATTEST:

 Alicia Eckermann, City Secretary

RESOLUTION NO. R-2024-2

A RESOLUTION OF THE TOWN OF SAN FELIPE, TEXAS, APPROVING AND ADOPTING THE HOUSTON-GALVESTON AREA COUNCIL OF GOVERNMENTS-AUSTIN COUNTY HAZARD MITIGATION PLAN 2024 UPDATE; AUTHORIZING THE MAYOR TO EXECUTE ALL NECESSARY DOCUMENTS; PROVIDING FOR A SEVERABILITY CLAUSE; PROVIDING FOR REPEALER; PROVIDING FOR AN EFFECTIVE DATE; AND PROVIDING FOR AN OPEN MEETINGS CLAUSE.

WHEREAS, certain areas of the Town of San Felipe (“Town”) are subject to periodic flooding and other natural hazards that have the potential to cause damage to people and properties within the areas; and

WHEREAS, under the Disaster Mitigation Act of 2000, the United States Federal Emergency Management Agency (“FEMA”) requires that local jurisdictions have in place a FEMA-approved Hazard Mitigation Plan as a condition of receipt of certain future Federal mitigation funding after November 1, 2004; and

WHEREAS, the Town Council desires to prepare and mitigate such circumstances; and

WHEREAS, the Houston-Galveston Area Council of Governments (H-GAC) in partnership with Austin County Office of Emergency Management has initiated the development of a multijurisdictional Hazard Mitigation Plan in order to meet this requirement for Austin County, which includes the Town of San Felipe as a participating jurisdiction;

WHEREAS, the Town Council desires to authorize the Mayor to execute all documents related to the Hazard Mitigation Plan 2024 Update; and

WHEREAS, the Town Council finds this Resolution necessary and proper to approve the plan.

NOW, THEREFORE, BE IT RESOLVED BY THE TOWN COUNCIL FOR THE TOWN OF SAN FELIPE, TEXAS, THAT:

SECTION 1. The foregoing recitals are incorporated into this Resolution by reference as findings of fact as if expressly set forth herein.

SECTION 2. The Town Council hereby approves and adopts the Houston-Galveston Area Council of Governments-Austin County Hazard Mitigation Plan 2024 Update, which shall be attached hereto as Attachment A and incorporated herein as if expressly set forth herein.

SECTION 3. The Town Council hereby authorizes the Mayor to execute on behalf of the Town of San Felipe all documents necessary to effectuate the Plan.

SECTION 4. It is hereby declared to be the intention of the Town Council that the sections, paragraphs, sentences, clauses, and phrases of this Resolution are severable and if any phrase, sentence, paragraph, or section of this Resolution should be declared invalid by the final judgment or decree of any court of competent jurisdiction, such invalidity shall not affect any of the remaining phrases, clauses, sentences, paragraphs and sections of this Resolution, since the same would have been enacted by the Town Council without the incorporation of this Resolution of any such invalid phrase, clause, sentence, paragraph or section. If a court of competent jurisdiction shall adjudge any provision of this Resolution to be invalid, the invalidity shall not affect other provisions or applications of this Resolution that can be given effect without the invalid provision, and to this end the provisions of this Resolution are declared to be severable.

SECTION 5. All resolutions or parts of resolutions and sections of the Town Code of Ordinances in conflict with this Resolution are hereby repealed to the extent of such conflict.

SECTION 6. This Resolution shall take effect immediately from and after its passage and publication in accordance with the provisions of the Texas Local Government Code.

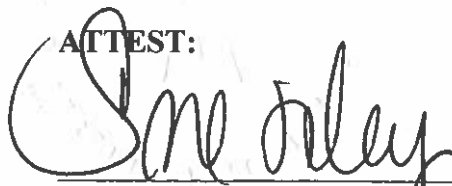
SECTION 7. It is hereby officially found and determined that the meeting at which this Resolution is passed was open to the public as required, and that public notice of the time, place, and purpose of said meeting was given as required by the Open Meetings Act, Texas Government Code, Chapter 551.

PASSED and **APPROVED** on the first reading this the 9th day of April ^{BB}~~March~~ 2024.

TOWN OF SAN FELIPE:


Bobby Byars, Mayor

ATTEST:


Sue Foley, Town Secretary

RESOLUTION NO. 2024-10

**A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SEALY, TEXAS,
ADOPTING THE HAZARD MITIGATION PLAN FOR THE HOUSTON-
GALVESTON AREA COUNCIL REGION.**

WHEREAS, certain areas of the City of Sealy, Texas ("City") are subject to periodic flooding and other natural hazards with the potential to cause damages to people and properties within the area; and

WHEREAS, the City of Sealy desires to prepare and mitigate for such circumstances; and

WHEREAS, under the Disaster Mitigation Act of 2000, the United States Federal Emergency Management Agency (FEMA) requires that local jurisdictions have in place a FEMA-approved Hazard Mitigation Plan as a condition of receipt of certain future federal funding after November 1, 2024; and

WHEREAS, the Houston-Galveston Area Council of Governments (H-GAC) in partnership with Austin County Office of Emergency Management, in order to meet this requirement, have initiated the development of a multijurisdictional Hazard Mitigation Plan for Austin County, which includes the City of Sealy as a participating jurisdiction;

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF SEALY, TEXAS,

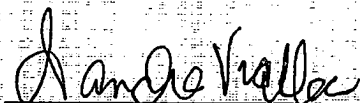
1. The City adopts the Houston-Galveston Area Council of Governments – Austin County Hazard Mitigation Plan 2024 Update, which is attached hereto and incorporated herein for all purposes as Exhibit "A"; and
2. The City vests the Mayor with the responsibility, authority, and the means to:
 - Inform all concerned parties of this action; and
 - Develop an addendum to this Hazard Mitigation Plan if the City's unique situation warrants such an addendum.
3. The City appoints the City Manager or his designee to assure that the Hazard Mitigation Plan be reviewed at least annually and that any needed adjustment to the City's addendum to the Hazard Mitigation Plan be developed and presented to the City Council for consideration.
4. The City agrees to take such other official action as may be reasonably necessary to carry out the objectives of the Hazard Mitigation Plan.

PASSED and ADOPTED this 2nd day of April, 2024.



Carolyn Bilski, Mayor

ATTEST:



Sandra Vrabec, City Secretary

Resolution Number 2024-05-22

A Resolution Adopting the 2024 Austin County Hazard Mitigation Plan Update

The Sealy Independent School District resolves as follows:

WHEREAS, the Federal Disaster Mitigation Act of 2000 requires that for all disasters declared on or after November 1, 2004, applicants for sub-grants following any disaster must have an approved Natural Hazard Mitigation Plan in accordance with 44CFR 201.6 prior to receipt of Hazard Mitigation Grant Program project funding; and

WHEREAS, the Federal Disaster Mitigation Act of 2000 requires that for Pre-Disaster Mitigation grant program project funding on or after November 1, 2003, applicants must have an approved Hazard Mitigation Plan in accordance with 44CFR 201.6 prior to receipt of project funding; and

WHEREAS, the Hazard Mitigation Plan Update represents the commitment of the Sealy Independent School District along with other surrounding participating jurisdictions and government entities to reduce the risks from natural, man-made and technological hazards, serving as a guide for decision-makers as they commit resources to reduce the effects of hazards, and it is in the public interest to proceed with the planning process promptly; and

WHEREAS, the Sealy Independent School District has participated with the Houston-Galveston Area Council and the Austin County Department of Emergency Management in the development of the County's Hazard Mitigation Plan Update, and recognizes the economic loss, personal injury, and damage that can arise from these hazards; and

WHEREAS, reduction of these impacts can be achieved through a comprehensive coordinated planning process which includes an updated risk assessment that provides the factual basis for activities proposed in the mitigation strategies to reduce losses and vulnerabilities, a five-year cycle for plan maintenance, and documentation of formal adoption by the Sealy Independent School District; and

WHEREAS, the Sealy Independent School District has determined that it is in the best interest of the district to have an active hazard mitigation planning effort to reduce the long-term risks from natural hazards to school facilities;

NOW, THEREFORE, BE IT RESOLVED by the Board of Trustees of the Sealy Independent School District as follows:

The Sealy Independent School District adopts the 2024 Austin County Hazard Mitigation Plan Update.

ADOPTED by the Board of Trustees this 22nd day of May, 2024, in regular, open session.

Board of Trustees:







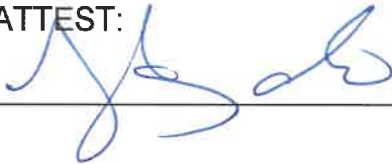






Board President
Board Vice-President
Board Member
Board Member
Board Member
Board Member

ATTEST:



Secretary to the Board

RESOLUTION NO. 2024-01

FOR ADOPTION OF THE HAZARD MITIGATION PLAN

FOR THE H-GAC REGION

WHEREAS, under the Disaster Mitigation Act of 2000, the United States Federal Emergency Management Agency (FEMA) requires that local jurisdictions have in place a FEMA-approved Hazard Mitigation Plan as a condition of receipt of certain future federal funding after November 1, 2004; and

WHEREAS, **the Houston-Galveston Area Council of Governments (H-GAC) in partnership with Austin County Office of Emergency Management, in order to meet this requirement, have initiated the development of a multijurisdictional Hazard Mitigation Plan for Austin County, which includes the City of South Frydek as a participating jurisdiction;**

NOW, therefore, be it resolved, that the City Commission for the City of South Frydek Texas hereby; **Adopts the Houston-Galveston Area Council of Governments – Austin County Hazard Mitigation Plan 2024 Update;**

Dated this 11th day of April 2024 by Order of the City Commission of South Frydek

Signed _____
Mayor of South Frydek

Jaura C. Meyer

RESOLUTION 2024-05

WHEREAS, certain areas of the City of Wallis are subject to periodic flooding and other natural hazards with the potential to cause damage to people and properties within the area; and

WHEREAS, the City of Wallis desires to prepare and mitigate for such circumstances; and

WHEREAS, under the Disaster Mitigation Act of 2000, the United States Federal Emergency Management Agency (FEMA) requires that local jurisdictions have in place a FEMA-approved Hazard Mitigation Plan as a condition of receipt of certain future federal mitigation funding after November 1, 2004; and

WHEREAS, the Houston-Galveston Area Council of Governments (H-GAC) in partnership with Austin County Office of Emergency Management, in order to meet this requirement, have initiated development of a multijurisdictional Hazard Mitigation Plan for Austin County, which includes the City of Wallis as a participating jurisdiction;

NOW, therefore, be it resolved, that the City of Wallis, City Council hereby;
Adopts the Houston-Galveston Area Council of Governments – Austin County Hazard Mitigation Plan 2024 Update; and Vests the Mayor of the City of Wallis, with the responsibility, authority, and the means
to:

- (a) Inform all concerned parties of this action

- (b) Develop an addendum to this Hazard Mitigation Plan if the town's unique situation warrants such an addendum.

Appoints Mayor of the City to assure that the Hazard Mitigation Plan be reviewed at least annually and that any needed adjustment to the City of Wallis addendum to the Hazard Mitigation Plan be developed and presented to the City of Wallis, City Council for consideration.

Agrees to take such other official action as may be reasonably necessary to carry out the objectives of the Hazard Mitigation Plan.

PASSED AND APPROVED on this the 20th day of March 2024


Preston Little, Mayor

ATTEST:

Sheila Moseley, City Secretary