

Ben Hill County

Pre-Disaster Mitigation Plan

Table of Contents

Chapter 1

Introduction

I.	Purpose and Need	1
	Authority and Statement of Problem	1
	Purpose of the Plan	2
II.	Local Methodology	2
	Brief Description of the Planning Process	2
	Participants in the Planning Process	3
III.	Organization of the Plan	4
IV.	Local Hazard, Risk and Vulnerability (HRV) Summary.....	4
	Local Mitigation Goals and Objectives	5
V.	Multi-Jurisdictional Special Considerations (HRV, Goals, Special Needs)	5
VI.	Adoption, Implementation, Monitoring and Evaluation.....	5
VII.	Local Resolution for Plan Adoption	5
VIII.	Past and Current Mitigation Projects	5
IX.	Community Data.....	6

Chapter 2

Local Natural Hazard, Risk and Vulnerability (HRV) Summary

I.	Hurricanes/Tropical Storms	
A.	Identify Hurricanes/Tropical Storms	2
B.	Profile Events, Frequency of Occurrence, Probability	2
C.	Inventory Assets Exposed to Hurricanes./Tropical Storms	3
D.	Estimate Potential Losses to Hurricanes/Tropical Storms.....	3
E.	Land Use and Development Trends Related to Hurricanes/ Tropical Storms.....	3
F.	Multi-Jurisdictional Hurricanes/Tropical Storms Differences.....	3
G.	General Overall HRV Summary of Hurricanes/Tropical Storms....	5

II.	Tornadoes	
A.	Identify Tornadoes	5
B.	Profile Events, Frequency of Occurrence, Probability	7
C.	Inventory Assets Exposed to Tornadoes	7
D.	Estimate Potential Losses to Tornadoes	8
E.	Land Use and Development Trends Related to Tornadoes	8
F.	Multi-Jurisdictional Tornadoes Differences	8
G.	General Overall HRV Summary of Tornadoes.....	10
III.	Flood	
A.	Identify Flood.....	11
B.	Profile Events, Frequency of Occurrence, Probability	11
C.	Inventory Assets Exposed to Flood	12
D.	Estimate Potential Losses to Flood.....	12
E.	Land Use and Development Trends Related to Flood.....	12
F.	Multi-Jurisdictional Flood Differences.....	13
G.	General Overall HRV Summary of Flood	14
IV.	Lightning	
A.	Identify Lightning	15
B.	Profile Events, Frequency of Occurrence, Probability	15
C.	Inventory Assets Exposed to Lightning.....	15
D.	Estimate Potential Losses to Lightning.....	15
E.	Land Use and Development Trends Related to Lightning.....	16
F.	Multi-Jurisdictional Lightning Differences	16
G.	General Overall HRV Summary of Lightning.....	16
V.	Wildfire	
A.	Identify Wildfire	16
B.	Profile Events, Frequency of Occurrence, Probability	16
C.	Inventory Assets Exposed to Wildfire	17
D.	Estimate Potential Losses to Wildfire.....	17
E.	Land Use and Development Trends Related to Wildfire.....	17
F.	Multi-Jurisdictional Wildfire Differences.....	17
G.	General Overall HRV Summary of Wildfire	19
VI.	Extreme Heat	
A.	Identify Heat	20
B.	Profile Events, Frequency of Occurrence, Probability	20
C.	Inventory Assets Exposed to Heat	20
D.	Estimate Potential Losses to Heat.....	20
E.	Land Use and Development Trends Related to Heat.....	21
F.	Multi-Jurisdictional Heat Differences.....	21
G.	General Overall HRV Summary of Heat	21

VII.	Drought	
A.	Identify Drought.....	21
B.	Profile Events, Frequency of Occurrence, Probability	21
C.	Inventory Assets Exposed to Drought	22
D.	Estimate Potential Losses to Drought	22
E.	Land Use and Development Trends Related to Drought	23
F.	Multi-Jurisdictional Drought Differences.....	23
G.	General Overall HRV Summary of Drought	23

Chapter 3

Local Technological Hazard, Risk and Vulnerability (HRV) Summary

I.	Hazardous Materials Release	
A.	Identify Hazardous Materials Release	1
B.	Profile Events, Frequency of Occurrence, Probability	1
C.	Inventory Assets Exposed to HMR.....	2
D.	Estimate Potential Losses to HMR	3
E.	Land Use and Development Trends Related to HMR	3
F.	Multi-Jurisdictional HMR Differences.....	3
G.	General Overall HRV Summary of HMR	3

Chapter 4

Local Natural Hazard Mitigation Goals and Objectives

Overall Community Mitigation Goals, Policies and Values Narrative.....	1
--	---

I.	Hurricanes/Tropical Storms	
A.	Community Mitigation Goals	2
B.	Identification and Analysis of Range of Mitigation Options.....	2
C.	Mitigation Strategy and Recommendations.....	3
D.	Special Multi-jurisdictional Strategy and Considerations	6
E.	Local Public Information and Awareness Strategy	6
II.	Tornadoes	
A.	Community Mitigation Goals	6
B.	Identification and Analysis of Range of Mitigation Options.....	6
C.	Mitigation Strategy and Recommendations.....	7
D.	Special Multi-jurisdictional Strategy and Considerations	10
E.	Local Public Information and Awareness Strategy	10
III.	Flood	
A.	Community Mitigation Goals	10
B.	Identification and Analysis of Range of Mitigation Options.....	10
C.	Mitigation Strategy and Recommendations.....	11
D.	Special Multi-jurisdictional Strategy and Considerations	14
E.	Local Public Information and Awareness Strategy	14

IV.	Lightning	
A.	Community Mitigation Goals	15
B.	Identification and Analysis of Range of Mitigation Options.....	15
C.	Mitigation Strategy and Recommendations.....	15
D.	Special Multi-jurisdictional Strategy and Considerations	16
E.	Local Public Information and Awareness Strategy	16
V.	Wildfires	
A.	Community Mitigation Goals	17
B.	Identification and Analysis of Range of Mitigation Options.....	17
C.	Mitigation Strategy and Recommendations.....	17
D.	Special Multi-jurisdictional Strategy and Considerations	18
E.	Local Public Information and Awareness Strategy	18
VI.	Extreme Heat	
A.	Community Mitigation Goals	18
B.	Identification and Analysis of Range of Mitigation Options.....	19
C.	Mitigation Strategy and Recommendations.....	19
D.	Special Multi-jurisdictional Strategy and Considerations	20
E.	Local Public Information and Awareness Strategy	20
VII.	Drought	
A.	Community Mitigation Goals	20
B.	Identification and Analysis of Range of Mitigation Options.....	20
C.	Mitigation Strategy and Recommendations.....	21
D.	Special Multi-jurisdictional Strategy and Considerations	22
E.	Local Public Information and Awareness Strategy	23

Chapter 5

Local Technological Hazard Mitigation Goals and Objectives

Overall Community Mitigation Goals, Policies, and Values.....	1
---	---

I.	Hazardous Materials Release	
A.	Community Mitigation Goals	1
B.	Identification and Analysis of Range of Mitigation Options.....	2
C.	Mitigation Strategy and Recommendations.....	3
D.	Special Multi-jurisdictional Strategy and Considerations	5
E.	Local Public Information and Awareness Strategy	5

Chapter 6

Executing the Plan

I.	Implementation Action Plan	
A.	Administrative Actions	1

B.	Authority and Responsibility	1
C.	Prioritization	1
D.	Incorporation of Local PDM Plan Into Other Plans/Planning Measures	2
II.	Evaluation	
A.	Method	2
B.	Timeframe.....	3
C.	Reporting.....	3
III.	Multi-Jurisdictional Strategy and Considerations.....	3
IV.	Plan Update and Maintenance	
A.	Public Involvement	3
B.	Timeframe.....	4
C.	Reporting.....	4

Chapter 7

Conclusion

I.	Conclusion Summary.....	1
II.	References.....	2
A.	Publications.....	2
B.	Web Sites	2

Appendices

Appendix A – Hazard Identification, Risk Assessment and Vulnerability		A
I.	Hurricanes/Tropical Storms	A-I
A.	Description.....	1
B.	Data – GEMA Critical Facility Inventory Report.....	2
II.	Tornadoes.....	A-II
A.	Description.....	1
B.	Data – GEMA Critical Facility Inventory Report.....	2
III.	Flood	A-III
A.	Description.....	1
B.	Data – GEMA Critical Facility Inventory Report.....	2
IV.	Lightning.....	A-IV
A.	Description.....	1
B.	Data – GEMA Critical Facility Inventory Report.....	2

V.	Wildfire.....	A-V
	A. Description.....	1
	B. Data – GEMA Critical Facility Inventory Report.....	2
VI.	Extreme Heat	A-VI
	A. Description.....	1
	B. Data	2
VII.	Drought	A-VII
	A. Description.....	1
	B. Data	2
VIII.	Hazardous Materials	1
	A. Description.....	1
	B. Data – GEMA Critical Facility Inventory Report.....	2
Appendix B – Growth and Development Trends		B
I.	Local Comp Plan Executive Summary	B-I
II.	Statistics/Tables from Local Comp Plan.....	B-II
III.	Community Information	B-III
Appendix C – Other Planning Documents.....		C
I.	Executive Summaries.....	1
Appendix D – Worksheets Used in Planning Process		D
I.	Completed GEMA/Local Worksheets	1
II.	Blank GEMA/Local Worksheets	26
Appendix E – Copies of Miscellaneous Planning Documentation.....		E
I.	Public Notices	E-I
II.	Meeting Agendas/Minutes	E-II
III.	Sign-in Sheets	E-III
Appendix F – Hazard Frequency Table		F