

## Table of Contents

Section		Page No.
1.	<b>Forward</b> .....	3
1.1.	Clermont County Hazards .....	3
2.	<b>Clermont County, Ohio Community Information</b> .....	4
2.1.	Clermont County History.....	5
	Clermont County Townships.....	6
	Newspapers.....	6
2.2.	Clermont County Utilities .....	7
2.3.	Census Information.....	7
2.4.	Clermont County Authority to Adopt Plan .....	8
2.5.	Clermont County Emergency Operations Plan .....	8
2.6.	Community Planning and Development.....	9
3.	<b>All Natural Hazards Mitigation Planning Process</b> .....	9
3.1.	Core Group .....	12
3.2.	Public Notification Process and Involvement.....	13
3.3.	Meetings .....	14
	Determination of Hazards - Meeting 1 .....	14
	Determination of Problem Statements and Overall Goals - Meeting 2 .....	14
	Determination of Alternatives and Evaluation Criteria - Meeting 3 and 4.....	17
3.4.	Matrix Development.....	20
3.5.	Public Review .....	20
3.6.	Final Plan Adoption.....	20
4.	<b>State of Natural Disasters and Hazard Assessment for Clermont County</b> .....	20
4.1.	Initial Hazard Determination for Clermont County .....	20
4.2.	Severe Weather History in Clermont County .....	21
	Severe Thunderstorms .....	22
	Winter Storms .....	22
	Wind Chill.....	23
	Winter Storm Watches and Warnings.....	23
	Clermont County Severe Weather Mitigation Efforts .....	23
	Current Development Trends .....	23
	Mitigation Strategy .....	23
	Hazard Assessment and Vulnerability Analyses .....	24
	Matrix Results for Severe Storms .....	24
4.3.	History of Flooding in Clermont County .....	26
	Recent Significant River Flooding Events.....	26
	Flash Flooding .....	26
	Infrastructure and Critical Facilities.....	27
	Repetitive Loss Properties.....	27

## Table of Contents (continued)

	Clermont County Flood Mitigation Efforts .....	40
	Mitigation Strategy .....	40
	Current Development Trends .....	40
	Hazard Assessment and Vulnerability Analyses .....	40
4.4.	Tornado History in Clermont County .....	45
	What is a Tornado? .....	45
	Tornado Map .....	48
	Clermont County Tornado Mitigation Efforts.....	50
	Current Development Trends .....	50
	Mitigation Strategy .....	50
	Hazard Assessment and Vulnerability Analyses .....	50
	Matrix Results for Tornadoes.....	51
4.5.	Landslide History in Clermont County .....	52
	Geologic Conditions of Clermont County.....	52
	Triggers and Catalysts of Landslide Events .....	53
	Preventive Measures and Precautions .....	53
	Landslide Map Summary .....	54
	Clermont County Landslide Mitigation Efforts.....	54
	Recent Landslide Events .....	54
	Hazard Assessment and Vulnerability Analyses .....	54
	Matrix Results for Landslides.....	56
4.6.	Clermont County Drought History .....	57
	Defining Drought.....	57
	Disciplinary Perspectives on Drought .....	57
	Recent Droughts in Clermont County .....	58
	Clermont County Mitigation Efforts .....	58
	Monitoring Drought .....	58
	Palmer Drought Severity Index.....	59
	Low Flows in Area Streams .....	60
	Crop and Vegetation Moisture .....	60
	Grass and Wildfires .....	60
	Hazard Assessment and Vulnerability Analyses .....	60
	Matrix Results for Droughts .....	61
4.7.	Earthquake History in Clermont County, Ohio .....	62
	Clermont County Risk Zone.....	62
	Monitoring of Earthquakes.....	62
	Clermont County Earthquake Mitigation Efforst.....	64
	Current Development Trends .....	64
	Mitigation Strategy .....	65
	Hazard Assessment and Vulnerability Analyses .....	65
	Matrix Results for Earthquakes.....	65

## Table of Contents (continued)

5.	Highest Rated Activities and Action Plan .....	65
----	--	----

<b>6.</b>	<b>Maintenance Plan .....</b>	<b>67</b>
<b>Appendices</b>		
1	Severe Storm History in Clermont County	69-74
2	Flooding History in Clermont County	75-76
3	Core Group Meeting Summaries	77-91
4	Planning Process Participation Invitations	92
5	Notification to Adjacent Communities (copy)	93
6	Critical Facilities Lists Submitted by Clermont County GIS	94-101
7	Clermont County Contacts	102-106