GREENE COUNTY HAZARD MITIGATION PLAN DECEMBER 2025

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GREENE COUNTY OHIO

History, Innovation & Natural Beauty

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1 | Introduction

1.1 Overview

With the 2020 Greene County Hazard Mitigation Plan set to expire in December 2025, Greene County and its constituents are aiming to adopt a new, updated hazard mitigation plan. As outlined in the Disaster Mitigation Act of 2000 (DMA2K), any local jurisdiction seeking funding from the Federal Emergency Management Agency (FEMA) must maintain an up-to-date disaster mitigation plan. This Plan meets the criteria as set forth by FEMA in the DMA2K and provides the County and its participating jurisdictions with a comprehensive guide for future mitigation efforts to combat the hazards that affect their communities.

Natural, geological, and human-caused hazards pose a variety of risks to the lives, businesses, and properties within Greene County. As such, a Core Planning Committee within Greene County has been established with the goal of developing and implementing the 2025 Greene County Hazard Mitigation Plan. Through cooperative efforts between local, county, state, and federal government agencies, this Plan is designed to minimize the adverse effects of hazardous events on the lives and properties of residents of Greene County.

This 2025 Greene County Hazard Mitigation Plan is a multi-jurisdictional plan which considers the impacts of hazards on incorporated cities and villages and unincorporated townships. Greene County's jurisdictions and townships are listed below in **Tables 1.1.1 and 1.1.2**. These areas are also displayed in **Figure 1.1.3** on the following page. The Plan is designed for a five-year implementation period and describes the methods and procedures utilized in its development, provides the results of community involvement activities such as survey collection, identifies the mitigation activities determined to be the most important to the County, and establishes a timeline for the implementation of the actions.

Table 1.1.1: Greene County Jurisdictions

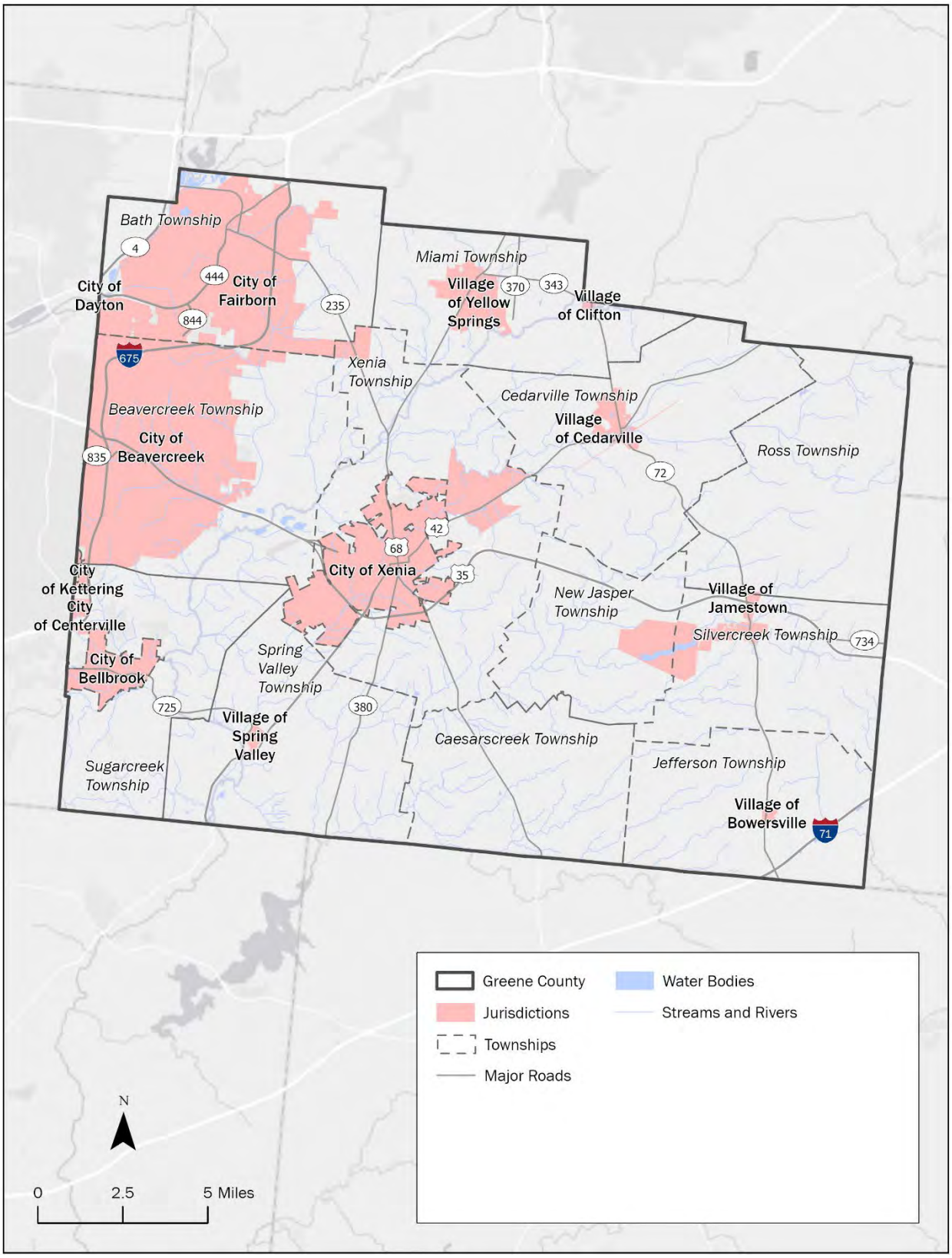
Jurisdictions	
City of Beavercreek	Village of Bowersville
City of Bellbrook	Village of Cedarville
City of Centerville*	Village of Clifton*
City of Dayton*	Village of Jamestown
City of Fairborn	Village of Spring Valley
City of Kettering*	Village of Yellow Springs
City of Xenia	

Table 1.1.2: Greene County Townships

Townships	
Bath Township	New Jasper Township
Beavercreek Township	Ross Township
Caesarscreek Township	Silvercreek Township
Cedarville Township	Spring Valley Township
Jefferson Township	Sugarcreek Township
Miami Township	Xenia Township

**The Cities of Centerville, Dayton, Huber Heights and Kettering, and the Village of Clifton are located primarily within adjacent counties and elected to participate in and adopt their respective county hazard mitigation plans.*

Figure 1.1.3: Greene County Jurisdictions Map



This Plan is comprised of six chapters, which detail the methods, analysis, and discussion surrounding the various hazards that threaten Greene County and its jurisdictions. These chapters are as follows:

- This **Introduction** (Chapter 1) provides a discussion about the general purpose and goals that Greene County wishes to achieve throughout the development and implementation of this Plan. This section also includes a summary of the Plan's contents.
- Chapter 2, **History and Demographics**, includes a description of Greene County and each participating jurisdiction, including their history, population, and other general information.
- Chapter 3, **Planning Process**, details the process for the development of this Plan. This section includes details about the process used to develop this Plan, including a description of who participated, how the community was involved, which hazards were included in the Plan and why, as well as how the Plan was developed through public meetings, reviews, and evaluations. This section also details the review and incorporation of existing plans, studies, reports, and technical information.
- Chapter 4 contains the **Hazard Identification and Risk Assessment (HIRA)**. This section provides detailed descriptions and a corresponding analysis for each hazard that could potentially affect Greene County. The nature, location, extent, historical impact, vulnerability, and likelihood of occurrence for each hazard are provided for each hazard. These analyses include the types and numbers of existing and future buildings, infrastructure, and critical facilities located in the identified hazard areas; an estimate of the potential dollar losses to vulnerable structures; and a general description of land uses and development trends within the community.
- Chapter 5, **Hazard Mitigation**, outlines the goals, strategies, and actions for the County. The proposed actions are presented in tables, categorized by the associated hazard and community, and then ranked from highest to lowest priority based on feedback received from County officials and participating jurisdictions and stakeholders. Excluded hazards are also documented in this section, along with the rationale for exclusion from the Plan.
- The final chapter (Chapter 6) of this Plan, **Schedule and Maintenance**, provides a summary of the proposed Plan adoption, integration, and maintenance schedule. This section describes how the County will review and revise its plan to reflect changes in development, progress in local mitigation efforts, and changes in priorities, and resubmit it for approval within five years to continue to be eligible for mitigation project grant funding.

The resulting Greene County Hazard Mitigation Plan will be submitted to the Ohio Emergency Management Agency (Ohio EMA) and subsequently FEMA for their review. Following the agency review, the jurisdictions will then review the Plan for adoption. This hazard mitigation plan serves as a helpful tool for citizens, policymakers, local businesses, and other local stakeholders who all share a public interest in keeping Greene County as safe and resilient as possible. As such, this Plan aims to:

- Minimize property damage, economic loss, injury, and loss of human life – to achieve the Plan's main goal of reducing the impact of natural and manmade hazards on the County's economy and the well-being of its citizens.
- Enhance public awareness and education – to widen the public's understanding of natural and manmade hazards and how they might affect public health and safety, the environment, the local economy, and basic day-to-day operations.
- Coordinate inter-jurisdictional preparedness measures – to encourage and ensure multi-jurisdictional cooperation in County-wide mitigation actions and programs so that they may be implemented efficiently and effectively.

- Provide decision-making tools for interested stakeholders – to formulate a comprehensive, updated analysis of Greene County's vulnerability to hazards so that decision-makers can better prepare for natural and manmade disasters.
- Achieve regulatory compliance – to ensure that the County and its political subdivisions meet state and federal mitigation planning requirements so that they may be eligible to participate in and receive funding from grant programs, policies, and regulations.

1.2 Setting

Greene County is located in southwest Ohio and has a total area of approximately 416 square miles. The County contains five cities, six villages, and twelve townships (**Tables 1.1.1 and 1.1.2**). The City of Xenia serves as the County seat. Greene County is bounded by six Ohio counties: Clark County to the north, Madison County to the northeast, Fayette County to the east, Clinton County to the southeast, Warren County to the southwest, and Montgomery County to the west.

Land use patterns in Greene County are shown in **Figure 1.2.1**. Land use types include residential, agricultural, industrial, commercial, parks/open space, transportation, public/semipublic land, and vacant. Land cover in Greene County is shown in **Figure 1.2.2**. Land cover types include open water, developed, rock sand and clay, forested, shrub and scrub, grassland and herbaceous, hay and pasture, cultivated crops, and wetlands.

Figure 1.2.1: Greene County Land Use Map

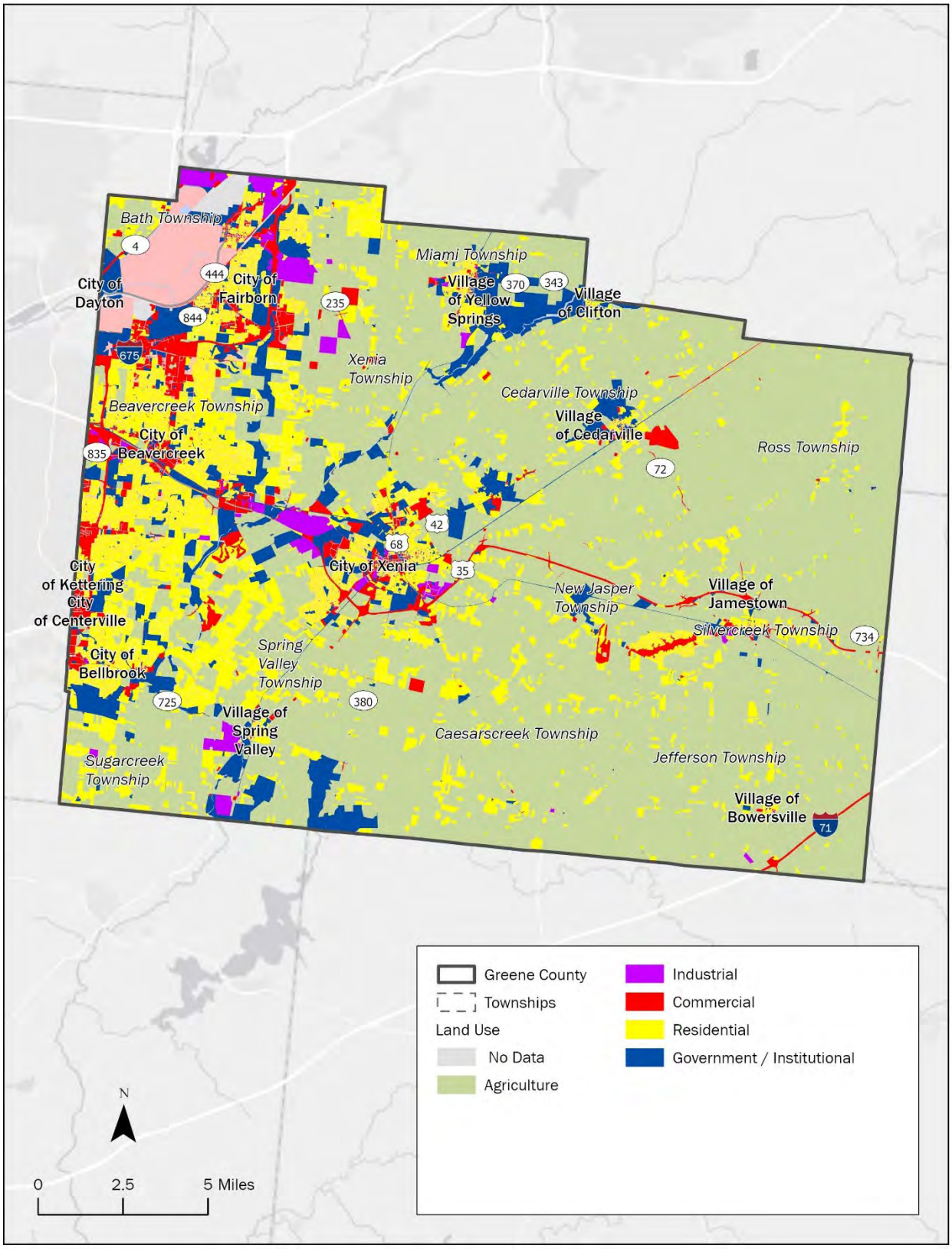
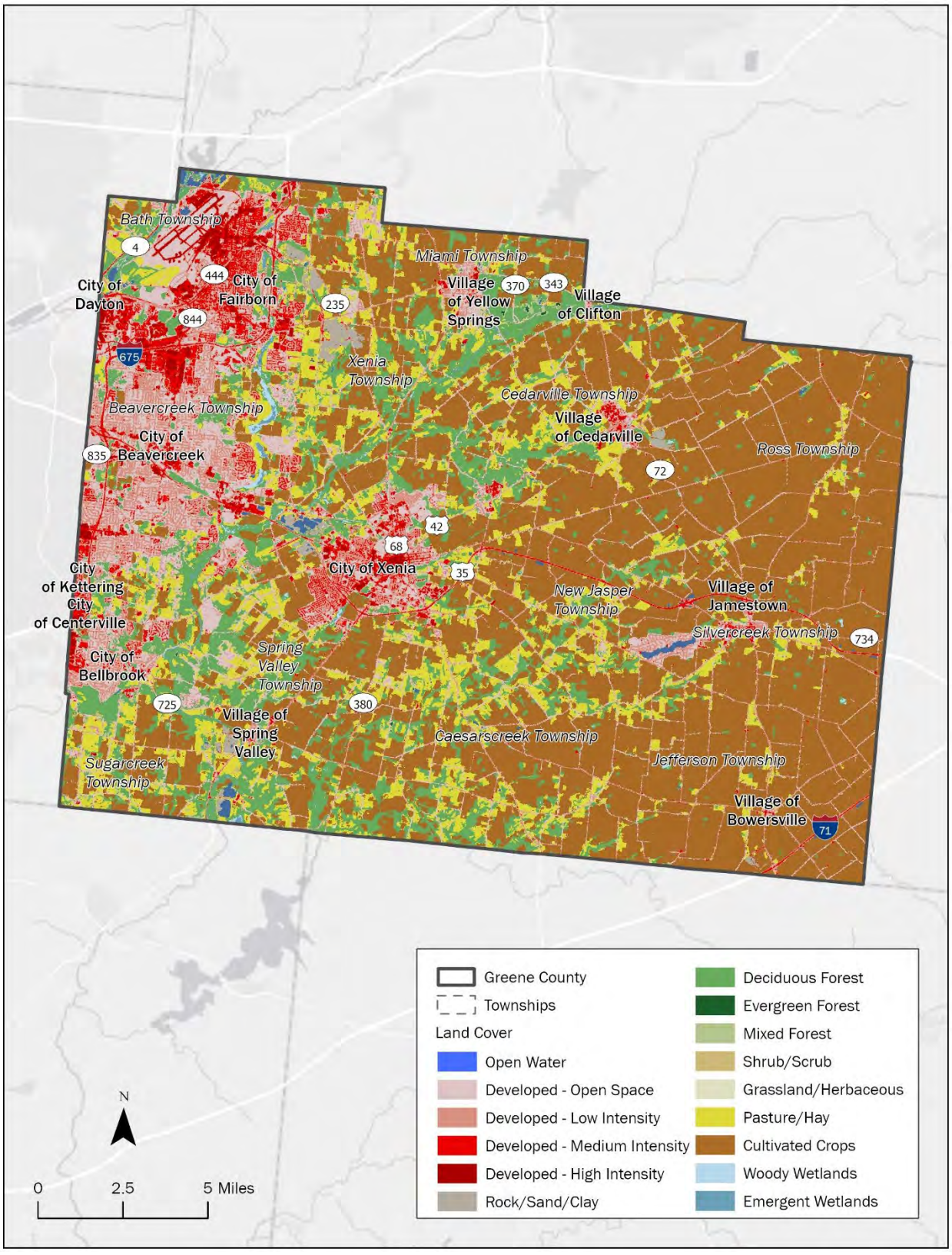


Figure 1.2.2: Greene County Land Cover Map



Transportation

Greene County contains several major roadways, including several State Routes (SR), U.S. Highways (US), and two Interstates (I). Major roadways in Greene County include SR-4, SR-72, SR-235, SR-343, SR-370, SR-380, SR-444, SR-725, SR-835, SR-844, US-35, US-42, US-68, I-71, and I-675.

Greene County has one public use airport, the Greene County Lewis A Jackon Regional Airport, located approximately 5 miles to the west of the City of Xenia.

Norfolk Southern Corporation has one railway line that runs through the northwest corner of the County past Wright State University and through the City of Fairborn.

Natural Features

Table 1.3.1, below, Greene County has several parks and nature areas.

Table 1.3.1: Parks & Nature Areas in Greene County, Ohio

Parks & Nature Areas	
Beaver Creek Wetlands Reserve	Constitution Park
Caesar Creek State Park	Creekside Reserve
Caesar Ford Park	Fairgrounds Recreation Center
Cemex Reserve	Frank Seaman Park
Clifton George State Nature Preserve	Glenn Thompson Reserve
Clifton Reserve & Lodge	Hebble Creek Reserve
Hobson Freedom Park	Narrows Reserve
Huffman Metropark	Old Town Reserve
Indian Mound Reserve	Pearl's Fen
Jacoby Road Canoe Launch	Phillips Park
James Ranch Park	Pierce Park
John Bryan State Park	Russ Nature Reserve
Karohl Park	Sara Lee Arnovitz Nature Preserve
Kinsey Road Mound	Spring Lakes Park
Koogler Wetland Prairie Reserve	Twin Towers Park
McCalmont Park	Zimmerman Prairie State Natural Area
Mill Bridge Launch	

Greene County also has several streams and water bodies which are listed in Table 1.3.2 below.

Table 1.3.2: Greene County Streams and Water Bodies

Water Bodies	
Bartley Pond	Little Miami River
Bass Lake	Love Run
Bear Branch	Ludlow Creek

Water Bodies	
Beaver Creek	Little Sugar Creek
Blue Hole	Massies Creek
Bullskin Run	Medway Lake
Caesars Creek	Mud Run
Captain Nathan Lammes Creek	North Branch Caesar Creek
Cascade Branch	North Fork Massies Creek
Cedarville Reservoir	Oldtown Creek
Clark Run	Painters Run
Conner Branch	Shawnee Creek
Flacks Pond	Shawnee Lake
Glady Run	Shawnee Run
Greene Co. Fish and Game Assn. Reservoir	South Branch Caesar Creek
Grog Run	South Fork Massies Creek
Hebble Creek	Starrett Lackey Ditch
Huffman Reservoir	Sugar Creek
Jacoby Branch	Twist Run
Little Beaver Creek	Yellow Springs Creek

2| History & Demographics

2.1 History

Greene County is a rural county in southwestern Ohio. The County has a total area of 416.5 square miles, of which 414 square miles are land, and 2.5 square miles are water. Greene County is the 18th largest county in Ohio. The County was established on May 1, 1803, and named after General Nathanael Greene, an officer from the Revolutionary War.

Greene County has 47 properties listed on the National Register of Historic Places, with the first property being entered in 1971. The Ohio SP Huffman Field, now Huffman Prairie Flying Field, (**Figure 2.1.1**) is an 84-acre meadow on which the Wright Brothers erected a hangar and developed the world's first practical airplane between 1904 and 1905. The Wright Brothers made more than 100 flights during this time, experimenting with the airplane. In 1909, a training school hangar was built on the property. This training school was utilized by World War I Army pilots and the first cargo shipment was made from the Huffman Field to Columbus in 1910.

Figure 2.1.1: Huffman Prairie Flying Field

Source: National Register of Historic Places (Left) and Craig Baker (Right)

2.2 Communication Outlets

Greene County's primary communication outlets including websites, television, and social media are listed in **Table 2.2.1**, below:

Table 2.2.1: Communication Outlets and Social Media

Communication Type	Source
Website	Greene County: https://www.greenecountyohio.gov/ Greene County EMA: https://www.greenecountyohio.gov/191/Emergency-Management-Agency Greene County Public Health: https://www.gcph.info/ Greene County Sherriff's Office: https://www.greenecountyohio.gov/486/Sheriff The American Red Cross of Miami Valley Chapter: https://www.redcross.org/local/ohio/
Social media	Greene County: https://www.facebook.com/p/Greene-County-Ohio-Government-100064343033295/ Greene County Public Health: https://www.facebook.com/GreeneCoPH/ Greene County Sheriff: https://www.facebook.com/OH29SO/
News/Newspaper	Dayton Daily News: https://www.daytondailynews.com/community/greene-county/ The Xenia Gazette: https://www.xeniagazette.com/ WHIO TV: https://www.whio.com/news/greene-county/uznv68xw97hqWp6s0CzjKM/

2.3 Demographics Overview

This section provides select demographic information to help identify strategies to better serve the County residents during emergency hazard events. The information can be used to understand potential vulnerabilities in subgroups of the population. For example, knowing the number of senior citizens that live alone and that may require additional assistance during an emergency can help assistance organizations anticipate where additional services may be needed.

Table 2.3.1, below, provides a summary of the total population changes that have occurred in Greene County between the 2010 U.S. Census and the 2023 5-Year American Community Survey (ACS) Estimates based on census data. According to the U.S. Census, Greene County's population increased by 6,958 people (4.31 percent) between 2010 and 2023. For comparison, the U.S. population grew 7.66 percent and Ohio's population grew 2.11 percent during that period. Nine townships – Bath, Beavercreek, Caesarscreek, Cedarville, Miami, New Jasper, Silvercreek, Sugarcreek, and Xenia Townships experienced population growth. Of the townships experiencing population decline, Jefferson Township experienced the greatest population decline with a decrease of 92 people (-7.34 percent).

A more detailed description of population, housing, and income demographics for Greene County and each city and village jurisdiction is provided on the following pages.

Table 2.3.1: County And Township Population Growth Estimates Between 2010 Census and 2023 5-Year ACS Estimates

County/Township	Total Population 2010 Census	Total Population 2023 Estimate	2010-2023	
			Population Change	Percent Change
Greene County	161,573	168,531	6,958	4.31%
Bath Township	39,392	39,493	101	0.26%
Beavercreek Township	52,156	56,277	4,121	7.90%
Caesarscreek Township	1,137	1,160	23	2.02%
Cedarville Township	5,500	5,883	383	6.96%
Jefferson Township	1,254	1,162	-92	-7.34%
Miami Township	4,790	4,949	159	3.32%
New Jasper Township	2,568	2,639	71	2.76%
Ross Township	750	745	-5	-0.67%
Silvercreek Township	3,738	3,753	15	0.40%
Spring Valley Township	2,581	2,492	-89	-3.45%
Sugarcreek Township	8,041	9,562	1,521	18.92%
Xenia Township	6,537	6,722	185	2.83%

Social Vulnerability Index Score

The Social Vulnerability Index Score is a component of the Center for Disease Control and Prevention (CDC) and Agency for Toxic Substances and Disease Registry (ATSDR) Social Vulnerability Index (SVI) that measures the susceptibility (risk) of social groups to the adverse impacts of natural hazards that may result in disproportionate deaths, injury, loss, or disruption of livelihood. As FEMA explains, the

"Social Vulnerability score considers the social, economic, demographic, and housing characteristics of a community that influence its ability to prepare for, respond to, cope with, recover from, and adapt to environmental hazards. The score and rating represent the relative level of a community's social vulnerability compared to all other communities at the same level (e.g., county level). A community's Social Vulnerability score is proportional to a community's risk. A higher Social Vulnerability score results in a higher Risk Index score."

According to the Center for Disease Control and Prevention (CDC) and Agency for Toxic Substances and Disease Registry (ATSDR) Social Vulnerability Index (SVI) Greene County has a calculated Social Vulnerability Index of 0.18 (on scale of 0 to 1) on a state level, which is considered a low susceptibility to the adverse impacts of natural hazards when compared to the rest of the U.S. For comparison, Ohio's average Social Vulnerability Index is 0.50 on a state level. Table 2.3.2 reports the SVI scores for Socioeconomic status, housing type and transportation, race and ethnic minority status, and household characteristics for Greene County and Ohio at both the state and nation levels.

The score is calculated using U.S. Census data for 16 social factors, which research literature suggests contributes to the reduction in a community's ability to prepare for, respond to, and recover from hazards, thus making the community more vulnerable. Each county is subdivided into census tracts and each census tract is ranked on the 16 social factors. The 16 social factors are organized into four themes. Each census tract is ranked separately for each theme and receives an overall ranking. The four themes and social factors are described below according to the CDC/ATSDR Social Vulnerability Index:

1. **Socioeconomic Status**: this theme covers socioeconomic status, such as households with income below the 150-percentile poverty level, employment status, housing cost burden, high school diploma status, and if the household has health insurance.
2. **Housing Type and Transportation:** this theme covers multi-unit structures, mobile homes, crowding within households, households without a vehicle, and group quarters.
3. **Race and Ethnic Minority Status:** this theme covers the percentage of Hispanic or Latino (of any race); Black and African American (not Hispanic or Latino); American Indian and Alaska Native (not Hispanic or Latino); Native Hawaiian and Other Pacific Islander (not Hispanic or Latino); Two or More Races (not Hispanic or Latino); Other Races (not Hispanic or Latino).
4. **Household Characteristics:** this theme covers the elderly population (65 and older), children under 17 years of age, civilians with a disability, single-parent households, and the household's English language proficiency.

Table 2.3.2 Social Vulnerability Score per Theme for Greene County and Ohio

Theme	Greene County (Statewide)	Ohio (Statewide)	Greene County (Nationwide)	Ohio (Nationwide)
Socioeconomic Status	0.24	0.50	0.17	0.37
Housing Type and Transportation	0.37	0.50	0.35	0.42
Race and Ethnic Minority Status	0.86	0.50	0.49	0.28
Household Characteristics	0.02	0.50	0.08	0.40

2.4 Community Profiles

Greene County

Greene County is located in southwestern Ohio, and it is part of the Dayton-Springfield-Kettering combined statistical area. As of the 2023 5-Year ACS Estimates (census), the population was 168,531 making it the 18th most populated county in Ohio. The City of Xenia serves as the County seat and the City of Beavercreek is the largest city.

Tables 2.4.1 to 2.4.6 summarize Greene County's population, housing statistics, and income statistics. There are 67,478 households of which 25.3 percent have at least one member under 18 years of age, and 31.5 percent have members 65 years and over. The largest percentage of households (18.2 percent) had an income between $100,000 to $149,999; approximately 4.1 percent of households had an annual income of less than $10,000. In 2023, the largest racial group in the Greene County was the White (non-Hispanic) group, which makes up 81.7 percent of the population. Black or African American is the second largest race (5.8 percent). Approximately 1.4 percent of the city's population speak Spanish at home. In addition, 2.1 percent speak another Indo-European language, 1.5 percent speak an Asian and Pacific Island language, and 0.62 percent speak another language.

Table 2.4.1: Greene County Population by Age Statistics 2023 ACS 5-Year Estimates

Age	Number	Percentage
Total Population	168,531	100%
Under 18 Years	34,894	20.70%
18 to 24 Years	19,199	11.39%
25 to 34 Years	21,981	13.04%
35 to 44 Years	20,789	12.34%
45 to 54 Years	18,620	11.05%
55 to 64 Years	22,383	13.28%
65 Years and Over	30,665	18.20%

Table 2.4.2: Greene County Housing Statistics 2023 ACS 5-Year Estimates

Housing Statistics	Number	Percentage
Total Housing Units	71,925	100%
Occupied Housing Units	67,478	93.82%
Housing Units - Mobile Homes	550	0.82%
Vacant Housing Units	4,447	6.18%

Table 2.4.3: Greene County Household Statistics 2023 ACS 5-Year Estimates

Household Statistics	Number	Percentage
Total Households	67,478	-
Average Household Size	2.39	-
Households with People Under 18 Years	17,095	25.33%
Households with People 65+ Years	21,256	31.50%
Householder Living Alone 65+ Years	7,490	11.10%
No Vehicle Available	3,022	4.48%
With a Broadband Internet Subscription	4,702	6.97%

Table 2.4.4: Greene County Population by Race and Ethnicity Statistics 2023 ACS 5-Year Estimates

Race and Ethnicity	Number	Percentage
Total Population	168,531	100%
White	137,754	81.74%
Black or African American	9,719	5.77%
American Indian and Alaska Native	126	0.07%
Asian	4,782	2.84%
Native Hawaiian and other Pacific Islander	118	0.07%
Some Other Race	1,140	0.68%
Two or More Races	9,474	5.62%
Hispanic or Latino (of any race)	5,418	3.21%

Table 2.4.5: Greene County Language Spoken at Home Statistics 2023 ACS 5-Year Estimates

Language Statistics	Number	Percentage
Total Population (over 5 years old)	159,574	100%
English only	150,635	94.40%
Spanish	2,286	1.43%
Other Indo-European languages	3,283	2.06%
Asian and Pacific Island languages	2,388	1.50%
Other languages	982	0.62%

Table 2.4.6: Greene County Household Income Statistics 2023 ACS 5-Year Estimates

Household Income Statistics	Number of Households
Less than $10,000	4.10%
$10,000 to $14,999	2.60%
$15,000 to $24,999	6.00%
$25,000 to $34,999	6.20%
$35,000 to $49,999	10.70%
$50,000 to $74,999	14.30%
$75,000 to $99,999	13.40%
$100,000 to $149,999	18.20%
$150,000 to $199,999	11.70%
$200,000 or more	12.80%
Median Household Income	$85,218
Mean Household Income	$108,932

City of Beavercreek

Tables 2.4.7 to 2.4.12 summarize the City of Beavercreek's population, housing statistics, and income statistics. There are 19,097 households of which 26.3 percent have at least one member under 18 years of age, and 32.8 percent have members 65 years and over. The largest percentage of households (22.9 percent) had an income between $100,000 to $149,999; approximately 2.7 percent of households had an annual income of less than $10,000. In 2023, the largest racial group in the City of Beavercreek was the White (non-Hispanic) group, which makes up 81.6 percent of the population. Two or More Races is the second largest race (5.7 percent). Approximately 1.7 percent of the city's population speak Spanish at home. In addition, 2.7 percent speak another Indo-European language, 2.0 percent speak an Asian and Pacific Island language, and 0.59 percent speak another language.

Table 2.4.7: City of Beavercreek Population by Age 2023 ACS 5-Year Estimates

Age	Number	Percentage
Total Population	46,787	100%
Under 18 Years	9,867	21.09%
18 to 24 Years	3,550	7.59%
25 to 34 Years	5,981	12.78%
35 to 44 Years	6,400	13.68%
45 to 54 Years	5,339	11.41%
55 to 64 Years	6,010	12.85%
65 Years and Over	9,640	20.60%

Table 2.4.8: City of Beavercreek Housing Statistics 2023 ACS 5-Year Estimates

Housing Statistics	Number	Percentage
Total Housing Units	20,157	100%
Occupied Housing Units	19,097	94.74%
Housing Units - Mobile Homes	62	0.32%
Vacant Housing Units	1,060	5.26%

Table 2.4.9: City of Beavercreek Household Statistics 2023 ACS 5-Year Estimates

Household Statistics	Number	Percentage
Total Households	19,097	-
Average Household Size	2.42	-
Households with People Under 18 Years	5,019	26.28%
Households with People 65+ Years	6,264	32.80%
Householder Living Alone 65+ Years	1,910	10.00%
No Vehicle Available	458	2.40%
With a Broadband Internet Subscription	842	4.41%

Table 2.4.10: City of Beavercreek Race and Ethnicity Statistics 2023 ACS 5-Year Estimates

Race and Ethnicity	Number	Percentage
Total Population	46,787	100%
White	38,166	81.57%
Black or African American	1,324	2.83%
American Indian and Alaska Native	24	0.05%
Asian	2,212	4.73%
Native Hawaiian and other Pacific Islander	50	0.11%
Some Other Race	337	0.72%
Two or More Races	2,681	5.73%
Hispanic or Latino (of any race)	1,993	4.26%

Table 2.4.11: City of Beavercreek Language Spoken at Home Statistics 2023 ACS 5-Year Estimates

Language Statistics	Number	Percentage
Total Population (over 5 years old)	44,498	100%
English only	41,422	93.09%
Spanish	752	1.69%
Other Indo-European languages	1,183	2.66%
Asian and Pacific Island languages	878	1.97%
Other languages	263	0.59%

Table 2.4.12: City of Beavercreek Income Statistics 2023 ACS 5-Year Estimates

Household Income Statistics	Percentage of Households
Less than $10,000	2.70%
$10,000 to $14,999	1.10%
$15,000 to $24,999	3.60%
$25,000 to $34,999	3.40%
$35,000 to $49,999	5.60%
$50,000 to $74,999	13.90%
$75,000 to $99,999	13.70%
$100,000 to $149,999	22.90%
$150,000 to $199,999	15.50%
$200,000 or more	17.70%
Median Household Income	$110,064
Mean Household Income	$127,341

City of Bellbrook

Tables 2.4.13 to 2.4.18 summarize the City of Bellbrook's population, housing statistics, and income statistics. There are 3,018 households of which 29.3 percent have at least one member under 18 years of age, and 28.5 percent have members 65 years and over. The largest percentage of households (24.2 percent) had an income between $100,000 to $149,999; approximately 1.0 percent of households had an annual income of less than $10,000. In 2023, the largest racial group in the City of Bellbrook was the White (non-Hispanic) group, which makes up 91.6 percent of the population. Asian is the second largest race (3.2 percent). Approximately 0.67 percent of the city's population speak Spanish at home. In addition, 1.2 percent speak another Indo-European language and 3.0 percent speak an Asian and Pacific Island language.

Table 2.4.13: City of Bellbrook Population by Age 2023 ACS 5-Year Estimates

Age	Number	Percentage
Total Population	7,344	100%
Under 18 Years	1,436	19.55%
18 to 24 Years	470	6.40%
25 to 34 Years	930	12.66%
35 to 44 Years	994	13.53%
45 to 54 Years	846	11.52%
55 to 64 Years	1,323	18.01%
65 Years and Over	1,345	18.31%

Table 2.4.14: City of Bellbrook Housing Statistics 2023 ACS 5-Year Estimates

Housing Statistics	Number	Percentage
Total Housing Units	3,029	100%
Occupied Housing Units	3,018	99.64%
Housing Units - Mobile Homes	0	0.00%
Vacant Housing Units	11	0.36%

Table 2.4.15: City of Bellbrook Household Statistics 2023 ACS 5-Year Estimates

Household Statistics	Number	Percentage
Total Households	3,018	-
Average Household Size	2.43	-
Households with People Under 18 Years	884	29.29%
Households with People 65+ Years	860	28.50%
Householder Living Alone 65+ Years	232	7.70%
No Vehicle Available	64	2.12%
With a Broadband Internet Subscription	115	3.81%

Table 2.4.16: City of Bellbrook Race and Ethnicity Statistics 2023 ACS 5-Year Estimates

Race and Ethnicity	Number	Percentage
Total Population	7,344	100%
White	6,729	91.63%
Black or African American	27	0.37%
American Indian and Alaska Native	0	0%
Asian	236	3.21%
Native Hawaiian and other Pacific Islander	0	0%
Some Other Race	50	0.68%
Two or More Races	162	2.21%
Hispanic or Latino (of any race)	140	1.91%

Table 2.4.17: City of Bellbrook Language Spoken at Home Statistics 2023 ACS 5-Year Estimates

Language Statistics	Number	Percentage
Total Population (over 5 years old)	7,049	100%
English only	6,707	95.15%
Spanish	47	0.67%
Other Indo-European languages	82	1.16%
Asian and Pacific Island languages	213	3.02%
Other languages	0	0%

Table 2.4.18: City of Bellbrook Income Statistics 2023 ACS 5-Year Estimates

Household Income Statistics	Percentage of Households
Less than $10,000	1.00%
$10,000 to $14,999	1.70%
$15,000 to $24,999	2.50%
$25,000 to $34,999	3.20%
$35,000 to $49,999	10.40%
$50,000 to $74,999	12.70%
$75,000 to $99,999	17.40%
$100,000 to $149,999	24.20%
$150,000 to $199,999	16.00%
$200,000 or more	10.90%
Median Household Income	$101,455
Mean Household Income	$124,214

City of Fairborn

Tables 2.4.19 to 2.4.24 summarize the City of Fairborn's population, housing statistics, and income statistics. There are 15,893 households of which 22.5 percent have at least one member under 18 years of age, and 26.3 percent have members 65 years and over. The largest percentage of households (17.3 percent) had an income between $35,000 to $49,999; approximately 5.3 percent of households had an annual income of less than $10,000. In 2023, the largest racial group in the City of Fairborn was the White (non-Hispanic) group, which makes up 77.5 percent of the population. Two or More Races is the second largest race (9.0 percent). Approximately 1.3 percent of the city's population speak Spanish at home. In addition, 2.4 percent speak another Indo-European language, 1.2 percent speak an Asian and Pacific Island language, and 1.2 percent speak another language.

Table 2.4.19: City of Fairborn Population by Age 2023 ACS 5-Year Estimates

Age	Number	Percentage
Total Population	34,506	100%
Under 18 Years	6,567	19.03%
18 to 24 Years	4,392	12.73%
25 to 34 Years	6,302	18.26%
35 to 44 Years	4,495	13.03%
45 to 54 Years	3,210	9.30%
55 to 64 Years	4,074	11.81%
65 Years and More	5,466	15.84%

Table 2.4.20: City of Fairborn Housing Statistics 2023 ACS 5-Year Estimates

Housing Statistics	Number	Percentage
Total Housing Units	17,007	100%
Occupied Housing Units	15,893	93.45%
Housing Units - Mobile Homes	216	1.36%
Vacant Housing Units	1,114	6.55%

Table 2.4.21: City of Fairborn Household Statistics 2023 ACS 5-Year Estimates

Household Statistics	Number	Percentage
Total Households	15,893	-
Average Household Size	2.13	-
Households with People Under 18 Years	3,568	22.45%
Households with People 65+ Years	4,180	26.30%
Householder Living Alone 65+ Years	1,573	9.90%
No Vehicle Available	1,006	6.33%
With a Broadband Internet Subscription	1,846	11.62%

Table 2.4.22: City of Fairborn Race and Ethnicity Statistics 2023 ACS 5-Year Estimates

Race and Ethnicity	Number	Percentage
Total Population	34,506	100%
White	26,728	77.46%
Black or African American	3,007	8.71%
American Indian or Alaska Native	1	0.00%
Asian	514	1.49%
Native Hawaiian or Pacific Islander	0	0.00%
Some Other Race (One Race)	103	0.30%
Two or More Races	3,120	9.04%
Hispanic or Latino (of any race)	1,033	2.99%

Table 2.4.23: City of Fairborn Language Spoken at Home Statistics 2023 ACS 5-Year Estimates

Language Statistics	Number	Percentage
Total Population (over 5 years old)	32,293	100%
English only	30,351	93.99%
Spanish	413	1.28%
Other Indo-European languages	772	2.39%
Asian and Pacific Island languages	372	1.15%
Other languages	385	1.19%

Table 2.4.24: City of Fairborn Income Statistics 2023 ACS 5-Year Estimates

Household Income Statistics	Percentage of Households
Less than $10,000	5.30%
$10,000 to $14,999	4.30%
$15,000 to $24,999	8.80%
$25,000 to $34,999	9.40%
$35,000 to $49,999	17.30%
$50,000 to $74,999	14.90%
$75,000 to $99,999	13.30%
$100,000 to $149,999	13.90%
$150,000 to $199,999	8.10%
$200,000 or more	4.70%
Median Household Income	$55,966
Mean Household Income	$77,626

City of Xenia

Tables 2.4.25 to 2.4.30 summarize the City of Xenia's population, housing statistics, and income statistics. There are 10691 households of which 24.2 percent have at least one member under 18 years of age, and 33.6 percent have members 65 years and over. The largest percentage of households (17.9 percent) had an income between $50,000 to $74,999; approximately 6.7 percent of households had an annual income of less than $10,000. In 2023, the largest racial group in the City of Xenia was the White (non-Hispanic) group, which makes up 80.5 percent of the population. Black or African American is the second largest race (7.6 percent). Approximately 1.9 percent of the city's population speak Spanish at home. In addition, 0.83 percent speak another Indo-European language, 0.73 percent speak an Asian and Pacific Island language, and 0.42 percent speak another language.

Table 2.4.25: City of Xenia Population by Age 2023 ACS 5-Year Estimates

Age	Number	Percentage
Total Population	25,555	100%
Under 18 Years	5,629	22.03%
18 to 24 Years	1,913	7.49%
25 to 34 Years	3,921	15.34%
35 to 44 Years	2,722	10.65%
45 to 54 Years	2,921	11.43%
55 to 64 Years	3,209	12.56%
65 Years and More	5,240	20.50%

Table 2.4.26: City of Xenia Housing Statistics 2023 ACS 5-Year Estimates

Housing Statistics	Number	Percentage
Total Housing Units	11,703	100%
Occupied Housing Units	10,691	91.35%
Housing Units - Mobile Homes	38	0.36%
Vacant Housing Units	1,012	8.65%

Table 2.4.27: City of Xenia Household Statistics 2023 ACS 5-Year Estimates

Household Statistics	Number	Percentage
Total Households	10,691	-
Average Household Size	2.32	-
Households with People Under 18 Years	2,591	24.24%
Households with People 65+ Years	3,592	33.60%
Householder Living Alone 65+ Years	1,689	15.80%
No Vehicle Available	903	8.45%
With a Broadband Internet Subscription	1,051	9.83%

Table 2.4.28: City of Xenia Race and Ethnicity Statistics 2023 ACS 5-Year Estimates

Race and Ethnicity	Number	Percentage
Total Population	25,555	100%
White	20,575	80.51%
Black or African American	1,932	7.56%
American Indian or Alaska Native	79	0.31%
Asian	227	0.89%
Native Hawaiian or Pacific Islander	53	0.21%
Some Other Race (One Race)	311	1.22%
Two or More Races	1,597	6.25%
Hispanic or Latino (of any race)	781	3.06%

Table 2.4.29: City of Xenia Language Spoken at Home Statistics 2023 ACS 5-Year Estimates

Language Statistics	Number	Percentage
Total Population (over 5 years old)	24,087	100%
English only	23,144	96.09%
Spanish	467	1.94%
Other Indo-European languages	199	0.83%
Asian and Pacific Island languages	175	0.73%
Other languages	102	0.42%

Table 2.4.30: City of Xenia Income Statistics 2023 ACS 5-Year Estimates

Household Income Statistics	Percentage of Households
Less than $10,000	6.70%
$10,000 to $14,999	4.70%
$15,000 to $24,999	10.80%
$25,000 to $34,999	10.20%
$35,000 to $49,999	13.40%
$50,000 to $74,999	17.90%
$75,000 to $99,999	14.20%
$100,000 to $149,999	12.80%
$150,000 to $199,999	6.60%
$200,000 or more	2.70%
Median Household Income	$54,616
Mean Household Income	$70,521

Village of Bowersville

Tables 2.4.31 to 2.4.36 summarize the Village of Bowersville's population, housing statistics, and income statistics. There are 89 households of which 29.2 percent have at least one member under 18 years of age, and 21.3 percent have members 65 years and over. The largest percentage of households (23.6 percent) had an income between $35,000 to $49,999; approximately 1.1 percent of households had an annual income of less than $10,000. In 2023, the largest racial group in the Village of Bowersville was the White (non-Hispanic) group, which makes up 99.6 percent of the population. Two or More Races is the second largest race (0.42 percent). Approximately 0.88 percent of the city's population speak an Asian and Pacific Island language at home.

Table 2.4.31: Village of Bowersville Population by Age 2023 ACS 5-Year Estimates

Age	Number	Percentage
Total Population	237	100%
Under 18 Years	63	26.58%
18 to 24 Years	21	8.86%
25 to 34 Years	8	3.38%
35 to 44 Years	56	23.63%
45 to 54 Years	25	10.55%
55 to 64 Years	35	14.77%
65 Years and More	29	12.24%

Table 2.4.32: Village of Bowersville Housing Statistics 2023 ACS 5-Year Estimates

Housing Statistics	Number	Percentage
Total Housing Units	101	100%
Occupied Housing Units	89	88.12%
Housing Units - Mobile Homes	5	5.62%
Vacant Housing Units	12	11.88%

Table 2.4.33: Village of Bowersville Household Statistics 2023 ACS 5-Year Estimates

Household Statistics	Number	Percentage
Total Households	89	-
Average Household Size	2.66	-
Households with People Under 18 Years	26	29.21%
Households with People 65+ Years	19	21.30%
Householder Living Alone 65+ Years	6	6.70%
No Vehicle Available	0	0%
With a Broadband Internet Subscription	2	2.25%

Table 2.4.34: Village of Bowersville Race and Ethnicity Statistics 2023 ACS 5-Year Estimates

Race and Ethnicity	Number	Percentage
Total Population	237	100%
White	236	99.58%
Black or African American	0	0%
American Indian or Alaska Native	0	0%
Asian	0	0%
Native Hawaiian or Pacific Islander	0	0%
Some Other Race (One Race)	0	0%
Two or More Races	1	0.42%
Hispanic or Latino (of any race)	0	0%

Table 2.4.35: Village of Bowersville Language Spoken at Home Statistics 2023 ACS 5-Year Estimates

Language Statistics	Number	Percentage
Total Population (over 5 years old)	228	100%
English only	226	99.12%
Spanish	0	0%
Other Indo-European languages	0	0%
Asian and Pacific Island languages	2	0.88%
Other languages	0	0%

Table 2.4.36: Village of Bowersville Income Statistics 2023 ACS 5-Year Estimates

Household Income Statistics	Percentage of Households
Less than $10,000	1.10%
$10,000 to $14,999	2.20%
$15,000 to $24,999	7.90%
$25,000 to $34,999	3.40%
$35,000 to $49,999	23.60%
$50,000 to $74,999	18.00%
$75,000 to $99,999	16.90%
$100,000 to $149,999	18.00%
$150,000 to $199,999	9.00%
$200,000 or more	0.00%
Median Household Income	$54,432
Mean Household Income	$76,522

Village of Cedarville

Tables 2.4.37 to 2.4.42 summarize the Village of Cedarville's population, housing statistics, and income statistics. There are 579 households of which 22.3 percent have at least one member under 18 years of age, and 27.5 percent have members 65 years and over. The largest percentage of households (22.3 percent) had an income between $35,000 to $49,999; approximately 7.6 percent of households had an annual income of less than $10,000. In 2023, the largest racial group in the Village of Cedarville was the White (non-Hispanic) group, which makes up 74.3 percent of the population. Black or African American is the second largest race (15.6 percent). Approximately 1.5 percent of the city's population speak Spanish at home. In addition, 2.4 percent speak another Indo-European language, 2.2 percent speak an Asian and Pacific Island language, and 0.92 percent speak another language.

Table 2.4.37: Village of Cedarville Population by Age 2023 ACS 5-Year Estimates

Age	Number	Percentage
Total Population	3,759	100%
Under 18 Years	292	7.77%
18 to 24 Years	2,547	67.76%
25 to 34 Years	230	6.12%
35 to 44 Years	145	3.86%
45 to 54 Years	180	4.79%
55 to 64 Years	164	4.36%
65 Years and More	201	5.35%

Table 2.4.38: Village of Cedarville Housing Statistics 2023 ACS 5-Year Estimates

Housing Statistics	Number	Percentage
Total Housing Units	639	100%
Occupied Housing Units	579	90.61%
Housing Units - Mobile Homes	0	0%
Vacant Housing Units	60	9.39%

Table 2.4.39: Village of Cedarville Household Statistics 2023 ACS 5-Year Estimates

Household Statistics	Number	Percentage
Total Households	579	-
Average Household Size	2.47	-
Households with People Under 18 Years	129	22.28%
Households with People 65+ Years	159	27.50%
Householder Living Alone 65+ Years	70	12.10%
No Vehicle Available	28	4.84%
With a Broadband Internet Subscription	69	11.92%

Table 2.4.40: Village of Cedarville Race and Ethnicity Statistics 2023 ACS 5-Year Estimates

Race and Ethnicity	Number	Percentage
Total Population	3,759	100%
White	2,793	74.30%
Black or African American	586	15.59%
American Indian or Alaska Native	0	0.00%
Asian	117	3.11%
Native Hawaiian or Pacific Islander	15	0.40%
Some Other Race (One Race)	0	0%
Two or More Races	160	4.26%
Hispanic or Latino (of any race)	88	2.34%

Table 2.4.41: Village of Cedarville Language Spoken at Home Statistics 2023 ACS 5-Year Estimates

Language Statistics	Number	Percentage
Total Population (over 5 years old)	3,694	100%
English only	3,431	92.88%
Spanish	57	1.54%
Other Indo-European languages	89	2.41%
Asian and Pacific Island languages	83	2.25%
Other languages	34	0.92%

Table 2.4.42: Village of Cedarville Income Statistics 2023 ACS 5-Year Estimates

Household Income Statistics	Percentage of Households
Less than $10,000	7.60%
$10,000 to $14,999	4.80%
$15,000 to $24,999	6.40%
$25,000 to $34,999	5.90%
$35,000 to $49,999	22.30%
$50,000 to $74,999	17.40%
$75,000 to $99,999	14.50%
$100,000 to $149,999	11.90%
$150,000 to $199,999	6.20%
$200,000 or more	2.90%
Median Household Income	$53,304
Mean Household Income	$68,721

Village of Clifton

Tables 2.4.43 to 2.4.48 summarize the Village of Clifton's population, housing statistics, and income statistics. There are 59 households of which 8.5 percent have at least one member under 18 years of age, and 35.6 percent have members 65 years and over. The largest percentage of households (33.9 percent) had an income between $50,000 to $74,999. In 2023, the largest racial group in the Village of Clifton was the White (non-Hispanic) group, which makes up 83.8 percent of the population. Two or More Races is the second largest race (8.8 percent). Approximately 9.6 percent of the city's population speak Spanish at home.

Table 2.4.43: Village of Clifton Population by Age 2023 ACS 5-Year Estimates

Age	Number	Percentage
Total Population	136	100%
Under 18 Years	6	4.41%
18 to 24 Years	13	9.56%
25 to 34 Years	33	24.26%
35 to 44 Years	20	14.71%
45 to 54 Years	17	12.50%
55 to 64 Years	24	17.65%
65 Years and More	23	16.91%

Table 2.4.44: Village of Clifton Housing Statistics 2023 ACS 5-Year Estimates

Housing Statistics	Number	Percentage
Total Housing Units	78	100%
Occupied Housing Units	59	75.64%
Housing Units - Mobile Homes	0	0%
Vacant Housing Units	19	24.36%

Table 2.4.45: Village of Clifton Household Statistics 2023 ACS 5-Year Estimates

Household Statistics	Number	Percentage
Total Households	59	-
Average Household Size	2.31	-
Households with People Under 18 Years	5	8.47%
Households with People 65+ Years	21	35.60%
Householder Living Alone 65+ Years	12	20.30%
No Vehicle Available	0	0%
With a Broadband Internet Subscription	0	0%

Table 2.4.46: Village of Clifton Race and Ethnicity Statistics 2023 ACS 5-Year Estimates

Race and Ethnicity	Number	Percentage
Total Population	136	100%
White	114	83.82%
Black or African American	2	1.47%
American Indian or Alaska Native	0	0%
Asian	0	0%
Native Hawaiian or Pacific Islander	0	0%
Some Other Race (One Race)	0	0%
Two or More Races	12	8.82%
Hispanic or Latino (of any race)	8	5.88%

Table 2.4.47: Village of Clifton Language Spoken at Home Statistics 2023 ACS 5-Year Estimates

Language Statistics	Number	Percentage
Total Population (over 5 years old)	136	100%
English only	123	90.44%
Spanish	13	9.56%
Other Indo-European languages	0	0%
Asian and Pacific Island languages	0	0%
Other languages	0	0%

Table 2.4.48: Village of Clifton Income Statistics 2023 ACS 5-Year Estimates

Household Income Statistics	Percentage of Households
Less than $10,000	0.00%
$10,000 to $14,999	0.00%
$15,000 to $24,999	0.00%
$25,000 to $34,999	1.70%
$35,000 to $49,999	11.90%
$50,000 to $74,999	33.90%
$75,000 to $99,999	25.40%
$100,000 to $149,999	13.60%
$150,000 to $199,999	6.80%
$200,000 or more	6.80%
Median Household Income	$79,375
Mean Household Income	$93,439

Village of Jamestown

Tables 2.4.49 to 2.4.54 summarize the Village of Jamestown's population, housing statistics, and income statistics. There are 900 households of which 29.8 percent have at least one member under 18 years of age, and 35.8 percent have members 65 years and over. The largest percentage of households (18.3 percent) had an income between $50,000 to $74,999; approximately 3.3 percent of households had an annual income of less than $10,000. In 2023, the largest racial group in the Village of Jamestown was the White (non-Hispanic) group, which makes up 97.8 percent of the population. Two or More Races is the second largest race (1.4 percent). Approximately 0.96 percent of the city's population speak Spanish and 0.29 percent speak another Indo-European language at home.

Table 2.4.49: Village of Jamestown Population by Age 2023 ACS 5-Year Estimates

Age	Number	Percentage
Total Population	2,241	100%
Under 18 Years	565	25.21%
18 to 24 Years	187	8.34%
25 to 34 Years	348	15.53%
35 to 44 Years	172	7.68%
45 to 54 Years	272	12.14%
55 to 64 Years	296	13.21%
65 Years and More	401	17.89%

Table 2.4.50: Village of Jamestown Housing Statistics 2023 ACS 5-Year Estimates

Housing Statistics	Number	Percentage
Total Housing Units	985	100%
Occupied Housing Units	900	91.37%
Housing Units - Mobile Homes	28	3.11%
Vacant Housing Units	85	8.63%

Table 2.4.51: Village of Jamestown Household Statistics 2023 ACS 5-Year Estimates

Household Statistics	Number	Percentage
Total Households	900	-
Average Household Size	2.45	-
Households with People Under 18 Years	268	29.78%
Households with People 65+ Years	322	35.80%
Householder Living Alone 65+ Years	107	11.90%
No Vehicle Available	22	2.44%
With a Broadband Internet Subscription	80	8.89%

Table 2.4.52: Village of Jamestown Race and Ethnicity Statistics 2023 ACS 5-Year Estimates

Race and Ethnicity	Number	Percentage
Total Population	2,241	100%
White	2,191	97.77%
Black or African American	10	0.45%
American Indian or Alaska Native	2	0.09%
Asian	0	0%
Native Hawaiian or Pacific Islander	0	0%
Some Other Race (One Race)	0	0%
Two or More Races	32	1.43%
Hispanic or Latino (of any race)	6	0.27%

Table 2.4.53: Village of Jamestown Language Spoken at Home Statistics 2023 ACS 5-Year Estimates

Language Statistics	Number	Percentage
Total Population (over 5 years old)	2,076	100%
English only	2,050	98.75%
Spanish	20	0.96%
Other Indo-European languages	6	0.29%
Asian and Pacific Island languages	0	0%
Other languages	0	0%

Table 2.4.54: Village of Jamestown Income Statistics 2023 ACS 5-Year Estimates

Household Income Statistics	Percentage of Households
Less than $10,000	3.30%
$10,000 to $14,999	4.20%
$15,000 to $24,999	10.10%
$25,000 to $34,999	11.00%
$35,000 to $49,999	15.40%
$50,000 to $74,999	18.30%
$75,000 to $99,999	14.00%
$100,000 to $149,999	17.60%
$150,000 to $199,999	3.70%
$200,000 or more	2.30%
Median Household Income	$59,028
Mean Household Income	$73,017

Village of Spring Valley

Tables 2.4.55 to 2.4.60 summarize the Village of Spring Valley's population, housing statistics, and income statistics. There are 207 households of which 29.0 percent have at least one member under 18 years of age, and 34.3 percent have members 65 years and over. The largest percentage of households (21.3 percent) had an income between $100,000 to $149,999; approximately 8.7 percent of households had an annual income of less than $10,000. In 2023, the largest racial group in the Village of Spring Valley was the White (non-Hispanic) group, which makes up 69.2 percent of the population. Some Other Race is the second largest race (28.6 percent). Approximately 0.90 percent of the city's population speak Spanish at home.

Table 2.4.55: Village of Spring Valley Population by Age 2023 ACS 5-Year Estimates

Age	Number	Percentage
Total Population	598	100%
Under 18 Years	146	24.41%
18 to 24 Years	5	0.84%
25 to 34 Years	79	13.21%
35 to 44 Years	25	4.18%
45 to 54 Years	84	14.05%
55 to 64 Years	74	12.37%
65 Years and More	185	30.94%

Table 2.4.56: Village of Spring Valley Housing Statistics 2023 ACS 5-Year Estimates

Housing Statistics	Number	Percentage
Total Housing Units	224	100%
Occupied Housing Units	207	92.41%
Housing Units - Mobile Homes	2	0.97%
Vacant Housing Units	17	7.59%

Table 2.4.57: Village of Spring Valley Household Statistics 2023 ACS 5-Year Estimates

Household Statistics	Number	Percentage
Total Households	207	-
Average Household Size	2.89	-
Households with People Under 18 Years	60	28.99%
Households with People 65+ Years	71	34.30%
Householder Living Alone 65+ Years	29	14.00%
No Vehicle Available	7	3.38%
With a Broadband Internet Subscription	24	11.59%

Table 2.4.58: Village of Spring Valley Race and Ethnicity Statistics 2023 ACS 5-Year Estimates

Race and Ethnicity	Number	Percentage
Total Population	598	100%
White	414	69.23%
Black or African American	0	0.00%
American Indian or Alaska Native	6	1.00%
Asian	0	0%
Native Hawaiian or Pacific Islander	0	0%
Some Other Race (One Race)	171	28.60%
Two or More Races	6	1.00%
Hispanic or Latino (of any race)	1	0.17%

Table 2.4.59: Village of Spring Valley Language Spoken at Home Statistics 2023 ACS 5-Year Estimates

Language Statistics	Number	Percentage
Total Population (over 5 years old)	557	100%
English only	552	99.10%
Spanish	5	0.90%
Other Indo-European languages	0	0%
Asian and Pacific Island languages	0	0%
Other languages	0	0%

Table 2.4.60: Village of Spring Valley Income Statistics 2023 ACS 5-Year Estimates

Household Income Statistics	Percentage of Households
Less than $10,000	8.70%
$10,000 to $14,999	3.90%
$15,000 to $24,999	6.30%
$25,000 to $34,999	4.80%
$35,000 to $49,999	13.50%
$50,000 to $74,999	19.30%
$75,000 to $99,999	17.90%
$100,000 to $149,999	21.30%
$150,000 to $199,999	3.40%
$200,000 or more	1.00%
Median Household Income	$66,696
Mean Household Income	$72,113

Village of Yellow Springs

Tables 2.4.61 to 2.4.66 summarize the Village of Yellow Springs's population, housing statistics, and income statistics. There are 1,871 households of which 15.3 percent have at least one member under 18 years of age, and 49.8 percent have members 65 years and over. The largest percentage of households (18.8 percent) had an income between $100,000 to $149,999; approximately 5.0 percent of households had an annual income of less than $10,000. In 2023, the largest racial group in the Village of Yellow Springs was the White (non-Hispanic) group, which makes up 82.6 percent of the population. Black or African American is the second largest race (9.7 percent). Approximately 1.4 percent of the city's population speak Spanish and 0.54 percent speak another Indo-European language at home.

Table 2.4.61: Village of Yellow Springs Population by Age 2023 ACS 5-Year Estimates

Age	Number	Percentage
Total Population	3,655	100%
Under 18 Years	529	14.47%
18 to 24 Years	278	7.61%
25 to 34 Years	292	7.99%
35 to 44 Years	320	8.76%
45 to 54 Years	516	14.12%
55 to 64 Years	528	14.45%
65 Years and More	1,192	32.61%

Table 2.4.62: Village of Yellow Springs Housing Statistics 2023 ACS 5-Year Estimates

Housing Statistics	Number	Percentage
Total Housing Units	2,016	100%
Occupied Housing Units	1,871	92.81%
Housing Units - Mobile Homes	0	0.00%
Vacant Housing Units	145	7.19%

Table 2.4.63: Village of Yellow Springs Household Statistics 2023 ACS 5-Year Estimates

Household Statistics	Number	Percentage
Total Households	1,871	-
Average Household Size	1.89	-
Households with People Under 18 Years	286	15.29%
Households with People 65+ Years	932	49.80%
Householder Living Alone 65+ Years	548	29.30%
No Vehicle Available	122	6.52%
With a Broadband Internet Subscription	98	5.24%

Table 2.4.64: Village of Yellow Springs Race and Ethnicity Statistics 2023 ACS 5-Year Estimates

Race and Ethnicity	Number	Percentage
Total Population	3,655	100%
White	3,019	82.60%
Black or African American	353	9.66%
American Indian or Alaska Native	0	0%
Asian	0	0%
Native Hawaiian or Pacific Islander	0	0%
Some Other Race (One Race)	3	0.08%
Two or More Races	168	4.60%
Hispanic or Latino (of any race)	112	3.06%

Table 2.4.65: Village of Yellow Springs Language Spoken at Home Statistics 2023 ACS 5-Year Estimates

Language Statistics	Number	Percentage
Total Population (over 5 years old)	3,502	100%
English only	3,435	98.09%
Spanish	48	1.37%
Other Indo-European languages	19	0.54%
Asian and Pacific Island languages	0	0%
Other languages	0	0%

Table 2.4.66: Village of Yellow Springs Income Statistics 2023 ACS 5-Year Estimates

Household Income Statistics	Percentage of Households
Less than $10,000	5.00%
$10,000 to $14,999	1.10%
$15,000 to $24,999	10.80%
$25,000 to $34,999	7.70%
$35,000 to $49,999	10.20%
$50,000 to $74,999	17.40%
$75,000 to $99,999	10.40%
$100,000 to $149,999	18.80%
$150,000 to $199,999	9.10%
$200,000 or more	9.50%
Median Household Income	$67,477
Mean Household Income	$92,446

3 | Planning Process

3.1 Methodology

The Planning Process chapter describes the steps involved in the development of the 2025 Greene County Hazard Mitigation Plan, including details about who participated, how community involvement was organized and promoted throughout the community, what hazards were included in the Plan and why, as well as how stakeholder involvement played a critical role in the planning process. This chapter also explains how the Core Planning Committee was formed and how member feedback contributed to the updating of the County's Hazard Mitigation Plan.

3.2 Existing Plans & Regulations

Greene County and the State of Ohio maintain several plans and tools that were pertinent to reference in the development of the 2025 Hazard Mitigation Plan, including:

- 2016 Floodplain Regulations
- Greene County Zoning Regulations
- Greene County Master Trail Plan
- 2020 Greene County Natural Hazards Mitigation Plan
- Greene County Farmland Preservation Plan
- Perspectives 2040 The Greene County Future Land Use Plan
- 2024 State of Ohio Hazard Mitigation Plan (SOHMP)

3.3 Greene County Authority to Adopt Plan

The Greene County Board of Commissioners are elected at large for four-year terms. The board members are the budgeting, appropriating, taxing, and purchasing authority. The Greene County Planning Commission was established by the Greene County Board of Commissioners in conformance with Section 713.21 of the Ohio Revised Code. The authority to adopt plans comes from statutory law and from Chapter 307 of the Ohio Revised Code. **Table 3.3.1** lists the existing authorities and regulations in place in Greene County and its municipalities.

Through Titles 3 and 7 of the Ohio Revised Code, the County and all municipal corporations have the authority to establish, maintain, and improve a large number of jurisdictional capabilities listed in Table 3.3.1. However, their ability to establish, maintain, or improve upon these capabilities varies based on their respective need, political will, and financial capacity. Compared to larger communities, smaller jurisdictions may have the same authority enabled to them by the Ohio Revised Code, but have less ability to establish, maintain, or improve these capabilities.

Table 3.3.1: Existing Authorities and Regulations in Greene County's Municipalities

Community	Planning Commission	Comprehensive Plan	Floodplain Regulation	Building Codes*	Zoning Codes	Capital Budget	Public Works Budget
Greene County	Yes	Yes	Yes	Yes	Yes	Yes	Yes
City of Beavercreek	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Community	Planning Commission	Comprehensive Plan	Floodplain Regulation	Building Codes*	Zoning Codes	Capital Budget	Public Works Budget
City of Bellbrook	Yes	Yes	Yes	Yes	Yes	Yes	Yes
City of Fairborn	Yes	Yes	Yes	Yes	Yes	Yes	Yes
City of Xenia	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Village of Bowersville	No	No	Yes	Yes	Yes	No	Limited in-kind wages only
Village of Cedarville	No	No	Yes	Yes	Yes	No	Limited in-kind wages only
Village of Clifton	Yes	No	Yes	Yes	Yes	No	Limited in-kind wages only
Village of Jamestown	No	Yes	Yes	Yes	Yes	No	Limited in-kind wages only
Village of Spring Valley	Yes	No	Yes	Yes	Yes	No	Limited in-kind wages only
Village of Yellow Springs	Yes	Yes	Yes	Yes	Yes	Yes	Limited in-kind wages only

* All jurisdictions within the state now follow the State Building Code (Ohio Administrative Code 4101:1)

3.4 Notification Process

Core Planning Committee members were invited to participate at the beginning of the planning process through a Kickoff Meeting announcement. Prior to each additional meeting, members of the Core Planning Committee were invited to participate via email notification. Representatives from the

following entities were invited to participate in the planning process. Additionally, Table 3.4.1 lists the participating jurisdictions and representatives and how they participated.

Greene County

- Greene County Auditor
- Greene County Building Regulations
- Greene County Commissioners
- Greene County Dept. of Development
- Greene County Educational Services Center
- Greene County Engineer
- Greene County EMA
- Greene County Job and Family Services
- Greene County Parks and Trails
- Greene County Public Health
- Greene County Regional Planning
- Greene County Risk Management
- Greene County Sanitary Engineering
- Greene County Services Department
- Greene County Sheriff's Office
- Greene County Soil & Water Conservation

City and Village Members

- City of Beavercreek
- City of Bellbrook
- City of Fairborn
- City of Xenia
- Village of Bowersville
- Village of Cedarville
- Village of Clifton
- Village of Jamestown
- Village of Spring Valley
- Village of Yellow Springs

Township Members

- Bath Township
- Beavercreek Township
- Caesarscreek Township
- Cedarville Township
- Jefferson Township
- Miami Township
- New Jasper Township
- Ross Township
- Silvercreek Township
- Spring Valley Township
- Sugarcreek Township
- Xenia Township

Local Schools and Universities

- Beavercreek City School District
- Bellbrook Sugarcreek Schools
- Cedar Cliff Local Schools
- Cedarville University
- Central State University
- Fairborn City School District
- Greeneview School District
- Wilberforce University
- Wright State University
- Xenia City School District
- Yellow Springs School District

Other Organizations

- Beavercreek CERT
- Butler County EMA
- Champaign County EMA
- Clark County EMA
- Clinton County EMA
- Darke County EMA
- Fayette County EMA
- FISH Food Pantry
- Greater Dayton Area Hospital Association
- Kettering Health Network
- Madison County EMA
- Miami Conservancy District
- Miami County EMA
- Montgomery County EMA
- Morris & Bean Company

- Ohio EMA
- OSU Extension Office
- Preble County EMA
- Premier Health
- Shelby County EMA
- The American Red Cross
- Warren County EMA
- Wright Patterson Air Force Base

Table 3.4.1: Participating Jurisdictions

Community/ Organization	Stakeholders	Surveys Completed				Meetings Attended		
		Goals	Hazard Priorities	Previous Mitigation Actions	New Mitigation Actions	1	2	Other
County								
Greene County	Brandon Huddleson – Administrator Jason Foster – Development Director DeAndra Navratil – Regional Planning Director Lisa Hale – Director of Risk Management Dana Doll – Environmental Services Manager Al Kuzma – Director/Chief Building Official	√	√	√	√	√	√	
Greene County EMA	Ethan Raby – Director		√		√	√	√	√
Greene County Engineering	Eric Miller – Highway Superintendent	√	√					
Greene County Sanitary Engineering	Mark Chandler – Director					√		
Greene County Highway Department	Jerrod Pickens – Equipment Superintendent	√	√					
Greene County Job and Family Services	Beth Rubin – Director	√	√	√		√	√	
Regional Planning and Coordinating Commission of Greene County (RPCC)	Michelle Hudnell – Associate Planner	√	√	√	√		√	
Greene County Public Health	Kim Caudill – Emergency Preparedness Coordinator	√				√	√	
Greene County Sheriff	Dan Funk – Captain Brad Balonier – Major	√		√	√	√	√	
Jurisdictions								
City of Beavercreek	Don Adams – Mayor Joey Shope – Assistant Director Nick Amato – Captain	√	√	√	√	√	√	√
City of Bellbrook	Anthony Bizzarro – Fire Chief Steve Carmin – Police Chief	√	√	√	√		√	√

Community/ Organization	Stakeholders	Surveys Completed				Meetings Attended		
		Goals	Hazard Priorities	Previous Mitigation Actions	New Mitigation Actions	1	2	Other
City of Fairborn	Michael Gebhart – City Manager Tana Stanton – Town Councilwoman James Hern – Captain	√	√	√	√	√	√	√
City of Xenia	Brent Merriman – City Manager Jeffrey Bruggeman – Captain Eric Henry – Asst. City Manager/ Dev. Services Director	√	√	√	√	√	√	√
Village of Bowersville	Gary Ellison – Mayor	√	√	√	√			√
Village of Cedarville	James Kannady – Administrator Brady Smith – Chief	√	√	√	√			√
Village of Clifton	Sue Chasnov - Treasurer	√	√	√	√			√
Village of Jamestown	Brian Noah – Chief	√	√	√	√	√	√	√
Village of Spring Valley	Rusty Cross – Fire Chief Brett Bonecutter – Administrator	√	√	√	√			√
Village of Yellow Springs	Brian Housh – Council Member Johnie Burns - Village Manager	√	√	√	√	√	√	√
Other								
Bath Township	Michelle Clements – Trustee	√	√	√		√		
Beavercreek Township	Nathan Hiester – Division Chief Kate Hone – Auxiliary Leader	√	√	√	√		√	√
Cedarville Township	Kyle Miller – Fire Chief	√	√	√	√	√		
New Jasper Township	Mike Horsley – Trustee Dough McDaniel – Fire Chief						√	
Spring Valley Township	Rusty Cross – Fire Chief			√	√		√	√
Sugarcreek Township	Marvin Moeller – Trustee					√	√	
Xenia Township	Scott Miller – Trustee Alan Stock – Administrator		√			√	√	
Miami Conservancy District	Emma Allington – Engineering Associate					√		

Community/ Organization	Stakeholders	Surveys Completed				Meetings Attended		
		Goals	Hazard Priorities	Previous Mitigation Actions	New Mitigation Actions	1	2	Other
Bellbrook Sugarcreek Schools	Jeff Eckley – Manager of Business Paul Otten – Superintendent	√	√			√		
Cedar Cliff Local Schools	Brian Masser - Superintendent	√	√			√		
Wright State University	David Cox – Emergency Manager					√		

If representatives were unable to attend the virtual Core Planning Committee meetings, they participated via "Other" formats, including online surveys, as documented in **Appendix G**.

The following section details the meetings that took place during the planning process. Documentation of each meeting, including newspaper postings, email announcements and attachments, meeting materials, and completed surveys, can be found in **Appendix G**.

3.5 Meetings

Core Planning Committee Kick off

A kickoff announcement was emailed to stakeholders on February 12, 2025, inviting them to participate in the 2025 Greene County Hazard Mitigation Plan update process as part of the Core Planning Committee. All kickoff materials were made available on the project's website (http://www.burtonplanning.com/Greene-hmp).

The Announcement outlined the following details regarding the planning process:

- Goals of the Hazard Mitigation Plan
- A summary of who is involved in the planning process
- Federal requirements of the hazard mitigation planning process
- An overview of the hazard mitigation planning process
- The proposed schedule for the Greene County Plan update
- The role of the Core Planning Committee in the update process
- Contact information for both Greene County EMA and Burton Planning Services
- Dates, times, and Microsoft Teams links of upcoming Core Planning and Public Meetings

Core Planning Meeting and Public Meeting 1

The first meetings were open to both the core planning members and the public. They were held both virtually and in-person on Tuesday, March 11, 2025, at 2:00 P.M and at 5:00 P.M at the Greene County Media Room. The meetings began with a brief introduction from a Burton Planning Services (BPS) representative. This introduction included a description of the in-person and virtual engagement process, including multiple options for participants to sign into the meeting. Participants that attended virtually were reminded multiple times throughout the course of the meeting to sign in using the online survey, via the chat function, or by sending an email to the County EMA or BPS. Participants that attended in-person used the sign-in sheets for attendance. The introduction also informed attendees that they could ask questions using the chat feature, or by un-muting themselves and asking their questions at any time throughout the meeting.

A BPS representative then guided the attendees through a presentation which detailed the hazard mitigation planning process, including requirements of the planning process, potential hazards that could be addressed, benefits of hazard mitigation planning, and potential types of projects that could be federally funded because of the hazard mitigation plan. BPS also described the role that the Core Planning Committee would serve in the development of the 2025 Greene County Hazard Mitigation Plan.

A total of 39 people attended the afternoon meeting, including the Greene County EMA Director. Representatives from the Greene County Engineer, Greene County Public Health, Greene County Sheriff's Office, Greene County Sanitary Engineering, Greene County Regional Planning, Greene County Development, Greene County Environmental Services, City of Beavercreek, City of Fairborn, City of Xenia, Village of Jamestown, Village of Yellow Springs, Cedarville Township, and Xenia Township attended. In addition, representatives of other organizations such as Cedar Cliff Local Schools, Wright State University, Miami Conservancy District, Bellbrook Sugarcreek School District, Greater Dayton Area Hospital Association, Ohio EMA, and Madison County EMA attended the afternoon meeting. No members of the public attended the meeting.

A total of seven people attended the evening meeting, including the Greene County EMA Director. Representatives from Greene County Jobs and Family Services, City of Fairborn, City of Xenia, Bath Township, and Sugarcreek Township also attended the evening meeting. No members of the public attended the meeting.

Following the completion of the presentation, a BPS representative guided the attendees through three surveys, detailed below. Each participant was provided with multiple methods of completing the survey, including a physical hard copy of the survey, a fillable PDF that could be completed on their computer, or an online version. Links to survey locations were provided throughout the meeting. Public input was requested using social media.

Goals Survey

The purpose of this survey was to reflect on the goals included in the 2020 Hazard Mitigation Plan to determine if they were still relevant to the 2025 Plan. Each attendee reviewed the previous goals and determined if they were still applicable, provided comments or edits to the goals that needed to be changed, and generated new goals to potentially be included in the 2025 Plan.

Discussion on the Goals Survey centered around the relevance of the goals. Attendees indicated a preference for adding a goal related to water treatment and water delivery systems. Other attendees mentioned the relevance of invasive species to the Plan.

Hazard Priority Survey

The purpose of this survey was to review all hazards that could be included in the 2025 Hazard Mitigation Plan and prioritize them. As such, attendees were asked to rate each hazard on a scale of zero to five, with five meaning the hazard poses the greatest possible threat to the County or their community and zero meaning the hazard should not be included in the 2025 Plan. Attendees rated hazards that were included in the 2025 Hazard Mitigation Plan, as well as all potential hazards that could be included in the 2025 Plan.

Following the completion of this survey, BPS guided a discussion on which hazards were deemed to be most important and which hazards attendees did not think needed to be included. As mentioned above, attendees emphasized invasive species during this part of the meeting.

Previous Mitigation Actions Status Survey

The purpose of the Previous Mitigation Actions Status Survey was to have attendees review the mitigation actions that were included in the 2020 Hazard Mitigation Plan, reflect on the status of each action, and determine if that action should be included in the 2025 Hazard Mitigation Plan.

Core Planning Meeting and Public Meeting 2

The second meetings were open to both the core planning members and the public. They were held both virtually and in-person on Wednesday, April 16, 2025, at 2:00 P.M and at 5:00 P.M at the Soin Medical Center. The meetings began with a brief introduction from a Burton Planning Services (BPS) representative. This introduction included a description of the in-person and virtual engagement process, including multiple options for participants to sign into the meeting. Participants that attended virtually were reminded multiple times throughout the course of the meeting to sign in using the online survey, via the chat function, or by sending an email to the County EMA or BPS. Participants that attended in-person used the sign-in sheets for attendance. The introduction also informed attendees that they could ask questions using the chat feature, or by unmuting themselves and asking their questions at any time throughout the meeting.

A BPS representative then guided the attendees through a presentation which detailed the hazard mitigation planning process, including requirements of the planning process, potential hazards that could be addressed, benefits of hazard mitigation planning, and potential types of projects that could be federally funded because of the hazard mitigation plan. BPS also described the role that the Core Planning Committee would serve in the development of the 2025 Greene County Hazard Mitigation Plan.

A total of 30 people attended the afternoon meeting, including the Greene County EMA Director, as well as the County Administrator, the Director of Greene County Jobs and Family Services, a County Commissioner, and representatives of the County Sheriff's Department, the Public Health Department and Engineer's Office. Also in attendance were representatives of the Cities of Bellbrook, Beavercreek, Fairborn, and Xenia, the Villages of Cedarville, Jamestown, Spring Valley and Yellow Springs, as well as the Townships of Beavercreek, Cedarville, New Jasper, Spring Valley, Sugarcreek and Xenia. Two representatives of the Ohio EMA, the Clinton County EMA Director, and a representative of Cedar Cliff Local Schools also attended the afternoon meeting. No members of the public were in attendance.

A total of 6 people attended the evening meeting, including the Greene County EMA Director and two representatives of the Ohio EMA. Representatives of New Jasper Township, the Village of Clifton, and the Greene County Building Department also attended. No members of the public attended the evening meeting.

Following the completion of the presentation, a BPS representative guided the attendees through a survey, detailed below. Each participant was provided with multiple methods of completing the survey, including a physical hard copy of the survey, a fillable PDF that could be completed on their computer, or an online version. Links to survey locations were provided throughout the meeting. Public input was requested using social media.

Hazard Mitigation Action Scoring Matrix

The purpose of this survey was to reflect on the hazard mitigation actions included in the 2020 Hazard Mitigation Plan to determine if they were still relevant to the 2025 Plan. New mitigation actions were developed for the 2025 Plan, and these actions were presented to the Core Planning Committee. Participants were asked to score the actions based on their priority for their jurisdiction. Participants were also told that the wording for the mitigation actions may be altered to better align with the needs of their communities. The remainder of the meeting functioned as a working session, where participants were able to ask questions as they completed their surveys. Once complete, the meeting was adjourned.

3.6 Public Comment Period

The 2025 Greene County Hazard Mitigation Plan was made available to the public and Core Planning Committee for review for a 15-day public comment period ending on August 28, 2025. The Hazard Mitigation Plan was made available for review online on the project's website and paper copies were

available at the Greene County EMA's office. No comments from the public were reported. Comments from stakeholders were addressed in the plan. Greene County's efforts to include the public and Core Planning Committee members in the public comment period can be found in **Appendix G.**

4 | Risk Assessments

4.1 Dam/Levee Failure

Description

FEMA defines a dam as "any artificial barrier of at least a minimum size, including appurtenant works, that impounds or diverts water or liquid-borne solids on a temporary or long-term basis." Dam failure occurs when that impounded water is suddenly released in an uncontrollable manner. A dam/levee failure can result in the uncontrolled release of floodwater downstream of a facility, resulting in a flood wave that can cause significant damage to buildings and infrastructure downstream. The unexpected nature of dam collapse also increases the likelihood of loss of life in the impacted area due to reduced warning times.

Dam infrastructure can be affected by natural hazards, such as floods, or man-made threats, such as sabotage. An imbalance between a dam's age and the amount of resources invested toward dam maintenance can be detrimental to the dam's condition. Maintenance issues include dam settlement and cracking, or movement of the dam's foundation. Dam failures can be caused by seepage, structural failure, or water overtopping the reservoir. Most dams in the U.S. are privately owned but regulated by the State or Federal government.

The National Flood Insurance Program (NFIP) defines a levee as "a man-made structure, usually an earthen embankment, designed and constructed in accordance with the sound engineering practice to contain, control, or divert the flow of water so as to reduce risk from temporary flooding." Levees are built parallel to waterways to reduce the risk of flood damage to neighboring infrastructure. Levee failure can occur from improper maintenance, erosion, seepage, and subsidence when the man-made structure fails.

Common dam-related terms include:

- **Spillway**: A structure that is part of a dam or found beside a dam which allows the controlled release of water from a reservoir.
- **Outlet works:** Used to regulate or release water flow from a dam. An outlet works is a device which consists of one or more pipes or tunnels which move water through the dam.
- **Auxiliary spillway**: Also known as an emergency spillway, the auxiliary spillway is a secondary spillway designed to operate only during periods of increased water inflow or high reservoir levels.
- **Structural failure**: Caused by foundation defects such as settlement and slope instability or earthquakes.
- **Mechanical failure**: Dam failure due to malfunctioning gates, conduits, or valves.
- **Hydraulic failure**: Occurs when water overtops the dam, usually caused by inadequate spillway design, blockages in spillways, or dam crest settlement.
- **Levee System:** A flood protection system which consists of a levee or other structures, such as closure or drainage devices.

Normally, water passes through a dam via the main spillway or outlet works. During periods of increased water inflow or high reservoir levels, water should pass through an auxiliary spillway. Dam failure or partial failures are typically caused by structural, mechanical, or hydraulic failures, rather than during extreme storm events.

According to the U.S. Army Corps of Engineers (USACE), dams can be classified by their hazard potential. The three hazard potential classes are:

- **High Hazard Potential**: During the event of a dam failure, loss of life is probable, which is the primary attribute for assigning this designation to a dam. Economic losses, environmental damages, and lifeline impacts are also likely, but are not required for this designation.
- **Significant Hazard Potential**: No loss of life is expected during a dam failure, but economic losses, environmental damages, and lifeline impacts are likely.
- **Low Hazard Potential**: No loss of life is expected during a dam failure and no lifeline impacts are expected. Environmental damages and economic losses are expected to be limited to the dam owner's property.

Location

Dam properties of High to Low hazard Potential are listed in **Table 4.1.1.** The status of each dam's Emergency Action Plan as of April 2025, is indicated in the table (Source: USACE). Dam locations can be seen in **Figure 4.1.2**.

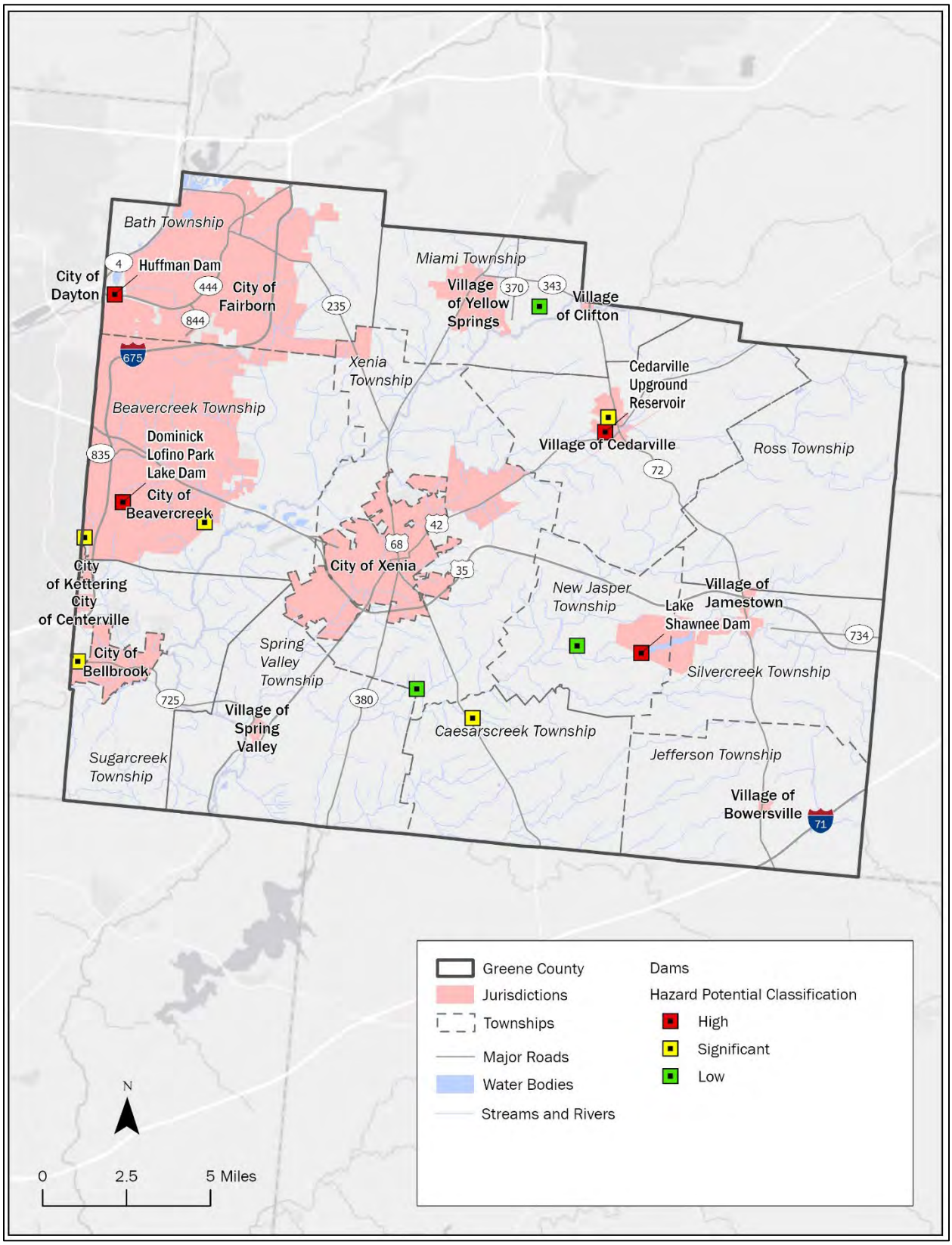
Table 4.1.1: Dam Properties in Greene County, Ohio

Hazard Potential Classification	Dam Name	Owner Type	Distance to Nearest City (Miles)	Condition Assessment	EAP Prepared
High	Cedarville Upground Reservoir	Local Government	0.02	Poor	No
High	Dominick Lofino Park Lake Dam	Local Government	1.1	Fair	Yes
High	Huffman Dam	Local Government	1.1	Fair	Yes
High	Lake Shawnee Dam	Private	0.1	Fair	Yes
Significant	Bayberry Cove Development Dam	Local Government	0.2	Poor	No
Significant	Cedarville University Lake Dam	Private	0.2	Fair	No
Significant	Fisher Lake Dam	Private	25	Poor	No
Significant	Greene Town Center Dam	Private	0	Fair	Yes

Hazard Potential Classification	Dam Name	Owner Type	Distance to Nearest City (Miles)	Condition Assessment	EAP Prepared
Significant	Tara Lake Dam	Private	4.9	Poor	No
Low	Greene Co. Fish & Game Pond No. 1 Dam	Private	7.6	Fair	No
Low	Mystic Lake Dam	Private	5.1	Poor	No
Low	Spring Lake Dam	Private	11	Fair	No

Source: U.S. Army Corps of Engineers

Figure 4.1.2: Dam Locations in Greene County, Ohio



Extent

The Hazard Priority Dam classification system considers the effects of dam failure or mismanagement during both normal and flood flow conditions, as well as worst-case scenario situations. Dam classification may decrease with physical modifications to the dam or by eliminating downstream infrastructure. The classifications are justifiable, reasonable, and consistent with the federal guidelines for dam safety. The hazard potential classification may change depending on anticipated consequences of a dam failure, such as new development below a dam or within the dam breach floodplain. Hazard potential classification may decrease with physical modifications to the dam or by eliminating downstream infrastructure.

There are four High Hazard Potential Dams in Greene County, which are listed in **Table 4.1.1** and shown on **Figure 4.1.2**. Sudden failure of High Hazard Potential Dams could result in one of the following outcomes, depending on environmental conditions.

- Loss of human life.
- All items listed below for failure of Significant Hazard Potential Dams.

Sudden failures of Significant Hazard Potential Dams could result in at least one of the following conditions:

- Disruption of a public water supply or wastewater treatment facility, release of health hazardous industrial or commercial waste, or other health hazards.
- Flooding of residential, commercial, industrial, or publicly-owned structures.
- Flooding of high-value property.
- Damage or disruption to major roads including, but not limited to, interstate and state highways and the only access to residential or other critical areas such as hospitals, nursing homes, or correction facilities as determined by the chief.
- Damage or disruption to railroads or public utilities.
- Damage to downstream dams or levees. Damage to dams or levees can include, but is not limited to, overtopping of the structure. At the request of the dam owner, the chief may exempt dams from the criterion of this paragraph if the dam owner owns the potentially affected property.
- Damage or disruption to local roads including, but not limited to, roads not otherwise listed as major roads.
- Damage to agricultural crops and livestock.

Sudden failures of Low Hazard Dams could result in property losses restricted mainly to the dam and rural lands, and the loss of human life is not probable.

History

Spring Lake Dam Non-Failure Incident, April 6, 2019:

A sinkhole developed because of a bad joint in the principal spillway outlet. The spillway was replaced. No incident report was produced.

Fisher Lake Dam Non-Failure Incident, January 28, 2019:

Fisher Lake Dam's principal spillway riser failed because of corrosion and poor dam condition. Overall water levels were lowered. No incident report was provided.

Probability

Dam failures are unlikely but not impossible. All dams, especially High and Significant Hazard Potential Dams, should have an Emergency Action Plan (EAP) in place. In addition, aging dam infrastructure coupled with climate change could result in more frequent dam failures. The Climate Change section in Future Trends discusses climate change further.

Dam conditions can provide insight into how likely it is that a dam will fail. The U.S. Army Corps of Engineers defines dam conditions as follows:

Satisfactory

No existing or potential dam safety deficiencies are recognized. Acceptable performance is expected under all loading conditions (static, hydrologic, seismic) in accordance with the minimum applicable state or federal regulatory criteria or tolerable risk guidelines.

- No existing deficiencies or potentially unsafe conditions are recognized, with the exception of minor operational and maintenance items that require attention.
- Safe performance is expected under all loading conditions including the design earthquake and design flood.
- Permanent risk reduction measures (reservoir restrictions, spillway modifications, operating procedures, etc.) have been implemented to eliminate identified deficiencies.

Fair

No existing dam safety deficiencies are recognized for normal operating conditions. Rare or extreme hydrologic and/or seismic events may result in a dam safety deficiency. Risk may be in the range to take further action. Note: Rare or extreme events are defined by the regulatory agency based on their minimum applicable state of federal criteria.

- Lack of maintenance requires attention to prevent developing safety concerns.
- Maintenance conditions may exist that require remedial action greater than routine work and/or secondary studies or investigations.
- Interim or permanent risk reduction measures may be under consideration.

Poor

A dam safety deficiency is recognized for normal operating conditions which may realistically occur. Remedial action is necessary. 'Poor' may also be used when uncertainties exist as to critical analysis parameters which identify a potential dam safety deficiency. Investigations and studies are necessary.

- Dam has multiple deficiencies or a significant deficiency that requires remedial work.
- Lack of maintenance (erosion, sinkholes, settlement, cracking, unwanted vegetation, animal burrows, inoperable outlet gates) has affected the integrity or the operation of the dam under normal operational conditions and requires remedial action to resolve.
- Critical design information is needed to evaluate the potential performance of the dam. For example, a field observation or a review of the dam's performance history has identified a question that can only be answered by review of the design and construction history for the dam. Uncertainty arises when there is no design and/or construction documentation available for review and additional analysis is needed to better understand the risk associated with operation under normal operational conditions.
- Interim or permanent risk reduction measures may be under consideration.

Unsatisfactory

A dam safety deficiency is recognized which requires immediate or emergency remedial action for problem resolution.

- A critical component of the dam has deteriorated to unacceptable condition or failed.
- A safety inspection indicates major structural distress (excessive uncontrolled seepage, cracks, slides, sinkholes, severe deterioration, etc.), advanced deterioration, or operational deficiencies which could lead to failure of the dam or its appurtenant structures under normal operating conditions.
- Reservoir restrictions or other interim risk reduction measures are required.
- A partial or complete reservoir drawdown may be mandated by the state or federal regulatory agency.

The State of Ohio Dam Safety Program focuses on deficient Class I dams (High Hazard Potential Dams) and dams in poor or unsatisfactory condition. There are four High Hazard Potential Dams in Greene County, which are listed in **Table 4.1.1** and shown on **Figure 4.1.2**. One High Hazard Potential Dam in Greene County does not have an emergency action plan (EAP) in place: Cedarville Upground Reservoir. . Cedarville Upground Reservoir is also in 'poor' condition, meaning there is at least one known dam safety deficiency. This dam is owned by a local government entity.

Huffman Dam is located near the northwestern border of Greene County. No properties outside of the Miami Conservancy District in Greene County are likely to be impacted by a dam failure or incident. Properties in Montgomery County and in the City of Dayton may be impacted by a dam failure at Huffman Dam. The Dam was constructed to prevent the flooding of the Village of Osborn which has since been fully acquired by the Miami Conservancy District. By 1924, the Miami Conservancy District had acquired all at risk properties, including nearly 200 homes, and relocated them. Remaining sections of the Village of Osborn were merged with the City of Fairfield in 1950. It is likely that the inundation area is completely within the Miami Conservancy District parks.

Dominick Lofino Park Lake Dam is located in the City of Beavercreek near the central western border of Greene County. It does not have an EAP in place, however an inundation map has been completed for the dam. In the most extreme inundation flooding event, seven mixed-use properties (residential and commercial), 95 residential units, and nine multi-unit residential units for senior citizens would be inundated or partially inundated, along with several culverts and primary access points. To see the complete inundation study, please contact the Greene County EMA.

Cedarville Upground Reservoir is located in the Village of Cedarville in northeastern Greene County. The Lake Shawnee Dam is located in southeastern Greene County and is privately owned (or owned by the Shawnee Hills Property Owners Association.

Tables 4.1.3 and **4.1.4** summarize the properties that may be exposed during a dam failure for Lake Shawnee Dam and Cedarville Upground Reservoir Dam. Note that this information is for general planning purposes only and should not be used in an Emergency Action Plan or any dam failure response. Inundation maps and Emergency Action Plans should be completed by following all industry standards and requirements.

Table 4.1.3: Lake Shawnee Dam Property Exposure

Land Use	Count	Land Value	Improvement Value	Total Value
Agricultural	45	$1,742,730	$2,316,660	$4,059,390
Commercial	5	$324,040	$345,310	$669,350

Land Use	Count	Land Value	Improvement Value	Total Value
Residential	43	$849,770	$2,799,090	$3,648,860
Total	**93**	**$2,916,540**	**$5,461,060**	**$8,377,600**

Table 4.1.4: Cedarville Upground Reservoir Dam Property Exposure

Land Use	Count	Land Value	Improvement Value	Total Value
Agricultural	30	$1,254,490	$1,591,630	$2,846,120
Commercial	4	$310,550	$345,310	$655,860
Residential	24	$492,780	$1,551,200	$2,043,980
Total	**58**	**$2,057,820**	**$3,488,140**	**$5,545,960**

Vulnerability Assessment

Infrastructure Impact

Failures of Significant Hazard Potential Dams could flood roadways, including major routes and local roads. Utility infrastructure (wastewater, drinking water, and commercial and industrial waste lines) may be disrupted or destroyed.

Population Impact

The local population could be impacted by loss of utilities, including the local water supply. Health hazards may also be released into the flood waters during a dam failure which may cause indirect harm to the local population. The local population could be impacted economically as well.

Property Damage

At least one residential or commercial property is likely to face structural collapse during a High Hazard Potential Dam failure. Dam failure has the potential to damage high value properties. Residential, commercial, industrial, and/or high value properties may be damaged by a Significant Hazard Potential Dam failure, as well as publicly-owned properties. Properties that are owned by the dam owner may be exempt from the property damage calculation.

Loss of Life

Loss of life because of a High Hazard Potential Dam failure is likely. Loss of life during a Significant or Low Hazard Potential Dam failure is not expected.

Economic Losses

Economic losses can include damage from flooding crops, flooding livestock, damaged goods, and the flooding of vital roadways.

Emergency Action Plans (EAPs) have been completed for three of the four High Hazard Potential Dams in Greene County (**Table 4.1.1**). However, the data is subjected to agreements where it cannot be published publicly. The Ohio Department of Natural Resources (ODNR) holds a record of these EAPs.

Future Trends

Land Use and Development Trends

Development that has occurred in areas that will flood after a dam failure should be prepared for rapid flooding. Land use plans can limit development in these areas to prevent the increase of dam hazard potential. To better understand where development should be limited, dam failure inundation maps

should be completed for as many dams as possible. If new residential construction units are within the inundation/breach areas of dams, it would increase property and population vulnerabilities despite county-wide population loss.

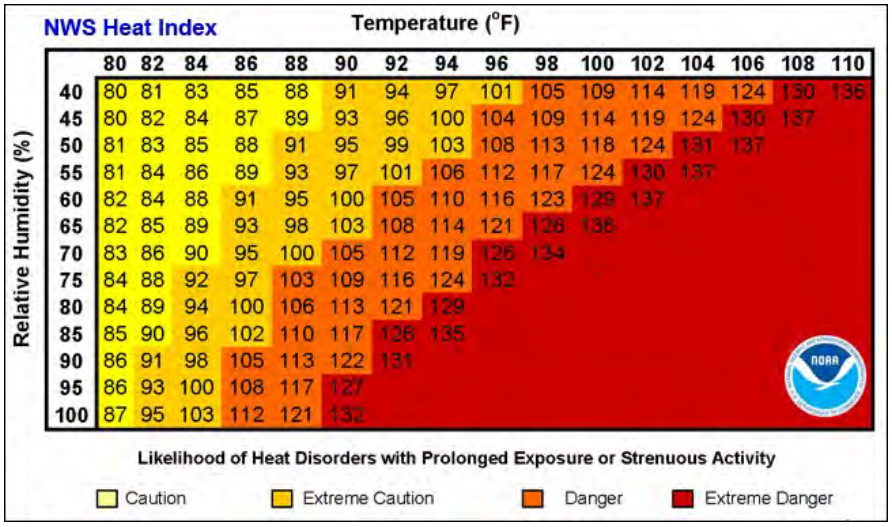
The current total value of taxable real estate in Greene County is $4,704,063,560. In 2022 and 2023, Greene County authorized a total of 949 new residential units at a total value of $433,290,000. The population is expected to increase by 2.2 percent, or 3,640 people between 2020 and 2030. An additional increase of 259 people (less than one percent) is expected between 2030 and 2040. The increased population and the increase in residential units could lead to additional risks. Future development should be placed outside of dam inundation areas and outside of FEMA-designated floodplains to reduce risks.

4.2 Drought and Extreme Heat

Description

According to the Federal Emergency Management Agency (FEMA), extreme heat is a period of high heat and humidity with temperatures above 90 degrees for at least two to three days. In extreme heat the human body works extra hard to maintain a normal temperature, which can lead to death. Extreme heat is responsible for the highest number of annual deaths among all weather-related hazards. Humid conditions, which add to the discomfort of high temperatures, occur when a high-pressure weather system traps hazy, moist air near the ground. Extreme heat may also contribute to the formation of a drought if moisture and precipitation are lacking. The National Weather Service's Heat Index Chart is provided in **Figure 4.2.1**.

Figure 4.2.1: Heat Index Chart



Source: National Weather Service

Extreme heat events are often accompanied by drought conditions when the events are prolonged. A drought is a shortage in precipitation over an extended period of time. Droughts are common throughout all climatic zones and can range in length from a couple of weeks to multiple years or decades in some areas.

According to the National Oceanic and Atmospheric Administration (NOAA), there are three common types of droughts: Meteorological, Agricultural, and Hydrological. Meteorological drought severity is calculated by the amount of the rainfall deficit (compared to annual averages) and the length of the dry period. Agricultural drought is based on the effects to agriculture by factors such as rainfall and soil water deficits or diminished groundwater/reservoir levels needed for irrigation. Hydrological drought is based on the effects of rainfall shortages on the water supply, such as stream flow, reservoir and lake levels, and groundwater table decline.

Location

Drought is a countywide hazard that can affect all locations and jurisdictions in Greene County. More specifically, these hazards typically occur at a regional scale. Droughts most commonly occur in Ohio from spring through autumn; however, they may occur at any time throughout the year.

Extent

Due to the regional nature of droughts and extreme heat events, effects may be noticed throughout the County in both the urbanized and rural areas. All jurisdictions within the County may be affected in

a single drought event. In Greene County, droughts are often linked to prolonged periods of above average temperatures and little to no precipitation.

Initial effects of drought can be noticed within a short period, as soil may dry out and plants may wither and die. When drought conditions persist over several weeks, months, or years, effects may be more pronounced with reductions in water levels of wells, lakes, reservoirs, streams, and rivers. Water supply issues for agriculture, commercial/industrial activities, and private consumption may arise if drought conditions persist over a long term.

The extent of the drought is determined by the Palmer Drought Severity Index (PDSI), shown below in **Table 4.2.2**. In this way, the Index can be utilized as a tool to help define disaster areas and indicate the availability of irrigation water supplies, reservoir levels, range conditions, amount of stock water, and potential for forest fires. The Palmer Drought Severity Index depicts prolonged (in months or years) abnormal dryness or wetness and is slow to respond, changing little from week to week. It also reflects long-term moisture runoff, recharge, and deep percolation, as well as evapotranspiration.

Table 4.2.2: Palmer Drought Severity Index Classifications and Federal Drought Categories

Palmer Drought Severity Index	Category	Description
-1.0 to -1.9	D0	Abnormally Dry
-2.0 to -2.9	D1	Moderate Drought
-3.0 to -3.9	D2	Severe Drought
-4.0 to -4.9	D3	Extreme Drought
-5.0 or less	D4	Exceptional Drought

The Palmer Drought Severity Index is a standardized index with values typically falling between -4.0 and +4.0, although extreme conditions can be greater in value (including federal drought categories). Negative values indicate drought conditions while positive values represent wet conditions. Values around zero represent near normal conditions.

Abnormally dry (D0) and moderate drought (D1) conditions occur frequently and typically do not adversely affect agricultural activities unless conditions are sustained in nature. Severe and extreme drought (D2 and D3, respectively) conditions begin to impact agricultural crops, leading to potential economic losses. These more severe events also may impact drinking water resources, especially if the source is a lake or reservoir. Sustained severe droughts may alter the ability of the soil to absorb water, leading to potential flash flooding when rainfall resumes.

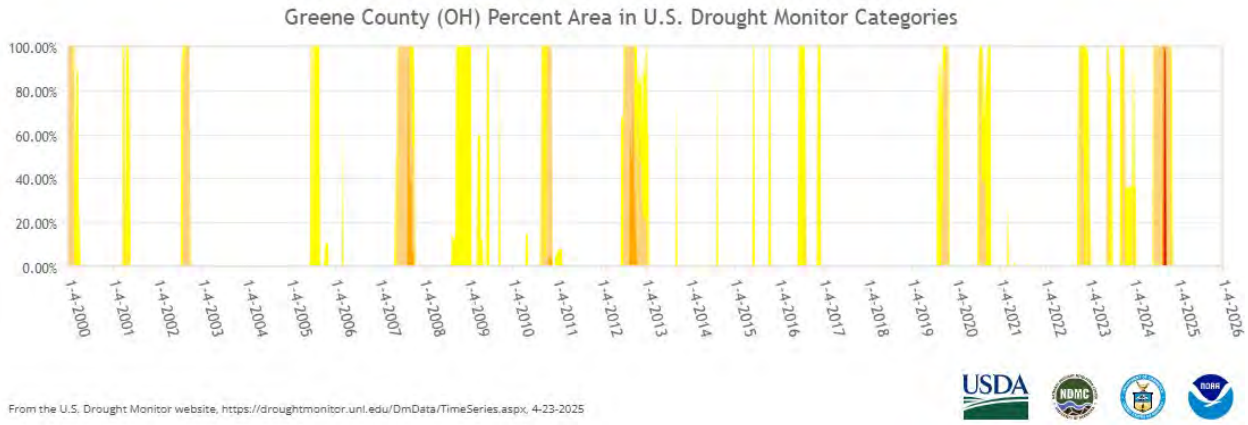
History

The U.S. Drought Monitor (USDM) describes severe drought as a time when crops suffer, the numbers of wildfires are high and the soil is dry, cracked and pulling away from foundations. In an extreme drought, yields are minimal, livestock are stressed, and lawns go dormant. Data shows that Greene County has spent 292 weeks in abnormally dry conditions, 135 weeks in moderate drought, 24 weeks in severe drought, 4 weeks in extreme drought, and zero in exceptional drought since 2000 (**Table 4.2.3**) (Source: U.S. Drought Monitor). **Figure 4.2.4** depicts the drought monitor history for Greene from 2000 through January 2025.

Table 4.2.3: Weeks in Drought per Year for Greene County

Year	Abnormally Dry (D0)	Moderate Drought (D1)	Severe Drought (D2)	Extreme Drought (D3)	Exceptional Drought (D4)
2000	14	9	0	0	0
2001	9	3	0	0	0
2002	11	8	0	0	0
2003	0	0	0	0	0
2004	0	0	0	0	0
2005	17	0	0	0	0
2006	1	0	0	0	0
2007	24	20	7	1	0
2008	19	0	0	0	0
2009	15	0	0	0	0
2010	18	11	4	0	0
2011	7	0	0	0	0
2012	28	25	9	1	0
2013	6	3	0	0	0
2014	1	0	0	0	0
2015	6	0	0	0	0
2016	15	1	0	0	0
2017	1	0	0	0	0
2018	0	0	0	0	0
2019	14	8	0	0	0
2020	15	7	0	0	0
2021	5	0	0	0	0
2022	13	10	0	0	0
2023	26	8	0	0	0
2024	27	22	4	2	0
2025	0	0	0	0	0
Grand Total	**292**	**135**	**24**	**4**	**0**

Figure 4.2.4: Drought in Greene County from 2000 to 2025



D0 = Abnormally Dry, D1 = Moderate Drought, D2 = Severe Drought, D3 = Extreme Drought, D4= Exceptional Drought

Source: U.S. Drought Monitor

Greene County has not had a disaster declaration for extreme heat or droughts. However, the County has spent four weeks in an extreme drought and 24 weeks in severe drought since 2000. The droughts are detailed below.

Abnormally Dry to Extreme Drought (D0 – D3), June 18, 2024 – November 25, 2024:

On June 18, 2024, 100 percent of Greene County was experiencing abnormally dry conditions. Within one week the drought conditions worsened and 100 percent of the County was experiencing moderate drought conditions. The moderate drought condition lasted for 10 weeks, worsening again on September 3, 2024. The whole County spent four weeks in a severe drought and two weeks in an extreme drought before going back to a moderate drought on October 1, 2024. The drought continued for eight weeks, ending on November 25, 2024.

Abnormally Dry to Extreme Drought (D0 – D3), June 19, 2012 – February 4, 2013:

On June 19, 2012, approximately 68 percent of Greene County was experiencing abnormally dry conditions. Within three weeks the drought conditions worsened, and 61 percent of the County was experiencing moderate drought conditions. The moderate drought condition lasted for seven weeks, worsening again on August 28, 2012. Approximately 67 percent of the County was in a severe drought and less than one percent was in an extreme drought. The extreme drought conditions only lasted one week, though a portion of the County remained in a severe drought for nine weeks. The moderate drought lasted through the Fall and Winter months of 2012. Greene County entered 2013 in a moderate drought. The drought ended on February 4, 2013.

Abnormally Dry to Severe Drought (D0 – D2), August 31, 2010 – December 6, 2010:

On August 31, 2010, 100 percent of Greene County was experiencing abnormally dry conditions. Within two weeks the drought conditions worsened and 100 percent of the County was experiencing moderate drought conditions. The moderate drought condition lasted for seven weeks, worsening again on November 2, 2010. Approximately four percent of the County was in a severe drought for four weeks. The drought ended a week later on December 6, 2010.

Abnormally Dry to Extreme Drought (D0 – D3), May 15, 2007 – October 29, 2007:

On May 15, 2007, approximately 10 percent of Greene County was experiencing abnormally dry conditions. Within four weeks the drought conditions worsened and 63 percent of the County was experiencing moderate drought conditions. The moderate drought condition lasted for 12 weeks,

worsening again on August 28, 2007. Approximately 50 percent of the County was in a severe drought and within a week it extended to 100 percent of the County. On September 4, 2007, approximately one percent of the County was in an extreme drought. The extreme drought conditions lasted one week. A severe drought continued for three more weeks before going back down to a moderate drought. On October 9, 2007, approximately eight percent of the County was back in a severe drought which lasted two weeks. The drought lasted one more week before ending on October 29, 2007.

Extreme Heat

There have been two excessive heat events and three heat events in Greene County since January 1, 1995. All events are listed individually in Appendix A.

Excessive Heat Event, July 19 – July 20, 2019:

High temperatures and high humidity led the heat index to rise into the triple digits for two days in July 2019. Some places in Greene County reported temperatures of 105 degrees.

Heat Event, June 28 – July 7, 2012:

In late June 2012, a warm airmass traveled through southern Ohio, bringing high temperatures. Several locations reported triple digit temperatures. The heat wave lasted about two weeks.

Heat Event, July 20 – July 31, 1999:

High temperatures in the 90's across Greene County and northern Ohio were recorded for the month of July 1999. Several counties reported temperatures in the 100's.

Probability

Greene County has experienced droughts in the past, and the potential exists for the County to experience droughts in the future. Greene County has spent 455 weeks in abnormally dry to extreme drought conditions since 2000. Greene County has a 34 percent chance of having a drought and/or experiencing abnormally dry conditions each year based on historical data. The County had two heat and two extreme heat events between 1995 and 2023. Heat events can occur during any year.

Seasons of drought and extreme heat have the potential to occur during any particular year when necessary conditions are met. According to the Midwest Chapter of the Fifth National Climate Assessment, the frequency of major heat waves in the Midwest has increased over the last six decades. In addition, it is predicted that as the climate gets warmer, there will be an associated increase in the number and severity of summer droughts and extreme heat events. The Climate Change section in Future Trends discusses climate change further.

Vulnerability Assessment

Drought projections suggest that some regions of the U.S. will become drier and that most will have more extreme variations in precipitation. Even if current drought patterns remain unchanged, warmer temperatures will amplify drought effects. Drought and warmer temperatures may increase risks of large-scale insect outbreaks and wildfires, in addition to accelerating tree and shrub death and changing habitats and ecosystems in favor of drought-tolerant species. Forest and rangeland managers can mitigate some of these impacts and build resiliency in forests through appropriate management actions.

Infrastructure Impact

Drought does not have a significant impact on infrastructure or structures. The greatest impacts of drought are on agricultural interests, as crops may fail, and livestock may not have sufficient water resources. For social vulnerability, the FEMA National Risk Index indicates that the agricultural (crop only) in Greene County has a score of 16.0 (very low). This risk is only based on agricultural impacts and not population impact. The index indicates an expected annual loss of $97 due to drought events with 0.1 events occurring per year.

Population Impact

Extreme heat can have an impact on the population of the entire County. Groups who live in areas with minimal tree cover or urban areas may experience higher temperatures relative to outlying areas due to the urban heat island effects. Groups that are particularly vulnerable to extreme heat, such as older adults and people with chronic health conditions may experience illness or injury, such as heat cramps, heat exhaustion, and heat stroke.

For social vulnerability, the National Risk Index indicates that the population in Greene County has a score of 76.1 ("relatively moderate") for heat wave. The index indicates an expected annual loss of $454,000 due to heat wave events with 0.9 events occurring per year. All Census Tracts can be found in **Appendix E**.

Property Damage

During extreme heat events, utility failure may occur due to overuse of electricity for cooling. Property damage is a possibility due to extreme heat. Vehicles are at risk of breaking down from excessive heat, as heat can reduce battery life and reduce the efficiency of the cooling system resulting in overheated engines. Extreme heat can also cause a home to dry out and prematurely age. Excessive heat in combination with lack of rainfall (drought) can cause soil to shrink and crack, which puts stress on a home's foundation that can be costly to fix. Drought and warmer temperatures may increase risks of large-scale insect outbreaks and wildfires. Drought and warmer temperatures may also accelerate tree and shrub death, changing habitats and ecosystems in favor of drought-tolerant species.

Table 4.2.5 below shows the 20 census tracts with the highest total EAL (expected annual loss) from heat. EAL rates, calculated by FEMA, identify the total value of loss expected each year for a particular community, in this case the census tracts for Greene County. Expected losses for buildings, population ($11.6 million for each fatality or 10 injuries), and agriculture per census tract for heat wave.

Table 4.2.5: Structure and Population Vulnerability from Heat Wave

Census Tract	Expected Annual Loss (Building)	Expected Annual Loss (Population Equivalence)	Expected Annual Loss (Agriculture)	Expected Annual Loss (Total)
39057210603	$48	$21,138	$135	$21,321
39057260100	$38	$17,921	$1,421	$19,380
39057210500	$43	$16,787	$50	$16,880
39057210604	$31	$14,813	$8	$14,851
39057240600	$29	$13,836	$253	$14,118
39057210402	$25	$14,034	$0	$14,059
39057210401	$28	$13,943	$0	$13,971
39057210602	$34	$13,836	$0	$13,870
39057200104	$33	$13,468	$25	$13,526
39057200500	$15	$12,940	$0	$12,955
39057220102	$32	$12,582	$166	$12,780
39057240200	$18	$12,310	$7	$12,335
39057210201	$20	$12,091	$0	$12,112
39057240500	$26	$11,947	$57	$12,030

Census Tract	Expected Annual Loss (Building)	Expected Annual Loss (Population Equivalence)	Expected Annual Loss (Agriculture)	Expected Annual Loss (Total)
39057220201	$27	$11,937	$0	$11,964
39057240303	$12	$11,560	$4	$11,577
39057200700	$10	$11,438	$0	$11,448
39057240304	$14	$11,406	$28	$11,447
39057200901	$21	$11,077	$28	$11,127
39057220101	$29	$10,949	$38	$11,016
Grand Total	**$532**	**$270,013**	**$2,221**	**$272,766**

Source: FEMA National Risk Index

Loss of Life

Loss of life is possible during drought and extreme heat events, especially for young children, the elderly, and individuals with respiratory conditions.

Economic Losses

Economic losses are a threat from extreme heat and droughts in Greene County. Crops and livestock may be compromised during prolonged extreme heat events. Human productivity can also be affected when working conditions become too hot. According to the 2022 Census of Agriculture developed by the U.S. Department of Agriculture (USDA), top crop items based on acreage for Greene County include soybeans for beans, corn for grain, wheat for grain, forage-land used for all hay and haylage, and sod. Based on data from the U.S. Department of Agriculture, Greene County's crop yields were not impacted from previous drought events. Acreage farmed for Corn (Grain), Hay & Haylage, and Soybeans decreased, while acreage for wheat increased between 2017 and 2022. Yield per acre increased in 2022 versus 2017 for all crops except Hay & Haylage and Soybeans (**Table 4.2.6**). Corn for grain had the largest yield decrease per acre (-0.7 tons/acre). Agricultural land use can be seen on the land use map in Chapter 1 (**Figure 1.2.1**).

Table 4.2.6: Greene County Crop Yields 2017 - 2022

Commodity	2017		2022	
	Acres	Crop Yield	Acres	Crop Yield
Corn, Grain	61,780	11,752,507 bushels	50,907	10,245,708 bushels
Hay & Haylage	5,547	15,948 tons	5,306	11,326 tons
Soybeans	73,062	4,040,523 bushels	65,907	3,780,879 bushels
Wheat	2,689	206,731 bushels	4,448	406,113 bushels

Source: United States Department of Agriculture Census

Future Trends

Land Use and Development Trends

Drought and extreme heat are most likely to impact agriculture land uses and land uses that house or serve vulnerable populations, such as schools, daycares, hospitals, and nursing homes. The increase of people aged 65+ from 2017 (26,204) to 2023 (30,665) could mean more vulnerability to Extreme Heat for that population group. Increase of agricultural land use, crop yields, and livestock cash receipts can mean more vulnerability to drought in those areas.

Climate Change

Climate change may increase the frequency and/or the severity of the impacts from drought and extreme heat events. As the climate gets warmer, there will be an associated increase in the number and severity of droughts and extreme heat events. Warmer global temperatures may be associated with a prolonged growing season, but this trend may also increase the risk of crop stress due to excessive heat and crop damage due to increased pests and disease. The longer growing season may help some crops but crops like corn and soybean will be negatively affected by the severe heat in the summer, which will decrease these crops' yields. Additionally, increased frequency and severity may negatively impact infrastructure. For example, dams and levees may be compromised after a prolonged drought if drying, reduction of soil strength, erosion, subsidence, or ground cracking occurs. Climate change is expected to increase the occurrence and duration of heat waves in the coming decades.

4.3 Earthquakes

Description

Earthquakes are sudden and rapid movements of the Earth's crust and are caused by the abrupt shifting of rocks deep underneath the earth's surface. These movements vary in length and may last from a few seconds to several minutes.

The seismicity, or seismic activity, of an area refers to the frequency, type, and size of earthquakes experienced over time. Earthquakes are measured using observations from seismometers. The Moment Magnitude Scale (MMS), which was developed in the 1970's, is the most common scale on which earthquakes larger than approximately 5.0 in magnitude are reported for the entire world. Earthquakes smaller than magnitude 5.0, which are more numerous, are reported by national seismological observatories and measured most on the local magnitude scale – also referred to as the Richter Scale. These two scales are numerically similar in their range of validity. Earthquakes of magnitude 3.0 or lower are often almost imperceptible or weak, while earthquakes of magnitude 7.0 or greater can potentially cause serious damage over larger areas.

Damage from an earthquake also depends on the earthquake's depth in the Earth's crust. The shallower an earthquake's epicenter, the more damage to structures it will cause. Alternatively, an earthquake can also be measured by its intensity. The Modified Mercalli Intensity Scale (MMI) ranges in value I to XII, in roman numerals (**Table 4.3.1**).

Earthquakes can happen anywhere without warning; they are low-probability, high-consequence events. Most major earthquakes in the U.S. have occurred in California as well as in Alaska, Hawaii, Oregon, Puerto Rico, Washington, and the entire Mississippi River Valley. There have been recorded earthquakes throughout the U.S., and the Ohio River Valley has experienced earthquakes exceeding the 3.0 magnitude within the last 25 years.

Location

Earthquakes are countywide hazards and can affect all areas and jurisdictions within Greene County. According to the Ohio Department of Natural Resources (ODNR), Ohio is located on the periphery of the New Madrid Seismic Zone, an area in and around Missouri that was the site of the largest earthquake sequence to occur in the country in the 1800's. Additionally, seismic activity is concentrated in the western Ohio region known as the *western Ohio seismic zone* (also referred to as the *Fort Wayne (Anna) seismogenic zone*), where more than 40 earthquakes have been felt since 1875.

Greene County is just west of the Grenville Front Tectonic Zone in the Granite-Rhyolite Rift Province and East Continent Rift Basin (**Figure 4.3.2**).

Extent

Earthquakes pose a risk to life and property depending on severity. To monitor earthquakes, the State of Ohio and the ODNR Division of Geological Survey coordinates a 29-station network (**Figure 4.3.3**) of seismograph stations throughout the state to continuously record earthquake activity. The Ohio Seismic Network (OhioSeis) stations are distributed across the state but are concentrated in the most seismically active areas or in areas that provide optimal conditions for detecting earthquakes. While the seismic network cannot predict earthquakes or provide an alert prior to an event, it can provide insight into earthquake risks in the state so that intelligent decisions about building and facility design and construction, insurance coverage, and other planning decisions can be made by individuals, business and industry, and governmental agencies.

According to the ODNR, there is one Ohio Seismic Network monitoring station in Greene County and one in the neighboring Montgomery County.

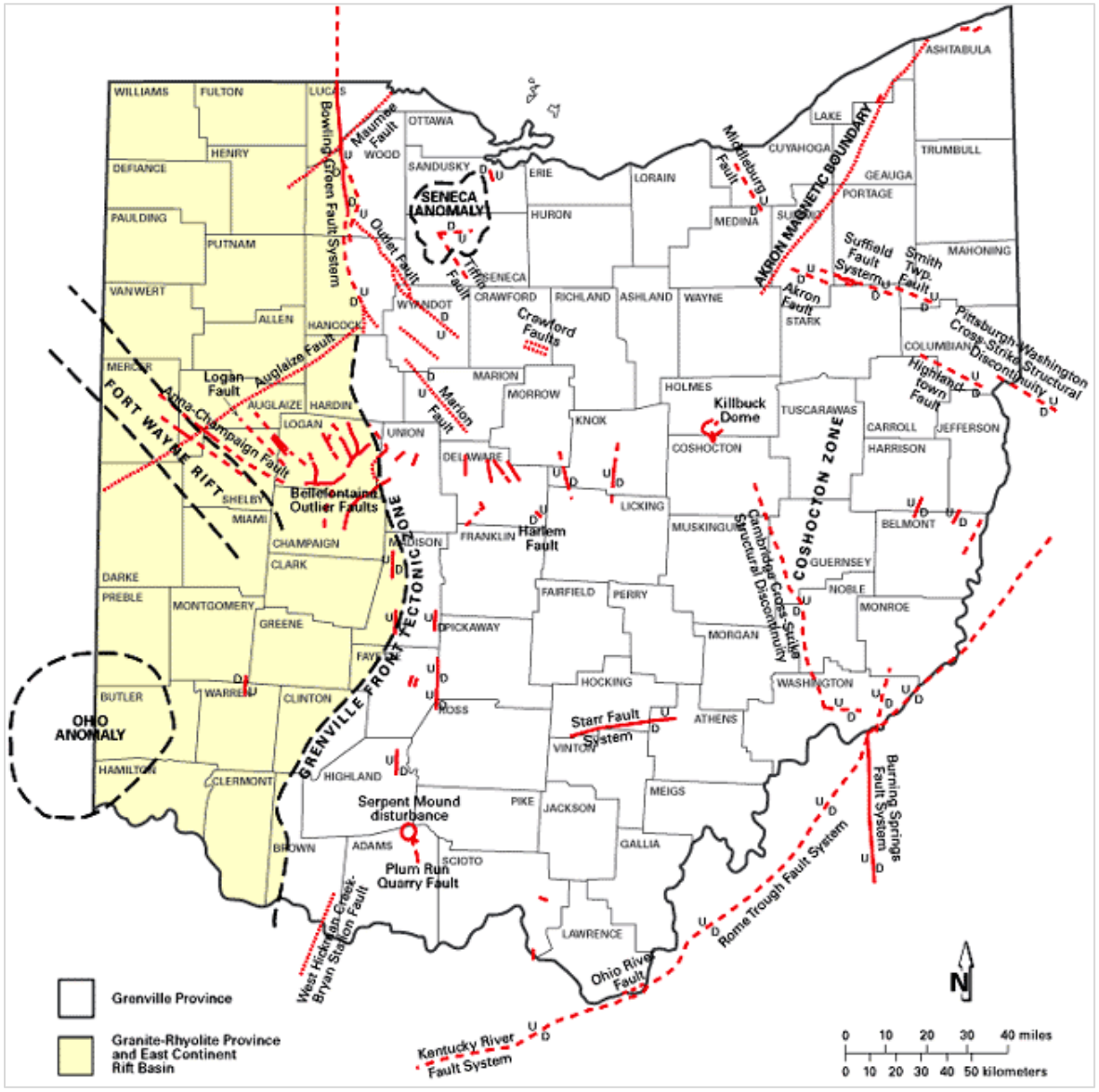
Earthquakes can yield a variety of different outcomes. With the ground shaking associated with earthquake events, buildings have a high potential to be impacted. If soil liquefaction, or the mixing of fine sediment and soil with groundwater occurs, buildings can sink into the ground. Earthquakes also have the potential to rupture dams or levees along a river, resulting in flooding and even tsunamis (see Dam Failure section). Earthquakes can cause landslides or avalanches in high-risk areas and can cause mines to subside. Furthermore, earthquakes that break gas and power lines can result in fires.

Table 4.3.1: Modified Mercalli Intensity Scale

Modified Mercalli Intensity Scale		Magnitude
I	Detected only by sensitive instruments.	1.5
II	Felt by few people at rest, especially on upper floors; delicately suspended objects may swing.	2
III	Felt noticeably indoors, but not always recognized as earthquake; standing autos rock slightly, vibrations like a passing truck.	2.5
IV	Felt indoors by many, outdoors by few, at night some awaken; dishes, windows, doors disturbed; standing autos rock noticeably.	3
V	Felt by most people; some breakage of dishes, windows, and plaster; disturbance of tall objects.	3.5
VI	Felt by all, many frightened and run outdoors, falling plaster and chimneys, damage small.	4
VII	Everybody runs outdoors; damage to buildings varies depending on quality of construction; noticed by drivers of autos.	4.5
VIII	Panel walls thrown out of frames; walls, monuments, chimneys fall; sand and mud ejected; drivers of autos disturbed.	5
IX	Buildings shifted off foundations, cracked, thrown out of plumb; ground cracked; underground pipes broken.	5.5
X	Most masonry and frame structures destroyed; ground cracked, rails bent, landslides.	6
XI	Few structures remain standing; bridges destroyed, fissures in ground, pipes broken, landslides, rails bent.	6.5
XII	Total damage; waves seen on ground surface, lines of sight and level distorted, objects thrown up into air.	7 7.5 8

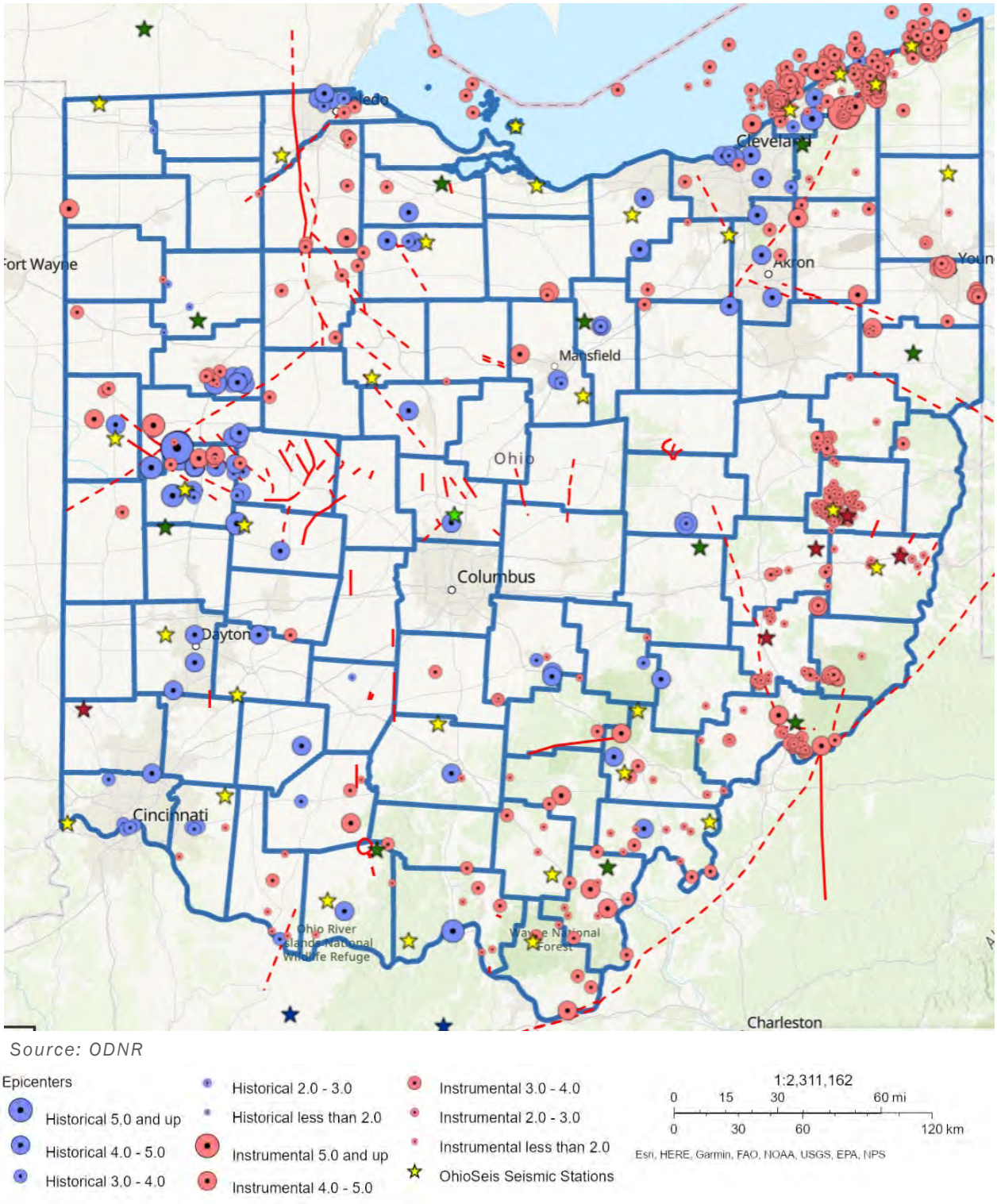
Source: ODNR

Figure 4.3.2: Ohio Faults and Seismic Zones



Source: ODNR

Figure 4.3.3: Earthquake Epicenters and Seismic Monitoring Stations in Ohio



Source: ODNR

History

More than 400 earthquakes of 2.0 magnitude or greater with epicenters in Ohio have occurred since 1776. Most of these events have been small, in the 2.0 to 3.0 magnitude range, while 18 earthquakes have had a magnitude of 4.0 or higher. No deaths are recorded in Ohio from earthquakes. According

to ODNR, Greene County has had one recorded earthquake between 1886 and 2024, with a magnitude of 3.5. The earthquake occurred in the Village of Yellow Springs in 1925. There is limited data available on any property damage.

Figure 4.3.4, below, displays epicenters of all historical earthquakes with a magnitude greater than 1.0. Locations and magnitudes of non-instrumental earthquakes correspond to felt area or maximum epicentral Modified Mercalli Intensities and may be in error by a considerable distance.

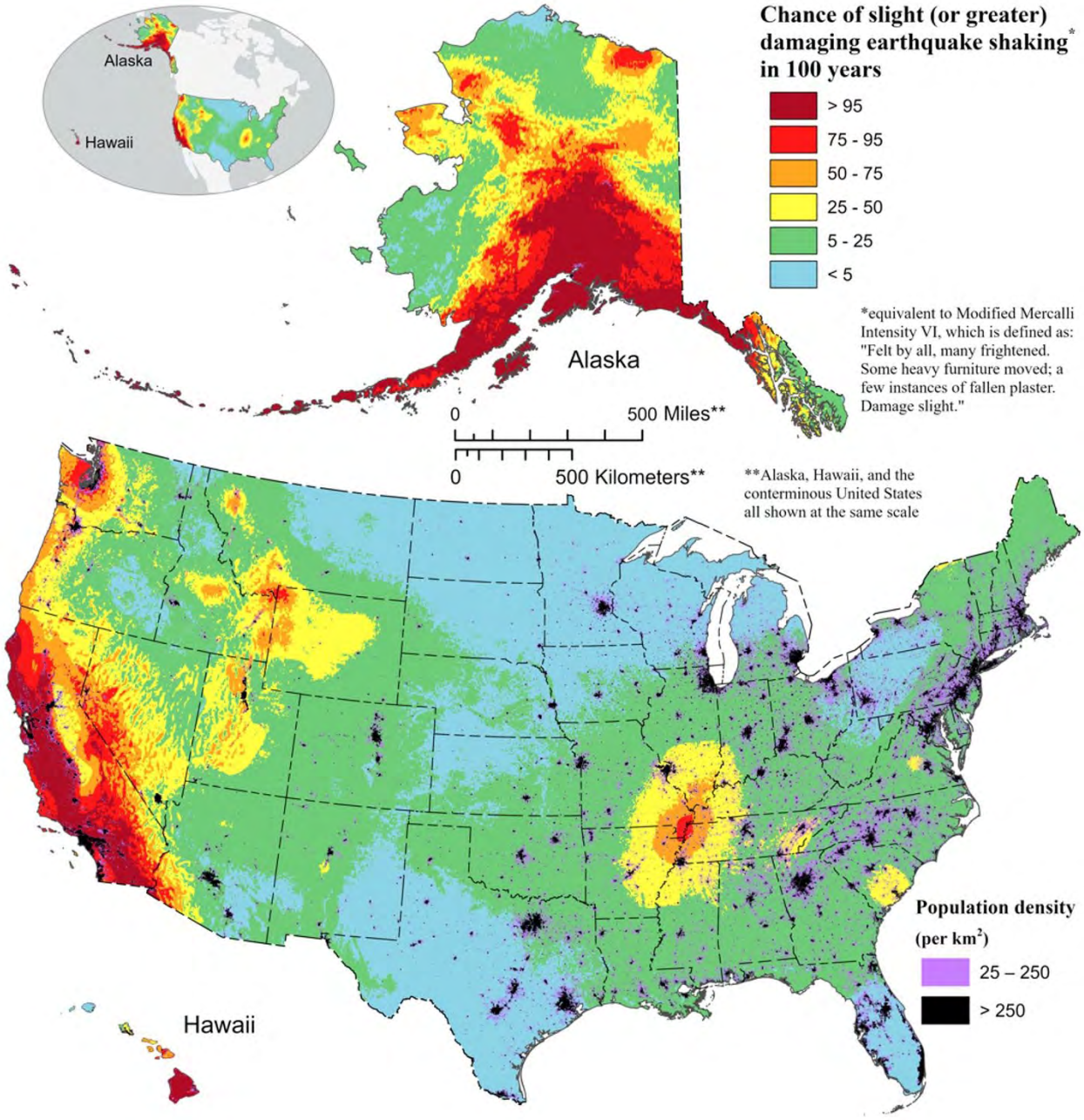
Probability

The USGS has both long-term and short-term probabilistic seismic hazard forecasts. In the 2024 one-hundred-year probabilistic seismic hazard forecast, the United States Geological Survey estimated that there is a 5 to 25 percent chance of potentially minor-damage ground shaking for Greene County (Figure 4.3.4).

The USGS also prepared national seismic hazard maps (NSHMP) for the United States. These time-independent maps are shown for two percent and ten percent probability of earthquake ground-shaking exceedance levels at specified probabilities over a 50-year period at several hundred thousand sites across the United States. The map (Figure 4.3.5) identifies that Greene County has a four to eight percent peak ground acceleration for two percent probability of exceedance in 50 years.

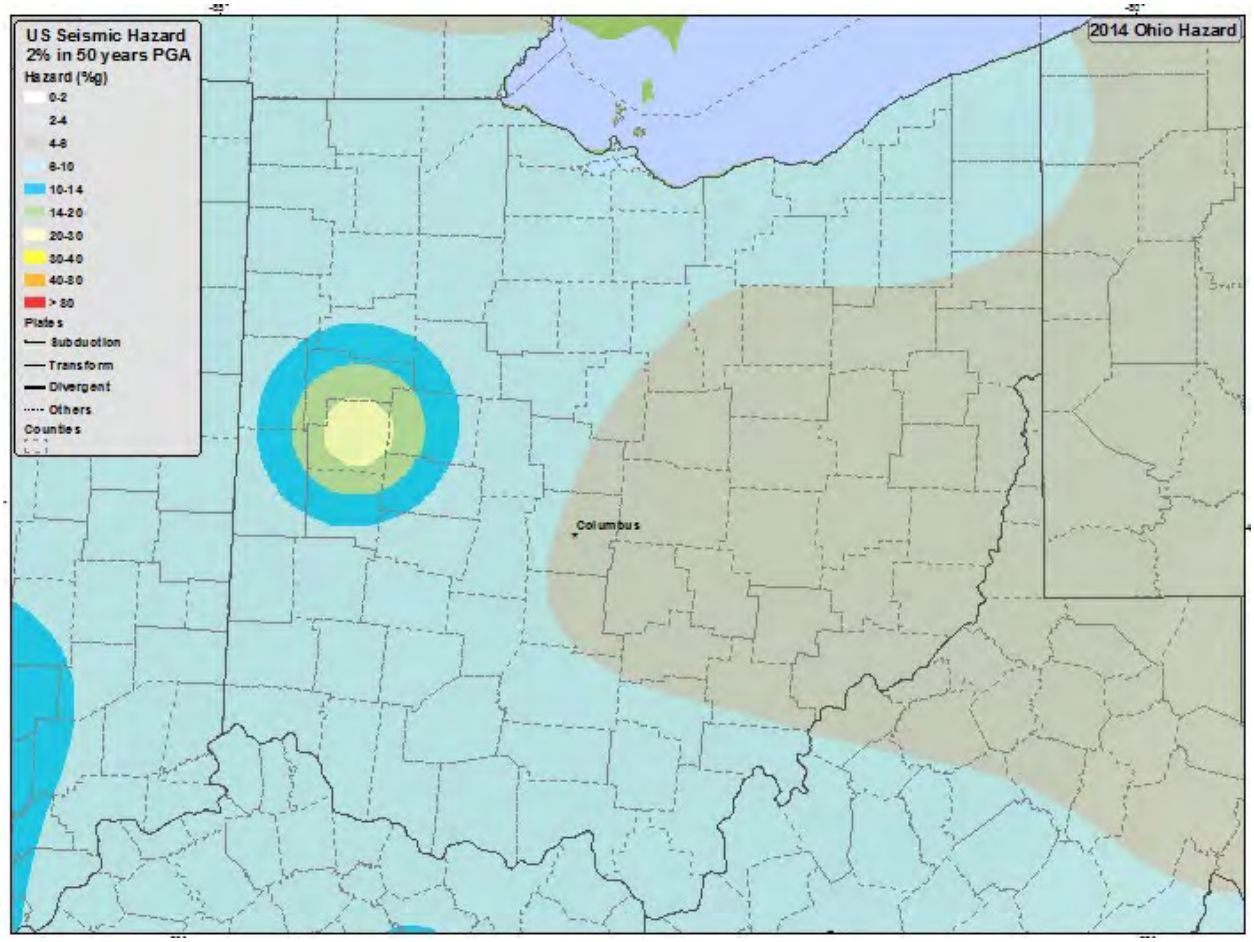
Furthermore, the ODNR indicates that the brief historic record of Ohio earthquakes suggests a risk of moderately damaging earthquakes in the western, northeastern, and southeastern parts of the State.

Figure 4.3.4: Earthquake Shaking and Seismic Design Categories



Source: *USGS*

Figure 4.3.5: 2014 Seismic Hazard Map of the State of Ohio



Source: USGS

Vulnerability Assessment

Infrastructure Impact

There has been one earthquake in Greene County since 1886, with a magnitude of 3.5. There is no information on whether the earthquake caused any property damage. Magnitudes under three are not generally noticed by people and cause little, if any, damage. Buildings, roadways, gas and power lines have the potential to be affected. Since the probability of an earthquake occurring in Greene County is less than one percent, there is a low risk of impact to infrastructure as a result.

Population Impact

There is a relatively low risk of earthquakes occurring in Greene County. Accordingly, there is a low risk of impact to the population. If an earthquake occurs within Greene, the population could be impacted by loss of homes, loss of utilities, and a potential reduction in air quality.

According to the National Risk Index calculated by FEMA, Greene County's risk was scored at 79.1 ("relatively low") to earthquakes, as compared to all other U.S. counties, due to its very low expected annual loss, relatively moderate social vulnerability, and relatively moderate community resilience scores. Earthquakes are unlikely to occur in Greene County; therefore, the population is unlikely to be affected by earthquakes. Socially vulnerable populations may be more affected by earthquakes if they live in older housing units or apartment complexes that do not have adequate earthquake-resilient

infrastructure. The index indicates an expected annual loss of $1.1 million due to earthquakes with a less than 0.045 percent chance of an event occurring per year.

Property Damage

With any earthquake event, there is potential for property damage to occur, as ground shaking can lead to damaged buildings. Due to the non-site-specific nature of this hazard, **Table 4.3.6** lists the census tracts in Greene County, ranked with the highest vulnerability to the lowest vulnerability.

Loss of Life

Greene County has no recorded earthquake events that have resulted in loss of life; however, if an earthquake occurs, there is potential for loss of life. If there are more people and structures in an earthquake prone location, there is likely to be more of an impact. Loss of life can be mitigated by educating the public on proper protection in the event of an earthquake. For example, the USGS resources on preparing for an Earthquake hazard (USGS Resources for Earthquake Preparedness) as well as the Ready Campaign (Ready.gov) are national public service campaigns designed to educate and empower the American people to prepare for, respond to, and mitigate disasters.

Economic Losses

Earthquakes have the potential to damage infrastructure, resulting in the economic burden of clean up and repairs. Potential economic losses and damage associated with Greene County for earthquakes according to FEMA's National Risk Index are recorded in **Table 4.3.6** below. The table shows the 20 census tracts with the highest total EAL (expected annual loss) from earthquakes. EAL rates, calculated by FEMA, identify the total value of loss expected each year for a particular community, in this case the census tracts for Greene County. Expected losses for buildings, population ($11.6 million for each fatality or 10 injuries), and agriculture per census tract for earthquakes are listed in the table below, ordered by highest to lowest total EAL (expected annual loss) from earthquakes.

Table 4.3.6: Structure and Population Vulnerability from Earthquakes

Census Tract	Expected Annual Loss (Building)	Expected Annual Loss (Population Equivalence)	Expected Annual Loss (Agriculture)	Expected Annual Loss (Total)
39057260100	$52,577	$26,909	$0	$79,486
39057210101	$41,830	$8,832	$0	$50,662
39057240600	$33,802	$13,290	$0	$47,092
39057280102	$29,752	$16,336	$0	$46,088
39057200104	$31,248	$13,796	$0	$45,043
39057210602	$29,541	$11,299	$0	$40,840
39057270100	$28,444	$9,777	$0	$38,220
39057255000	$27,238	$7,468	$0	$34,707
39057210500	$27,598	$7,083	$0	$34,681
39057240500	$24,807	$7,929	$0	$32,736
39057280300	$27,277	$3,715	$0	$30,992
39057210603	$24,215	$4,707	$0	$28,922
39057240302	$22,164	$5,795	$0	$27,959

Census Tract	Expected Annual Loss (Building)	Expected Annual Loss (Population Equivalence)	Expected Annual Loss (Agriculture)	Expected Annual Loss (Total)
39057210604	$21,974	$5,637	$0	$27,611
39057240200	$20,609	$6,529	$0	$27,139
39057240700	$19,598	$6,260	$0	$25,858
39057210401	$20,061	$4,800	$0	$24,862
39057220102	$18,479	$5,470	$0	$23,949
39057220201	$18,619	$4,093	$0	$22,712
39057280200	$16,307	$6,338	$0	$22,646
Total	**$536,141**	**$176,063**	**$0**	**$712,204**

Source: FEMA National Risk Index

Future Trends

Land Use and Development Trends

Because the incidence and likelihood of earthquakes is low in Greene County, all communities have a low risk. By planning for and managing land use to accomplish social, ecological, and economic sustainability, communities can reduce the negative impacts caused by earthquakes. This can be accomplished through comprehensive land-use plans and supportive federal and state policies. As such, enforcement of stricter building codes that ensure that all new developments are built up to code can reduce risk. Infrastructure (constructed facilities and lifelines) should be designed and constructed to resist earthquake shaking following the current state-of-the-art engineering and technology practices.

Greene County's Perspectives 2040 Goals are to focus on strategically balanced land development, protect farmland, expand and diversify the local economy, revitalize existing communities, preserve natural resources, and enhance quality of life. The Perspectives 2040 offers zone recommendations for natural and open spaces, agriculture, rural living, suburban living, urban living, community centers, commercial and employment centers, and institutional campuses. The developmental framework describes the developmental intent for each zone and will serve as a foundation for future regulatory policies. Given these developmental intentions there is no known changes in risks associated with earthquakes in Greene County.

Climate Change

Climate change has no known effect on the probability or extent of earthquakes.

4.4 Flood

Description

FEMA describes a flood as "a general and temporary condition of partial or complete inundation of normally dry land areas from the overflow of inland or tidal waters [and] the unusual and rapid accumulation or runoff of surface waters from any source." Floods are typically riverine, coastal, or shallow. Flash floods are floods that occur quickly, even occurring without visible signs of precipitation.

Urban flooding can occur in areas of development that have a high level of impervious surfaces such as concrete. The level of development and the level of stormwater management practices impact the severity of urban flooding.

Common flood-related terms include:

- **100-Year Flood:** A flood that has a one percent chance of occurring each year. The 100-year floodplain can be seen in **Figure 4.4.1: Flood Hazard Map**. The elevation of the water from the 100-year flood is called the Base Flood. Mitigation strategies should be based on the base flood elevation.
- **Floodplain:** An area that has the potential to flood from any source.
- **Floodway:** Sometimes referred to as a regulatory floodway. FEMA defines a floodway as "the channel of a river or other watercourse and the adjacent land areas that must be reserved in order to discharge the Base Flood without cumulatively increasing the water surface elevation more than a designated height."
- **Flash flood:** Flash floods are typically caused by heavy rainfall over a short period of time. These floods are particularly dangerous because they can occur in minutes and can sometimes occur even without rainfall such as when an ice jam breaks or dissolves. Areas impacted by wildfires are particularly susceptible to flash floods. Flash floods can occur just about anywhere with enough rainfall and are not restricted to the 100-year floodplain. Development/restriction to drainage or increased impervious surfaces can contribute to flash flood frequency.

Location

Flooding can occur throughout Greene County. Flash flooding is more likely to occur in developed areas or along lakes and rivers. **Figure 4.4.1** shows the location of the 100-year floodplain. Floods can and do occur outside the FEMA defined 100-year flood zone. Sometimes very small watersheds are not included in the FEMA analyses, but floods can occur in these smaller watersheds as well.

Extent

Greene County currently has 57 flood insurance maps (see **Appendix F**). The most recent update is from March 2022.

Greene County and nine of its communities, including the City of Beavercreek, City of Bellbrook, City of Fairborn, City of Xenia, Village of Cedarville, Village of Clifton, Village of Jamestown, Village of Spring Valley, and the Village of Yellow Springs, participate in the National Flood Insurance Program (NFIP) (**Table 4.4.2**). The Village of Bowersville is not in the NFIP flood hazard area and does not participate in the NFIP.

Figure 4.4.1: Flood Hazard Map of Greene County, Ohio

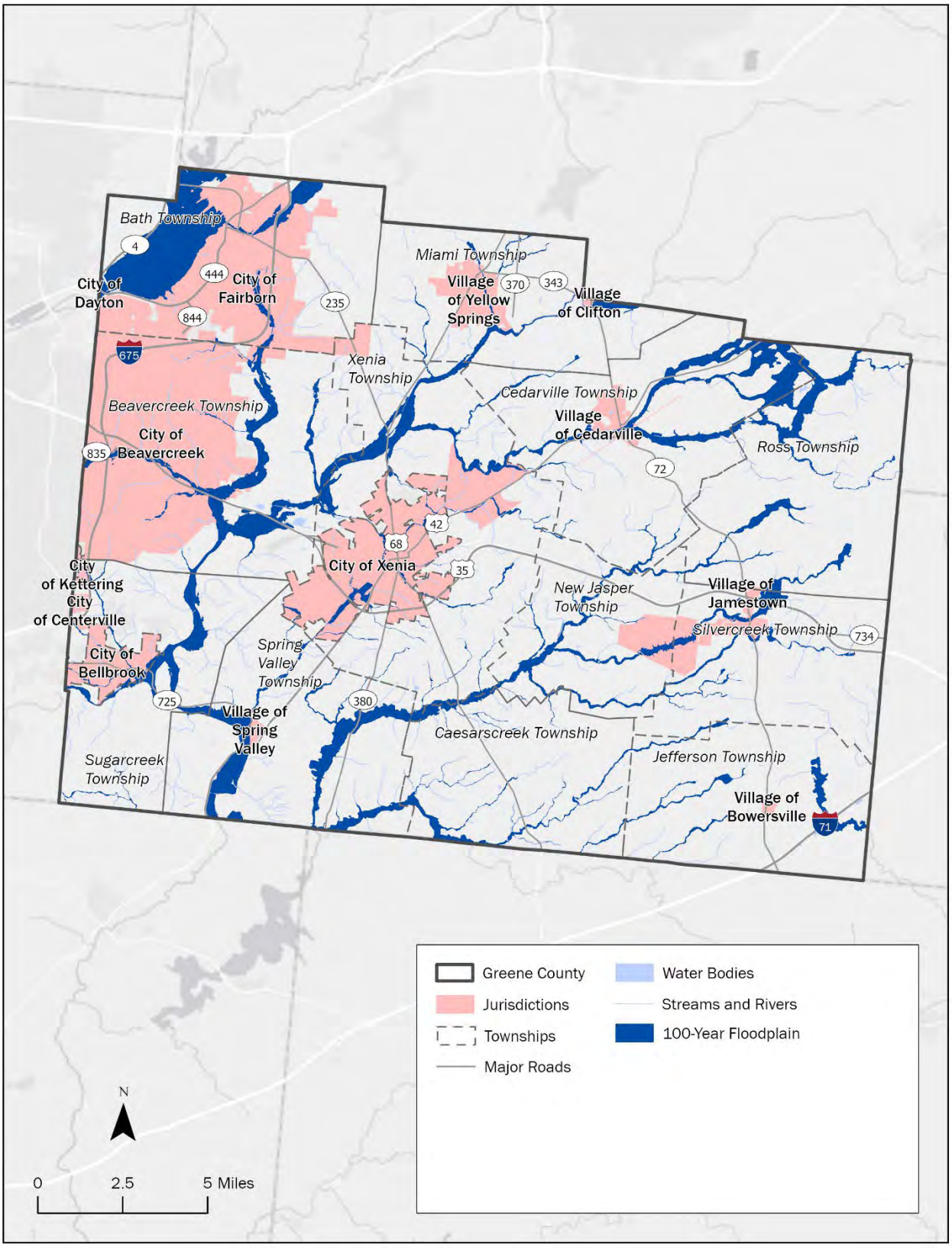


Table 4.4.2: National Flood Insurance Program Participation for Greene County, Ohio

Community Name	County	NFIP Coordinator	Init FHBM Identified	Init FIRM Identified	Effective Map Date	Reg-Emer Date	Participating in NFIP
Greene County*	Greene	Scott Young	07/07/78	04/01/81	03/08/22	04/01/81	Yes
City of Beavercreek	Greene	Sandra Pereira	09/04/81	08/02/82	03/08/22	08/02/82	Yes
City of Bellbrook	Greene	Jason Foster	11/02/74	06/01/77	03/08/22	06/01/77	Yes
City of Xenia	Greene	Chris Berger	12/23/77	01/02/81	03/08/22	01/02/81	Yes
Village of Cedarville	Greene	Diane Porter	01/10/75	07/02/80	03/08/22	02/24/81	Yes
Village of Clifton	Greene Clark	J. Alex Bieri	08/08/75	07/02/80	03/08/22	07/08/80	Yes
City of Fairborn	Greene	Mike Gebhart		02/01/84	03/08/22	02/01/84	Yes
Village of Jamestown	Greene	Joshua Bradley	09/29/78	05/16/95	04/04/11	05/16/95	Yes
City of Kettering	Greene Montgomery	Steve Bergstresser	05/31/74	10/15/80	10/27/22	10/15/80	Yes
Village of Spring Valley	Greene	Dennis Painter	11/16/73	08/01/80	03/08/22	08/01/80	Yes
Village of Yellow Springs	Greene	Denise Swinger	10/18/74	09/04/85	03/08/22	09/04/85	Yes

Source: NFIP Community Status Book

Repetitive Loss

There are 13 repetitive loss properties and zero severe repetitive loss properties in or near Greene County, Ohio, detailed in Table 4.4.3. FEMA defines a repetitive loss property as an insurable building for which two or more claims of more than $1,000 were paid by the National Flood Insurance Program (NFIP) within any rolling ten-year period since 1978. FEMA defines a severe repetitive loss property as a single family property that is covered under flood insurance by the NFIP and has incurred flood-related damage for which four or more separate claim payments have been paid under flood insurance coverage, with the amount of each claim payment exceeding $5,000 and with cumulative amount of such claims payments exceeding $20,000; or for which at least two separate claims payments have been made with the cumulative amount of such claims exceeding the reported value of the property.

Table 4.4.3: Repetitive Loss Properties in Greene County, Ohio

Jurisdiction Occupancy	Total RL/SRL Structures	RL Structures	SRL Structures	Total Losses	Total Paid
Greene County (Unincorporated) Other Residential	1	1	0	3	$21,355
Greene County (Unincorporated) Single Family Residential	2	2	0	5	$20,460
City of Bellbrook Single Family Residential	3	3	0	6	$25,166
City of Beavercreek Single Family Residential	3	3	0	6	$41,843
City of Beavercreek Business Non-Residential	1	1	0	3	$641,207
City of Fairborn Single Family Residential	1	1	0	6	$69,332
City of Xenia Other Non-Residential	1	1	0	3	$39,017
City of Xenia Business Non-Residential	1	1	0	3	$127,075
Total	**13**	**13**	**0**	**35**	**$985,455**

Source: Ohio EMA

History

There have been 79 floods or flash floods in Greene County between January 1995 and December 2023. These events have caused $279,500 in property damage. No deaths or injuries were reported. There have been two major disaster declarations related to flooding covering Greene County since May 1953. There have been three flood events that caused property damage since the 2020 Greene County Hazard Mitigation Plan. The major disaster declarations for flooding and floods that have caused the greatest amount of damage are described below:

Flash Floods in Greene County, June 18, 2021:

A low-pressure system with warm and humid air moved across the Ohio Valley in June 2021 bringing thunderstorms and heavy rainfall. The rain washed out several roadways in Sugarcreek Township. On the same day heavy rainfall washed out a bridge three miles southwest of Jamestown. The rainfall caused numerous road closures across the County. Greene County reported $100,000 in property damage. No deaths or injuries were reported.

Major Disaster Declaration for Severe Storms and Flooding, May 23 – June 26, 1989:

On June 10, 1989, a major disaster declaration (DR-831-OH) was issued for 13 counties. Individual and public assistance was offered to each of the 13 counties, including Greene County.

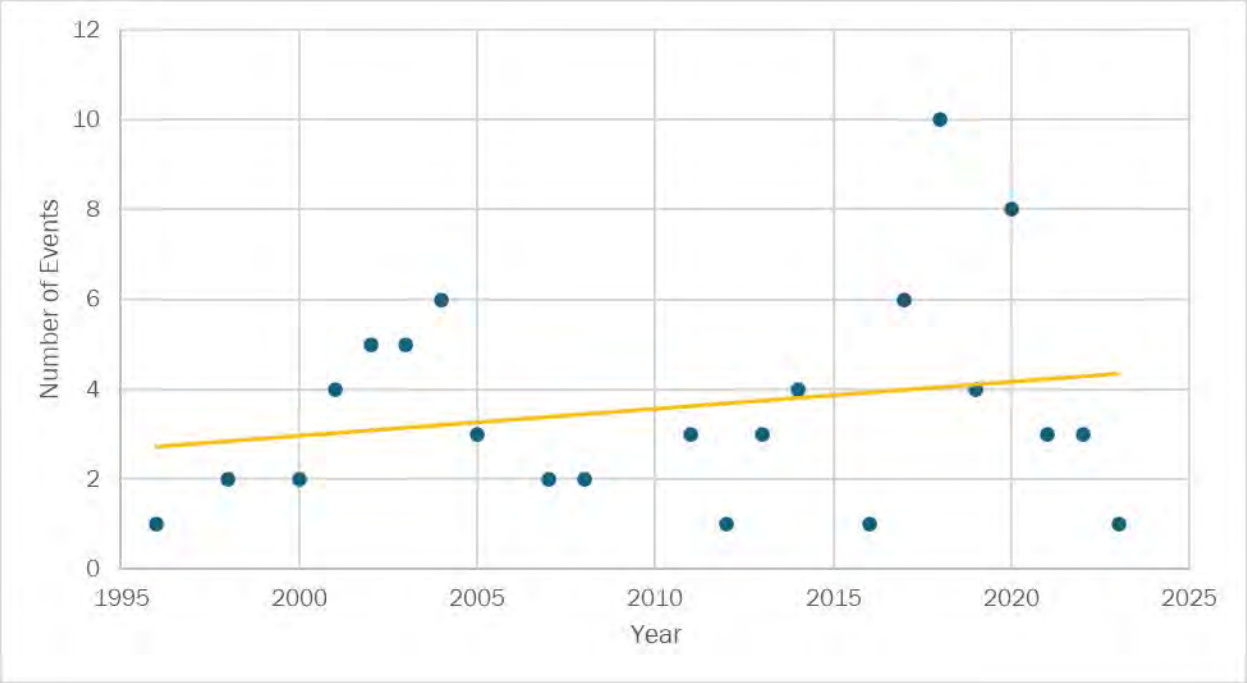
Major Disaster Declaration for Heavy Rains and Flooding, June 5, 1986:

On June 5, 1968, a major disaster declaration (DR-243-OH) was issued for 28 counties. Individual assistance was offered to each of the 13 counties, including Greene County.

Probability

Figure 4.4.4 Between 1995 and 2023, Greene County experienced 79 flooding events, including both floods and flash floods. Annually, this amounts to approximately two floods or flash floods per year. The yellow trendline of flood occurrences per year is increasing, which may suggest that Greene County can expect an increased frequency of flood events each year. According to the State of Ohio Hazard Mitigation Plan (SOHMP), increased precipitation and variability from climate change will increase the likelihood and intensity of flood events. The Climate Change section in Future Trends discusses climate change further.

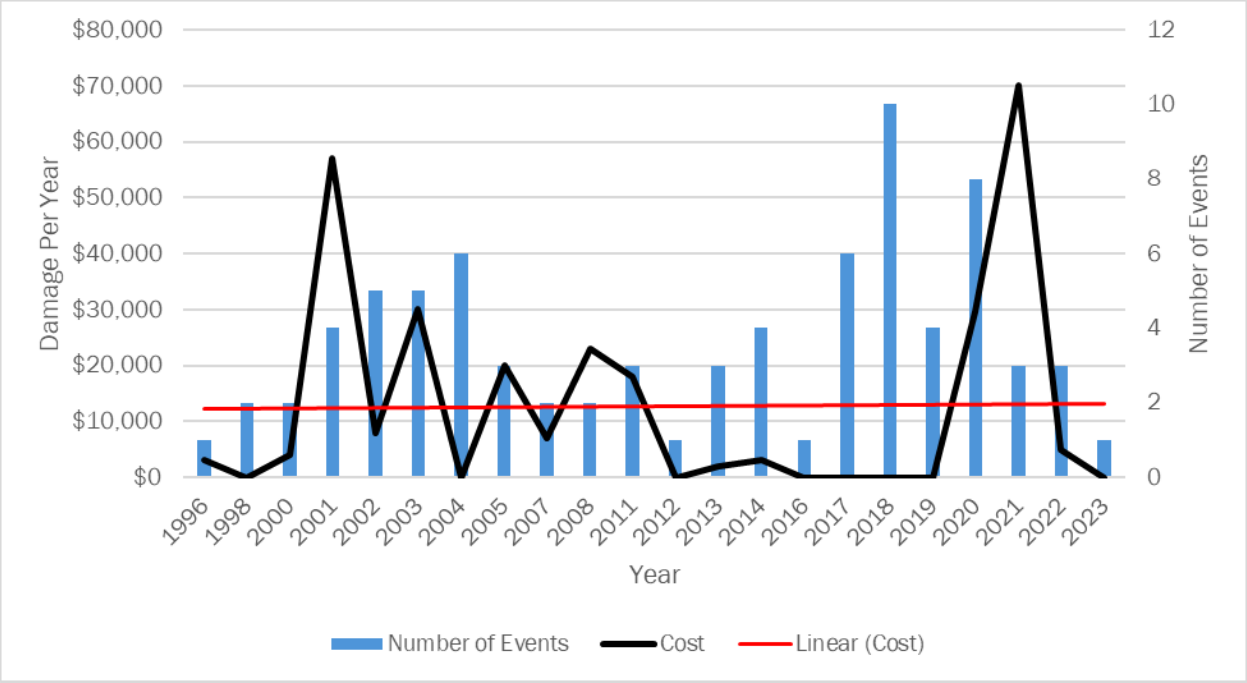
Figure 4.4.4: Probability of Flooding



Data Source: NOAA

Figure 4.4.5 shows both the trend of flood events and affiliated cost over time since January 1995. Between 1995 and 2023, floods or flash flood events have resulted in $279,500 in property damages (Source: NCEI). Annually, this amounts to approximately $9,638 in property damages. The trendline (shown in red) indicates that the expected property loss stays relatively stable, with a slight upward increase and isn't expected to decrease.

Figure 4.4.5: Probability and Cost of Flooding



Data Source: NOAA

Vulnerability Assessment

Infrastructure Impact

Floods can impact roadways, including interstates and state routes, by blocking them due to high water, filling them with debris or washing away the road altogether.

Population Impact

Floods and flash floods have caused damage to occupied homes and businesses in the past. During flood events, shelter and temporary housing may need to be provided to those impacted by flooding.

For social vulnerability, in the National Risk Index, "riverine flooding" had a score of 53.3 ("Relatively Low"). People that are most vulnerable to flooding are those who live within the 100-year floodplain in structures that are not elevated above the base flood elevation. The index indicates an expected annual loss of $629,000 due to flood events with 2.1 events occurring per year.

Property Damage

Floods have the potential to damage infrastructure, resulting in the economic burden of clean up and repairs. Potential economic losses and damage associated with Greene County for riverine flooding according to FEMA's National Risk Index are recorded in **Table 4.4.6** below. EAL rates, calculated by FEMA, identify the total value of loss expected each year for a particular community, in this case the census tracts for Greene County. This table shows the 20 census tracts with the highest total EAL (expected annual loss). The table includes expected losses for buildings, population ($11.6 million for each fatality or 10 injuries), and agriculture per census tract for riverine flooding.

Table 4.4.6: Structure and Population Vulnerability from Riverine Flooding

Census Tract	Expected Annual Loss (Building)	Expected Annual Loss (Population Equivalence)	Expected Annual Loss (Agriculture)	Expected Annual Loss (Total)
39057220102	$923	$81,306	$6,099	$88,327
39057260100	$378	$25,439	$59,285	$85,102
39057200300	$671	$46,431	$87	$47,189
39057270100	$608	$31,298	$8,627	$40,533
39057230100	$339	$21,133	$18,469	$39,942
39057200902	$283	$32,155	$3,972	$36,409
39057210602	$525	$30,510	$0	$31,034
39057280102	$103	$4,100	$19,133	$23,336
39057240302	$267	$19,017	$1,356	$20,641
39057220202	$235	$18,492	$239	$18,965
39057210603	$187	$12,654	$6,056	$18,898
39057240600	$170	$11,873	$5,306	$17,349
39057220101	$196	$14,368	$208	$14,771
39057210500	$271	$9,690	$3,962	$13,923
39057240700	$152	$11,098	$2,553	$13,803
39057240303	$62	$13,314	$0	$13,376
39057280101	$113	$7,047	$6,115	$13,275
39057200400	$163	$13,058	$0	$13,221
39057240500	$359	$10,862	$1,782	$13,003
39057240100	$316	$7,558	$3,478	$11,353
Grand Total	**$6,321**	**$421,403**	**$146,727**	**$574,450**

Source: FEMA National Risk Index

Loss of Life

There are no reported deaths from flood events in Greene County between January 1995 through December 2023. Loss of life is possible in future floods or flash floods.

Economic Losses

Floods can halt economic activity, block roadways, and destroy agricultural crops. Businesses may need to shut down their operations due to flood water damage or road closures. Crop losses are also possible during floods or flashfloods.

Future Trends

Land Use and Development Trends

Any development that occurs in flood zones will be at risk. Development in these areas should be limited. Flash flooding is more likely to occur in areas with a high percentage of impervious surfaces. Future land use practices should limit the percentage of impervious surfaces. **Chapter 5** contains mitigation actions that address these issues.

The current total value of taxable real estate in Greene County is $4,704,063,560. In 2022 and 2023, Greene County authorized a total of 949 new residential units at a total value of $433,290,000. The population is expected to increase by 2.2 percent, or 3,640 people between 2020 and 2030. An additional increase of 259 people (less than one percent) is expected between 2030 and 2040. The increased population and the increase in residential units could lead to additional risks. New construction should not occur within flood zones.

Communities that are participating in the National Flood Insurance Program (NFIP) are required to adopt and enforce regulations and codes that apply to new developments in Special Flood Hazard Areas (SFHAs). These local floodplain management regulations must contain, at a minimum, NFIP requirements and standards that apply not only to new structures, but also to existing structures which are Substantially Improved (SI), or Substantially Damaged (SD) from any cause, whether natural or human-induced hazards.

According to 44 CFR 59.1, substantial improvement means any reconstruction, rehabilitation, addition or other improvement to a structure, the total cost of which equals or exceeds 50 percent of the market value of the structure before the start of construction of the improvement. Likewise, substantial damage means damage of any origin sustained by a structure whereby the cost of restoring the structure to its before damaged condition would equal or exceed 50 percent of the market value of the structure before the damage occurred. SI/SD requirements are also triggered when any combination of costs to repair and improvements to a structure in an SFHA equals or exceeds 50 percent of the structure's market value (excluding land value).

$$\frac{(Cost\ to\ Repair) + (Cost\ of\ Improvements)}{Market\ Value\ of\ Structure} \geq 50\ Percent$$

Enforcing the SI/SD requirements is a very important part of a community's floodplain management responsibilities. The purpose of the SI/SD requirements is to protect the property owner's investment and safety, and, over time, to reduce the total number of buildings that are exposed to flood damage, thus reducing the burden on taxpayers through the payment of disaster assistance. SD/SI requirements are enforced by the local floodplain administrator and monitored by the Ohio Department of Natural Resources (ODNR) Floodplain Management Program during Community Assistance Visits. If a local floodplain administrator is overwhelmed by the number of SD/SI inspections after a large event, ODNR has developed a network of building code officials that are trained in conducting SD/SI field determinations. Help with SD/SI inspections can be requested through the county emergency management agency director.

For more information regarding Substantial Improvement and Substantial Damage, please refer to FEMA's Substantial Improvement/ Substantial Damage Desk Reference, P-758 or contact the ODNR Floodplain Management Program.

Climate Change

According to the International Panel on Climate Change, climate change has impacted human and natural systems. For example, infrastructure and stormwater systems in the Midwest are threatened by increased precipitation frequency and intensity induced by climate change (NCA 2018). According

to the SOHMP, increased precipitation and variability by climate change will also increase the likelihood and intensity of flood events, which will mostly occur during the summer and fall months. These events will mainly occur from late summer to early winter, increasing the likelihood of cool season flood events in late autumn and early winter. Additionally, heavy precipitation events and precipitation are projected to increase during winter and spring, causing flooding, sewer overflow, inundated roadways, delayed growing season and crop damage, and infrastructure damage. Emergency action plans, green infrastructure, and anticipating extreme events are important steps to prepare for climate change.

4.5 Invasive Species

Description

Harmful species are species that have potential negative impacts on the environment and economy of Greene County. Harmful species are both native and invasive. The National Oceanic and Atmospheric Administration (NOAA) defines an invasive species as "an organism that causes ecological or economic harm in a new environment and is not native." Harmful species are species that are native to a region, but that also cause significant ecological, public health, or economic harm. Their growth is often encouraged through human activity.

Invasive species can be terrestrial (land dwelling) or aquatic (water dwelling). Terrestrial species include plants, trees, shrubs, animals, birds, and insects, as well as fungi, bacteria, molds, and viruses. Aquatic species include aquatic plants and algae, fish, mollusks, amphibians, and insects, as well as fungi, bacteria, molds, and viruses.

Location

Invasive species have the potential to impact any location within the County. The most invasive of terrestrial species degrade the State's woodlands, wetlands, and prairies. Aquatic Invasive Species use rivers to spread. Ohio has over 66,000 miles of streams, 312 miles of Great Lakes shoreline, nearly 2,000 inland lakes and reservoirs, and shares major watersheds with other states and Canada. Greene County lies in the Mississippi River basin, which is an ecologically diverse river system, and is susceptible to invasions through the Ohio River and its tributaries.

Extent

Once invasive species become widely established, controlling their spread is both technically difficult and expensive, making eradication nearly impossible. Invasive species can usually overtake native species and alter the natural wildlife habitat.

The Ohio Department of Agriculture (ODA) has issued a quarantine for six counties in Ohio (Butler, Clermont, Hamilton, Greene, Montgomery, and Warren counties) beginning April 11, 2024, to prevent the spread of the box tree moth (**Figure 4.5.1**). Plants should not be transported outside of the quarantine zone.

Figure 4.5.1: Box Tree Moth

The **Emerald Ash Borer (EAB) (Figure 4.5.2)** is a common invasive species in Greene County. It is an exotic beetle that feeds on ash trees inhibiting its ability to transport water and nutrients. This insect was first found in Ohio in 2002 and has since been found in every county in the State. The EAB was first discovered in Greene County in 2009. Since the EAB has been found in every county, there are no quarantines in effect within Ohio's borders. Ohio is still listed in the Federal quarantine boundary.

Figure 4.5.2: Emerald Ash Borer and Feeding Tunnels

Source: David Cappaert (Left) and National Park Services (Right)

Approximately 2,300 plant species occur in the wild in Ohio. Of these, about 78 percent are native, that is, they were found in the region before the times of European settlement. Of the remaining 22 percent, fewer than 100 have been identified to be problems in natural areas. According to the Ohio Invasive Plants Council, there are 38 invasive plant species in Ohio that have been banned and more under consideration (**Table 4.5.3**). These plants cannot be sold, distributed, or imported.

Studies conducted by Ohio Department of Natural Resources, Ohio Sea Grant, and the Ohio State University have identified over 70 invasive aquatic species in Ohio (**Table 4.5.4**). With the exception of White Perch, it is unlawful to possess, import, or sell these species live.

Table 4.5.3: Plant Invasive Species in Ohio as of January 7, 2018

Scientific Name	Common Name
Ailanthus altissima	Tree-of-heaven
Alliaria petiolate	Garlic mustard
Berberis vulgaris	Common barberry
Butomus umbellatus	Flowering rush
Celastrus orbiculatus	Oriental bittersweet
Centaurea stoebe ssp. Micranthos	Spotted knapweed
Dipsacus fullonum	Common teasel
Dipsacus laciniatus	Cutleaf teasel
Egeria densa	Brazilian elodea
Elaegnus angustifolia	Russian olive
Elaegnus umbellate	Autumn olive
Epilobium hirsutum	Hairy willow herb

Scientific Name	Common Name
Frangula alnus	Glossy buckthorn
Heracleum mantegazzianum	Giant hogweed
Hesperis matronlis	Dame's rocket
Hydrilla verticillata	Hydrilla
Hydrocharis morsus-ranae	European frog-bit
Lonicera japonica	Japanese honeysuckle
Lonicera maackii	Amur honeysuckle
Lonicera morrowii	Morrow's honeysuckle
Lonicera tatarica	Tatarian honeysuckle
Lythrum salicaria	Purple loosestrife
Lythrum virgatum (effective January 7, 2019)	European wand loosestrife
Microstegium vimineum	Japanese stiltgrass
Myriophyllum aquaticum	Parrotfeather
Myriophyllum spicatum	Eurasian water-milfoil
Nymphoides peltata	Yellow floating heart
Phragmites australis	Common reed
Potamogeton crispus	Curley-leaved pondweed
Pueraria montana var. lobate	Kudzu
Pyrus calleryana (effective January 7, 2023)	Callery pear
Ranunculus ficaria	Fig buttercup, lesser celandine
Rhamnus cathartica	Common Buckthorn
Rosa multiflora	Multiflora rose
Trapa natans	Water chestnut
Typha angustifolia	Narrow-leaved cattail
Typha x glauca	Hybrid cattail
Vincetoxicum nigrum	Black Swallow-Wort

Table 4.5.4: Aquatic Invasive Species in Ohio

Type	Scientific Name	Common Name
Fish	*Alosa pseudoharengus*	Alewife
Fish	*Carassius auratus*	Goldfish
Fish	*Carassius carassius*	Crucian Carp
Fish	*Carassius gibelio*	Prussian Carp

Type	Scientific Name	Common Name
Fish	*Channa app. and Parachanna app.*	Snakeheads
Fish	*Claris batrachus*	Walking Catfish
Fish	*Ctenopharyngodon idella*	Diploid Grass Carp - White Amur
Fish	*Ctenopharyngodon Idella*	Grass Carp
Fish	*Cyprinus carpio*	Common Carp
Fish	*Fundulus catenatus*	Northern Studfish
Fish	*Fundulus diaphanus*	Eastern Banded Killifish
Fish	*Gambusia holbrooki and Gambusia affinis*	Eastern & Western Mosquitofish
Fish	*Gasterosteus aculeatus*	Three Spine Stickleback
Fish	*Gymnocephalus cernuus*	Ruffe
Fish	*Hypophthalmichthys harmandi*	Large-scale Silver Carp
Fish	*Hypophthalmichthys molitrix*	Silver Carp
Fish	*Hypophthalmichthys nobilis*	Bighead Carp
Fish	*Lates niloticus*	Nile Perch
Fish	*Leuciscus idus*	Ide
Fish	*Morone americana*	White Perch
Fish	*Mylopharyngodon piceus*	Black Carp
Fish	*Neogobius melanostomus*	Round Goby
Fish	*Osmerus mordax*	Rainbow Smelt
Fish	*Perca fluviatilis*	European Perch
Fish	*Perccottus glenii*	Amur Sleeper
Fish	*Petromyzon marinus*	Sea Lamprey
Fish	*Phoxinus phoxims*	Eurasian Minnow
Fish	*Proterorhinus marmoratus*	Tubenose Goby
Fish	*Pseudorasbora parva*	Stone Moroko
Fish	*Rhodeus sericeus*	Bitterling
Fish	*Rutilus sericeous*	Roach
Fish	*Sander lucioperca*	Zander
Fish	*Scardinius erythrophthalmus*	European Rudd
Fish	*Scardinius erythrophthalmus*	Rudd
Fish	*Silurus glanis*	Wels Catfish
Fish	*Tinca tinea*	Tench
Mollusks	*Bellamya (Cipangopaludina)*	Mystery Snails

Type	Scientific Name	Common Name
Mollusks	*Bithynia tentaculata*	Faucet Snail
Mollusks	*Corbicula fluminea*	Asian Clam
Mollusks	*Dreissena bugensis*	Quagga Mussel
Mollusks	*Dreissena polymorpha*	Zebra Mussel
Mollusks	*Limnoperna fortune*	Golden Mussel
Mollusks	*Potamopyrgus antipodarum*	New Zealand Mudsnail
Crustaceans	*Bythotrephes longimanus*	Spiny Waterflea
Crustaceans	*Cercopagis pengoi*	Fishhook Waterflea
Crustaceans	*Cherax destructor*	Yabby
Crustaceans	*Cherax tenuimanus*	Marron
Crustaceans	*Dikerogammarus villosus*	Killer Shrimp
Crustaceans	*Eriocheir sinensis*	Chinese Mitten Crab
Crustaceans	*Eriocheir sinensis*	Chinese Mitten Crab
Crustaceans	*Faxonius virilis*	Virile Crayfish
Crustaceans	*Hemimysis anomala*	Bloody-red Shrimp
Crustaceans	*Procambarus clarki*	Red Swamp Crayfish
Plant	*Butomus umbellatus*	Flowering-rush
Plant	*Egeria densa*	Brazilian Waterweed
Plant	*Hydrilla verticillata*	Hydrilla
Plant	*Hydrocharis morsus-ranae*	European Frog-bit
Plant	*Iris pseudacorus*	Yellow Iris
Plant	*Ludwigia peploides*	Creeping Water-primrose
Plant	*Lysimachia nummularia*	Moneywort
Plant	*Lythrum salicaria*	Purple Loosestrife
Plant	*Marsilea quadrifolia*	European Water Clover
Plant	*Myriophyllum aquaticum*	Parrotfeather
Plant	*Myriophyllum spicatum*	Eurasian Watermilfoil
Plant	*Najas minor*	Brittle Naiad
Plant	*Nelumbo nucifera*	Pink Lotus
Plant	*Nitellopsis obtusa*	Starry Stonewort
Plant	*Nymphoides peltata*	Yellow Floating Heart
Plant	*Phalaris arundinacea*	Reed Canary Grass
Plant	*Phragmites australis*	Common Reed (Phragmites)

Type	Scientific Name	Common Name
Plant	*Pistia stratiotes*	Water Lettuce
Plant	*Potamogeton crispus*	Curly-Leaf Pondweed
Plant	*Trapa natans*	Water Chestnut
Plant	*Typha angustifolia, Typha x glauc*	Narrowleaf and Hybrid Cattails

Other invasive species that have the potential to impact Greene County and the surrounding counties in Ohio include:

Asian Long-Horned Beetles are wood-boring beetles native to Asia that were unintentionally introduced to North America, likely in wood packing material. Clermont County experienced an infestation in 2011. They pose a significant threat to forested land. There are no known Asian Long-Horned Beetle infestations in Greene County.

Mute Swans are non-native invasive species found on public lakes across Ohio, originally known as winter visitors with the first published record in the United States in 1936 and Ohio in 1987. During the breeding season, March through May, adult mute swans become highly territorial and will fight to push native birds out of their nesting area. Mute swans have attacked humans and pets during this time as well. Mute swans can consume submerged aquatic vegetation and usually uproot the whole plant leaving nothing behind. This takes away natural habitat from fish and leaves little food source for native waterfowl. The removal of aquatic vegetation can also cause water quality issues and erosion problems.

History

Greene County has been impacted by the Emerald Ash Borer, with infestations starting as early 2009. The extent of this damage is unknown. Box Tree Moths have been found in Greene County, and most of the County is part of a quarantine zone. Additionally, it is possible that any of the other species listed above have at one point affected the County and its residents.

Probability

Since there are many invasive species throughout Ohio, it is probable that Greene County will experience some of the invasive species listed above (**Tables 4.5.1 and 4.5.2**).

Vulnerability Assessment

Infrastructure Impact

There are no likely impacts to public roadways or utilities. Public trees may be destroyed or impacted by various invasive species. Aquatic invasive species could destroy water quality, make poor habitat for fish, and clog water intake pipes. Some species also increase fire potential and can be problematic to levees, dams, and irrigation systems.

Population Impact

There are no likely impacts on the local population. Recreational activities such as boating and fishing may be mildly impacted.

Property Damage

Property damage, in the form of reduced values from impacts on landscaping, is likely.

Loss of Life

Loss of life because of invasive species is very unlikely. Some of these species consumed as food could lead to diseases and other health impacts in humans.

Economic Losses

Economic impacts can vary greatly depending on the target and the invasive species and their impacts on those targets. Agricultural and horticultural revenue losses may be experienced if crops and plants are affected by an invasive species. Also, there may be indirect economic losses with degradation of forested lands and tree canopies. Examples include reduction in viable lumber for construction, increased heating and cooling costs, and reduced property value.

Future Trends

Land Use and Development Trends

There could be slight impacts on development and land use due to invasive species. Some invasive species can be particularly damaging to crops, agricultural land, and wetlands. Future development may involve site investigation to identify any potential invasive species on the property.

Climate Change

According to the Fifth National Climate Assessment, warming temperatures caused by climate change is aiding in the spread of invasive species. Climate change can favor nonnative invading species over native ones due to the tolerance of invasive species to warmer climate zones and native communities' decreased resistance to the new extreme weather in their environment.

4.6 Landslide and Mine Subsidence

Description

The Ohio Department of Natural Resources (ODNR) defines a landslide as "a variety of downslope movements of earth materials. Some slides are rapid, occurring in seconds, whereas others may take hours, weeks, or even longer to develop." Landslides are commonly triggered by human-induced vibrations, over-steepened slopes, increased weight on a slope, and removal of vegetation on areas with landslide-prone slopes. Landslides can also be caused by heavy precipitation.

Subsidence is the motion of the earth's surface as it shifts downward relative to a benchmark (often sea level) of the surrounding terrain. In Ohio, the two primary causes are abandoned underground mines (AUMs) and karst. Karst is a topographic feature formed when carbonate rock, such as limestone, dolomite, and gypsum, is eroded by water draining or moving from these areas. Karsts are commonly represented as caves.

According to the Ohio Administrative Code 3901-1-48, mine subsidence is loss caused by the collapse or lateral or vertical movement of structures resulting from the caving in of underground mines including coal mines, clay mines, limestone mines, and salt mines. Mine subsidence does not include loss caused by earthquakes, landslides, volcanic eruptions, or collapse of strip mines, storm and sewer drains, or rapid transit tunnels. Several factors determine the potential for mines to collapse including depth, mining technique used, types of rock and/or soils, and development on the ground surface. Additionally, abandoned underground coal mines in Ohio have the potential to discharge acidic water which, if discharged into creeks or streams, can alter the chemical composition of the water habitat and cause considerable harm to sensitive aquatic life.

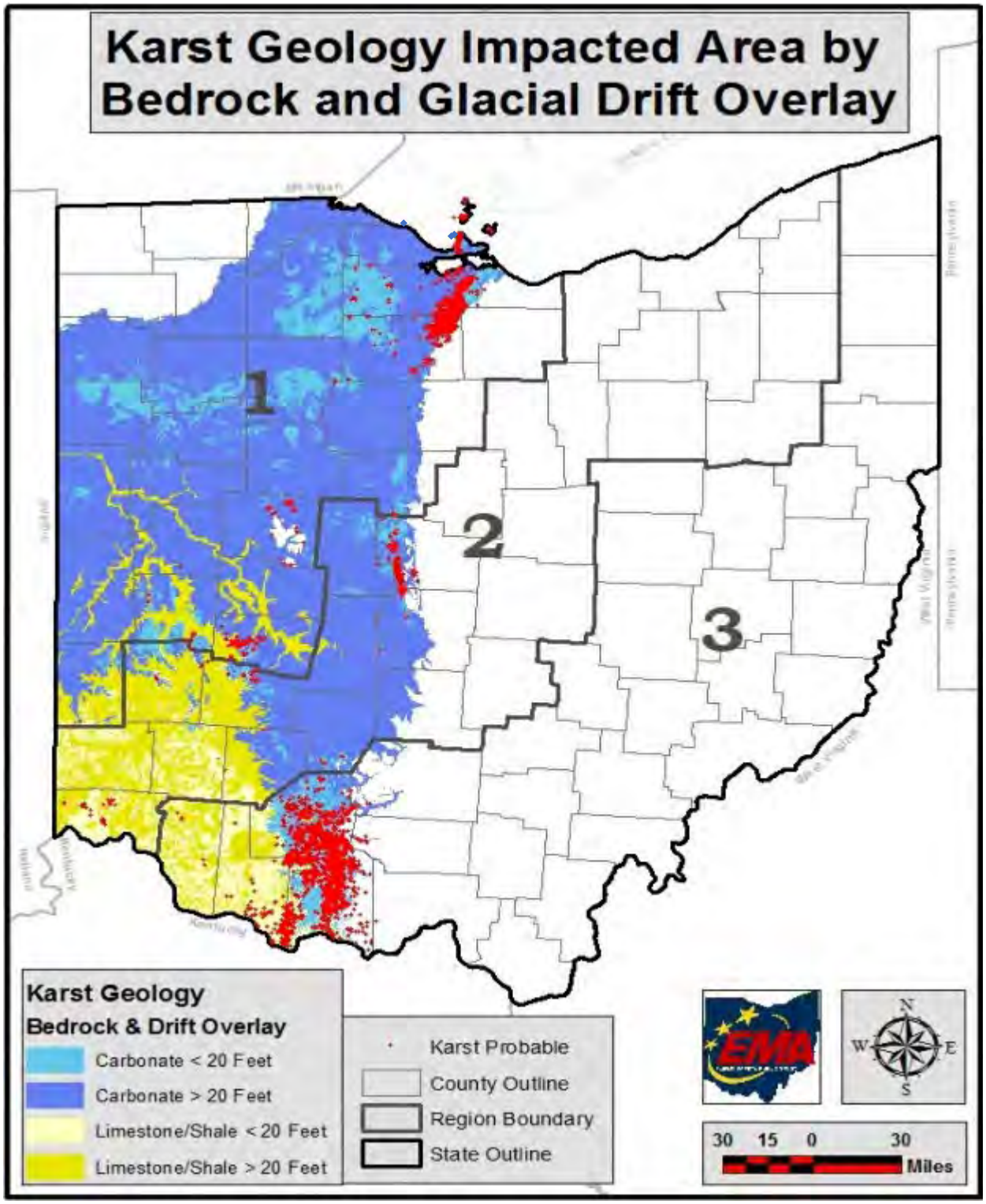
Location

Several sink holes have been located in Cedarville and Miami Townships. **Figure 4.6.1** shows the location of areas impacted by bedrock and glacial drift overlay.

Figure 4.6.2 shows the location of abandoned underground mines (UAMs) in Ohio and which counties have the option or are required to obtain mine subsidence insurance. The majority of abandoned underground mines can be found in region three or in nearby counties. Greene County is located in region two where nine counties have the option to obtain insurance. Greene County does not have any unabandoned underground mines.

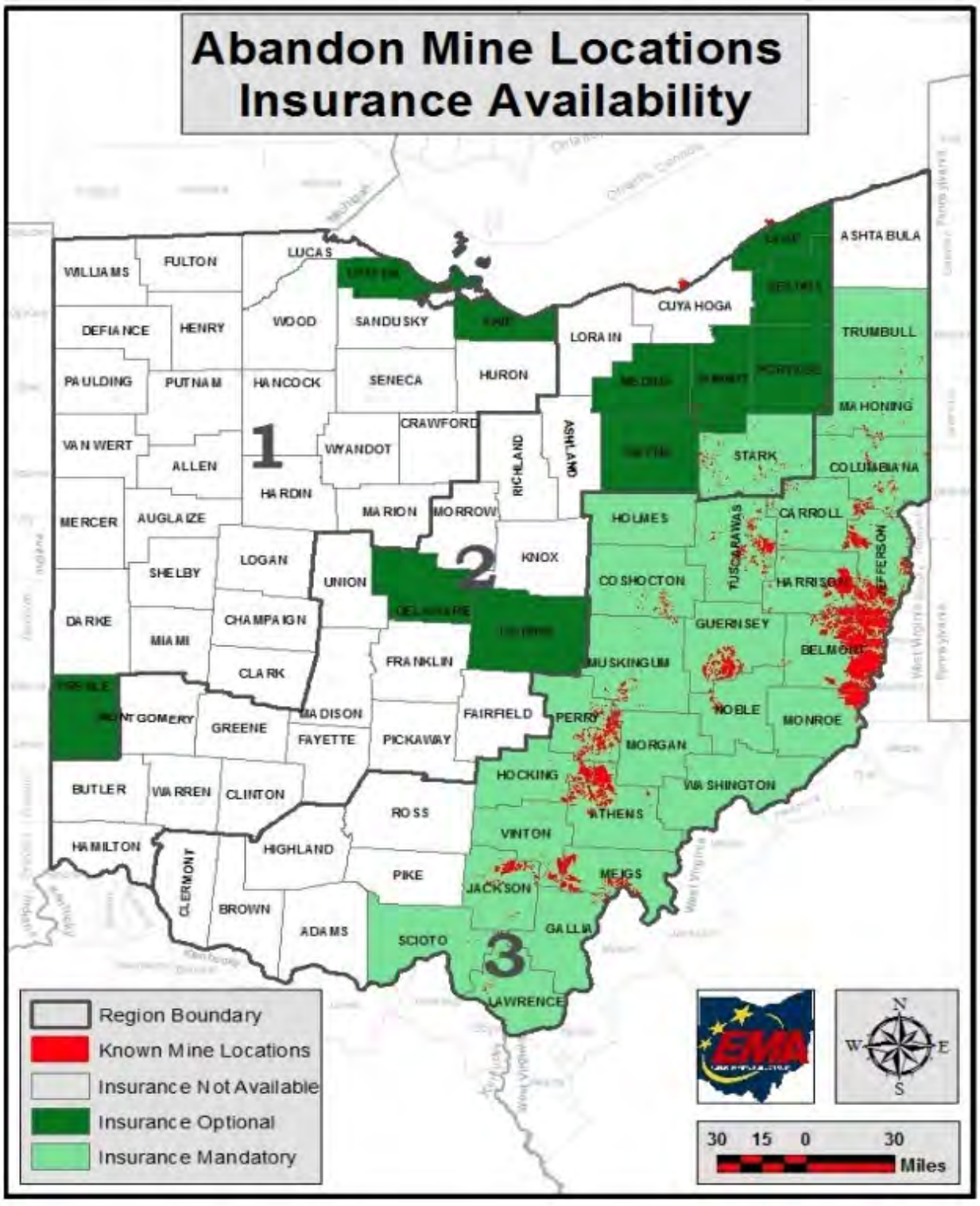
Figure 4.6.3 shows the location of areas at risk for landslides. Greene County is in region two and has low incidence of landslides. The map displays both the incidence of landslides and susceptibility of the land surface to landslides. Briefly, the map was constructed by evaluating geologic units shown on the geologic map of the United States (King and Beikman, 1974) and classifying them as having high, medium, or low landslide incidence based on number of known landslides, and as having the high, medium, or low susceptibility to landslide. High incidence was assigned to map units (indicated in red on the map) having more than 15 percent of their area involved in landslide; moderate incidence (in tan) to those having between 15 and 1.5 percent; and low incidence (in yellow) to those having less than 1.5 percent.

Figure 4.6.1: Karst Geology Impacted Area by Bedrock and Glacial Drift Overlay



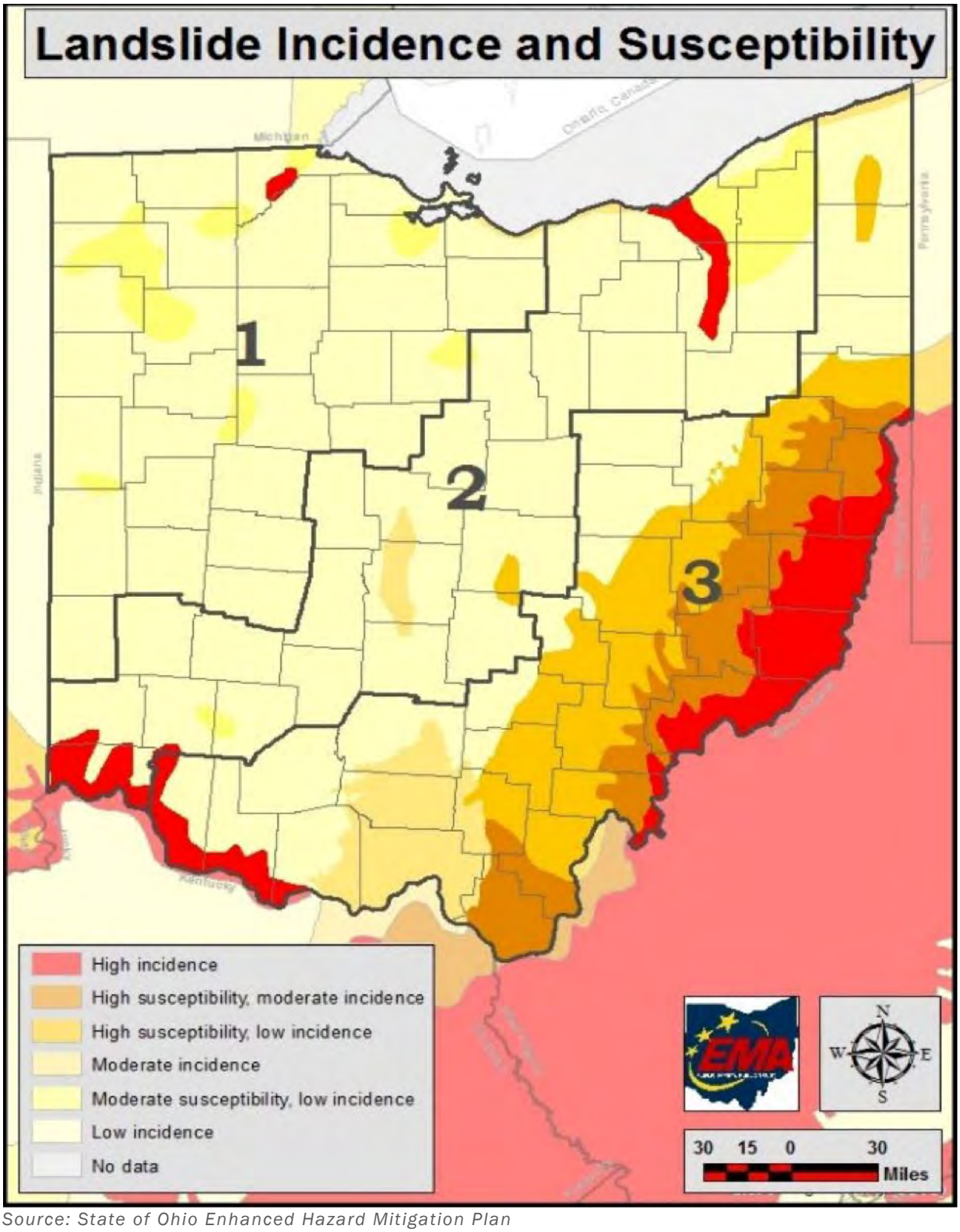
Source: State of Ohio Enhanced Hazard Mitigation Plan

Figure. 4.6.2: Abandon Mine Locations and Insurance Availability



Source: State of Ohio Enhanced Hazard Mitigation Plan

Figure 4.6.3: Landslide Incidence and Susceptibility Map



Source: State of Ohio Enhanced Hazard Mitigation Plan

Extent

According to ODNR Division of Geologic Survey, Greene County is home to five bedrock formations: the Allegheny and Pottsville Groups Undivided, the Conemaugh Group, the Monongahela Group, the Dunkard Group (Permian-Pennsylvanian), and the Dunkard Group (Permian). These formations include a mix of shale, mudstone, limestone, siltstone, sandstone, conglomerate, and subordinate amounts of limestone, clay, flint, and coal.

There are three major types of landslides:

1. Rotational slump, or a mass of weak rock or sediment moving as a block unit along a slope. These are the largest types of landslides found in Ohio.
2. Earthflow, or a mass of rock or sediment flowing downslope. These are the most common types of landslides in Ohio.
3. Rock fall, or a rapid downslope movement of large blocks of bedrock. Most rockfalls in Ohio involve sandstone or limestone that have been weakened by surface water.

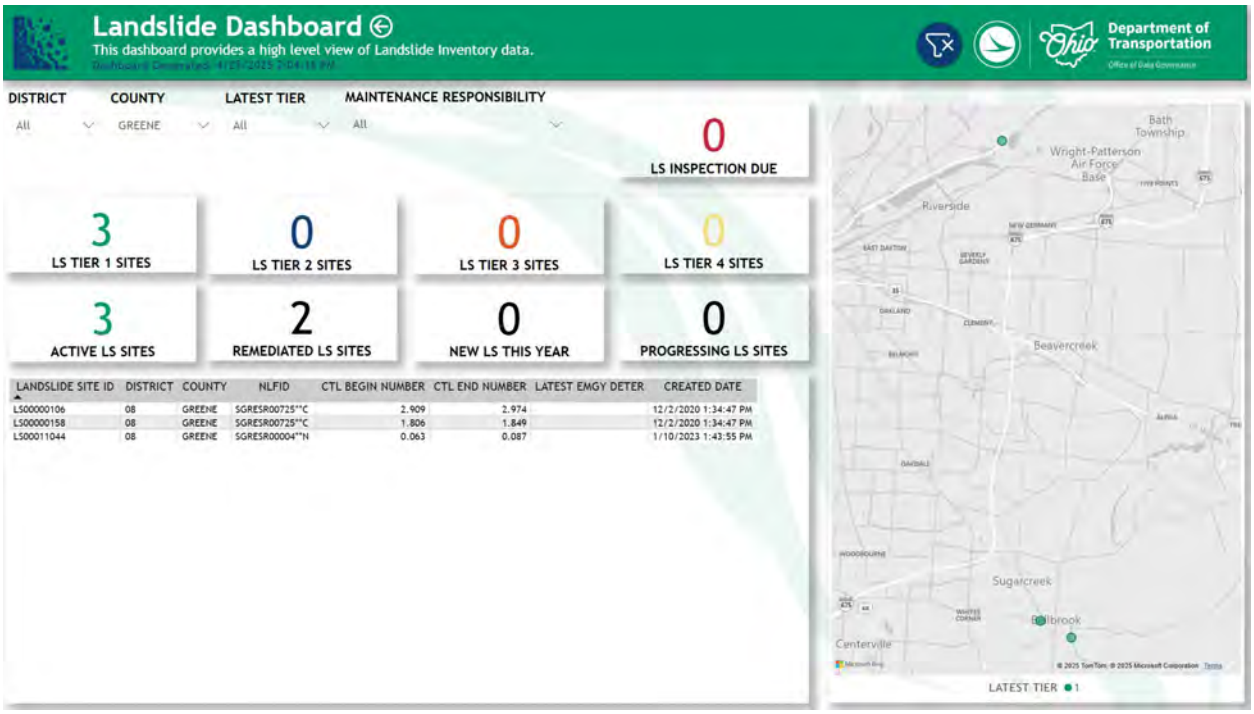
According to the Ohio Mine Subsidence Insurance Underwriting Association, mine subsidence is caused by the collapse of underground mines causing damage or movement to a property and/or structure located above. Mine Subsidence insurance is required in 26 counties and optional for 11 counties in Ohio. Insurance for mandatory counties carries an annual premium of $1.00 and the premium for optional counties is $5.00.

History

According to the Ohio Department of Transportation (ODOT) there have been three landslides in Greene County. Most of the landslides occur along major roadways, such as S.R. 4 and S.R. 725 (**Figure 4.6.4**). All three landslides are rated Tier 1 and two have been remediated. Tier 1 ratings do not require a detailed rating and have a low probability of additional movement and a low probability of significant impact to an ODOT asset or adjacent property. There have been no rock slopes in Greene County.

Since incidents of landslides and rockslides often go unreported, individual sites are an accurate way to discuss both past problem areas and future probability of events. The most common tier in the County is Tier 1, with three Tier 1 sites for landslides.

Figure 4.6.4: Landslide Dashboard for Greene County



Source: Ohio Department of Transportation Geohazards Dashboard

Probability

According to the ODNR, Greene County falls within an area of low risk for slope failure and landslides, and rock slopes should not be considered a likely event. The 1870 Ohio Mine Law required a mine be registered if it had more than ten employees and mined more than 200,000 tons of coal. This leaves an undocumented number of smaller mines that closed prior to 1870. There are a known 6,000 underground mines in Ohio. On February 08, 2022, the federal government granted the State of Ohio $46.4 million to reclaim abandoned coal mines. There haven't been any reports of UAMs in Greene County.

Vulnerability Risk Assessment

Infrastructure Impact

Landslides can block or damage roadways, and damage existing utility infrastructure. Mine subsidence can occur under existing roadways or utility infrastructure causing anything from minor damage to complete destruction.

Population Impact

Landslides and mine subsidence can cause injury or death if a person is struck by or trapped under falling earthen material. Mine subsidence can cause sinkholes under occupied structures which could lead to injuries.

For social vulnerability, mine subsidence is not listed in the National Risk Index, but landslide is listed with a score of 16.4 (relatively low). The index indicates an expected annual loss of $22,000 due to landslides with zero events occurring per year.

Property Damage

Properties caught in the path of a landslide can be destroyed or severely damaged. Properties, including their structures, can be destroyed by mine subsidence.

Table 4.6.5 below shows the 20 census tracts with the highest total EAL (expected annual loss) from landslides, ranked in order from highest to lowest total EAL. These EAL rates, calculated by FEMA, identify the total value of loss expected each year for a particular community, in this case the census tracts for Greene County. The subcategories in the chart below show expected losses for buildings, population ($11.6 million for each fatality or 10 injuries), and agriculture per census tract for landslides.

Table 4.6.5: Structure and Population Vulnerability from Landslides

Census Tract	Expected Annual Loss (Building)	Expected Annual Loss (Population Equivalence)	Expected Annual Loss (Agriculture)	Expected Annual Loss (Total)
39057210500	$568	$1,700	$0	$2,267
39057220102	$481	$1,669	$0	$2,150
39057220101	$483	$1,485	$0	$1,968
39057210603	$340	$1,378	$0	$1,718
39057200902	$278	$1,367	$0	$1,645
39057200103	$159	$1,229	$0	$1,388
39057220202	$207	$1,097	$0	$1,304
39057200901	$149	$1,085	$0	$1,234
39057260100	$352	$767	$0	$1,120
39057230100	$257	$853	$0	$1,110
39057210604	$154	$718	$0	$872
39057240100	$142	$710	$0	$852
39057200300	$155	$650	$0	$805
39057220201	$106	$567	$0	$673
39057210402	$117	$547	$0	$664
39057240600	$157	$493	$0	$650
39057255000	$87	$253	$0	$340
39057280200	$85	$217	$0	$302
39057210602	$25	$124	$0	$149
39057210605	$34	$90	$0	$125
Grand Total	**$4,336**	**$16,999**	**$0**	**$21,336**

Source: FEMA National Risk Index

Loss of Life

Loss of life is possible during sudden mine subsidence or landslides. However, there are no known fatalities in Greene County due to mine subsidence or landslides.

Economic Losses

Landslides and mine subsidence can block or destroy sections of roadways vital to shipping. Stores, storage facilities, and other structures that are important to economic activity can also be severely damaged or destroyed. It can also be quite expensive to repair sinkholes when they occur.

Future Trends

Land Use and Development Trends

Uses that serve vulnerable populations, such as schools and hospitals, should not be placed in areas that are in high-risk zones for landslides. Development should be limited to areas with minimal slope to reduce potential losses during landslides. Development should also consider low-impact techniques to reduce the likelihood of runoff from precipitation and therefore reduce the risk of landslides. If new residential construction units are within areas with steep slopes, it would increase property and population vulnerabilities in those areas.

The current total value of taxable real estate in Greene County is $4,704,063,560. In 2022 and 2023, Greene County authorized a total of 949 new residential units at a total value of $433,290,000. The population is expected to increase by 2.2 percent, or 3,640 people between 2020 and 2030. An additional increase of 259 people (less than one percent) is expected between 2030 and 2040. The increased population and the increase in residential units could lead to additional risks.

Using the United States Geological Survey Landslide Inventory and Susceptibility map as a resource for mapping, future land use changes can reduce the potential of property damage. The map depicts areas that have increasing susceptibility to landslides. For Greene County there are several long stretches of state highways, roads, and rivers that have increasing susceptibility to landslides, rock slopes, and mine subsidence.

Climate Change

According to the Midwest chapter of the Fifth National Climate Assessment, the likelihood of precipitation has increased by five to 15 percent, and the amount of rain falling during heavy precipitation events has increased by 45 percent on average between 1958 to 2021. Extreme precipitation could increase the likelihood of landslides in areas with steep slopes. Flooding caused by heavy precipitation could also increase the rate of runoff for acid mine drainage along rivers and streams. More frequent and intense rain events can also increase erosion rates and lead to greater amounts of sediment runoff into rivers, lakes, and streams (U.S. Environmental Protection Agency 2023).

4.7 Severe Summer Weather

Description

Severe summer weather events may include severe thunderstorms and thunderstorm winds, hail, and lightning. High winds, tornadoes, and flooding may also be related to severe summer storms, and due to the potential threat of these events, they are each discussed in separate risk assessments. While tropical storms and hurricanes are also forms of severe storms, Greene County does not have any record of such events affecting the County; therefore, the County has not deemed tropical storms and hurricanes to be a threat, and these specific types of weather will not be addressed further.

According to the National Weather Service (NWS), a severe thunderstorm is a thunderstorm that produces a tornado, has winds of at least 58 MPH, and/or hail at least one inch in diameter. A Severe Thunderstorm Watch is issued by the NWS if conditions are favorable for the development of severe thunderstorms. A watch is usually in place for four to eight hours, during which time people should be prepared to move to a safe place if threatening weather approaches.

A Severe Thunderstorm Warning is issued if either the WSR-88D radar indicates a severe thunderstorm or if a spotter reports a storm producing hail or winds meeting the criteria outlined in the description above. The WSR-88D radar is an advanced Weather Surveillance Doppler Radar utilized by the NWS to generate a radar image. The NWS recommends that people in the affected area seek safe shelter immediately, as severe thunderstorms have the potential to produce tornadoes with little-to-no advance warning. Lightning frequency is not a criterion for issuing a severe thunderstorm warning. The warnings are usually issued for one hour and can be issued without a Severe Thunderstorm Watch already in effect. The National Weather Service Forecast Office in Cleveland, Ohio is responsible for issuing Severe Thunderstorm Watches and Warnings for Greene County.

Lightning is caused by a rapid discharge of electrical energy that has built up in the atmosphere between clouds, the air, or the ground. Lightning strikes can be either direct or indirect. A direct strike is when lightning strikes a building or a specific zone, which can result in fusion points melting holes of varying sizes at the point of impact of materials with high resistivity. An indirect lightning strike is when lightning causes power surges that disrupt electrical equipment.

Severe summer weather can also create strong winds – often called “straight-line” winds – to differentiate thunderstorm winds from tornadic winds. Straight-line winds, which have the potential to cause damage, are caused by an outflow generated by a thunderstorm downdraft.

Hail is a type of frozen precipitation that occurs when thunderstorm updrafts carry raindrops upward into extremely cold atmospheric zones where they freeze before falling to the ground. The resulting hailstones can fall at speeds greater than 100 MPH and range in size from smaller than 0.50 inch (the size of a pea) to 4.5 inches (the size of a softball) (Source: National Weather Service).

The NWS can issue various types of wind advisories and warnings. A **wind advisory** is issued when sustained winds of 31 to 39 MPH are reached for an hour or more and/or if there are wind gusts of 46 to 57 MPH for any duration. A **High Wind Watch** indicates that sustained, strong winds are possible, and outdoor items should be secured. People should modify plans so they are not caught outside. Additionally, a **High Wind Warning** indicates that sustained, strong winds (40 MPH or greater) with even stronger gusts (greater than 58 MPH) are happening. People should seek shelter, and those driving should keep both hands on the wheel and slow down. An **extreme wind warning** is issued for surface winds of 115 MPH or greater associated with non-convective, downslope, derecho (not associated with a tornado), or sustained hurricane winds that are expected to occur within one hour.

Location

Severe summer weather is a countywide hazard, and all of Greene County is susceptible to severe summer weather events.

Extent

Severe summer weather events have the potential to create large-scale damage in Greene County. Specifically, lightning is responsible for approximately 20 deaths annually across the United States, as well as hundreds of injuries (Source: NOAA). Winds associated with severe summer storms have the potential to cause damage by bringing down tree limbs and generating widespread power outages. Additionally, hail can result in property damage. Severe summer storms can lead to flooding, downed trees and power lines, and other dangerous conditions.

History

According to the National Centers for Environmental Information (NCEI), there have been 251 high-, strong-, or thunderstorm-wind events, seven heavy rain events, three heat events, and 125 hail events recorded in Greene County from January 1995 to December 2023. These events resulted in $19,232,857 in property damage and $0 in crop damage. There was one death and no additional injuries caused by severe summer weather events in Greene County during this timeframe. The single death was caused by strong wind on August 4, 2004, when an estimated 45 mph gust caused the roof and wall of an autobody shop at a car dealership in Fairborn to collapse, killing a 38-year-old man. All severe storm events from 1995 to 2023 are summarized in Table 4.7.1, below:

Table 4.7.1: Thunderstorm-Related Events in Greene County since 1995

Severe Storm Event Type	Number of Events	Injuries	Deaths	Property Damage	Crop Damages
Hail	125	0	0	$101,000	$0
Heat	3	0	0	$0	$0
Heavy Rain	7	0	0	$0	$0
High Wind	17	0	0	$17,934,000	$0
Strong Wind	1	0	1	$60,000	$0
Thunderstorm Wind	233	0	0	$1,128,857	$0
Total:	**386**	**0**	**1**	**$19,223,857**	**$0**

Source: NOAA Storm Events Database

There were no disaster declarations for severe storms in Greene County since the previous hazard mitigation plan in 2020. However, the County has been subject to five Major Disaster Declarations (DR) and three emergency declarations (EM) for severe storms, flooding, hurricane (Hurricane Katrina Evacuation), and a Tropical Depression (remnants of Hurricane Ike) since January 1995. Several of the most damaging events and/or events that resulted in deaths and/or injuries are described in more detail below.

A Major Disaster Declaration for Severe Storms, Straight-line Winds, Tornadoes, Flooding, Landslides, and Mudslides, May 27, 2019:

Severe thunderstorms that produced hail up to 1.75 inches in diameter impacted areas including Byron, Cedarville, New Germany, Yellow Springs, and Zimmerman in May of 2019. These storms were part of a larger tornadic outbreak that began as far west as West Texas on May 17. As a warm front moved east into Ohio, thunderstorms developed as the evening progressed, with hail reportedly falling after 10 p.m. There were no reports of property, crop damage, injuries or deaths in Greene County.

Thunderstorm Wind Event, May 26, 2015:

Moist air and an unstable upper-level disturbance moved east through the Ohio Valley on May 26, 2015. By afternoon, scattered thunderstorms had developed with the potential for tornadoes and damaging winds. Thunderstorm winds caused minor roof damage to a few homes and downed several trees along Grange Hall Road in Zimmerman, and straight-line winds were blamed for damages near Shakertown Road. Property damages of $50,000 were reported; however, there were no reported crop damages, injuries or deaths in Greene County.

Emergency Declaration for Severe Storms, June 29, 2012:

A northwesterly flow in the upper atmosphere combined with an overly hot and unstable air mass and triggered powerful derecho storm system that quickly moved east-southeast through the Ohio Valley in June 2012, causing extensive damage. Nearly all counties in southwestern Ohio experienced straight-line winds that caused widespread power outages that in some areas lasted several days. The communities of Fairborn, Xenia and Zimmerman suffered downed trees and branches causing $3,000 in property damage, with no reports of crop damage. Additionally, no injuries or deaths were reported in Greene County.

Major Disaster Declaration for Severe Storm Associated with Tropical Depression Ike, September 14, 2008:

The remnants of Hurricane Ike swept across the Midwest on September 14, 2008, causing widespread damage across Ohio. Sustained strong winds of 40 to 50 MPH were experienced across Greene County, with the highest observed wind gust of 63 MPH in Beavercreek. Most residents lost power, which was not fully restored for days to weeks depending on location. The storm downed hundreds, if not thousands, of trees and many utility poles, leading to the closure of numerous of roads and streets. Damage to homes and buildings was significant, with hundreds losing roofing or siding and many others damaged by fallen trees. Reported property damage from this storm totaled $17,900,000. Although crop losses occurred in other areas of Ohio, there were no reports of crop damage in Greene County. In addition, no injuries or deaths were reported in Greene County because of this event.

Strong Wind Event, August 4, 2004:

Tropical air moving northward collided with a high-pressure system resulting in severe thunderstorms across the Midwest in early August, 2004. The front of strong thunderstorms reached western Ohio on August 4, resulting in the death of a 38-year-old man in Fairborn when an estimated 45 mph gust caused the roof and wall of an autobody shop at a car dealership to collapse. No additional deaths or injuries were reported in Greene County. The storm resulted in $60,000 of property damage, with no reports of crop damage.

Thunderstorm Wind Event, July 24, 2000:

On July 24, 2000, thunderstorms across the region resulted in strong thunderstorm winds that toppled numerous trees. Some downed trees damaged homes and one home in Fairborn suffered major damage from a tree fall. Total property damage resulting in $50,000 was reported. No deaths or injuries were reported in Greene County related to this event.

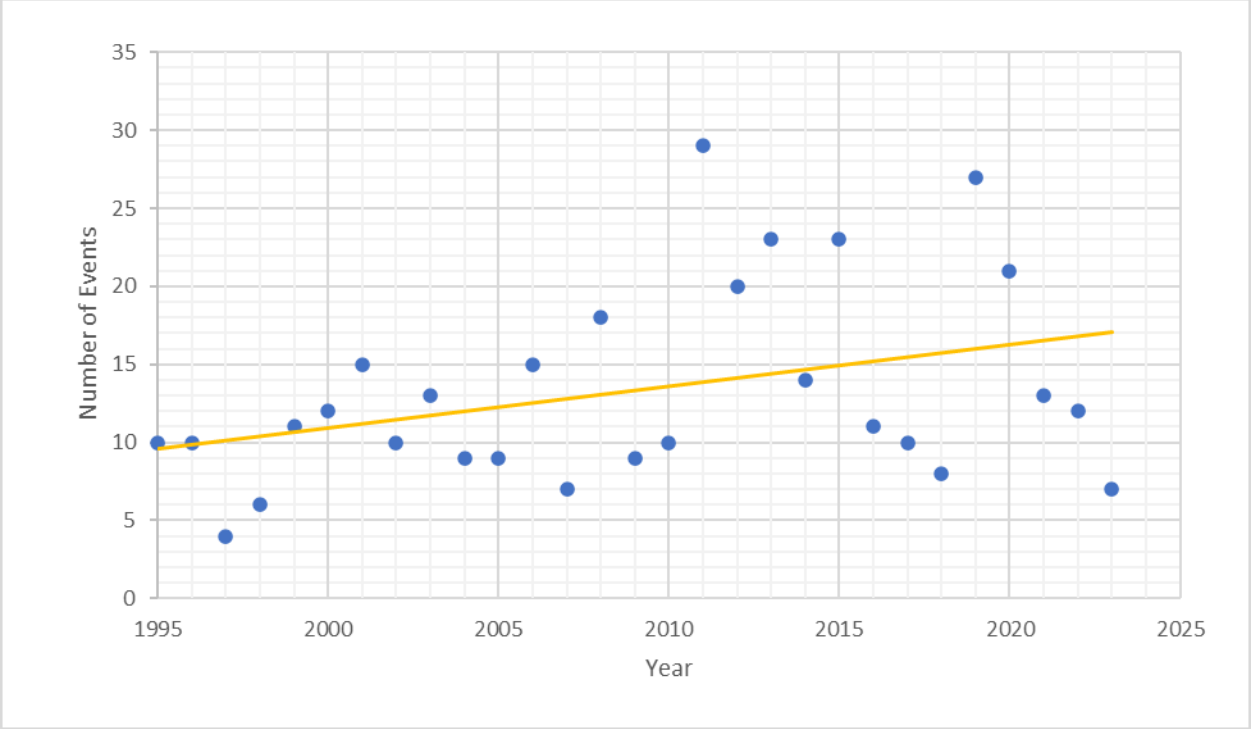
Thunderstorm Wind Event, June 14, 1996:

Severe thunderstorms swept through the area in mid-June, 1996, bringing high winds that damaged the roof of the Beavercreek High School. Hail of .75-inch diameter was recorded at the Wright-Patterson Air Force Base. The total reported property damage from this event was $160,000. There were no reports of injuries, deaths or crop damage in relation to this event in Greene County.

Probability

According to the NCEI, there have been 220 severe summer storms that resulted in 386 storm events reported in Greene County from January 1995 to December 2023. This amounts to approximately eight severe storms causing an average of 13 severe summer storm events annually. Total property losses for these storm events reached $19,232,857 over the 29-year period, with an average of $663,202 annually in property damage and an average of $51,000 in property damage per event. Figure 4.7.2 below shows the trend in number of severe summer storm events per year since 1995. The year 2011 had 29 severe summer weather events, the highest of the last 29 years. Preliminary research suggests that the frequency and intensity of severe thunderstorms could increase, also increasing the number of storm events per storm as the climate changes, according to the National Climate Assessment. The Climate Change section in Future Trends discusses climate change further.

Figure 4.7.2: Severe Summer Storm Event Probability



Source: NOAA

Vulnerability Assessment

Infrastructure Impact

Above-ground infrastructure is at risk for storm damage by wind and falling debris. For infrastructure, high winds and hail are the most damaging part of a severe storm. Thunderstorm winds can strip bark from trees and detach limbs. If large branches fall, they can damage buildings and above-ground infrastructure. In the most severe storms with high winds, large trees can be uprooted and have the potential to fall on buildings including houses, which can cause property damage, as well as injury or death.

Utilities are at risk of damage by severe summer storms as well. Electrical lines are spread throughout the County connecting homes, businesses, and other facilities. Severe storms are likely to down tree limbs and generate other debris that can affect above-ground electrical lines causing power outages. Downed power lines that are still live are extremely hazardous and can cause death by electrocution.

Population Impact

Summer storms are random in nature and affect the entire area of the County. Everyone in the County should be prepared during a storm event. Populations residing in mobile home parks are particularly vulnerable and should seek shelter when advised.

According to the National Risk Index, social vulnerability for Greene County was considered "very low" and community resilience was "very high"; however, risk changes based on the storm event. For summer storms, community risk for hail, lightning, and strong wind events in Greene County was scored at 25.6 ("very low") for hail, 86.0 ("relatively moderate") for lightning, and 83.6 ("relatively moderate") for strong winds, when compared to the rest of the United States. This information indicates that severe summer storms are exposing the population of Greene County to a low to moderate level of risk from storm events. The index indicates an expected annual loss of $37,620 due to hail events, $525,216 due to lightning events, and $1,302,627 due to strong wind events, with 3.7, 73.3, and 2.4 events occurring per year, respectively, based on all events recorded in the NRI. Greene County's full list of census tracts can be found in Appendix E.

Property Damage

As described above, severe summer weather events, including hail, heavy rain, and high winds have caused an average of $663,202 in property damage annually since 1995. While these events have likely caused damage to crops, those damages are likely to be reported under tornados or flooding. Due to the non-site-specific nature of this hazard, **Tables 4.7.3 - 4.7.5** list all structures within Greene County as having potential impacts from severe storms.

Loss of Life

There has been one death in Greene County since 1995. There is always potential for injuries and fatalities during severe summer weather.

Economic Losses

Severe summer weather has the potential to damage infrastructure, resulting in the economic burden of clean up and repairs. Potential economic losses and damage associated with Greene County for hail, strong wind events, and lightning are recorded in **Tables 4.7.3 to 4.7.5** below. This table summarizes the population from 2020, building value, expected annual loss (EAL) for buildings, and expected annual loss (EALP) for population equivalence in Greene County. The top 20 most vulnerable census tracts according to FEMA's National Risk Index are used for the calculations. EAL for buildings and population combine the totals from hail, strong wind events, and lightning. Compared with other hazards, severe summer weather has a very low index rating, meaning that economic loss due to severe summer weather is very low for Greene County.

Table 4.7.3: Structure and Population Vulnerability from Hail

Census Tract	Expected Annual Loss (Building)	Expected Annual Loss (Population Equivalence)	Expected Annual Loss (Agriculture)	Expected Annual Loss (Total)
39057260100	$671	$309	$3,405	$4,384
39057280102	$353	$106	$2,423	$2,881
39057270100	$385	$172	$1,142	$1,699
39057210603	$876	$376	$333	$1,585
39057230100	$352	$114	$1,029	$1,495
39057240600	$523	$246	$624	$1,394

Census Tract	Expected Annual Loss (Building)	Expected Annual Loss (Population Equivalence)	Expected Annual Loss (Agriculture)	Expected Annual Loss (Total)
39057210500	$794	$299	$122	$1,215
39057220102	$573	$221	$401	$1,195
39057280101	$281	$121	$782	$1,184
39057280200	$223	$64	$886	$1,173
39057240700	$349	$123	$489	$962
39057200104	$605	$240	$62	$907
39057210602	$627	$246	$0	$873
39057210604	$564	$264	$19	$847
39057240500	$477	$213	$140	$829
39057200902	$342	$168	$316	$826
39057220101	$524	$194	$94	$812
39057210101	$616	$179	$0	$795
39057240302	$397	$187	$196	$781
39057210401	$510	$248	$0	$758
Grand Total	**$10,042**	**$4,090**	**$12,463**	**$26,595**

Source: FEMA National Risk Index

Table 4.7.4: Structure and Population Vulnerability from Lightning

Census Tract	Expected Annual Loss (Building)	Expected Annual Loss (Population Equivalence)	Expected Annual Loss (Agriculture)	Expected Annual Loss (Total)
39057210603	$1,342	$22,657	$0	$23,999
39057260100	$1,120	$20,349	$0	$21,468
39057210500	$1,260	$18,695	$0	$19,955
39057210604	$937	$17,139	$0	$18,076
39057200104	$1,036	$16,411	$0	$17,447
39057200500	$481	$15,831	$0	$16,312
39057210602	$980	$15,084	$0	$16,064
39057240600	$820	$15,214	$0	$16,034
39057210402	$728	$15,276	$0	$16,004
39057210401	$794	$15,085	$0	$15,880
39057200700	$324	$14,073	$0	$14,397
39057210201	$602	$13,585	$0	$14,187

Census Tract	Expected Annual Loss (Building)	Expected Annual Loss (Population Equivalence)	Expected Annual Loss (Agriculture)	Expected Annual Loss (Total)
39057220102	$876	$13,192	$0	$14,068
39057200901	$643	$12,914	$0	$13,557
39057240500	$723	$12,642	$0	$13,365
39057240200	$485	$12,740	$0	$13,225
39057220201	$740	$12,290	$0	$13,030
39057210101	$1,043	$11,981	$0	$13,023
39057200600	$489	$11,950	$0	$12,440
39057200300	$489	$11,932	$0	$12,420
Grand Total	**$15,912**	**$299,040**	**$0**	**$314,951**

Source: FEMA National Risk Index

Table 4.7.5: Structure and Population Vulnerability from Strong Winds

Census Tract	Expected Annual Loss (Building)	Expected Annual Loss (Population Equivalence)	Expected Annual Loss (Agriculture)	Expected Annual Loss (Total)
39057210603	$53,705	$13,700	$107	$67,512
39057210500	$48,694	$10,880	$39	$59,613
39057260100	$38,086	$10,391	$1,009	$49,486
39057210602	$38,439	$8,967	$0	$47,406
39057200104	$37,122	$8,729	$20	$45,870
39057210101	$37,788	$6,517	$0	$44,305
39057210604	$34,599	$9,600	$6	$44,205
39057240600	$32,059	$8,954	$199	$41,211
39057220102	$33,206	$7,623	$118	$40,947
39057210401	$31,264	$9,036	$0	$40,301
39057220101	$31,613	$6,951	$30	$38,594
39057210402	$28,564	$9,095	$0	$37,659
39057240500	$29,253	$7,743	$45	$37,041
39057220201	$27,764	$6,986	$0	$34,750
39057210300	$25,794	$6,406	$5	$32,206
39057240302	$24,324	$6,819	$63	$31,206
39057200901	$23,737	$7,179	$22	$30,938
39057210201	$22,919	$7,836	$0	$30,755
39057280300	$27,519	$2,742	$5	$30,267

Census Tract	Expected Annual Loss (Building)	Expected Annual Loss (Population Equivalence)	Expected Annual Loss (Agriculture)	Expected Annual Loss (Total)
39057255000	$22,179	$6,166	$9	$28,355
Grand Total	**$648,628**	**$162,320**	**$1,677**	**$812,627**

Source: FEMA National Risk Index

Future Trends

Land Use and Development Trends

Severe summer storms can occur anywhere, bringing an entire community or region to a standstill, including commuter and emergency transportation and medical services. Any development that has occurred since the adoption of the previous plan, and any future development, has the potential to be impacted by severe summer storms. All land uses are equally impacted by severe summer weather.

The current total value of taxable real estate in Greene County is $4,704,063,560. In 2022 and 2023, Greene County authorized a total of 949 new residential units at a total value of $433,290,000. The population is expected to increase by 2.2 percent, or 3,640 people between 2020 and 2030. An additional increase of 259 people (less than one percent) is expected between 2030 and 2040. The increased population and the increase in residential units could lead to additional risks.

Building design and construction are also impacted by the intensity of summer storms. Areas prone to severe storms should have buildings designed to withstand high winds, heavy rainfall, and potential flooding to avoid structural damage. On the other hand, proper ventilation and cooling systems are essential to manage the heat and humidity that often accompany summer storms.

It is important to maintain consistency between emergency planning, financial plans and budgets, and development planning. Zoning codes should ensure that there is adequate greenspace in existing and new developments to foster drainage and provide space for water runoff. Locating emergency facilities, and partnering with emergency organizations during the planning process, will help develop improved contingency responses in cases where emergency transportation and services are cut off during an extreme weather event.

Climate Change

Preliminary research suggests that the frequency and intensity of severe thunderstorms could increase as the climate changes, according to the National Climate Assessment. A warming climate may also increase the number of days with conditions conducive to a severe thunderstorm. Future modeling techniques could reveal additional information about the correlation between atmospheric changes and severe thunderstorm formation and intensity.

4.8 Severe Winter Weather

Description

Severe winter weather includes winter storms, heavy snow, and extreme cold. Winter storms including blizzards are events that have heavy snow, sleet, ice, freezing rain, or high winds as their primary type of precipitation. While the precipitation itself is typically not dangerous, frozen roads and exposure to cold can cause death and injury.

A winter storm forms under the correct combination of three conditions:

1. Below freezing temperatures in the clouds and near the ground, which are necessary to make snow and ice.
2. Lift, which raises the moist air from the clouds and causes precipitation. Warm air colliding with cold air and being forced to rise over the cold is an example of lift.
3. Moisture is needed to form clouds and precipitation. Air blowing across a body of water is a common source of moisture.

Winter storms are categorized by their type: blizzards, ice storms, lake effect storms, and snow squalls. Extreme cold events often accompany winter storms, bringing low temperatures and higher risks of frostbite and hypothermia.

- **Blizzards** are winter storms that are a combination of blowing snow and wind which lead to very low visibility. Heavy snowfalls and severe cold often accompany blizzards, but this is not required. Ground blizzards occur when strong winds pick up snow that has already fallen.
- **Ice Storms** occur when at least a quarter inch of ice accumulates on exposed surfaces. Roads and sidewalks can become dangerously slick, and trees and powerlines can easily break under the weight of accumulated ice.
- **Lake Effect Storms** are cold, dry air masses that move over the Great Lakes regions and drop the moisture as snow in the northeastern portion of Ohio near the Great Lakes area.
- **Snow Squalls** are brief, intense snow showers accompanied by strong winds. Impacts may be significant.
- **Extreme Cold Events** occur when temperatures drop below normal for the given area, and they generally coincide with winter storms or are the lasting effect of a winter storm.

Location

Winter storms are typically large events that impact large areas at once. Winter storms will impact the entire County and have the potential to impact multiple counties.

Extent

The State of Ohio Hazard Mitigation Plan 2024 lists winter storms as one of the three highest threat hazards in Ohio. The average annual snowfall in Greene County is 12-24 inches according to NOAA, which is lower than the state average of about 27 inches. Snowfall typically occurs between November and April with January being the coldest month on average.

History

There have been at least 125 winter storm events, including cold/wind chill, extreme cold/wind chill, heavy snow, ice storm, winter storm, and winter weather in Greene County since January 1995. These events caused $546,000 in property damage and $540,000 in crop damage according to the National Centers for Environmental Information (NCEI). An extreme cold/wind chill event on December 21,

2008, caused the death of one person in Greene County due to prolonged exposure. All severe winter weather and extreme cold events from 1995 to 2023 are summarized in **Table 4.8.1,** below:

Table 4.8.1: Severe Winter Related Events in Greene County since 1995

Severe Storm Event Type	Number of Events	Deaths	Injuries	Property Damage	Crop Damage
Cold/Wind Chill	1	0	0	$20,000	$0
Extreme Cold/Wind Chill	3	1	0	$0	$540,000
Frost/Freeze	1	0	0	$0	$0
Heavy Snow	11	0	0	$1,000	$0
Ice Storm	5	0	0	$0	$0
Winter Storm	25	0	0	$525,000	$0
Winter Weather	79	0	0	$0	$0
Grand Total	**124**	**1**	**0**	**$546,000**	**$540,000**

Source: NOAA Storm Events Database

Greene County has not had a federal disaster declaration for winter storms since the previous hazard mitigation plan in 2020. However, the County has been subject to four Emergency Declarations for snowstorms, and one Disaster Declaration for a severe winter storm/record/near record snow since 1968. Several of the most damaging events and/or events that resulted in deaths and/or injuries are described in more detail below. These events are not necessarily the most recent, and all events are listed individually in **Appendix A**.

Extreme Cold/Windchill Event, December 21, 2008:

Severe cold weather was responsible for the death of a Greene County woman found outside of her home on Sunday, December 21st. No property damage or crop damage amounts were reported.

Emergency Declaration for Record Snow and Near Record Snow, March 7, 2008 – March 9, 2008:

A low-pressure system along the Gulf Coast blanketed northeast and north-central Ohio with 5 to 20 inches of snow, with Greene County receiving 15.4 inches over two days. Wind gusts of 20-30 MPH led to intermittent blizzard conditions and snow drifts of 3 feet or more causing numerous accidents. No property damage or crop damage amounts were reported. No injuries or deaths were reported in Greene County. An emergency declaration (EM-3286-OH) was issued on April 24, 2008, offering public assistance to 20 counties in Ohio, including Greene County.

Frost/Freeze Event, April 6, 2007:

Temperatures rose in the Ohio Valley in mid-March, allowing for the agricultural season to start early. In April, temperatures dropped into the 20s, threatening crops throughout Ohio. Overall, crop damage was estimated at 16.74 million for 31 counties in Ohio. There was $540,000 in crop damage was reported. No deaths or injuries were reported.

Emergency Declaration for Snow, December 22, 2004 – December 24, 2004:

A unique and unusual combination of an Arctic cold front, warm and humid air mass, and a low-pressure center from the southern Great Plains collided in the Ohio River Valley resulting in a historic snow and ice storm that hit Illinois, Indiana, Kentucky, and Ohio. Snowfall rates in some areas were up to two inches per hour accumulating over 30 hours to over 2 feet of snow, setting new records across Illinois, Indiana, and western Ohio. The heavy snow caused damage and collapsed the roofs of homes and businesses across the region. Additionally, a secondary ice storm along the snowstorm's

southern edge in Kentucky and Ohio. Together the snow, ice, and blizzard conditions from wind gusts of up to 30 MPH paralyzed highway, airline, and train traffic, stranding thousands of people. Record low temperatures made recovery and clean-up efforts more difficult. The resulting property damage and clean-up costs were historic and over $100 million for the state of Ohio, second only to the Blizzard of 1978. Although there were many injuries and 17 deaths reported, there were no reports of injury to death in Greene County. An emergency declaration (EM-3198-OH) was issued on January 11, 2005, offering public assistance to 26 counties in Ohio, including Greene County.

Major Disaster Declaration for Severe Winter Storm and Record/Near Record Snow, February 14, 2003 – March 3, 2003:

Abundant moisture from a warm front and low-pressure mixed with surface cold air resulting in 6-8 inches of snowfall across Ohio, with the highest accumulation along I-70. Greene and several other counties received record or near record snowfall. Counties in southern Ohio also saw some ice accumulation. On March 14, 2003, a major disaster declaration (DR-1453-OH) was issued for blank counties, including Greene County. Greene County was eligible for public assistance. No deaths or injuries were reported.

Winter Storm Event, January 6-8, 1996:

The 1996 blizzard developed from a low-pressure system in the Gulf of Mexico and moved north up the East Coast dropping snow, sleet, and freezing rain over the region causing auto, air, and train traffic delays and power outages. The worst effects in Ohio were along the Ohio River and the I-70 corridor as wind gusts whipped up the dry, powdery snow into whiteout conditions. The weight of snow from this event, mixed with another snowstorm earlier in the week, caused the collapse and partial collapse of roofs of homes and businesses. The event caused a reported $500,000 in property damage in Greene County. No reports of injuries or deaths were reported in Greene County from this event.

Emergency Declaration for Blizzards & Snowstorms, January 26, 1978:

On January 26, 1978, an emergency declaration (EM-3055-OH) was issued for every county in Ohio due to Blizzards and snowstorms. Every county in Ohio was able to receive public assistance.

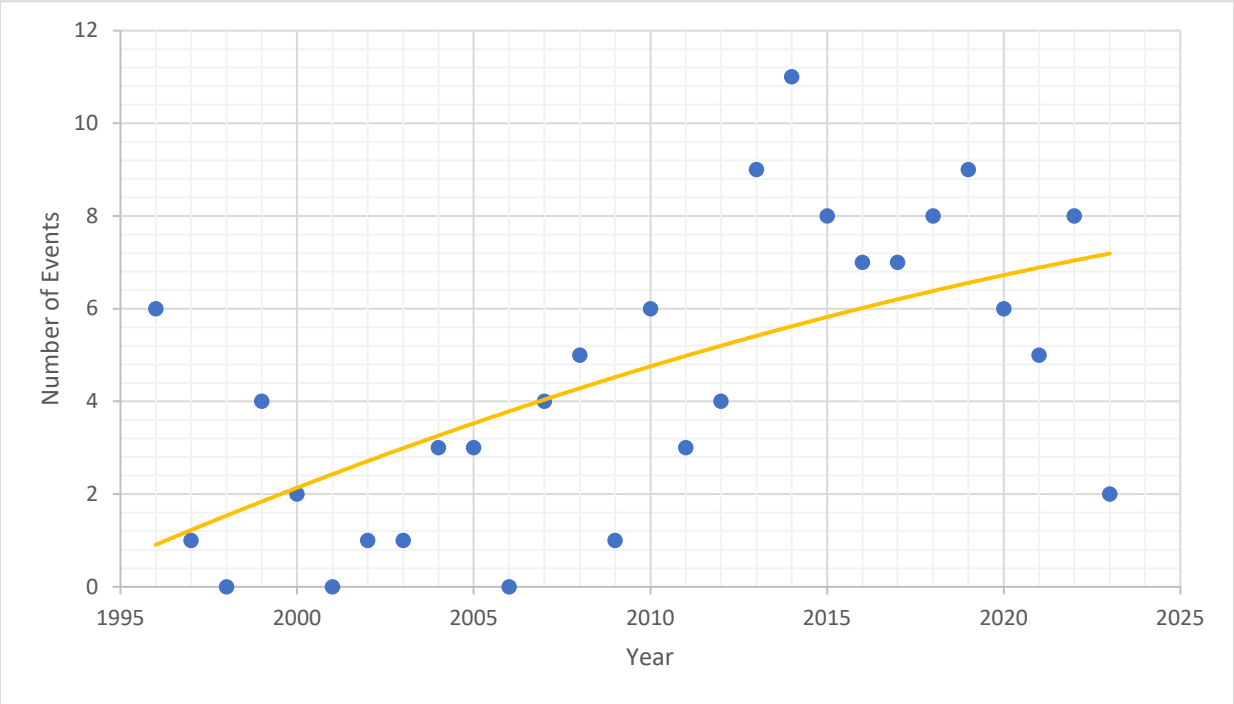
Emergency Declaration for Snowstorms, February 2, 1977:

On February 2, 1977, an emergency declaration (EM-3029-OH) was issued for 47 counties in Ohio, including Greene County due to snowstorms. Each of the 47 counties was able to receive public assistance.

Probability

According to the NCEI, there have been a total of 124 severe winter storm events reported in Greene County from January of 1995 to December 2023, with total losses amounting to $546,000 in property damage. Averaged over those 29 years, there were approximately 4.3 winter storm events annually with average annual damages of $18,828. **Figure 4.8.2** shows the trend of severe winter weather events over time between January 1995 and December 2023. The trend line increases over the 29 years and begins to slowly level off from 2020. According to the Fifth National Climate Assessment, due to the warming climate, extreme winter weather will be less severe and less frequent in Ohio, and heavy snowfall will manifest as heavy rainfall in future years. The Climate Change section in Future Trends discusses climate change further.

Figure 4.8.2: Severe Winter Weather Probability



Source: NOAA

Vulnerability Assessment

Infrastructure Impact

Winter storms can cause damage to overhead utilities. Wires can collapse under the weight of accumulated snow and ice leading to disruption in communication and power supply for days. Debris can block roadways or damage property as tree limbs can also collapse under the weight of accumulated snow and ice. Water pipes can freeze under extremely low temperatures that may accompany severe winter storms. Roads and sidewalks can be blocked by the accumulation of snow, as well as being iced over. Bridges and overpasses are particularly dangerous because they freeze before other surfaces. Heavy snow fall and accumulation can cause business and private homes to have partial or full roof collapses. The State of Ohio Hazard Mitigation Plan 2024 estimates the annual probability of 5.1 severe winter storms annually.

Population Impact

All residents of Greene County are expected to be affected by severe winter storms. Infants, older adults, sick people, and pets are more vulnerable to injuries and health conditions related to exposure to heavy snow, ice, and lasting extreme cold temperatures. It is advisable to equip vulnerable populations with indoor easy-to-read thermometers and heating devices in locations where they are highly visible.

For social vulnerability, according to FEMA's National Risk Index, Greene County was scored a 16.23 ("very low") to the adverse impacts of all natural hazards, compared to the rest of the U.S. In addition, the index calculates a 55.7/100 ("relatively low") risk score of a cold wave event with an expected annual loss of $75,000, a score of 97.6/100 ("very high") risk of ice storms with an expected annual loss of $2,000,000, and a 81.3/100 ("relatively moderate") risk of winter weather events with an annual loss of $186,000 expected for Greene County.

Property Damage

Property can be damaged by accumulated snow and ice, debris, and falling trees and utility poles. Extreme low temperatures can also freeze the water in pipes which could cause them to explode. All buildings in the County are exposed and vulnerable to winter storms. The State of Ohio Hazard Mitigation Plan 2024 estimates annual potential losses due to damage caused by winter storms in Greene County to be $569,857.

Property owners should weatherproof their homes and buildings and conduct regular inspections to eliminate impacts from extreme weather conditions. The Federal Emergency Management Agency (FEMA) suggests that individuals with damaged property should contact their insurance company and take photos of any damage. If individuals are uninsured or underinsured, they should seek assistance by visiting www.DisasterAssistance.gov.

Loss of Life

There was one reported death during the extreme cold/wind chill event December 21, 2008, due to prolonged exposure in Greene County. Most common causes of death from winter events are vehicular accidents from iced-over and dangerous roads, frostbite or hypothermia from prolonged exposure to cold, heart attacks from heavy snow shoveling, and carbon monoxide poisoning due to toxic fumes from heating sources.

A few ways to prepare and protect from extreme winter weather conditions include, but are not limited to, staying indoors during dangerous cold events, dressing warmly when outside, staying off icy and dangerous roads, equipping vehicles with an emergency supply kit, preparing for power outages and using heating devices intended for indoor use only, staying updated about emergency information and alerts, seeking medical assistance on signs of hypothermia or frostbite, and checking on neighbors.

Economic Losses

Economic losses can occur from businesses shutting down for potentially long periods of time, structural damage, and death and injury. Economic activity can be completely halted during winter storms including transportation of goods and people. Electricity outages may lead to spoiled goods. Since winter storms occur during the winter season, damage to crops is unlikely but possible. Damaged buildings and pipes, fallen trees and power lines, and costs to repair damages and remove snow further impact the economy of cities and towns. Additionally, deaths and injuries can lead to economic losses for a community. Table 4.8.3-4.8.5 shows the total value of economic impacts expected in Greene County from winter hazard events.

The table below shows the 20 census tracts with the highest total EAL (expected annual loss) from severe winter events. EAL rates, calculated by FEMA, identify the total value of loss expected each year for a particular community, in this case the census tracts for Greene County. Expected losses for buildings, population ($11.6 million for each fatality or 10 injuries), and agriculture per census tract for cold wave, ice storm, and winter weather events.

Table 4.8.3: Structure and Population Vulnerability from Cold Wave

Census Tract	Expected Annual Loss (Building)	Expected Annual Loss (Population Equivalence)	Expected Annual Loss (Agriculture)	Expected Annual Loss (Total)
39057260100	$105	$1,553	$9,011	$10,669
39057280102	$55	$532	$6,435	$7,022
39057270100	$60	$863	$3,028	$3,951
39057230100	$55	$572	$2,716	$3,343

Census Tract	Expected Annual Loss (Building)	Expected Annual Loss (Population Equivalence)	Expected Annual Loss (Agriculture)	Expected Annual Loss (Total)
39057240600	$80	$1,199	$1,606	$2,884
39057210603	$133	$1,832	$854	$2,818
39057280101	$44	$610	$2,070	$2,724
39057280200	$34	$316	$2,295	$2,645
39057220102	$88	$1,090	$1,055	$2,234
39057240700	$53	$602	$1,260	$1,915
39057210500	$121	$1,455	$314	$1,889
39057200902	$52	$817	$812	$1,681
39057240302	$60	$913	$504	$1,477
39057240500	$72	$1,035	$358	$1,466
39057200104	$92	$1,167	$159	$1,418
39057210604	$86	$1,283	$49	$1,418
39057210602	$95	$1,199	$0	$1,294
39057210402	$71	$1,216	$1	$1,287
39057210401	$77	$1,208	$0	$1,286
39057220101	$80	$949	$242	$1,270
Grand Total	**$1,514**	**$20,409**	**$32,769**	**$54,692**

Source: FEMA National Risk Index

Table 4.8.4: Structure and Population Vulnerability from Ice Storm

Census Tract	Expected Annual Loss (Building)	Expected Annual Loss (Population Equivalence)	Expected Annual Loss (Agriculture)	Expected Annual Loss (Total)
39145003600	$99,468	$4,780	$0	$104,248
39145003800	$90,186	$3,796	$0	$93,983
39145002400	$71,193	$3,129	$0	$74,322
39145002800	$68,970	$3,543	$0	$72,513
39145003100	$69,987	$2,274	$0	$72,261
39145002100	$68,754	$3,046	$0	$71,799
39145002200	$67,093	$2,881	$0	$69,974
39145002300	$64,081	$3,350	$0	$67,431
39145003700	$60,013	$2,486	$0	$62,499
39145002902	$59,355	$3,123	$0	$62,479

Census Tract	Expected Annual Loss (Building)	Expected Annual Loss (Population Equivalence)	Expected Annual Loss (Agriculture)	Expected Annual Loss (Total)
39145002600	$57,905	$3,153	$0	$61,058
39145004000	$57,891	$2,750	$0	$60,641
39145002700	$54,180	$2,702	$0	$56,882
39145003400	$52,904	$3,173	$0	$56,077
39145003000	$50,969	$957	$0	$51,926
39145003300	$47,774	$2,235	$0	$50,009
39145003500	$45,104	$2,382	$0	$47,487
39145002500	$43,963	$2,505	$0	$46,468
39145003900	$42,448	$2,734	$0	$45,182
39145002901	$42,420	$1,420	$0	$43,840
Grand Total	**$1,214,658**	**$56,419**	**$0**	**$1,271,077**

Source: FEMA National Risk Index

Table 4.8.5: Structure and Population Vulnerability from Winter Weather

Census Tract	Expected Annual Loss (Building)	Expected Annual Loss (Population Equivalence)	Expected Annual Loss (Agriculture)	Expected Annual Loss (Total)
39057210603	$2,760	$6,222	$9	$8,990
39057210500	$2,181	$5,275	$94	$7,550
39057210602	$2,502	$4,941	$3	$7,446
39057260100	$1,778	$4,360	$1	$6,138
39057210101	$1,975	$4,072	$0	$6,048
39057200104	$1,908	$3,964	$2	$5,873
39057220102	$1,650	$4,072	$17	$5,740
39057210604	$1,607	$4,104	$0	$5,710
39057220101	$1,468	$4,131	$0	$5,598
39057240600	$1,837	$3,703	$11	$5,551
39057210401	$1,577	$3,513	$0	$5,091
39057220201	$1,503	$3,516	$4	$5,023
39057240500	$1,942	$2,960	$0	$4,902
39057210402	$1,659	$3,223	$3	$4,884
39057280300	$1,178	$3,559	$0	$4,737
39057210300	$864	$3,809	$0	$4,673
39057240302	$1,029	$3,623	$0	$4,653

Census Tract	Expected Annual Loss (Building)	Expected Annual Loss (Population Equivalence)	Expected Annual Loss (Agriculture)	Expected Annual Loss (Total)
39057200901	$1,220	$3,260	$2	$4,482
39057210201	$1,251	$3,100	$5	$4,357
39057280102	$1,325	$2,909	$0	$4,235
Grand Total	**$33,214**	**$78,317**	**$150**	**$111,681**

Source: FEMA National Risk Index

Future Trend

Land Use and Development Trends

Winter storms can occur anywhere bringing an entire community or region to a standstill, including commuter and emergency transportation and medical services. Any development that has occurred since the adoption of the previous plan, and any future development, has the potential to be impacted by winter storms. All land uses are equally impacted by severe winter weather.

The current total value of taxable real estate in Greene County is $4,704,063,560. In 2022 and 2023, Greene County authorized a total of 949 new residential units at a total value of $433,290,000. The population is expected to increase by 2.2 percent, or 3,640 people between 2020 and 2030. An additional increase of 259 people (less than one percent) is expected between 2030 and 2040. The increased population and the increase in residential units could lead to additional risks.

Building design and construction is also impacted by the amount of snowfall. Areas that receive high snowfall should have buildings designed to withstand the weight of the snow to avoid sagging, cracking, and collapsing roofs. On the other hand, snow is a natural insulator, and snow accumulated on rooftops helps hold heat in buildings and, consequently, reduces heating costs.

It is important to maintain consistency between emergency planning, financial plans and budgets, and development planning. Zoning codes should ensure that there is adequate greenspace in existing and new developments to foster drainage and offers space to pile cleared snow. Locating emergency facilities, and partnering with emergency organizations during the planning process, will help develop improved contingency responses in cases where emergency transportation and services are cut off during an extreme weather event.

Climate Change

According to the Midwest chapter of the Fourth National Climate Assessment, the average Midwest air temperature increased by more than 1.5 degrees Fahrenheit between 1900 and 2010. In recent years, however, warming has increased three times as quickly between 1980 and 2010. By the end of 2030, Ohio's climate may trend towards the climate of Southern Illinois. By 2100, Ohio might feel like Arkansas or Texas. As a result, the warming climate suggests that extreme winter weather will be less severe and less frequent in Ohio, and heavy snowfall will manifest as heavy rainfall in future years.

4.9 Tornadoes and Severe Wind

Description

FEMA defines a tornado as "a violently rotating column of air extending from a thunderstorm to the ground." Tornadoes can generate wind speeds greater than 250 miles per hour. Tornado paths can be as large as one mile wide and 50 miles long. Nationally, there is an average of 800 tornadoes reported annually across all 50 states.

In general, the midsection of the United States experiences a higher rate of tornadoes than other parts of the country because of the recurrent collision of moist, warm air moving north from the Gulf of Mexico with colder fronts moving east from the Rocky Mountains. Supercells, a dangerous type of thunderstorm which form from rotating thunderstorms, can cause the most destructive type of tornado.

Tornado Warnings are issued by the Wilmington, Ohio, Forecast Office when a tornado is indicated by the WSR-88D radar or sighted in person by spotters. The WSR-88D radar is an advanced Weather Surveillance Doppler Radar utilized by the National Weather Service (NWS) to generate a radar image. Once a warning has been issued, people in the warning area should seek shelter immediately. Warnings will include the location of the tornado, as well as the communities in its path. A tornado warning can be issued without a tornado watch, and they are typically issued for 30 minutes at a time. If the supercell thunderstorm responsible for the formation of the tornado is also producing large volumes of rain, the tornado warning may be combined with a Flash Flood Warning. The NWS office will follow up any Tornado Warnings with Severe Weather Statements to provide up-to-date information on the tornado and inform the public when the warning is no longer in effect (Source: NWS).

Severe weather events can also create strong winds – often called "straight-line" winds – to differentiate thunderstorm winds from tornadic winds. These winds, which have the potential to cause damage, are caused by an outflow generated by a thunderstorm downdraft.

The NWS can issue various types of wind advisories and warnings. A **wind advisory** is issued when sustained winds of 31 to 39 MPH are reached for an hour or more and/or if there are wind gusts of 46 to 57 MPH for any duration. A **High Wind Watch** indicates that sustained, strong winds are possible, and outdoor items should be secured. People should modify plans, so they are not caught outside. Additionally, a **High Wind Warning** indicates that sustained, strong winds (40 MPH or greater) with even stronger gusts (greater than 58 MPH) are happening. People should seek shelter, and those driving should keep both hands on the wheel and slow down. An **extreme wind warning** is issued for surface winds of 115 MPH or greater associated with non-convective, downslope, derecho (not associated with a tornado), or sustained hurricane winds that are expected to occur within one hour.

Location

Severe wind events and tornadoes can occur anywhere in Greene County. All areas and jurisdictions should be considered at risk for these events.

Extent

Tornadoes are measured by the amount of damage caused by a certain wind speed, assuming greater wind speeds will result in greater damage. The original Fujita Tornado Damage Scale (F-scale) was developed in 1971 without much consideration to a building or structure's integrity or condition as it relates to the wind speed required to damage it. The Enhanced Fujita-scale (EF-Scale) took effect on February 1, 2007. This scale retains the original F-scale's F0 through F5 wind ratings and classifies tornado damage across 28 different types of damage indicators. These indicators mostly involve building/structure type and are assessed at eight damage levels from 1 through 8. Therefore, construction types and their relative strengths and weaknesses are incorporated into the EF classification given to a particular tornado. The most intense damage along with the type of

construction affected within the tornado path will generally determine the EF scale rating given to the tornado. Table 4.9.1 lists the classifications under the EF- and F-scale. It should be noted that the wind speeds listed in this table are estimates based on damage rather than actual measurements.

Neither the National Oceanic and Atmospheric Administration (NOAA) or NWS have re-evaluated the historical tornado data using the enhanced scale; therefore, this assessment and subsequent plans will reference both scales until a complete switchover has occurred.

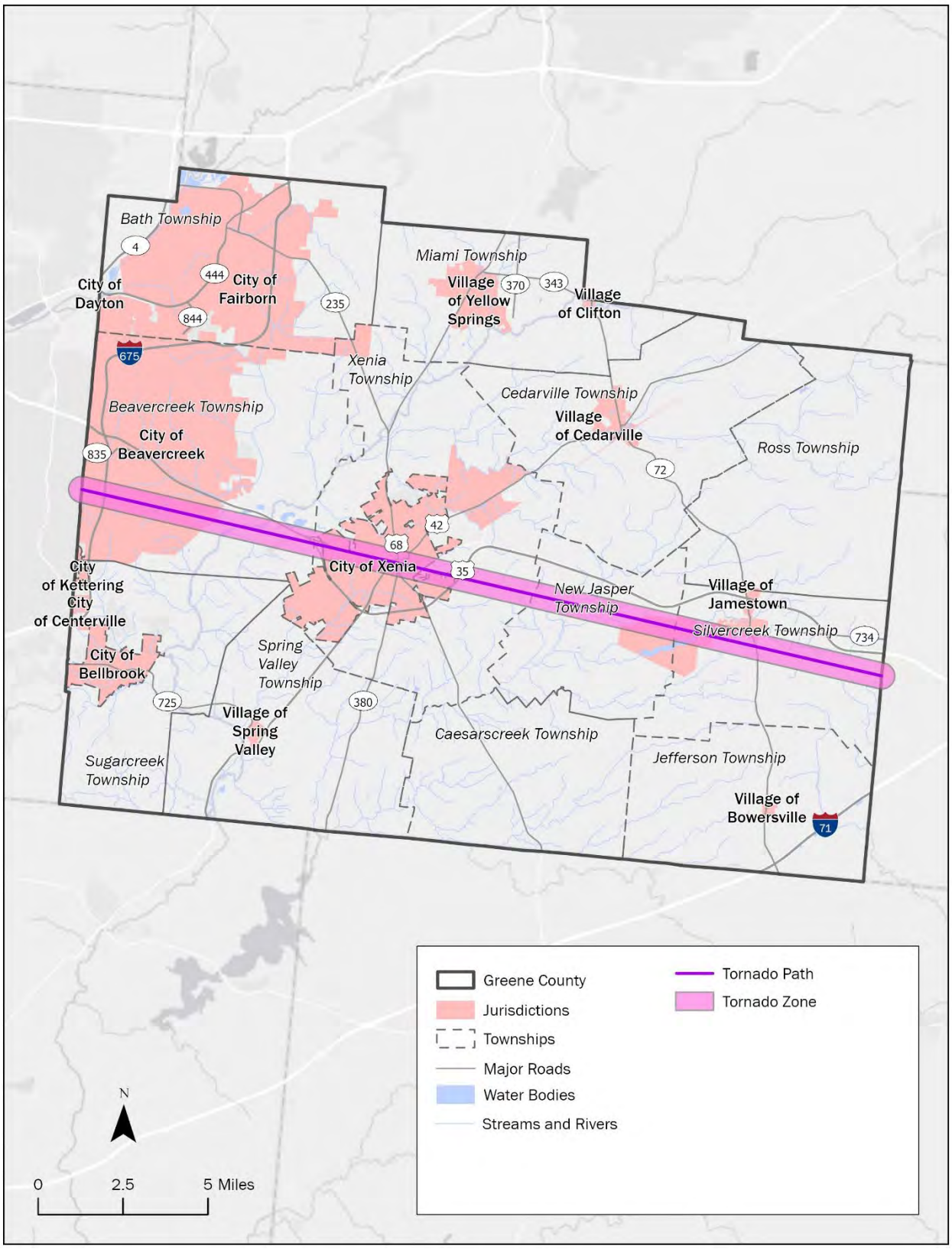
Table 4.9.1: Fujita and Enhanced Fujita Scale Classifications

Fujita Scale 3-Second Wind Gust (MPH)		Damage Levels	Enhanced Fujita Scale 3-Second Wind Gust (MPH)	
F0	45-78	Light Damage: Tree branches down.	EF-0	65-85
F1	79-117	Moderate damage: Roof damage.	EF-1	86-110
F2	118-161	Considerable damage: Houses damaged.	EF-2	111-135
F3	162-209	Severe damage: Buildings damaged.	EF-3	136-165
F4	210-261	Devastating damage: Structures leveled.	EF-4	166-200
F5	262-317	Incredible damage: Whole towns destroyed.	EF-5	Over 200

Source: SOHMP

Figure 4.9.2 simulates an extremely destructive, worst-case scenario EF5 tornado and its impacts on Greene County assets and infrastructure.

Figure 4.9.2: Worst Case Tornado Scenario



History

There have been 11 tornado events, two of which caused three tornadoes each, in Greene County between January 1995 and December 2023. Greene County has had four Major Disaster Declarations for Severe Storms, Tornadoes, Windstorms, and Straight-Line Winds. The tornadoes caused an estimated $67.1 million in property damage, one death, and 102 injuries. The high and strong wind events caused an estimated $18 million in property damage and one death. Several of the most damaging events, events that resulted in deaths and/or injuries, and events with emergency or major disaster declarations are described in more detail below.

A Major Disaster Declaration for Severe Storms, Straight-line Winds, Tornadoes, Flooding, Landslides, and Mudslides, May 27, 2019 – May 29, 2019:

In May 2019, a tornado outbreak lasted about two weeks, producing 400 tornadoes across multiple states. Between May 27 and May 29, 19 tornadoes occurred in Ohio. A thunderstorm developed in the evening hours of May 27, 2019, producing many destructive tornadoes. Three tornadoes developed and traveled through Greene County. An EF3 tornado touched down in Montgomery County and traveled through western and central Greene County, completely lifting several roofs and destroying outside walls of several buildings. Several homes on Rushton Drive had entire roofs lift off and several buildings had exterior walls destroyed with only interior walls standing. There were homes along Gardenview and Wendover Drives that had garage doors destroyed, roofs collapsed and/or removed. An EF1 tornado touched down on Lackey Road, damaging trees and causing minor structural damage to a building's roof and siding. Multiple large tree limbs were downed and a power pole was knocked down. A carport was destroyed and there was mud splatter on several homes, with some roof and siding damage. A EF0 tornado touched down along South Charleston Road, damaging roofs, interior walls, and trees along Rogers Road and Watkins Road. In the Beavercreek an apartment complex had large sections of roofs removed and upper level's exterior walls collapsed. Several businesses had partially collapsed walls and roof lift off near North Fairfield Road. According to the Regional Planning Commission there were 1,182 Green County properties damaged by the tornadoes. A Major Disaster Declaration (DR-4447-OH) was declared on June 18, 2019, offering individual assistance to eight counties, public assistance to one county, and both individual and public assistance to three counties. Greene County was offered both individual and public assistance. Greene County reported approximately $50.3 million in property damage. No deaths were reported in Greene County.

An EF1 Tornado in Greene County, May 26, 2015:

An EF1 tornado touched down at the Greene Crossing Shopping Center on Indian Ripple Road, lifting at least five cars in late May 2015. Two individuals sustained injuries when tornados rolled their cars. As many as 22 vehicles were damaged, along with Fitworks (a local gym). An HVAC unit was also pushed off of a rooftop. The tornado traveled northeast, damaging several home roofs and downing numerous trees. Greene County reported approximately $750,000 in property damage. No deaths or additional injuries were reported in Greene County.

An EF3 Tornado in Greene County, May 14, 2014:

In May 2014, an EF3 tornado touched down west of Stringtown Road and traveled across Highway 35 and Federal Road, significantly damaging a barn. The tornado then traveled across Highway 72 where it damaged a property, destroying outbuildings and several fences. Roof damage was seen on one residential home and several barns. A trailer was also tipped over. The tornado intensified as it traveled past a stone quarry, hitting an 1880 home head on and destroying the house. The tornado then crossed Barber Road where it caused significant damage to another residence. Greene County reported approximately $500,000 in property damage. No deaths or injuries were reported in Greene County.

A Major Disaster Declaration for Severe Windstorm associated with Tropical Depression Ike, September 14, 2008:

The remnants of Hurricane Ike moved northeast with a frontal boundary across the lower Ohio Valley in September 2008. Wind gusts of up to 70 mph were observed, causing significant damage and widespread power outages. Sustained winds were observed up to 50 mph and lasted for several hours. A Major Disaster Declaration (DR-1805-OH) was declared on October 24, 2008, offering public assistance to 33 counties, including Greene County. The County reported approximately $17.9 million in property damage. No deaths or injuries were reported in Greene County.

Strong Wind Event in Greene County, August 4, 2004:

In early August 2004, strong winds with gusts up to 45 mph caused significant roof and wall damage to a body shop in the Village of Fairborn. The wall collapsed on a 38-year-old man, leading to his death. Greene County reported approximately $60,000 in property damage. No additional deaths or injuries were reported in the County.

A Major Disaster Declaration for Severe Storms and Tornado, September 20, 2000:

On September 20, 2000, a dangerous and violent tornado touched down in Sugarcreek Township, and traveled through Beavercreek Township, the City of Xenia, and Xenia Township. The EF4 tornado traveled at 65 miles per hour (mph) for eight to nine miles. The tornado destroyed and/or damaged over 250 homes, 40 businesses, and six churches. The tornado picked up and tossed cars along US-35, and four semi-trailers were thrown up to 400 yards. In Sugarcreek Township, the tornado damaged 14 homes and three barns. Along the path, many electric poles were downed, causing over 10,000 people to be without power for at least a day. A Major Disaster Declaration (DR-1343-OH) was declared on September 26, 2020, offering public and individual assistance to Greene County. The County reported one death and 100 injuries, along with approximately $15 million in property damage. No additional information is available.

A Major Disaster Declaration for Tornadoes, April 4, 1974:

In early April 1974, a super outbreak of tornadoes occurred across central and eastern U.S. and parts of Canada. A total of 148 tornadoes were confirmed, 30 of which were EF4 and EF5. There were 335 direct deaths and over 6,000 injuries across 13 U.S. states and Ontario, Canada. An EF5 tornado struck the City of Xenia, causing devastating damage to homes and businesses. The tornado caused 33 deaths and hundreds of injuries in the City of Xenia. A Major Disaster Declaration (DR-421-OH) was declared on April 4, 1974, offering public and individual assistance to 14 counties, including Greene County.

Probability

There were 11 tornado events in Greene County between January 1995 and December 2023 resulting in a total of $67 million in property damage. There were 18 strong wind or high wind events between January 1995 and December 2023, resulting in a total of $18 million in property damage. On average that equates to .48 tornadoes and .62 wind events a year, with an average of $2.3 million in property damage for tornadoes and $620,793 in property damage for wind events.

Although it is difficult to predict future tornado activity, a study completed in 2018 on spatial trends of tornadoes saw an eastward shift in tornado frequency. Two other studies (2015 and 2016) showed an increase in tornado frequency in the eastern United States and a decrease in tornado activity in central United States. The study published in 2016 on spatial redistribution of tornado activity stated that there is a documented increase in hazardous conductive weather (HCW) in the lower Ohio valley regions. The studies do note that the number of tornadoes produced from a single storm is increasing. For instance, in 2020 there were 20 documented tornadoes in Ohio, seven tornadoes from one storm and five tornadoes from another. In Greene County, there were two events that caused three tornadoes each.

Vulnerability Assessment

Infrastructure Impact

Above-ground infrastructure can be damaged by tornadoes. Debris lofted airborne by tornadoes as well as fallen trees can cause damage to buildings and infrastructure and lead to road closures. Above ground utility infrastructure can be damaged or destroyed, which can cause service outages.

Population Impact

Tornadoes are random in nature and have the potential to occur anywhere in the County. Everyone within the County should be prepared for a tornado. Residents in mobile home parks are particularly vulnerable and should have a plan in place.

For social vulnerability, according to the National Risk Index, tornadoes and strong winds have a score of 81.2 ("relatively moderate") and 83.6 ("relatively moderate") in Greene County. The index indicates an expected annual loss of $4.4 million due to tornadoes and $1.3 million due to strong winds, with 0.3 and 2.4 events occurring per year, respectively.

Property Damage

Tornadoes that have occurred in Greene County are generally weaker, rated EF-2 or lower; however, even weaker tornadoes can cause significant damage to property. In the last 29 years the property damage in Greene County has included homes, businesses, mobile homes, roofs, windows, siding, powerlines, and tree damage. About 25 percent of the tornadoes that have hit Greene County have been rated EF3 or higher. Two tornado events have caused the bulk of approximately $65 million in property damage. One event in 2019, which produced three tornadoes, caused $50.3 million and another event in 2000, which produced one tornado, caused $15 million.

Wind damage in Greene County has included homes, businesses, roofs, siding, trees, and powerlines. Most of the wind events cause little to no damage, however, one event caused $17.9 million in property damage.

Loss of Life

There has been one reported death and 102 injuries a result of tornadoes in Greene County since 1995. In addition, there were 33 reported deaths and hundreds of injuries directly related to the tornado of 1974. There has been one death as a result of high/strong wind since 1995. Loss of life and injuries are always possible during tornadoes and strong wind events. Falling debris is the main the cause of death in a tornado, along with becoming airborne.

Economic Losses

Tornadoes and strong winds have the potential to damage infrastructure, resulting in the economic burden of clean up and repairs, as well as the economic loss from deaths and injuries. Expected annual loss (EAL) rates, calculated by FEMA, identify the total value of loss expected each year for a particular community, in this case Greene County census tracts. Potential economic losses and damage associated with Greene County for tornadoes and strong wind are recorded in **Tables 4.9.3 and Table 4.9.4** below. The tables show the top 20 census tracts with expected losses for buildings, population ($11.6 million for each fatality or ten injuries), and agriculture per census tract from tornadoes and strong winds, listing them from highest total EAL to lowest. Additional census tracts can be found in **Appendix E**.

Table 4.9.3: Structure and Population Vulnerability from Tornadoes

Census Tract	Expected Annual Loss (Building)	Expected Annual Loss (Population Equivalence)	Expected Annual Loss (Agriculture)	Expected Annual Loss (Total)
39057210603	$165,544	$61,681	$30	$227,255

Census Tract	Expected Annual Loss (Building)	Expected Annual Loss (Population Equivalence)	Expected Annual Loss (Agriculture)	Expected Annual Loss (Total)
39057210500	$150,083	$48,984	$13	$199,080
39057210602	$118,456	$40,373	$0	$158,829
39057200104	$114,398	$39,299	$6	$153,703
39057260100	$110,329	$42,698	$238	$153,264
39057210604	$106,622	$43,223	$2	$149,846
39057220102	$110,338	$37,041	$37	$147,416
39057210101	$116,448	$29,342	$0	$145,790
39057240600	$98,704	$40,272	$52	$139,028
39057210401	$96,345	$40,685	$0	$137,029
39057220101	$99,515	$32,039	$8	$131,562
39057220201	$94,816	$35,291	$0	$130,107
39057210402	$88,025	$40,949	$0	$128,974
39057240500	$90,148	$34,861	$12	$125,021
39057210300	$79,489	$28,844	$1	$108,334
39057210201	$70,627	$35,282	$0	$105,908
39057240302	$75,035	$30,740	$16	$105,791
39057200901	$73,148	$32,323	$6	$105,478
39057240200	$61,698	$35,920	$1	$97,620
39057280300	$84,996	$12,350	$2	$97,347
Grand Total	**$2,004,762**	**$742,197**	**$424**	**$2,747,382**

Source: FEMA National Risk Index

Table 4.9.4 Structure and Population Vulnerability from Strong Winds

Census Tract	Expected Annual Loss (Building)	Expected Annual Loss (Population Equivalence)	Expected Annual Loss (Agriculture)	Expected Annual Loss (Total)
39057210603	$53,705	$13,700	$107	$67,512
39057210500	$48,694	$10,880	$39	$59,613
39057260100	$38,086	$10,391	$1,009	$49,486
39057210602	$38,439	$8,967	$0	$47,406
39057200104	$37,122	$8,729	$20	$45,870
39057210101	$37,788	$6,517	$0	$44,305
39057210604	$34,599	$9,600	$6	$44,205

Census Tract	Expected Annual Loss (Building)	Expected Annual Loss (Population Equivalence)	Expected Annual Loss (Agriculture)	Expected Annual Loss (Total)
39057240600	$32,059	$8,954	$199	$41,211
39057220102	$33,206	$7,623	$118	$40,947
39057210401	$31,264	$9,036	$0	$40,301
39057220101	$31,613	$6,951	$30	$38,594
39057210402	$28,564	$9,095	$0	$37,659
39057240500	$29,253	$7,743	$45	$37,041
39057220201	$27,764	$6,986	$0	$34,750
39057210300	$25,794	$6,406	$5	$32,206
39057240302	$24,324	$6,819	$63	$31,206
39057200901	$23,737	$7,179	$22	$30,938
39057210201	$22,919	$7,836	$0	$30,755
39057280300	$27,519	$2,742	$5	$30,267
39057255000	$22,179	$6,166	$9	$28,355
Grand Total	**$648,628**	**$162,320**	**$1,677**	**$812,627**

Source: FEMA National Risk Index

Future Trends

Land Use and Development Trends

Tornadoes can occur anywhere. Any development that has occurred since the previous plan and any future development has the potential to be impacted by tornadoes. While the location of development will not be impacted by tornadoes, shelters should be installed in high occupancy buildings, parks, fairs and festivals, mobile home parks, and similar developments.

The vulnerability of structures and populations to tornado damage is related to the number and age of buildings and population density, such that older buildings with more people increases vulnerability, and fewer buildings and people reduces vulnerability. Much of Greene County is nonresidential including rangeland, forest, cropland and pasture, with only 22.23 percent either residential or industrial/commercial.

The current total value of taxable real estate in Greene County is $4,704,063,560. In 2022 and 2023, Greene County authorized a total of 949 new residential units at a total value of $433,290,000. The population is expected to increase by 2.2 percent, or 3,640 people between 2020 and 2030. An additional increase of 259 people (less than one percent) is expected between 2030 and 2040. The increased population and the increase in residential units could lead to additional risks.

Climate Change

While rainfall, heat, and drought have clear links to climate change, the link between climate change and tornadoes is not yet fully understood. Tornado records in the United States typically only go back as far as the 1950's, making it difficult to compare trends over long periods of time. Additionally, tornado reporting was not fully standardized until 2007, when the Enhanced Fujita Scale was released.

However, some short trends have been identified, although not yet linked directly to climate change. The number of days with tornadoes in the United States has fallen, but tornado outbreaks, or the number of tornadoes in one day, have increased. The intensity and strength of tornadoes has also increased as tornado distribution has shifted eastwards, increasing tornado risk for Ohio (Center for Climate and Energy Solutions).

According to the Fifth National Climate Assessment, severe storms are brief and cover small areas, thus the effects of climate change on severe storms are difficult to measure. Research suggests tornado activity has become more variable, with a decrease in the number of days per year with tornadoes but an increase in the number of tornadoes that occur on these days. In general, there is some indication that the frequency and intensity of thunderstorms will increase in a warming climate.

4.10 Wildfire

Description

A wildfire is an uncontrolled fire that burns in a natural area of combustible vegetation such as a forest, grassland, or prairie, and typically occurs in rural areas. Non-wilderness fires are uncontrolled burning in residential or commercial development that are out of the scope of this plan. However, it is important to note that non-wilderness fires often accidentally cause wildfires. They can happen at any time or place, and more than half of the wildfires recorded have been started due to human activity. While wildfires can be caused by human activity or a natural phenomenon such as lightning, it is often the weather conditions that determine how much a wildfire grows.

Location

According to the State of Ohio Hazard Mitigation Plan (SOHMP), Greene County is in Region 2 and falls outside the Ohio Department of Natural Resources (ODNR) Division of Forestry's Forest Fire Protection Area (**Figure 4.10.1**). All but eight counties in Region 2 fall outside the ODNR Division of Forestry wildfire protection area. Region 2 is home to the most developed metropolitan areas and has the highest population density. Due to the urban areas, grasslands and woodlands are not as abundant, reducing the potential for large-scale wildfires.

Extent

Several factors can contribute to the escalation of risk for wildfires, including the prevalence of forests and agricultural lands and their proximity to homes, residences, and structures, as well as the distance between fire and emergency management services. In these cases, the presence of fire near structures causes fire departments to shift focus away from fire suppression and toward structure protection.

According to the SOHMP, 99.9 percent of wildfires in Ohio are caused by human action or accident. As such, many wildfires in Ohio burn in proximity to homes and structures. From 2018 to 2022, the main causes of wildfires in Ohio included debris burning, incendiary (arson), equipment, smoking, campfires, children (playing with matches), lightning, and railroad.

History

The SOHMP identifies 75 total fire events from 2018 to 2022, with an average of 2.78 acres burned per incident. These events burned a total of 80 acres.

Estimating the monetary losses associated with wildfires is difficult because most of these events occur on open land or fields with monetary losses often not being recorded. This lack of data may result in inconsistencies if an analysis was done based on reported monetary loss. As such, acres burned per fire event is a more consistent method of analysis for this hazard.

Probability

According to the State of Ohio Hazard Mitigation Plan, there is a 100 percent probability that a wildfire will occur within any county in any given year. Based on the reported 75 fire events in Greene County from 2018 to 2022, an average of approximately five fire events is estimated to occur annually in the County. In addition, according to the U.S. Environmental Protection Agency, the average total area burned by wildfires has increased since the 1980s, and the record-breaking fires tend to occur during record-breaking warm years. The Climate Change section in Future Trends discusses climate change further.

Figure 4.10.1: Ohio Wildfire Protection Areas

Source: ODNR Ohio Division of Forestry

Vulnerability Assessment

Infrastructure Impact

According to the USDA Forest Service Wildfire Risk to Communities, a free website with interactive maps and charts, Greene County has a low risk of wildfire damage to homes.

Population Impact

If a wildfire occurs within the County, the entire population could be impacted by the loss of homes, infrastructure, and crops. Large portions of Greene County are used for agriculture, increasing the risk of economic loss to farms in spring, fall, and during drought. A growth in the number of houses in forested areas is expanding the Wildland Urban Interface (WUI), putting more structures within areas of continuous vegetation and increasing the potential for loss. Furthermore, some residents may be more vulnerable because they tend to experience more difficulty preparing for, responding to, and recovering from wildfire. The USDA Forest Service Wildfire Risk to Communities identifies areas that have a greater risk (medium) to wildfire. The vulnerable populations are children under the age of five and people who are Black, Native American, and/or Hispanic. Race and ethnicity are correlated with disparities in access to aid, resources and health.

According to the National Risk Index, calculated by FEMA, Greene County's risk score for wildfires is 51.1 ("very low") compared to all other U.S. counties, based on its relatively moderate social vulnerability and community resilience, and very low expected annual loss. The index indicates an expected annual loss of $52,000 due to wildfires.

Property Damage

There were 75 recorded wildfire events between 2018 and 2022 in Greene County, burning approximately 80 acres. There were no structures threatened or destroyed. It is assumed that the County has experienced some crop damage because of wildfires, however that data was not available. Occasionally, in the event of a wildfire, fire engines belonging to local fire departments can be damaged while suppressing wildfires, although there are no reports of this in Greene County. Potential economic losses and damage associated with Greene County for wildfires are recorded in Table 4.10.2 below.

The table shows the 20 census tracts with the highest total EAL (expected annual loss) from wildfires, listed from highest total EAL to lowest. EAL rates, calculated by FEMA, identify the total value of loss expected each year for a particular community, in this case the census tracts for Greene County.

Table 4.10.2: Structure and Population Vulnerability from Wildfires

Census Tract	Expected Annual Loss (Building)	Expected Annual Loss (Population Equivalence)	Expected Annual Loss (Agriculture)	Expected Annual Loss (Total)
39057210603	$3,697	$301	$0.2	$3,998
39057210500	$3,465	$242	$0.1	$3,707
39057220102	$3,322	$236	$0.2	$3,558
39057210604	$2,322	$212	$0.0	$2,534
39057210602	$2,123	$186	$0.0	$2,309
39057220101	$2,123	$141	$0.1	$2,264
39057230100	$1,954	$125	$0.4	$2,079
39057255000	$1,542	$146	$0.0	$1,688

Census Tract	Expected Annual Loss (Building)	Expected Annual Loss (Population Equivalence)	Expected Annual Loss (Agriculture)	Expected Annual Loss (Total)
39057210300	$1,332	$95	$0.0	$1,427
39057210402	$1,235	$127	$0.0	$1,362
39057210605	$1,256	$97	$0.0	$1,353
39057210202	$1,160	$119	$0.0	$1,279
39057210201	$1,138	$115	$0.0	$1,253
39057200901	$1,141	$111	$0.1	$1,252
39057200902	$1,156	$95	$0.2	$1,251
39057240600	$1,131	$96	$0.2	$1,227
39057240700	$1,136	$74	$0.2	$1,210
39057260100	$1,073	$118	$0.4	$1,191
39057220201	$1,062	$100	$0.0	$1,162
39057210101	$1,049	$102	$0.0	$1,150
Total	**$34,414**	**$2,837**	**$2**	**$37,253**

Source: FEMA National Risk Index

Loss of Life

Greene County has no recorded wildfire-related loss of life or injuries. Injuries caused by wildfires are not widely publicized, so information is limited. With any wildfire event, there is potential for loss of life. Advanced evacuation warnings can reduce the likelihood of death from wildfires.

Economic Losses

According to the SOHMP, there are 21 state-owned or state-leased community lifelines (critical facilities) with a relatively low hazard risk. These facilities have a total replacement cost of $17,560,312. No state-owned or state-leased critical facilities were considered to have a relatively moderate, relatively high, or very high-risk rating to wildfires.

Future Trends

Land Use and Development Trends

Communities should monitor areas that are especially susceptible to wildfires and avoid development in such areas. A slight increase in forested and pasture/hay areas can mean slightly more vulnerability to wildfire. Newer structures are being built in rural and wooded lots, expanding the WUI in the County, resulting in increased vulnerability to the structures and inhabitants. New developments in these areas should implement fire protective measures; however, the County hasn't implemented building codes that specifically address wildfire for either incorporated or unincorporated buildings or homes. Additionally, a rise in oil and gas infrastructure in the County further adds to the number of high-value infrastructure at risk from wildfire.

Figures 1.2.1 and 1.2.2 in **Chapter 1** show areas susceptible to drought and heatwaves. New construction should reference the figures and resources outlined in this plan in order to minimize risk of drought and heatwaves, which can increase wildfire spread.

Climate Change

According to the U.S. EPA and National Climate Assessment, the national average total area burned by wildfires has increased since the 1980's, and the record-breaking fires tend to occur during record-breaking warm years. Combustion from wildfires also releases carbon dioxide into the atmosphere, contributing to climate change and negatively impacting human health. If climate change increases the frequency and intensity of drought in the region, then the risk of wildfire can also increase.

5| Hazard Mitigation Strategy

5.1 Hazard Mitigation Strategy

Hazard Priorities

Potential hazards, including natural, geological, and human-caused hazards, were rated by members of the Core Planning Committee, which included representatives from each jurisdiction in Greene County. Each potential hazard was rated on a scale of zero to five, with zero indicating the hazard should not be studied and five indicating the most significant threat to the representative's jurisdiction. A priority score was developed for each hazard by averaging the representatives' ratings. The hazards were then ranked by their priority score, where the highest priority score was given a hazard rank of one for each jurisdiction within the County and one for the County itself. The resulting hazard rank and associated priority score for each hazard are shown in **Table 5.1.1 – Table 5.1.11**.

Table 5.1.1: Greene County Hazard Priorities

Hazard	Priority Score	Hazard Rank
Multiple Hazards	5.00	1
Tornadoes	4.75	2
Flooding	3.83	3
Severe Winter Weather and Extreme Cold	3.83	4
Severe Summer Weather	3.75	5
Drought and Extreme Heat	3.17	6
Invasive Species	2.75	7
Dam/Levee Failure	2.67	8
Landslides, Land Subsidence, and Erosion	2.58	9
Earthquakes	2.00	10
Wildfire	1.92	11

Table 5.1.2: City of Beavercreek Hazard Priorities

Hazard	Priority Score	Hazard Rank
Multiple Hazards	5.00	1
Tornadoes	4.00	2
Severe Winter Weather and Extreme Cold	3.67	3
Severe Summer Weather	3.33	4
Flooding	2.33	5
Invasive Species	2.00	6
Wildfire	1.67	7
Dam/Levee Failure	1.00	8
Drought and Extreme Heat	1.00	9
Earthquakes	1.00	10
Landslides, Land Subsidence, and Erosion	0.67	11

Table 5.1.3: City of Bellbrook Hazard Priorities

Hazard	Priority Score	Hazard Rank
Multiple Hazards	5.00	1
Dam/Levee Failure	4.00	2
Tornadoes	4.00	3
Drought and Extreme Heat	1.00	4
Severe Summer Weather	1.00	5
Severe Winter Weather and Extreme Cold	1.00	6
Flooding	1.00	7
Invasive Species	Do Not Include	
Earthquakes	Do Not Include	
Landslides and Land Subsidence	Do Not Include	
Wildfire	Do Not Include	

Table 5.1.4: City of Fairborn Hazard Priorities

Hazard	Priority Score	Hazard Rank
Multiple Hazards	5.00	1
Tornadoes	4.50	2
Dam/Levee Failure	3.00	3
Flooding	3.00	4
Severe Winter Weather and Extreme Cold	3.00	5
Wildfire	3.00	6
Drought and Extreme Heat	2.50	7
Earthquakes	2.00	8
Invasive Species	2.00	9
Severe Summer Weather	2.00	10
Landslides, Land Subsidence, and Erosion	1.50	11

Table 5.1.5: City of Xenia Hazard Priorities

Hazard	Priority Score	Hazard Rank
Multiple Hazards	5.00	1
Severe Winter Weather and Extreme Cold	5.00	2
Tornadoes	5.00	3
Earthquakes	3.00	4
Flooding	3.00	5

Hazard	Priority Score	Hazard Rank
Severe Summer Weather	3.00	6
Invasive Species	2.00	7
Wildfire	2.00	8
Dam/Levee Failure	1.00	9
Drought and Extreme Heat	1.00	10
Landslides, Land Subsidence, and Erosion	1.00	11

Table 5.1.6: Village of Bowersville Hazard Priorities

Hazard	Priority Score	Hazard Rank
Multiple Hazards	5.00	1
Drought and Extreme Heat	2.00	2
Earthquakes	2.00	3
Severe Winter Weather and Extreme Cold	2.00	4
Tornadoes	2.00	5
Flooding	1.00	6
Invasive Species	1.00	7
Landslides, Land Subsidence, and Erosion	1.00	8
Severe Summer Weather	1.00	9
Wildfire	1.00	10
Dam/Levee Failure	Do Not Include	

Table 5.1.7: Village of Cedarville Hazard Priorities

Hazard	Priority Score	Hazard Rank
Multiple Hazards	5.00	1
Severe Winter Weather and Extreme Cold	5.00	2
Tornadoes	5.00	3
Drought and Extreme Heat	4.00	4
Flooding	4.00	5
Severe Summer Weather	3.00	6
Dam/Levee Failure	2.00	7
Invasive Species	1.00	8
Landslides, Land Subsidence, and Erosion	1.00	9
Wildfire	1.00	10
Earthquakes	Do Not Include	

Table 5.1.8: Village of Clifton Hazard Priorities

Hazard	Priority Score	Hazard Rank
Multiple Hazards	5.00	1
Tornadoes	4.50	2
Severe Summer Weather	4.00	3
Severe Winter Weather and Extreme Cold	4.00	4
Drought and Extreme Heat	3.00	5
Earthquakes	3.00	6
Flooding	3.00	7
Invasive Species	2.50	8
Dam/Levee Failure	1.00	9
Landslides, Land Subsidence, and Erosion	1.00	10
Wildfire	1.00	11

Table 5.1.9: Village of Jamestown Hazard Priorities

Hazard	Priority Score	Hazard Rank
Multiple Hazards	5.00	1
Tornadoes	4.50	2
Severe Summer Weather	4.00	3
Severe Winter Weather and Extreme Cold	4.00	4
Drought and Extreme Heat	3.00	5
Earthquakes	3.00	6
Flooding	3.00	7
Invasive Species	2.50	8
Dam/Levee Failure	1.00	9
Landslides, Land Subsidence, and Erosion	1.00	10
Wildfire	1.00	11

Table 5.1.10: Village of Spring Valley Hazard Priorities

Hazard	Priority Score	Hazard Rank
Multiple Hazards	5.00	1
Flooding	5.00	2
Tornadoes	5.00	3
Drought and Extreme Heat	4.00	4
Severe Summer Weather	4.00	5

Hazard	Priority Score	Hazard Rank
Severe Winter Weather and Extreme Cold	4.00	6
Dam/Levee Failure	3.00	7
Landslides, Land Subsidence, and Erosion	2.00	8
Wildfire	2.00	9
Earthquakes	1.00	10
Invasive Species	1.00	11

Table 5.1.11: Village of Yellow Springs Hazard Priorities

Hazard	Priority Score	Hazard Rank
Multiple Hazards	5.00	1
Flooding	5.00	2
Severe Summer Weather	5.00	3
Severe Winter Weather and Extreme Cold	5.00	4
Tornadoes	5.00	5
Drought and Extreme Heat	4.00	6
Wildfire	4.00	7
Invasive Species	2.00	8
Dam/Levee Failure	1.00	9
Earthquakes	Do Not Include	
Landslides and Land Subsidence	Do Not Include	

Hazards Not Assessed

Below is a discussion covering hazards that were not included in this Plan update, as compared to the hazards included in the SOHMP and in Greene County's previous 2020 HMP.

Coastal Erosion

Coastal erosion is a hazard that is not applicable to Greene County due to the County's inland location, so it was not assessed.

Dam/Levee Failure

The Village of Bowersville does has not deemed dam/levee failures to present a significant hazard, and has opted to not include any mitigation actions for the hazard.

Earthquakes

The City of Bellbrook, the Village of Cedarville, and the Village of Yellow Springs have not deemed earthquakes to present a significant risk and have opted to not include any mitigation actions for the hazard.

Invasive Species

The City of Bellbrook has not deemed invasive species to present a significant risk and has opted to not include any mitigation actions for the hazard.

Hurricanes/Tropical Storms

Hurricanes/tropical storms are hazards that are not directly applicable to Greene County due to the County's inland location, so they were not assessed. However, if remnants of hurricanes or tropical storms were experienced as thunderstorms, thunderstorm winds, or high/severe winds, those events were included in the severe summer storms and/or tornado assessments.

Landslides, Land Subsidence, and Erosion

The City of Bellbrook and the Village of Yellow Springs have not deemed landslides, land subsidence, and erosion to present significant risks and have opted to not include any mitigation actions for the hazard.

Seiche/Coastal Flooding

Seiche/coastal flooding is a hazard that is not applicable to Greene County due to the County's inland location, so it was not assessed.

Wildfire

The City of Bellbrook has not deemed wildfire to present a significant risk and has opted to not include any mitigation actions for the hazard.

5.2 Hazard Mitigation Goals

Developing achievable goals forms the foundation for all mitigation actions and activities that will aid Greene County in attaining the overall mission of the Core Planning Committee. As such, the Core Planning Committee and participating jurisdictions assessed the goals of the 2020 Hazard Mitigation Plan and updated them for this Plan update. Goals were established and reviewed based upon their relationship to the hazard priorities and potential adverse impact of those hazards upon the community. The goals, as well as the hazards assessed for this Plan, informed the development of actions that the County and participating jurisdictions can take to mitigate the impacts of the hazards.

The goals of the Greene County Hazard Mitigation Plan are as follows:

- Goal 1: Increase public awareness.
- Goal 2: Protect life and property.
- Goal 3: Create and/or strengthen partnerships.
- Goal 4: Create a safer environment through construction or installation projects of natural hazard safety systems.
- Goal 5: Reduce losses that result from the failure of High Hazard Potential Dams.

Hazard Mitigation Actions & Priorities

Members of the Core Planning Committee completed a Previous Mitigation Action Status survey, which indicated the status of mitigation actions included in the 2020 Hazard Mitigation Plan. This survey asked representatives to indicate whether the mitigation actions from the previous plan were completed, deleted, deferred, unchanged, or ongoing. It also asked the representative if the mitigation action should be included in this Plan update. The results are included in **Appendix B**. In addition, new mitigation actions were developed and considered for inclusion in this Plan update that address gaps in the previous plan or new issues that have arisen since the 2020 Plan.

All new and previous mitigation actions were reviewed and rated by members of the Core Planning Committee and local jurisdictions based on five criteria: cost-effectiveness, technical feasibility, environmentally soundness, immediate need, and total risk reduction. For each action, each of the five criteria were rated on a scale of one to five (low to high). All the surveys were collected and the individual criteria for each mitigation action were averaged and then added together to develop a

single raw score for each individual mitigation action per jurisdiction. The raw score for each action was used in combination with the rankings of the associated hazard, as determined by the Hazard Priority Survey (**Tables 5.1.1 – 5.1.11**), to develop a score for each mitigation action. The action scores were then ranked to indicate the priority of each specific action. The action with the highest action score was given an action priority of one, indicating that action was the highest priority. Hazard Mitigation Action priorities are organized by hazard in **Table 5.2.1 – Table 5.2.11**. Each table is specific to the jurisdiction or County. The information used to develop the priorities from the jurisdictions surveys and comments can be found in **Appendix G**, along with all completed surveys that were used to prioritize the hazards and develop the goals.

Mitigation projects will only be implemented if the benefits outweigh the associated cost of the proposed project. The Core Planning Committee, in coordination with the Greene County EMA, performed a general assessment of each action that would require FEMA funding as part of the planning process. A detailed cost-benefit analysis of each mitigation action will be required during the project planning phase in order to determine the economic feasibility of each action. Projects will also be evaluated for social and environmental impact-related feasibility, as well as technical feasibility and any other criteria that evaluate project effectiveness. This evaluation of each project will be performed during the pre-application phase of a grant request. Project implementation will be subject to the availability of FEMA grants and other funding sources, as well as local resources.

Projects that are determined to be infeasible during this review process will be re-evaluated by members of the Core Planning Committee for re-scheduling or deletion.

Table 5.2.1: Mitigation Actions Priority Table by Hazard for Greene County

#	Mitigation Action	Community	Hazard Priority	Action Priority	Lead Agency	Funding Source	Start/End	Status
Dam/Levee Failure								
1	Concrete, structural repairs, and other improvements at Huffman Dam.	Greene County, Cedarville Township, Spring Valley Township	8	59	Miami Conservancy District	United States Army Corps of Engineers (USACE) Flood Control Program	12/2025 - 12/2030	Previous
2	Construct or repair storm drainage systems and/or levees.	Greene County, Cedarville Township, Spring Valley Township	8	55	City of Bellbrook, Greene County EMA	United States Army Corps of Engineers (USACE) Flood Control Program	12/2025 - 12/2030	Previous
3	Develop a dam failure evacuation plan for Huffman Dam.	Greene County, Cedarville Township, Spring Valley Township	8	56	Miami Conservancy District and Greene County EMA	Staff Time	12/2025 - 12/2030	Previous
4	Ensure all high-hazard potential dams have updated Emergency Action Plans (EAPs) in place.	Greene County, Cedarville Township, Spring Valley Township	8	53	Greene County EMA, Jurisdictional Leaders	General Operating Budget	12/2025 - 12/2030	New

#	Mitigation Action	Community	Hazard Priority	Action Priority	Lead Agency	Funding Source	Start/End	Status
5	Obtain or create inundation maps for all dams.	Greene County, Cedarville Township, Spring Valley Township	8	54	Greene County EMA, Jurisdictional Leaders	General Operating Budget	12/2025 - 12/2030	New
6	Structural stability analysis of Huffman Dam to assess any risks and develop a rehabilitation strategy, if necessary.	Greene County, Cedarville Township, Spring Valley Township	8	57	Miami Conservancy District	General Operating Budget	12/2025 - 12/2030	Previous
7	Update dam maintenance programs and services.	Greene County, Cedarville Township, Spring Valley Township	8	58	Greene County EMA	General Operating Budget	12/2025 - 12/2030	Previous
Drought & Extreme Heat								
8	Develop and distribute information about risks associated with drought.	Greene County, Cedarville Township, Spring Valley Township	6	51	Greene County EMA	General Operating Budget	12/2025 - 12/2030	Previous
9	Establish program(s) providing air conditioning to at-risk populations.	Greene County, Cedarville Township, Spring Valley Township	6	50	Greene County EMA	General Operating Budget	12/2025 - 12/2030	Previous
10	Provide water and shade at all public outdoor events during extreme heat.	Greene County, Cedarville Township, Spring Valley Township	6	49	Greene County EMA	General Operating Budget	12/2025 - 12/2030	Previous
Earthquakes								
11	Require compliance and enforcement of existing building codes.	Greene County, Cedarville Township, Spring Valley Township	10	60	Greene County EMA	General Operating Budget	12/2025 - 12/2030	Previous
Flooding								
12	Adopt floodplain buffer areas to restrict development beyond the floodplain especially with the Little Miami Scenic River.	Greene County	3	26	Greene County EMA, Jurisdictional Leaders	General Operating Budget	12/2025 - 12/2030	New

#	Mitigation Action	Community	Hazard Priority	Action Priority	Lead Agency	Funding Source	Start/End	Status
13	Ensure compensatory storage for development in the floodplain	Greene County	3	27	Greene County EMA, Jurisdictional Leaders	General Operating Budget	12/2025 - 12/2030	New
14	Develop a set of planned alternative routes and gates frequently flooded areas and inform the citizens.	Greene County, Cedarville Township, Spring Valley Township	3	29	Greene County EMA	General Operating Budget	12/2025 - 12/2030	Previous
15	Develop and distribute an informational brochure on the types of homeowner's hazard insurance, i.e. flood, fire, earthquake, etc.	Greene County, Cedarville Township, Spring Valley Township	3	34	Greene County EMA	General Operating Budget	12/2025 - 12/2030	Previous
16	Encourage regular and periodic pier inspections for bridges.	Greene County, Cedarville Township, Spring Valley Township	3	30	Greene County EMA	Staff Time	12/2025 - 12/2030	Previous
17	Encourage watershed and wetland planning, as well as natural resource management in conjunction with land-use planning for natural hazard mitigation.	Greene County, Cedarville Township, Spring Valley Township	3	32	Greene County EMA	Staff Time	12/2025 - 12/2030	Previous
18	Ensure all eligible jurisdictions are participating in the NFIP.	Greene County, Cedarville Township, Spring Valley Township	3	28	Greene County EMA, Jurisdictional Leaders	General Operating Budget	12/2025 - 12/2030	New
19	Establish a Flood Diversion program for roads in Greene County using the Hyper Reach mass notification system.	Greene County, Cedarville Township, Spring Valley Township	3	33	Greene County EMA, Spring Valley, Fairborn, Xenia, Yellow Springs, Bellbrook, Beavercreek, Jamestown, Bowersville	Staff Time	12/2025 - 12/2030	Previous
20	Identify at-risk structures in Special Flood Hazard Area.	Greene County, Cedarville Township, Spring Valley Township	3	31	Cedarville Township, Bellbrook, Xenia, Yellow Springs, Fairborn, Beavercreek, Jamestown, Bowersville	Staff Time	12/2025 - 12/2030	Previous

#	Mitigation Action	Community	Hazard Priority	Action Priority	Lead Agency	Funding Source	Start/End	Status
21	Massie Creek US 68 N property acquisition; Kaufman/Washington Mill/Patterson.	Greene County, Cedarville Township, Spring Valley Township	3	35	Greene County EMA	United States Army Corps of Engineers (USACE) Flood Control Program	12/2025 - 12/2030	Previous
Invasive Species								
22	Partner with organizations whose mission is to restore or preserve beneficial natural systems (wetlands, watersheds, etc.).	Greene County, Cedarville Township, Spring Valley Township	7	52	Greene County EMA	General Operating Budget	12/2025 - 12/2030	Previous
Landslides and Mine Subsidence (Included with Multiple Hazards)								
Multiple Hazards								
23	Develop and complete a baseline survey to gather citizens' perceptions of the risks associated with natural disasters and the tools and services available to the public to reduce risk.	Greene County, Cedarville Township, Spring Valley Township	1	11	Greene County EMA	Emergency Management Performance Grant (EMPG) Special Project Grants	12/2025 - 12/2030	Previous
24	Develop and complete a periodic post-educational campaign surveys to gather citizens' perceptions of the risks associated with natural disasters and the tools and services available to the public to reduce risk (Method to measure the effectiveness of educational campaigns).	Greene County, Cedarville Township, Spring Valley Township	1	14	Greene County EMA	Staff Time	12/2025 - 12/2030	Previous
25	Develop and distribute information about risks associated with the identified natural disasters affecting the County.	Greene County, Cedarville Township, Spring Valley Township	1	9	Greene County EMA	Staff Time	12/2025 - 12/2030	Previous
26	Educate the public, businesses and residents, of the importance of creating hazard contingency plans (May be included in materials about natural hazard risk).	Greene County, Cedarville Township, Spring Valley Township	1	6	Greene County EMA	Staff Time	12/2025 - 12/2030	Previous
27	Encourage code enforcement and engineering practitioners to enroll in seminars/classes offered by accredited building training centers that showcase the latest materials and techniques in natural hazard resistant construction.	Greene County, Cedarville Township, Spring Valley Township	1	7	Greene County EMA	Staff Time	12/2025 - 12/2030	Previous

#	Mitigation Action	Community	Hazard Priority	Action Priority	Lead Agency	Funding Source	Start/End	Status
28	Encourage jurisdictions to prevent or prohibit new development in areas vulnerable to natural hazards.	Greene County, Cedarville Township, Spring Valley Township	1	10	Greene County EMA	Staff Time	12/2025 - 12/2030	Previous
29	Encourage mitigation measures for existing development in areas vulnerable to natural hazards.	Greene County, Cedarville Township, Spring Valley Township	1	4	Greene County EMA	Hazard Mitigation Grant Program (HMGP)	12/2025 - 12/2030	Previous
30	Encourage the cooperation of neighbors to include but not limited to: Contingency plans for the evacuation and care of neighboring families and pets and communication among the neighbors in the event of a natural hazard.; Contingency plans for checking- in on the shut-in and frail elderly neighbors.	Greene County, Cedarville Township, Spring Valley Township	1	5	Greene County EMA	General Operating Budget	12/2025 - 12/2030	Previous
31	Establish clearly identified places of refuge within public facilities and spaces, neighborhoods, and businesses.	Greene County, Cedarville Township, Spring Valley Township	1	3	Greene County EMA	General Operating Budget	12/2025 - 12/2030	Previous
32	Launch educational campaigns through public/government cable channels and newsletters, websites, street festivals, libraries, school functions, etc.	Greene County, Cedarville Township, Spring Valley Township	1	8	Greene County EMA	Staff Time	12/2025 - 12/2030	Previous
33	Restrict the storage of materials both hazardous and non-hazardous in the floodplain.	Greene County	1	1	Greene County EMA, Jurisdictional Leaders	General Operating Budget	12/2025 - 12/2030	New
34	Two maps should be generated as established in the Miami Valley Emergency Operations Plan, 1993, Annex L, Damage Assessment, PG L-5. One map should graphically display Public damage where the worst damage is located and where minimal damage is located. The second should address the same for Private damages.	Greene County, Cedarville Township, Spring Valley Township	1	12	Greene County EMA	General Operating Budget	12/2025 - 12/2030	Previous

#	Mitigation Action	Community	Hazard Priority	Action Priority	Lead Agency	Funding Source	Start/End	Status
35	Upgrade windows to high impact windows on schools.	Greene County, Cedarville Township, Spring Valley Township	1	13	Greene County EMA, Fairborn, Xenia, Beavercreek, Bellbrook, Jamestown, Bowersville	Community Development Block Grant (CDBG)	12/2025 - 12/2030	Previous
36	Work with all jurisdictions on filling in gaps and strengthening capabilities in enacting mitigation strategies.	Greene County, Cedarville Township, Spring Valley Township	1	2	Greene County EMA, Jurisdictional Leaders	General Operating Budget	12/2025 - 12/2030	New
Severe Summer Weather								
37	Develop and distribute information/education on weather-related-preparedness tools and resources, i.e. sources to purchase such material, etc.	Greene County, Cedarville Township, Spring Valley Township	5	41	Greene County EMA	General Operating Budget	12/2025 - 12/2030	Previous
38	Develop and launch awareness/educational campaigns to increase knowledge of weather alert methods (alert radios, e-mail, cell phones, etc.).	Greene County, Cedarville Township, Spring Valley Township	5	38	Greene County EMA	General Operating Budget	12/2025 - 12/2030	Previous
39	Educate the public on the importance of properly trimming and maintaining the trees on their property (may be included in materials about natural hazard risk).	Greene County, Cedarville Township, Spring Valley Township	5	45	Greene County EMA	Staff Time	12/2025 - 12/2030	Previous
40	Encourage the use of vinyl siding to reduce dent damage due to hail incidents.	Greene County, Cedarville Township, Spring Valley Township	5	47	Greene County EMA	General Operating Budget	12/2025 - 12/2030	Previous
41	Encourage utility companies to hire tree trimming contractors who are capable of a more citizen friendly trimming service	Greene County, Cedarville Township, Spring Valley Township	5	37	Greene County EMA	General Operating Budget	12/2025 - 12/2030	Previous
42	Furnish and install a 25KW Emergency Standby Generator with Automatic Transfer Switch at Gerspacher Water Tower. This generator is needed to maintain communications.	Greene County, Cedarville Township, Spring Valley Township	5	40	Greene County Sanitary Engineer	Emergency Management Performance Grant (EMPG) Special Project Grants	12/2025 - 12/2030	Previous

#	Mitigation Action	Community	Hazard Priority	Action Priority	Lead Agency	Funding Source	Start/End	Status
43	Furnish and install a 25KW Emergency Standby Generator with Automatic Transfer Switch at Indian Ripple Water Tower. This generator is needed to maintain communications.	Greene County, Cedarville Township, Spring Valley Township	5	43	Greene County Sanitary Engineer	Emergency Management Performance Grant (EMPG) Special Project Grants	12/2025 - 12/2030	Previous
44	Furnish and install a 40KW Emergency Standby Generator with Automatic Transfer Switch at the Valley Well Field for wells 11 and 12. This generator is needed to maintain continuous service to the potable water system.	Greene County, Cedarville Township, Spring Valley Township	5	42	Greene County Sanitary Engineer	Emergency Management Performance Grant (EMPG) Special Project Grants	12/2025 - 12/2030	Previous
45	Furnish and install an emergency generator with automatic transfer switch at the Environmental Services facility. The facility is the receiving facility for storm debris and 24/7 operation could be needed.	Greene County, Cedarville Township, Spring Valley Township	5	44	Greene County Sanitary Engineer	Emergency Management Performance Grant (EMPG) Special Project Grants	12/2025 - 12/2030	Previous
46	Furnish, wire, and install a 60Hz, 175kW Emergency Standby Generator with Automatic Transfer Switch at the Greene County Engineer's Building. This generator is needed to maintain emergency operations for the Engineer's Office for 24/7 operations during and after a major storm event.	Greene County	5	39	Greene County Engineer	Hazard Mitigation Grant Program (HMGP)	12/2025 - 12/2030	New
47	Supply equipment to manage storm debris.	Greene County, Cedarville Township, Spring Valley Township	5	48	Greene County Sanitary Engineer	Staff Time	12/2025 - 12/2030	Previous
48	Supply two portable generators with emergency connections to be used at sanitary lift stations and potable water pump stations during power outages.	Greene County, Cedarville Township, Spring Valley Township	5	46	Greene County Sanitary Engineer	Community Development Block Grant (CDBG)	12/2025 - 12/2030	Previous
Severe Winter Weather and Extreme Cold								
49	Establish and encourage the use of weather warning radios in all public spaces, businesses, and residences.	Greene County, Cedarville Township, Spring Valley Township	4	36	Greene County EMA	Staff Time	12/2025 - 12/2030	Previous

#	Mitigation Action	Community	Hazard Priority	Action Priority	Lead Agency	Funding Source	Start/End	Status
Tornadoes								
50	Appeal to the State to enhance or create wind/impact resistant Ohio Basic Building Code(s).	Greene County, Cedarville Township, Spring Valley Township	2	24	Greene County EMA	Staff Time	12/2025 - 12/2030	Previous
51	Construct tornado safe rooms in public areas and neighborhoods without basements.	Greene County, Cedarville Township, Spring Valley Township	2	19	Greene County EMA	Community Development Block Grant (CDBG)	12/2025 - 12/2030	Previous
52	Encourage the use of wind and impact resistant building components designed to withstand tornado strength winds.	Greene County, Cedarville Township, Spring Valley Township	2	22	Greene County EMA	Staff Time	12/2025 - 12/2030	Previous
53	Install a tornado warning system on the north end of town near the university campus.	Greene County, Cedarville Township, Spring Valley Township	2	18	Township Trustees	Community Development Block Grant (CDBG)	12/2025 - 12/2030	Previous
54	Provide drove footage of tornado damaged areas as soon as possible after the event.	Greene County	2	15	Greene County EMA, Jurisdictional Leaders	General Operating Budget	12/2025 - 12/2030	New
55	Request legislation requiring tornado safe rooms in new mobile home communities and new residential communities without basements.	Greene County, Cedarville Township, Spring Valley Township	2	23	Greene County EMA	Staff Time	12/2025 - 12/2030	Previous
56	Seek $2.1 million in funding to install a county-wide tornado warning system complete with battery backup in communities with inadequate coverage, or no tornado siren systems.	Greene County, Cedarville Township, Spring Valley Township	2	17	Greene County EMA, Jurisdictional Leaders	Community Development Block Grant (CDBG)	12/2025 - 12/2030	Previous
57	Supply of a portable 6-inch bypass pump that will be used to bypass pump the sanitary sewer in the event of a catastrophic failure of the system. The proximity of local streams, creeks, and rivers make this equipment a higher priority to prevent pollution of the environment.	Greene County, Cedarville Township, Spring Valley Township	2	25	Greene County EMA	Staff Time	12/2025 - 12/2030	Previous

#	Mitigation Action	Community	Hazard Priority	Action Priority	Lead Agency	Funding Source	Start/End	Status
58	Supply of an emergency response trailer including chainsaws, traffic safety signage, and proper PPE.	Greene County, Cedarville Township, Spring Valley Township	2	21	Greene County Engineer	Staff Time	12/2025 - 12/2030	Previous
59	Test the effectiveness of tornado sirens.	Greene County, Cedarville Township, Spring Valley Township	2	16	Greene County EMA	Staff Time	12/2025 - 12/2030	Previous
60	Tornado safe rooms for Kitridge Road, Spangler Road and Spring Valley and State Route 725 Trailer Parks.	Greene County, Cedarville Township, Spring Valley Township	2	20	Greene County EMA	Community Development Block Grant (CDBG)	12/2025 - 12/2030	Previous
Wildfire								
61	Develop and distribute information about risks associated with wildfires.	Greene County, Cedarville Township, Spring Valley Township	11	61	Greene County EMA	Staff Time	12/2025 - 12/2030	Previous

Table 5.2.2: Mitigation Actions Priority Table by Hazard for City of Beavercreek

#	Mitigation Action	Community	Hazard Priority	Action Priority	Lead Agency	Funding Source	Start/End	Status
Dam/Levee Failure								
1	Ensure all high-hazard potential dams have updated Emergency Action Plans (EAPs) in place.	City of Beavercreek	8	8	Greene County EMA, City of Beavercreek Mayor or Administrator, Miami Conservancy District	General Operating Budget	12/2025 - 12/2030	New
2	Obtain or create inundation maps for all dams.	City of Beavercreek	8	9	Greene County EMA, City of Beavercreek Mayor or Administrator, Miami Conservancy District	General Operating Budget	12/2025 - 12/2030	New
3	Seek funding for, prioritize and remove and/or relocate at-risk structures or construction of improved or new storm drainage systems or levees to protect at- risk structures.	City of Beavercreek	8	10	Greene County EMA, Greene County Engineer	Hazard Mitigation Grant Program (HMGP)	12/2025 - 12/2030	Previous
Drought & Extreme Heat (Included with Multiple Hazards)								
Earthquakes (Included with Multiple Hazards)								
Flooding								
4	Ensure all eligible jurisdictions are participating in the NFIP.	City of Beavercreek	5	6	Greene County EMA, City of Beavercreek Mayor or Administrator	General Operating Budget	12/2025 - 12/2030	New
5	Establish a Flood Diversion program for roads in Greene County using the Hyper Reach mass notification system.	City of Beavercreek	5	7	Greene County, City of Beavercreek Mayor or Administrator	Staff Time	12/2025 - 12/2030	Previous
6	Identify at-risk structures in Special Flood Hazard Area.	City of Beavercreek	5	5	Greene County, City of Beavercreek Mayor or Administrator	Staff Time	12/2025 - 12/2030	Previous
Invasive Species (Included with Multiple Hazards)								
Landslides and Mine Subsidence (Included with Multiple Hazards)								

#	Mitigation Action	Community	Hazard Priority	Action Priority	Lead Agency	Funding Source	Start/End	Status
Multiple Hazards								
7	The City of Beavercreek will work to equip city staff with the training and knowledge necessary to better prepare for, mitigate against, respond to, and recover from disasters.	City of Beavercreek	1	1	City of Beavercreek Mayor or Administrator	General Operating Budget	12/2025 - 12/2030	New
8	Upgrade windows to high impact windows on schools.	City of Beavercreek	1	3	Greene County, City of Beavercreek Mayor or Administrator	Community Development Block Grant (CDBG)	12/2025 - 12/2030	Previous
9	Work with all jurisdictions on filling in gaps and strengthening capabilities in enacting mitigation strategies.	City of Beavercreek	1	2	Greene County EMA, City of Beavercreek Mayor or Administrator	General Operating Budget	12/2025 - 12/2030	New
Severe Summer Weather (Included with Multiple Hazards)								
Severe Winter Weather and Extreme Cold (Included with Multiple Hazards)								
Tornadoes								
10	Seek $2.1 million in funding to install a county-wide tornado warning system complete with battery backup in communities with inadequate coverage, or no tornado siren systems.	City of Beavercreek	2	4	Greene County EMA, City of Beavercreek Mayor or Administrator	Community Development Block Grant (CDBG)	12/2025 - 12/2030	Previous
Wildfire (Included with Multiple Hazards)								

Table 5.2.3: Mitigation Actions Priority Table by Hazard for City of Bellbrook

#	Mitigation Action	Community	Hazard Priority	Action Priority	Lead Agency	Funding Source	Start/End	Status
Dam/Levee Failure								
1	Seek funding for, prioritize and remove and/or relocate at-risk structures or construction of improved or new storm drainage systems or levees to protect at- risk structures.	City of Bellbrook	3	5	Greene County EMA, Greene County Engineer	Hazard Mitigation Grant Program (HMGP)	12/2025 - 12/2030	Previous
Drought & Extreme Heat (Included with Multiple Hazards)								
Earthquakes (Not Included)								
Flooding								
2	Establish a Flood Diversion program for roads in Greene County using the Hyper Reach mass notification system. (Flooding)	City of Bellbrook	5	7	Greene County, City of Bellbrook Mayor or Administrator	United States Army Corps of Engineers (USACE) Flood Control Program	12/2025 - 12/2030	Previous
3	Identify at-risk structures in Special Flood Hazard Area.	City of Bellbrook	5	6	Greene County, City of Bellbrook Mayor or Administrator	Staff Time	12/2025 - 12/2030	Previous
Invasive Species (Included with Multiple Hazards)								
Landslides and Mine Subsidence (Not Included)								
Multiple Hazards								
4	Develop and complete a periodic post- educational campaign surveys to gather citizens' perceptions of the risks associated with natural disasters and the tools and services available to the public to reduce risk (Method to measure the effectiveness of educational campaigns).	City of Bellbrook	1	3	Greene County, City of Bellbrook Mayor or Administrator	Staff Time	12/2025 - 12/2030	Previous
5	Upgrade windows to high impact windows on schools.	City of Bellbrook	1	1	Greene County EMA, City of Bellbrook Mayor or Administrator	Community DEV. Block Grant (CDBG)	12/2025 - 12/2030	Previous
6	Work with all jurisdictions on filling in gaps and strengthening capabilities in enacting mitigation strategies.	City of Bellbrook	1	2	Greene County EMA, City of Bellbrook Mayor or Administrator	Staff Time	12/2025 - 12/2030	New
Severe Summer Weather (Included with Multiple Hazards)								
Severe Winter Weather and Extreme Cold (Included with Multiple Hazards)								

#	Mitigation Action	Community	Hazard Priority	Action Priority	Lead Agency	Funding Source	Start/End	Status
Tornadoes								
7	Seek $2.1 million in funding to install a county-wide tornado warning system complete with battery backup in communities with inadequate coverage, or no tornado siren systems.	City of Bellbrook	2	4	Greene County EMA, City of Bellbrook Mayor or Administrator	Community Development Block Grant (CDBG)	12/2025 - 12/2030	Previous
Wildfire (Not Included)								

Table 5.2.4: Mitigation Actions Priority Table by Hazard for City of Fairborn

#	Mitigation Action	Community	Hazard Priority	Action Priority	Lead Agency	Funding Source	Start/End	Status
Dam/Levee Failure								
1	Ensure all high-hazard potential dams have updated Emergency Action Plans (EAPs) in place.	City of Fairborn	3	9	City of Fairborn Mayor or Administrator	Staff Time	12/2025 - 12/2030	New
2	Obtain or create inundation maps for all dams.	City of Fairborn	3	10	City of Fairborn Mayor or Administrator	Staff Time	12/2025 - 12/2030	New
Drought & Extreme Heat								
3	Develop a drought communication plan and early warning system to facilitate timely communication of relevant information to officials, decision makers, emergency managers, and the general public. Create a database to track those individuals at high risk of death, such as the elderly, homeless, etc.	City of Fairborn	7	51	City of Fairborn Mayor or Administrator	Staff Time	12/2025 - 12/2030	New
Earthquakes								
4	Adopt the International Building Code (IBC) and International Residential Code (IRC).	City of Fairborn	8	52	City of Fairborn Mayor or Administrator	Staff Time	12/2025 - 12/2030	New
Flooding								
5	Adams St/Mitman Park Drainage Construction.	City of Fairborn	4	43	City of Fairborn Mayor or Administrator	United States Army Corps of Engineers (USACE) Flood Control Program	12/2025 - 12/2030	Previous
6	Adams St/Mitman Park Drainage Design.	City of Fairborn	4	44	City of Fairborn Mayor or Administrator	United States Army Corps of Engineers (USACE) Flood Control Program	12/2025 - 12/2030	Previous
7	Colonel Glenn drainage improvements.	City of Fairborn	4	26	City of Fairborn Mayor or Administrator	United States Army Corps of Engineers (USACE) Flood Control Program	12/2025 - 12/2030	Previous
8	Dayton-Yellow Springs drainage improvement – Commerce Center area.	City of Fairborn	4	27	City of Fairborn Mayor or Administrator	Hazard Mitigation Grant Program (HMGP)	12/2025 - 12/2030	Previous

#	Mitigation Action	Community	Hazard Priority	Action Priority	Lead Agency	Funding Source	Start/End	Status
9	Drainage area easement procurements.	City of Fairborn	4	48	City of Fairborn Mayor or Administrator	United States Army Corps of Engineers (USACE) Planning Assistance to States	12/2025 - 12/2030	Previous
10	Enclose Redbank Ditch between Kauffman and Maple Avenue.	City of Fairborn	4	49	City of Fairborn Mayor or Administrator	Hazard Mitigation Grant Program (HMGP)	12/2025 - 12/2030	Previous
11	Ensure all eligible jurisdictions are participating in the NFIP.	City of Fairborn	4	25	City of Fairborn Mayor or Administrator	Staff Time	12/2025 - 12/2030	New
12	Establish a ”green infrastructure” program to link, manage, and expand existing parks, preserves, greenways, etc. Require developers to construct on-site retention basins for excessive stormwater and as a firefighting water source.	City of Fairborn	4	17	City of Fairborn Mayor or Administrator	Capital Improvement Budgets	12/2025 - 12/2030	New
13	Establish a Flood Diversion program for roads in Greene County using the Hyper Reach mass notification system.	City of Fairborn	4	32	City of Fairborn Mayor or Administrator	Hazard Mitigation Grant Program (HMGP)	12/2025 - 12/2030	Previous
14	Fairfield Park drainage improvements.	City of Fairborn	4	45	City of Fairborn Mayor or Administrator	Hazard Mitigation Grant Program (HMGP)	12/2025 - 12/2030	Previous
15	Fairfield Park pervious pavement of parking lots.	City of Fairborn	4	46	City of Fairborn Mayor or Administrator	Hazard Mitigation Grant Program (HMGP)	12/2025 - 12/2030	Previous
16	Hebble Creek creek reprofiling.	City of Fairborn	4	37	City of Fairborn Mayor or Administrator	Hazard Mitigation Grant Program (HMGP)	12/2025 - 12/2030	Previous
17	Hebble Creek Culvert Replacement, Central Ave.	City of Fairborn	4	38	City of Fairborn Mayor or Administrator	Hazard Mitigation Grant Program (HMGP)	12/2025 - 12/2030	Previous
18	Hebble Creek Culvert Replacement, Elm and Dayton Drive.	City of Fairborn	4	28	City of Fairborn Mayor or Administrator	General Operating Budget	12/2025 - 12/2030	Previous

#	Mitigation Action	Community	Hazard Priority	Action Priority	Lead Agency	Funding Source	Start/End	Status
19	Hebble Creek engineering study.	City of Fairborn	4	39	City of Fairborn Mayor or Administrator	General Operating Budget	12/2025 - 12/2030	Previous
20	Hidden Hills detection basin modifications.	City of Fairborn	4	47	City of Fairborn Mayor or Administrator	United States Army Corps of Engineers (USACE) Flood Control Program	12/2025 - 12/2030	Previous
21	Highview Drive storm sewer design and construction.	City of Fairborn	4	18	City of Fairborn Mayor or Administrator	United States Army Corps of Engineers (USACE) Flood Control Program	12/2025 - 12/2030	Previous
22	Identify at-risk structures in Special Flood Hazard Area.	City of Fairborn	4	31	City of Fairborn Mayor or Administrator	General Operating Budget	12/2025 - 12/2030	Previous
23	Ironwood Drive storm sewer design & construction.	City of Fairborn	4	40	City of Fairborn Mayor or Administrator	General Operating Budget	12/2025 - 12/2030	Previous
24	Kauffman Avenue drainage improvements.	City of Fairborn	4	33	City of Fairborn Mayor or Administrator	General Operating Budget	12/2025 - 12/2030	Previous
25	Langview/Royal Oaks storm sewer design & construction.	City of Fairborn	4	19	City of Fairborn Mayor or Administrator	Capital Improvement Budgets	12/2025 - 12/2030	Previous
26	Lincoln Drive storm sewer improvements construction.	City of Fairborn	4	41	City of Fairborn Mayor or Administrator	General Operating Budget	12/2025 - 12/2030	Previous
27	Mark Lane ditch renovation.	City of Fairborn	4	34	City of Fairborn Mayor or Administrator	Capital Improvement Budgets	12/2025 - 12/2030	Previous
28	Pleasant View Drainage, Phase I Construction – Redbank Parallel Trunk Sewer.	City of Fairborn	4	20	City of Fairborn Mayor or Administrator	General Operating Budget	12/2025 - 12/2030	Previous
29	Pleasant View Drainage, Phase II Construction – Dellwood Drive Sewer	City of Fairborn	4	21	City of Fairborn Mayor or Administrator	Capital Improvement Budgets	12/2025 - 12/2030	Previous
30	Pleasant View Drainage, Phase II Design – Dellwood Drive Sewer.	City of Fairborn	4	11	City of Fairborn Mayor or Administrator	General Operating Budget	12/2025 - 12/2030	Previous
31	Pleasant View Drainage, Phase III Construction – Florence Avenue Sewer.	City of Fairborn	4	22	City of Fairborn Mayor or Administrator	General Operating Budget	12/2025 - 12/2030	Previous
32	Pleasant View Drainage, Phase III Design – Florence Avenue Sewer.	City of Fairborn	4	12	City of Fairborn Mayor or Administrator	General Operating Budget	12/2025 - 12/2030	Previous

#	Mitigation Action	Community	Hazard Priority	Action Priority	Lead Agency	Funding Source	Start/End	Status
33	Pleasant View Drainage, Phase IV Design & Construction – Pat Lane & NE Sewer.	City of Fairborn	4	13	City of Fairborn Mayor or Administrator	General Operating Budget	12/2025 - 12/2030	Previous
34	Redbank Ditch retaining wall replacement.	City of Fairborn	4	14	City of Fairborn Mayor or Administrator	General Operating Budget	12/2025 - 12/2030	Previous
35	Redstone Drive storm sewer design & construction.	City of Fairborn	4	42	City of Fairborn Mayor or Administrator	General Operating Budget	12/2025 - 12/2030	Previous
36	Seek funding for the acquisition, elevation, or retrofit of structures with repetitive loss flood insurance claims through voluntary (owner) mitigation actions.	City of Fairborn	4	29	City of Fairborn Mayor or Administrator	Hazard Mitigation Grant Program (HMGP)	12/2025 - 12/2030	Previous
37	Seek funding for, prioritize and remove and/or relocate at-risk structures or construction of improved or new storm drainage systems or levees to protect at- risk structures.	City of Fairborn	4	36	Greene County EMA, City of Fairborn Mayor or Administrator	Hazard Mitigation Grant Program (HMGP)	12/2025 - 12/2030	Previous
38	Stormwater master plan.	City of Fairborn	4	16	City of Fairborn Mayor or Administrator	Community Dev. Block Grant (CDBG)	12/2025 - 12/2030	Previous
39	Upper Orville Street Storm Improvements Design & Construction.	City of Fairborn	4	35	City of Fairborn Mayor or Administrator	Community Dev. Block Grant (CDBG)	12/2025 - 12/2030	Previous
40	Wrightview Park plat storm sewer.	City of Fairborn	4	30	City of Fairborn Mayor or Administrator	United States Army Corps of Engineers (USACE) Planning Assistance to States	12/2025 - 12/2030	Previous
Invasive Species								
41	Coordinate with local experts, such as colleges, and/or State officials to create an invasive species mitigation plan. Identify all invasive species that are currently impacting the county and neighboring counties.	City of Fairborn	9	53	City of Fairborn Mayor or Administrator	Staff Time	12/2025 - 12/2030	New

#	Mitigation Action	Community	Hazard Priority	Action Priority	Lead Agency	Funding Source	Start/End	Status
Landslides, Mine Subsidence, and Erosion								
42	Define steep slope/high risk areas in land use and comprehensive plans and create guidelines or restrict new development in those areas. Prohibit development in areas that have been identified as at-risk to subsidence.	City of Fairborn	11	55	City of Fairborn Mayor or Administrator	Staff Time	12/2025 - 12/2030	New
Multiple Hazards								
43	Beaver control measures.	City of Fairborn	1	4	City of Fairborn Mayor or Administrator	United States Army Corps of Engineers (USACE) Flood Control Program	12/2025 - 12/2030	Previous
44	Chapel Drive at Sycamore Drainage Materials.	City of Fairborn	1	5	City of Fairborn Mayor or Administrator	Staff Time	12/2025 - 12/2030	Previous
45	Develop and complete a periodic post- educational campaign surveys to gather citizens' perceptions of the risks associated with natural disasters and the tools and services available to the public to reduce risk (Method to measure the effectiveness of educational campaigns). (Multiple Hazards)	City of Fairborn	1	2	City of Fairborn Mayor or Administrator	United States Army Corps of Engineers (USACE) Flood Control Program	12/2025 - 12/2030	Previous
46	Upgrade windows to high impact windows on schools. (Terrorism)	City of Fairborn	1	1	City of Fairborn Mayor or Administrator	United States Army Corps of Engineers (USACE) Planning Assistance to States	12/2025 - 12/2030	Previous
47	Work with all jurisdictions on filling in gaps and strengthening capabilities in enacting mitigation strategies.	City of Fairborn	1	3	City of Fairborn Mayor or Administrator	Staff Time	12/2025 - 12/2030	New
Severe Summer Weather								
48	Continue social media updates and information sharing.	City of Fairborn	10	54	City of Fairborn Mayor or Administrator	Staff Time	12/2025 - 12/2030	New
Severe Winter Weather and Extreme Cold								
49	Adopt the International Building Code (IBC) and International Residential Code (IRC). Ensure city salt supply and equipment is adequately maintained.	City of Fairborn	5	50	City of Fairborn Mayor or Administrator	Staff Time	12/2025 - 12/2030	New

#	Mitigation Action	Community	Hazard Priority	Action Priority	Lead Agency	Funding Source	Start/End	Status
Tornadoes								
50	Circle Drive storm drainage improvements.	City of Fairborn	2	8	City of Fairborn Mayor or Administrator	United States Army Corps of Engineers (USACE) Flood Control Program	12/2025 - 12/2030	Previous
51	Conduct tornado drills in schools and conduct monthly tornado siren testing.	City of Fairborn	2	6	City of Fairborn Mayor or Administrator	Staff Time	12/2025 - 12/2030	New
52	Seek $2.1 million in funding to install a county-wide tornado warning system complete with battery backup in communities with inadequate coverage, or no tornado siren systems. (Tornado)	City of Fairborn	2	7	City of Fairborn Mayor or Administrator	United States Army Corps of Engineers (USACE) Planning Assistance to States	12/2025 - 12/2030	Previous
53	Supply of an emergency response trailer including chainsaws, traffic safety signage, and proper PPE.	Greene County, Cedarville Township, Spring Valley Township	2	24	Greene County Sanitary Engineer	Hazard Mitigation Grant Program (HMGP)	08/2025-08/2028	Previous
54	Test the effectiveness of tornado sirens.	Greene County, Cedarville Township, Spring Valley Township	2	15	Greene County EMA	Staff Time	08/2025-08/2029	Previous
55	Tornado safe rooms for Kitridge Road, Spangler Road and Spring Valley and State Route 725 Trailer Parks.	Greene County, Cedarville Township, Spring Valley Township	2	23	Greene County EMA	Community Development Block Grant (CDBG)	12/2025 - 12/2030	Previous
Wildfire								
56	Develop and distribute information about risks associated with wildfires.	Greene County, Cedarville Township, Spring Valley Township	11	56	Greene County EMA	Staff Time	08/2025-08/2032	Previous

Table 5.2.5: Mitigation Actions Priority Table by Hazard for City of Xenia

#	Mitigation Action	Community	Hazard Priority	Action Priority	Lead Agency	Funding Source	Start/End	Status
Dam/Levee Failure								
1	Ensure all high-hazard potential dams have updated Emergency Action Plans (EAPs) in place.	City of Xenia	3	9	City of Xenia Mayor or Administrator	Staff Time	12/2025 - 12/2030	New
2	Obtain or create inundation maps for all dams.	City of Xenia	3	8	City of Xenia Mayor or Administrator	Staff Time	12/2025 - 12/2030	New
3	Seek funding for, prioritize and remove and/or relocate at-risk structures or construction of improved or new storm drainage systems or levees to protect at- risk structures.	City of Xenia	3	7	Greene County EMA, City of Xenia Mayor or Administrator	Hazard Mitigation Grant Program (HMGP)	12/2025 - 12/2030	Previous
Drought & Extreme Heat (Included with Multiple Hazards)								
Earthquakes (Included with Multiple Hazards)								
Flooding								
4	Ensure all eligible jurisdictions are participating in the NFIP.	City of Xenia	4	13	City of Xenia Mayor or Administrator	Staff Time	12/2025 - 12/2030	New
5	Establish a Flood Diversion program for roads in Greene County using the Hyper Reach mass notification system.	City of Xenia	4	10	City of Xenia Mayor or Administrator	United States Army Corps of Engineers (USACE) Flood Control Program	12/2025 - 12/2030	Previous
6	Identify at-risk structures in Special Flood Hazard Area.	City of Xenia	4	11	City of Xenia Mayor or Administrator	General Operating Budget	12/2025 - 12/2030	Previous
7	Sycamore Street property acquisitions (3 structures and 5 parcels of land that are prone to flooding).	City of Xenia	4	12	City of Xenia Mayor or Administrator	United States Army Corps of Engineers (USACE) Flood Control Program	12/2025 - 12/2030	Previous
Invasive Species (Included with Multiple Hazards)								
Landslides, Mine Subsidence, and Erosion (Included with Multiple Hazards)								

#	Mitigation Action	Community	Hazard Priority	Action Priority	Lead Agency	Funding Source	Start/End	Status
Multiple Hazards								
8	Develop and complete a periodic post- educational campaign surveys to gather citizens' perceptions of the risks associated with natural disasters and the tools and services available to the public to reduce risk (Method to measure the effectiveness of educational campaigns).	City of Xenia	1	4	City of Xenia Mayor or Administrator	Staff Time	12/2025 - 12/2030	Previous
9	Seek funding for the acquisition, elevation, or retrofit of structures with repetitive loss flood insurance claims through voluntary (owner) mitigation actions.	City of Xenia	1	3	City of Xenia Mayor or Administrator	United States Army Corps of Engineers (USACE) Flood Control Program	12/2025 - 12/2030	Previous
10	Support tree-trimming to prevent limb breakage and safeguard nearby utility lines during severe storm events.	City of Xenia	1	1	City of Xenia Mayor or Administrator	General Operating Budget	12/2025 - 12/2030	Previous
11	Upgrade windows to high impact windows on schools.	City of Xenia	1	2	City of Xenia Mayor or Administrator	Hazard Mitigation Grant Program (HMGP)	12/2025 - 12/2030	Previous
12	Work with all jurisdictions on filling in gaps and strengthening capabilities in enacting mitigation strategies.	City of Xenia	1	5	City of Xenia Mayor or Administrator	Staff Time	12/2025 - 12/2030	New
Severe Summer Weather (Included with Multiple Hazards)								
Severe Winter Weather and Extreme Cold (Included with Multiple Hazards)								
Tornadoes								
13	Seek $2.1 million in funding to install a county-wide tornado warning system complete with battery backup in communities with inadequate coverage, or no tornado siren systems.	City of Xenia	2	6	City of Xenia Mayor or Administrator	Hazard Mitigation Grant Program (HMGP)	12/2025 - 12/2030	Previous
Wildfire (Included with Multiple Hazards)								

Table 5.2.6: Mitigation Actions Priority Table by Hazard for Village of Bowersville

#	Mitigation Action	Community	Hazard Priority	Action Priority	Lead Agency	Funding Source	Start/End	Status
Dam/Levee Failure (Do Not Include)								
Drought & Extreme Heat (Included with Multiple Hazards)								
Earthquakes (Included with Multiple Hazards)								
Flooding								
1	Ensure all eligible jurisdictions are participating in the NFIP.	Village of Bowersville	6	4	Village of Bowersville Mayor or Administrator	Staff Time	12/2025 - 12/2030	New
Invasive Species (Included with Multiple Hazards)								
Landslides, Mine Subsidence, and Erosion (Included with Multiple Hazards)								
Multiple Hazards								
2	Work with all jurisdictions on filling in gaps and strengthening capabilities in enacting mitigation strategies.	Village of Bowersville	1	1	Village of Bowersville Mayor or Administrator	Staff Time	12/2025 - 12/2030	New
Severe Summer Weather (Included with Multiple Hazards)								
Severe Winter Weather and Extreme Cold (Included with Multiple Hazards)								
Tornadoes								
3	Install a tornado siren in the center of town on the corner of Maysville St. and Hussey Rd. (Tornado)	Village of Bowersville	5	2	Greene County EMA, Village of Bowersville Mayor or Administrator	Hazard Mitigation Grant Program (HMGP)	12/2025 - 12/2030	Previous
4	Seek $2.1 million in funding to install a county-wide tornado warning system complete with battery backup in communities with inadequate coverage, or no tornado siren systems. (Tornado)	Village of Bowersville	5	3	Village of Bowersville Mayor or Administrator	Emergency Mgmt. Performance Grant (EMPG) Special Project Grants	12/2025 - 12/2030	Previous
Wildfire (Included with Multiple Hazards)								

Table 5.2.7: Mitigation Actions Priority Table by Hazard for Village of Cedarville

#	Mitigation Action	Community	Hazard Priority	Action Priority	Lead Agency	Funding Source	Start/End	Status
Dam/Levee Failure								
1	Ensure all high-hazard potential dams have updated Emergency Action Plans (EAPs) in place.	Village of Cedarville	7	5	Village of Cedarville Mayor or Administrator	Staff Time	12/2025 - 12/2030	New
2	Obtain or create inundation maps for all dams.	Village of Cedarville	7	6	Village of Cedarville Mayor or Administrator	Staff Time	12/2025 - 12/2030	New
3	Push in the old water retention reservoir that is no longer in use. It is a breeding area for rodents and mosquitoes and a drowning risk for area youth.	Village of Cedarville	7	4	Greene County EMA, Village of Cedarville Mayor or Administrator	United States Army Corps of Engineers (USACE) Flood Control Program	12/2025 - 12/2030	Previous
Drought & Extreme Heat (Included with Multiple Hazards)								
Earthquakes (Do Not Include)								
Flooding								
4	Ensure all eligible jurisdictions are participating in the NFIP.	Village of Cedarville	5	3	Village of Cedarville Mayor or Administrator	Staff Time	12/2025 - 12/2030	New
Invasive Species (Included with Multiple Hazards)								
Landslides, Mine Subsidence, and Erosion (Included with Multiple Hazards)								
Multiple Hazards								
5	Work with all jurisdictions on filling in gaps and strengthening capabilities in enacting mitigation strategies.	Village of Cedarville	1	1	Village of Cedarville Mayor or Administrator	Staff Time	12/2025 - 12/2030	New
Severe Summer Weather (Included with Multiple Hazards)								
Severe Winter Weather and Extreme Cold (Included with Multiple Hazards)								
Tornadoes								
6	Village administrative building that can double as shelter from tornadoes for community members and a command center for disasters and other emergencies that occur in the Village or the eastern half of Greene County.	Village of Cedarville	3	2	Village of Cedarville Mayor or Administrator	Hazard Mitigation Grant Program (HMGP)	12/2025 - 12/2030	Previous
Wildfire (Included with Multiple Hazards)								

Table 5.2.8: Mitigation Actions Priority Table by Hazard for Village of Clifton

#	Mitigation Action	Community	Hazard Priority	Action Priority	Lead Agency	Funding Source	Start/End	Status
Dam/Levee Failure								
1	Ensure all high-hazard potential dams have updated Emergency Action Plans (EAPs) in place.	Village of Clifton	8	19	Greene County Engineer, Village of Clifton Mayor or Administrator	Staff Time	12/2025 - 12/2030	New
2	Obtain or create inundation maps for all dams.	Village of Clifton	8	20	Village of Clifton Mayor or Administrator	Staff Time	12/2025 - 12/2030	New
Drought & Extreme Heat								
3	Develop and distribute information about risks associated with drought.	Village of Clifton	6	17	Greene County EMA, Village of Clifton Mayor or Administrator	Hazard Mitigation Grant Program (HMGP)	12/2025 - 12/2030	Previous
4	Provide water and shade at all public outdoor events during extreme heat.	Village of Clifton	6	16	Village of Clifton Mayor or Administrator	United States Army Corps of Engineers (USACE) Flood Control Program	12/2025 - 12/2030	Previous
Earthquakes								
5	Require compliance and enforcement of existing building codes.	Village of Clifton	10	21	Village of Clifton Mayor or Administrator	United States Army Corps of Engineers (USACE) Flood Control Program	12/2025 - 12/2030	Previous
Flooding								
6	Ensure all eligible jurisdictions are participating in the NFIP.	Village of Clifton	2	7	Greene County EMA, Village of Clifton Mayor or Administrator	Staff Time	12/2025 - 12/2030	New
7	Improve the storm water drainage system throughout the village to alleviate flooding or properties and the public right of way.	Village of Clifton	2	8	Greene County Engineer, Village of Clifton Mayor or Administrator	United States Army Corps of Engineers (USACE) Flood Control Program	12/2025 - 12/2030	New
8	Test the effectiveness of tornado sirens.	Village of Clifton	2	6	Village of Clifton Mayor or Administrator	Hazard Mitigation Grant Program (HMGP)	12/2025 - 12/2030	Previous
Invasive Species (Included with Multiple Hazards)								

#	Mitigation Action	Community	Hazard Priority	Action Priority	Lead Agency	Funding Source	Start/End	Status
Landslides, Mine Subsidence, and Erosion (Included with Multiple Hazards)								
Multiple Hazards								
9	Develop and distribute information about risks associated with the identified natural disasters affecting the County	Village of Clifton	1	3	Village of Clifton Mayor or Administrator	United States Army Corps of Engineers (USACE) Flood Control Program	12/2025 - 12/2030	Previous
10	Educate the public, businesses and residents, of the importance of creating hazard contingency plans (May be included in materials about natural hazard risk)	Village of Clifton	1	1	Village of Clifton Mayor or Administrator	United States Army Corps of Engineers (USACE) Flood Control Program	12/2025 - 12/2030	Previous
11	Encourage the cooperation of neighbors to include but not limited to: Contingency plans for the evacuation and care of neighboring families and pets and communication among the neighbors in the event of a natural hazard.; Contingency plans for checking- in on the shut-in and frail elderly neighbors.	Village of Clifton	1	5	Village of Clifton Mayor or Administrator	Staff Time	12/2025 - 12/2030	Previous
12	Launch educational campaigns through public/government cable channels and newsletters, websites, street festivals, libraries, school functions, etc.	Village of Clifton	1	2	Village of Clifton Mayor or Administrator	Hazard Mitigation Grant Program (HMGP)	12/2025 - 12/2030	Previous
13	Work with all jurisdictions on filling in gaps and strengthening capabilities in enacting mitigation strategies.	Village of Clifton	1	4	Village of Clifton Mayor or Administrator	Staff Time	12/2025 - 12/2030	New
Severe Summer Weather								
14	Develop and distribute information/education on weather-related-preparedness tools and resources, i.e. sources to purchase such material, etc.	Village of Clifton	3	12	Village of Clifton Mayor or Administrator	United States Army Corps of Engineers (USACE) Flood Control Program	12/2025 - 12/2030	Previous
15	Develop and launch awareness/educational campaigns to increase knowledge of weather alert methods (alert radios, e-mail, cell phones, etc.).	Village of Clifton	3	10	Village of Clifton Mayor or Administrator	Hazard Mitigation Grant Program (HMGP)	12/2025 - 12/2030	Previous

#	Mitigation Action	Community	Hazard Priority	Action Priority	Lead Agency	Funding Source	Start/End	Status
16	Educate the public on the importance of properly trimming and maintaining the trees on their property (may be included in materials about natural hazard risk).	Village of Clifton	3	14	Village of Clifton Mayor or Administrator	United States Army Corps of Engineers (USACE) Planning Assistance to States	12/2025 - 12/2030	Previous
17	Encourage utility companies to hire tree trimming contractors who are capable of a more citizen friendly trimming service	Village of Clifton	3	9	Village of Clifton Mayor or Administrator	Hazard Mitigation Grant Program (HMGP)	12/2025 - 12/2030	Previous
18	Replace utility poles that have been identified as needed replaced.	Village of Clifton	3	13	Greene County Engineer, Village of Clifton Mayor or Administrator	Hazard Mitigation Grant Program (HMGP)	12/2025 - 12/2030	New
19	Supply equipment to manage storm debris.	Village of Clifton	3	11	Village of Clifton Mayor or Administrator	Hazard Mitigation Grant Program (HMGP)	12/2025 - 12/2030	Previous
Severe Winter Weather and Extreme Cold (Included with Multiple Hazards)								
Tornadoes								
20	Install a tornado warning system.	Village of Clifton	5	15	Village of Clifton Mayor or Administrator	Hazard Mitigation Grant Program (HMGP)	12/2025 - 12/2030	Previous
Wildfire								
21	Develop and distribute information about risks associated with wildfires.	Village of Clifton	7	18	Village of Clifton Mayor or Administrator	Hazard Mitigation Grant Program (HMGP)	12/2025 - 12/2030	Previous

Table 5.2.9: Mitigation Actions Priority Table by Hazard for Village of Jamestown

#	Mitigation Action	Community	Hazard Priority	Action Priority	Lead Agency	Funding Source	Start/End	Status
Dam/Levee Failure								
1	Ensure all high-hazard potential dams have updated Emergency Action Plans (EAPs) in place.	Village of Jamestown	9	10	Village of Jamestown Mayor or Administrator	Staff Time	12/2025 - 12/2030	New
2	Obtain or create inundation maps for all dams.	Village of Jamestown	9	11	Village of Jamestown Mayor or Administrator	Staff Time	12/2025 - 12/2030	New
3	Seek funding for, prioritize and remove and/or relocate at-risk structures or construction of improved or new storm drainage systems or levees to protect at- risk structures.	Village of Jamestown	9	12	Village of Jamestown Mayor or Administrator	United States Army Corps of Engineers (USACE) Flood Control Program	12/2025 - 12/2030	Previous
Drought & Extreme Heat								
4	Seek funding for new storm drainage systems or levees to protect at-risk structures.	Village of Jamestown	5	6	Greene County EMA, Village of Jamestown Mayor or Administrator	Hazard Mitigation Grant Program (HMGP)	12/2025 - 12/2030	Previous
Earthquakes (Included with Multiple Hazards)								
Flooding (Included with Multiple Hazards)								
5	Ensure all eligible jurisdictions are participating in the NFIP.	Village of Jamestown	7	7	Village of Jamestown Mayor or Administrator	Staff Time	12/2025 - 12/2030	New
6	Establish a Flood Diversion program for roads in Greene County using the Hyper Reach mass notification system.	Village of Jamestown	7	8	Village of Jamestown Mayor or Administrator	United States Army Corps of Engineers (USACE) Flood Control Program	12/2025 - 12/2030	Previous
7	Identify at-risk structures in Special Flood Hazard Area.	Village of Jamestown	7	9	Village of Jamestown Mayor or Administrator	United States Army Corps of Engineers (USACE) Flood Control Program	12/2025 - 12/2030	Previous
Invasive Species (Included with Multiple Hazards)								
Landslides, Mine Subsidence, and Erosion (Included with Multiple Hazards)								

#	Mitigation Action	Community	Hazard Priority	Action Priority	Lead Agency	Funding Source	Start/End	Status
Multiple Hazards								
8	Develop and complete a periodic post- educational campaign surveys to gather citizens' perceptions of the risks associated with natural disasters and the tools and services available to the public to reduce risk (Method to measure the effectiveness of educational campaigns).	Village of Jamestown	1	3	Greene County EMA, Village of Jamestown Mayor or Administrator	Staff Time	12/2025 - 12/2030	Previous
9	Upgrade windows to high impact windows on schools.	Village of Jamestown	1	2	Village of Jamestown Mayor or Administrator	United States Army Corps of Engineers (USACE) Flood Control Program	12/2025 - 12/2030	Previous
10	Work with all jurisdictions on filling in gaps and strengthening capabilities in enacting mitigation strategies.	Village of Jamestown	1	1	Village of Jamestown Mayor or Administrator	Staff Time	12/2025 - 12/2030	New
Severe Summer Weather (Included with Multiple Hazards)								
Severe Winter Weather and Extreme Cold (Included with Multiple Hazards)								
Tornadoes								
11	In the event a county-wide warning siren system cannot be achieved, the following jurisdictions have requested funding to replace existing equipment or install new equipment: Jamestown.	Village of Jamestown	2	5	Village of Jamestown Mayor or Administrator	United States Army Corps of Engineers (USACE) Flood Control Program	12/2025 - 12/2030	Previous
12	Seek $2.1 million in funding to install a county-wide tornado warning system complete with battery backup in communities with inadequate coverage, or no tornado siren systems.	Village of Jamestown	2	4	Village of Jamestown Mayor or Administrator	Hazard Mitigation Grant Program (HMGP)	12/2025 - 12/2030	Previous
Wildfire (Included with Multiple Hazards)								

Table 5.2.10: Mitigation Actions Priority Table by Hazard for Village of Spring Valley

#	Mitigation Action	Community	Hazard Priority	Action Priority	Lead Agency	Funding Source	Start/End	Status
Dam/Levee Failure								
1	Ensure all high-hazard potential dams have updated Emergency Action Plans (EAPs) in place.	Village of Spring Valley	7	8	City of Spring Valley Mayor or Administrator	Staff Time	12/2025 - 12/2030	New
2	Obtain or create inundation maps for all dams.	Village of Spring Valley	7	9	Village of Spring Valley Mayor or Administrator	Staff Time	12/2025 - 12/2030	New
3	Seek funding for, prioritize and remove and/or relocate at-risk structures or construction of improved or new storm drainage systems or levees to protect at- risk structures.	Village of Spring Valley	7	10	Greene County EMA, Village of Spring Valley Mayor or Administrator	Hazard Mitigation Grant Program (HMGP)	12/2025 - 12/2030	Previous
Drought & Extreme Heat (Included with Multiple Hazards)								
Earthquakes (Included with Multiple Hazards)								
Flooding (Included with Multiple Hazards)								
4	Ensure all eligible jurisdictions are participating in the NFIP.	Village of Spring Valley	2	4	Village of Spring Valley Mayor or Administrator	Staff Time	12/2025 - 12/2030	New
5	Establish a Flood Diversion program for roads in Greene County using the Hyper Reach mass notification system.	Village of Spring Valley	2	5	Village of Spring Valley Mayor or Administrator	United States Army Corps of Engineers (USACE) Flood Control Program	12/2025 - 12/2030	Previous
6	Purchase a second pump for the stormwater system.	Village of Spring Valley	2	3	Village of Spring Valley Mayor or Administrator	United States Army Corps of Engineers (USACE) Flood Control Program	12/2025 - 12/2030	Previous
Invasive Species (Included with Multiple Hazards)								
Landslides, Mine Subsidence, and Erosion (Included with Multiple Hazards)								
Multiple Hazards								
7	Develop and complete a periodic post- educational campaign surveys to gather citizens' perceptions of the risks associated with natural disasters and the tools and services available to the public to reduce risk (Method to measure the effectiveness of educational campaigns).	Village of Spring Valley	1	2	Village of Spring Valley Mayor or Administrator	Staff Time	12/2025 - 12/2030	Previous

#	Mitigation Action	Community	Hazard Priority	Action Priority	Lead Agency	Funding Source	Start/End	Status
8	Work with all jurisdictions on filling in gaps and strengthening capabilities in enacting mitigation strategies.	Village of Spring Valley	1	1	Village of Spring Valley Mayor or Administrator	Staff Time	12/2025 - 12/2030	New
Severe Summer Weather								
9	Purchase a generator.	Village of Spring Valley	5	7	Village of Spring Valley Mayor or Administrator	General Operating Budget	12/2025 - 12/2030	Previous
Severe Winter Weather and Extreme Cold (Included with Multiple Hazards)								
Tornadoes								
10	Seek $2.1 million in funding to install a county-wide tornado warning system complete with battery backup in communities with inadequate coverage, or no tornado siren systems.	Village of Spring Valley	3	6	Village of Spring Valley Mayor or Administrator	Hazard Mitigation Grant Program (HMGP)	12/2025 - 12/2030	Previous
Wildfire (Included with Multiple Hazards)								

Table 5.2.11: Mitigation Actions Priority Table by Hazard for Village of Yellow Springs

#	Mitigation Action	Community	Hazard Priority	Action Priority	Lead Agency	Funding Source	Start/End	Status
Dam/Levee Failure								
1	Ensure all high-hazard potential dams have updated Emergency Action Plans (EAPs) in place.	Village of Yellow Springs	9	10	Village of Yellow Springs Mayor or Administrator	Staff Time	12/2025 - 12/2030	New
2	Obtain or create inundation maps for all dams.	Village of Yellow Springs	9	11	Village of Yellow Springs Mayor or Administrator	Staff Time	12/2025 - 12/2030	New
3	Seek funding for, prioritize and remove and/or relocate at-risk structures or construction of improved or new storm drainage systems or levees to protect at- risk structures.	Village of Yellow Springs	9	12	Greene County EMA, Village of Yellow Springs Mayor or Administrator	Hazard Mitigation Grant Program (HMGP)	12/2025 - 12/2030	Previous
Drought & Extreme Heat (Included with Multiple Hazards)								
Earthquakes (Not Included)								
Flooding								
4	Ensure all eligible jurisdictions are participating in the NFIP.	Village of Yellow Springs	2	5	Village of Yellow Springs Mayor or Administrator	Staff Time	12/2025 - 12/2030	New
5	Establish a Flood Diversion program for roads in Greene County using the Hyper Reach mass notification system.	Village of Yellow Springs	2	6	Village of Yellow Springs Mayor or Administrator	United States Army Corps of Engineers (USACE) Flood Control Program	12/2025 - 12/2030	Previous
6	Identify at-risk structures in Special Flood Hazard Area.	Village of Yellow Springs	2	8	Village of Yellow Springs Mayor or Administrator	General Operating Budget	12/2025 - 12/2030	Previous
7	Update stormwater systems and reline sewer system.	Village of Yellow Springs	2	7	Village of Yellow Springs Mayor or Administrator	United States Army Corps of Engineers (USACE) Flood Control Program	12/2025 - 12/2030	Previous
Invasive Species (Included with Multiple Hazards)								
Landslides, Mine Subsidence, and Erosion (Not Included)								
Multiple Hazards								
8	Develop a program providing assistance for the disparate population.	Village of Yellow Springs	1	2	Village of Yellow Springs Mayor or Administrator	General Operating Budget	12/2025 - 12/2030	Previous
9	Monitoring wells for the source water contamination.	Village of Yellow Springs	1	3	Village of Yellow Springs Mayor or Administrator	General Operating Budget	12/2025 - 12/2030	Previous

#	Mitigation Action	Community	Hazard Priority	Action Priority	Lead Agency	Funding Source	Start/End	Status
10	Purchase and install a security camera system.	Village of Yellow Springs	1	1	Village of Yellow Springs Mayor or Administrator	General Operating Budget	12/2025 - 12/2030	Previous
11	Work with all jurisdictions on filling in gaps and strengthening capabilities in enacting mitigation strategies.	Village of Yellow Springs	1	4	Village of Yellow Springs Mayor or Administrator	Staff Time	12/2025 - 12/2030	New
Severe Summer Weather								
12	Install underground power lines.	Village of Yellow Springs	3	9	Village of Yellow Springs Mayor or Administrator	Hazard Mitigation Grant Program (HMGP)	12/2025 - 12/2030	Previous
Severe Winter Weather and Extreme Cold (Included with Multiple Hazards)								
Tornadoes (Included with Multiple Hazards)								
Wildfire (Included with Multiple Hazards)								

6| Schedule & Maintenance

6.1 Participation Overview

The Greene County Hazard Mitigation Plan will be adopted by all participating jurisdictions in Greene County. After the participating jurisdictions have adopted the plan, their signed resolutions or ordinances will be added to the plan in **Appendix G**.

6.2 Continued Public Involvement

Because local government plays a key role in the execution and implementation of mitigation strategies, each community will be responsible for understanding which items they are accountable for implementing. Annually, jurisdictions and responsible agencies should meet to provide a status update for each mitigation action that is under their purview, record and report on any major climate events, and report on any other related issues. This meeting will allow the jurisdictions and responsible parties to assess the implementation and effectiveness of the Hazard Mitigation Plan. This meeting should coincide with the budget process so that future funding sources can be determined and set aside for actions slated for that particular year. This meeting should also be available to the public. Additionally, each jurisdiction and the County will review and consider the Hazard Mitigation Plan during other planning processes, such as development of comprehensive plans or capital improvement plans and incorporate appropriate goals and mitigation actions into such documents.

The public will continue to provide feedback on the Plan, as the Plan will be available through the Greene County Emergency Management Agency and Ohio Emergency Management Agency websites. Greene County will provide access to the Plan to all county, municipal, and township offices, and will make the Plan available in hardcopy and electronic format to the public as appropriate. The Greene County EMA Director will post notices of any meetings for updating and evaluating the Plan, using the usual methods for posting meeting announcements in the County to invite the public to participate. All meetings will be open to the public. Greene County will publicly announce the mitigation action items that are slated for development in the current year, as well as any updates to the Plan as part of the annual review process.

6.3 Previous Integration Efforts

Local governments and public entities, such as hospitals and universities, play a major role in enforcing and implementing mitigation strategies because their daily operations guide the development of the communities in Greene County. The 2020 Hazard Mitigation Plan has been incorporated into Greene County's Capital Improvement Plan as they plan where to build new buildings that are less likely to experience hazards such as flooding. The previous plan has also been considered in how the building codes in Greene County are written and administered. Greene County's Stormwater Management Plan integrated the previous plan by planning improvements and upgrades to the County's stormwater system and mitigation. In addition, the previous plan was incorporated into the County's Continuity of Operations Plans so the County is better able to maintain business operations after disasters.

6.4 Future Integration Efforts

Greene County and its participating jurisdictions will make a concerted effort to integrate the Hazard Mitigation Plan and its mitigation actions into plans and regulations, such as comprehensive plans, capital improvement plans, zoning codes and subdivision regulations, parks and open space plans, active shooter plans, and emergency operations plans. Every jurisdiction in Greene County has a planning commission or a zoning board that deals with development and growth issues in their jurisdiction, referencing regulations, development plans, and mitigation strategies as they make decisions. Some jurisdictions are small and have limited full-time staff, so the County as an organization provides strong leadership and oversight of economic development, community development, and land use planning. Many local officials wear numerous hats as they guide, direct,

and facilitate local growth and development through regulation. Mitigation efforts are considered simultaneously with building code enforcement, zoning regulations, and land use rules at the County level. There is significant overlap between County officials when it comes to growth and development, including plan approval, issuance of permits, and occupancy approval responsibilities.

The Greene County Emergency Operations Plan (EOP) should facilitate integration of mitigation actions into response and recovery activities where appropriate. Key staff responsible for administering and updating the EOP should coordinate with the Core Planning Committee to identify integration areas. The jurisdictions with floodplain regulations (Greene County and all jurisdictions), this Plan includes an action to "develop a floodplain management plan and update it regularly" so as floodplain regulations are reviewed and updated, the local floodplain coordinator(s) should continue to participate in the National Flood Insurance Program and should keep their maps updated. The Core Planning Committee should also engage the local floodplain coordinators and include them in their annual meetings for coordination and support to ensure this goal is being met. For the zoning and land use regulations, this plan can be integrated in several ways. When zoning and/or land use regulations are reviewed and updated, areas in the base flood zone or in dam inundation areas should be designated for limited to no development; and for landslides and land subsidence, land bordering waterways should either be left free of development or be reinforced to resist erosion. The Core Planning Committee should also engage the staff involved in administering and updating zoning codes and land use regulations and include them in their annual meetings for coordination, support, and assistance in integrating these recommendations from the plan.

Greene County also has a Floodplain Manager who works with the Greene County Engineer to help plan, approve, modify, and regulate new facilities, subdivisions, and neighborhoods not only in the context of building codes, but also with consideration for flood risk. They also collaborate to ensure that new structures are not placed within flood risk zones without taking compensatory measures, like elevation, as early as the site development stage of construction. The Greene County Engineer and Floodplain Manager works with the Greene County Auditor to manage the floodplain mapping and parcel identification and documentation by developing and maintaining GIS mapping. The Greene County Engineer also ensures that mitigation actions, like elevation, are properly included in the submitted building and occupancy permits during the approval process. The Greene County Engineer is also responsible for County ditch maintenance, which ties the County Engineer's office to the Greene County Soil & Water Conservation District, as well as the Farm Service Agency director, as agricultural drainage concerns are shared and resolved. These officials work with the Floodplain Manager to check and evaluate the floodplain maps as introduced by FEMA to ensure accuracy through the map adoption process.

In addition, Greene County EMA, and the Core Planning Committee, consisting of leadership from participating jurisdictions, will work with the top-elected officials and authorities within their jurisdictions to integrate the hazard mitigation plan into the relevant existing and future planning mechanisms and capabilities as listed in **Table 3.3.1** of the plan.

6.5 Updating the Plan

The Hazard Mitigation Plan must be updated within five years and re-adopted by the County and all participating jurisdictions to maintain compliance with federal regulations and ensure eligibility for certain federal mitigation grant funds. Greene County will identify any necessary modifications to the Plan, including changes to mitigation goals and actions that should be incorporated into the next update. The Greene County EMA Director and the County Commissioners will initiate the process of updating the Pan in accordance with federal guidelines in sufficient time to meet state and federal deadlines.

Appendix

Appendix A: Historical Hazard Events

Name	Declaration Date	Type	Title	County
DR-4507-OH	3/31/2020	Biological	Covid-19 Pandemic	Greene
EM-3457-OH	3/13/2020	Biological	Covid-19	Greene
DR-4447-OH	6/18/2019	Tornado	Severe Storms, Straight-Line Winds, Tornadoes, Flooding, Landslides, And Mudslide	Greene
EM-3346-OH	6/30/2012	Severe Storm	Severe Storms	Greene
DR-1805-OH	10/24/2008	Severe Storm	Severe Windstorm Associated with Tropical Depression Ike	Greene
EM-3286-OH	4/24/2008	Snowstorm	Record Snow and Near Record Snow	Greene
EM-3250-OH	9/13/2005	Hurricane	Hurricane Katrina Evacuation	Greene
EM-3198-OH	1/11/2005	Snowstorm	Snow	Greene
DR-1556-OH	9/19/2004	Severe Storm	Severe Storms and Flooding	Greene
DR-1453-OH	3/14/2003	Severe Storm	Severe Winter Storm and Record/Near Record Snow	Greene
DR-1343-OH	9/26/2000	Severe Storm	Severe Storms and Tornado	Greene
DR-831-OH	6/10/1989	Flood	Severe Storms & Flooding	Greene
EM-3055-OH	1/26/1978	Snowstorm	Blizzards & Snowstorms	Greene
EM-3029-OH	2/2/1977	Snowstorm	Snowstorms	Greene
DR-421-OH	4/4/1974	Tornado	Tornadoes	Greene
DR-243-OH	6/5/1968	Flood	Heavy Rains & Flooding	Greene

Event Type	Date	Magnitude	Deaths	Injuries	Property Damage	Crop Damage
Cold/Wind Chill	2/1/1996		0	0	$ 20,000.00	$ -
Dense Fog	11/17/2001		1	1	$ 6,000.00	$ -
Drought	8/1/1999		0	0	$ -	$ -
Drought	7/1/1999		0	0	$ -	$ -
Excessive Heat	7/20/2019		0	0	$ -	$ -
Excessive Heat	7/19/2019		0	0	$ -	$ -
Extreme Cold/Wind Chill	12/22/2022		0	0	$ -	$ -
Extreme Cold/Wind Chill	1/30/2019		0	0	$ -	$ -
Extreme Cold/Wind Chill	12/21/2008		1	0	$ -	$ -
Flash Flood	6/18/2021		0	0	$ 50,000.00	$ -
Flash Flood	6/18/2021		0	0	$ 20,000.00	$ -
Flash Flood	6/18/2021		0	0	$ -	$ -
Flash Flood	3/20/2020		0	0	$ 25,000.00	$ -
Flash Flood	3/20/2020		0	0	$ 4,000.00	$ -
Flash Flood	3/20/2020		0	0	$ -	$ -
Flash Flood	5/27/2019		0	0	$ -	$ -
Flash Flood	6/23/2017		0	0	$ -	$ -
Flash Flood	6/13/2017		0	0	$ -	$ -
Flash Flood	8/28/2016		0	0	$ -	$ -
Flash Flood	5/21/2014		0	0	$ 2,000.00	$ -
Flash Flood	5/21/2014		0	0	$ 1,000.00	$ -
Flash Flood	12/22/2013		0	0	$ 1,000.00	$ -
Flash Flood	7/6/2013		0	0	$ 1,000.00	$ -
Flash Flood	4/20/2011		0	0	$ 2,000.00	$ -
Flash Flood	4/19/2011		0	0	$ 15,000.00	$ -

Event Type	Date	Magnitude	Deaths	Injuries	Property Damage	Crop Damage
Flash Flood	6/3/2008		0	0	$ 8,000.00	$ -
Flash Flood	6/11/2001		0	0	$ 5,000.00	$ -
Flash Flood	5/18/2001		0	0	$ 50,000.00	$ -
Flash Flood	4/11/2001		0	0	$ 2,000.00	$ -
Flash Flood	6/16/2000		0	0	$ 3,000.00	$ -
Flash Flood	6/16/2000		0	0	$ 1,000.00	$ -
Flash Flood	5/7/1998		0	0	$ -	$ -
Flash Flood	4/16/1998		0	0	$ -	$ -
Flash Flood	4/29/1996		0	0	$ 3,000.00	$ -
Flood	3/25/2023		0	0	$ -	$ -
Flood	3/7/2022		0	0	$ -	$ -
Flood	2/18/2022		0	0	$ 5,000.00	$ -
Flood	2/17/2022		0	0	$ -	$ -
Flood	6/30/2020		0	0	$ 500.00	$ -
Flood	6/3/2020		0	0	$ -	$ -
Flood	5/19/2020		0	0	$ -	$ -
Flood	5/18/2020		0	0	$ -	$ -
Flood	3/20/2020		0	0	$ -	$ -
Flood	7/3/2019		0	0	$ -	$ -
Flood	7/3/2019		0	0	$ -	$ -
Flood	2/7/2019		0	0	$ -	$ -
Flood	11/1/2018		0	0	$ -	$ -
Flood	8/10/2018		0	0	$ -	$ -
Flood	8/10/2018		0	0	$ -	$ -
Flood	6/21/2018		0	0	$ -	$ -
Flood	6/19/2018		0	0	$ -	$ -
Flood	6/19/2018		0	0	$ -	$ -
Flood	6/8/2018		0	0	$ -	$ -
Flood	4/3/2018		0	0	$ -	$ -
Flood	4/3/2018		0	0	$ -	$ -
Flood	2/24/2018		0	0	$ -	$ -

Event Type	Date	Magnitude	Deaths	Injuries	Property Damage	Crop Damage
Flood	11/5/2017		0	0	$ -	$ -
Flood	11/5/2017		0	0	$ -	$ -
Flood	6/23/2017		0	0	$ -	$ -
Flood	6/23/2017		0	0	$ -	$ -
Flood	5/21/2014		0	0	$ -	$ -
Flood	5/21/2014		0	0	$ -	$ -
Flood	9/21/2013		0	0	$ -	$ -
Flood	3/16/2012		0	0	$ -	$ -
Flood	12/5/2011		0	0	$ 1,000.00	$ -
Flood	3/19/2008		0	0	$ 15,000.00	$ -
Flood	3/14/2007		0	0	$ 4,000.00	$ -
Flood	3/2/2007		0	0	$ 3,000.00	$ -
Flood	6/30/2005		0	0	$ -	$ -
Flood	1/11/2005		0	0	$ 10,000.00	$ -
Flood	1/5/2005		0	0	$ 10,000.00	$ -
Flood	8/28/2004		0	0	$ -	$ -
Flood	6/11/2004		0	0	$ -	$ -
Flood	5/27/2004		0	0	$ -	$ -
Flood	5/27/2004		0	0	$ -	$ -
Flood	1/4/2004		0	0	$ -	$ -
Flood	1/4/2004		0	0	$ -	$ -
Flood	9/2/2003		0	0	$ -	$ -
Flood	9/1/2003		0	0	$ -	$ -
Flood	7/31/2003		0	0	$ -	$ -
Flood	7/31/2003		0	0	$ -	$ -
Flood	6/16/2003		0	0	$ 30,000.00	$ -
Flood	11/10/2002		0	0	$ -	$ -
Flood	9/27/2002		0	0	$ -	$ -
Flood	7/27/2002		0	0	$ 8,000.00	$ -
Flood	6/13/2002		0	0	$ -	$ -
Flood	6/5/2002		0	0	$ -	$ -
Flood	12/17/2001		0	0	$ -	$ -

Event Type	Date	Magnitude	Deaths	Injuries	Property Damage	Crop Damage
Frost/Freeze	4/6/2007		0	0	$ -	$540,000.00
Funnel Cloud	8/9/2001		0	0	$ -	$ -
Hail	2/27/2023	1.5	0	0	$ -	$ -
Hail	2/27/2023	2	0	0	$ -	$ -
Hail	2/27/2023	1	0	0	$ -	$ -
Hail	7/29/2021	1.75	0	0	$ -	$ -
Hail	6/18/2021	1	0	0	$ -	$ -
Hail	6/18/2021	2.5	0	0	$ -	$ -
Hail	6/18/2021	1.5	0	0	$ -	$ -
Hail	6/18/2021	1	0	0	$ -	$ -
Hail	6/18/2021	1.75	0	0	$ -	$ -
Hail	6/18/2021	1	0	0	$ -	$ -
Hail	3/28/2020	0.88	0	0	$ -	$ -
Hail	3/28/2020	2	0	0	$ -	$ -
Hail	3/28/2020	0.75	0	0	$ -	$ -
Hail	8/20/2019	0.75	0	0	$ -	$ -
Hail	8/20/2019	1	0	0	$ -	$ -
Hail	8/20/2019	0.75	0	0	$ -	$ -
Hail	5/27/2019	1.75	0	0	$ -	$ -
Hail	5/27/2019	1.75	0	0	$ -	$ -
Hail	5/27/2019	0.75	0	0	$ -	$ -
Hail	5/27/2019	1.75	0	0	$ -	$ -
Hail	5/27/2019	1	0	0	$ -	$ -
Hail	5/27/2019	1.75	0	0	$ -	$ -
Hail	5/27/2019	1.75	0	0	$ -	$ -
Hail	7/11/2017	0.75	0	0	$ -	$ -
Hail	6/13/2017	0.75	0	0	$ -	$ -
Hail	4/28/2016	1	0	0	$ -	$ -
Hail	4/28/2016	1	0	0	$ -	$ -
Hail	4/28/2016	1	0	0	$ -	$ -
Hail	4/28/2016	0.75	0	0	$ -	$ -
Hail	4/28/2016	0.75	0	0	$ -	$ -

Event Type	Date	Magnitude	Deaths	Injuries	Property Damage	Crop Damage
Hail	4/26/2016	1	0	0	$ -	$ -
Hail	4/26/2016	0.75	0	0	$ -	$ -
Hail	8/3/2015	0.75	0	0	$ -	$ -
Hail	4/8/2015	0.88	0	0	$ -	$ -
Hail	4/8/2015	0.75	0	0	$ -	$ -
Hail	5/21/2014	1	0	0	$ -	$ -
Hail	5/21/2014	0.75	0	0	$ -	$ -
Hail	5/21/2014	0.75	0	0	$ -	$ -
Hail	5/21/2014	0.88	0	0	$ -	$ -
Hail	5/21/2014	0.88	0	0	$ -	$ -
Hail	5/21/2014	1	0	0	$ -	$ -
Hail	5/14/2014	1	0	0	$ -	$ -
Hail	4/16/2013	1	0	0	$ -	$ -
Hail	4/16/2013	0.75	0	0	$ -	$ -
Hail	4/16/2013	1	0	0	$ -	$ -
Hail	8/9/2012	0.75	0	0	$ -	$ -
Hail	7/15/2012	0.75	0	0	$ -	$ -
Hail	4/1/2012	0.88	0	0	$ -	$ -
Hail	4/1/2012	0.75	0	0	$ -	$ -
Hail	3/18/2012	0.88	0	0	$ -	$ -
Hail	7/11/2011	0.75	0	0	$ -	$ -
Hail	7/11/2011	0.75	0	0	$ -	$ -
Hail	7/11/2011	0.88	0	0	$ -	$ -
Hail	7/11/2011	0.75	0	0	$ -	$ -
Hail	5/25/2011	2	0	0	$ -	$ -
Hail	5/25/2011	1	0	0	$ -	$ -
Hail	5/25/2011	2.75	0	0	$ -	$ -
Hail	5/25/2011	1.75	0	0	$ -	$ -
Hail	5/25/2011	0.75	0	0	$ -	$ -
Hail	5/25/2011	2	0	0	$ -	$ -
Hail	5/25/2011	1.75	0	0	$ -	$ -
Hail	4/20/2011	0.88	0	0	$ -	$ -

Event Type	Date	Magnitude	Deaths	Injuries	Property Damage	Crop Damage
Hail	4/20/2011	0.75	0	0	$ -	$ -
Hail	4/20/2011	1	0	0	$ -	$ -
Hail	4/4/2011	0.75	0	0	$ -	$ -
Hail	8/4/2010	1	0	0	$ -	$ -
Hail	8/4/2010	1	0	0	$ -	$ -
Hail	6/12/2010	1	0	0	$ -	$ -
Hail	8/4/2009	1	0	0	$ -	$ -
Hail	6/25/2009	1	0	0	$ -	$ -
Hail	6/25/2009	0.88	0	0	$ -	$ -
Hail	6/2/2009	1	0	0	$ -	$ -
Hail	6/2/2009	1	0	0	$ -	$ -
Hail	6/2/2009	1	0	0	$ -	$ -
Hail	6/25/2008	1.25	0	0	$ 12,000.00	$ -
Hail	6/25/2008	0.75	0	0	$ 1,000.00	$ -
Hail	6/23/2008	1	0	0	$ 8,000.00	$ -
Hail	6/23/2008	0.88	0	0	$ 3,000.00	$ -
Hail	6/23/2008	0.75	0	0	$ 1,000.00	$ -
Hail	6/22/2008	0.88	0	0	$ 3,000.00	$ -
Hail	6/3/2008	0.75	0	0	$ 3,000.00	$ -
Hail	5/31/2008	0.88	0	0	$ 1,000.00	$ -
Hail	4/11/2007	0.88	0	0	$ 2,000.00	$ -
Hail	10/4/2006	0.88	0	0	$ 5,000.00	$ -
Hail	10/4/2006	0.75	0	0	$ 2,000.00	$ -
Hail	4/14/2006	0.75	0	0	$ -	$ -
Hail	4/7/2006	0.75	0	0	$ -	$ -
Hail	4/7/2006	0.75	0	0	$ -	$ -
Hail	8/11/2005	1.25	0	0	$ 15,000.00	$ -
Hail	6/30/2005	0.75	0	0	$ -	$ -
Hail	6/5/2005	0.75	0	0	$ -	$ -
Hail	6/13/2004	1	0	0	$ -	$ -
Hail	5/27/2004	0.88	0	0	$ -	$ -
Hail	5/27/2004	2	0	0	$ 30,000.00	$ -

Event Type	Date	Magnitude	Deaths	Injuries	Property Damage	Crop Damage
Hail	5/27/2004	0.88	0	0	$ -	$ -
Hail	8/7/2003	0.75	0	0	$ -	$ -
Hail	5/10/2003	0.88	0	0	$ -	$ -
Hail	5/2/2003	0.75	0	0	$ 3,000.00	$ -
Hail	4/20/2003	0.88	0	0	$ -	$ -
Hail	11/10/2002	1	0	0	$ -	$ -
Hail	5/12/2002	0.75	0	0	$ -	$ -
Hail	4/28/2002	0.75	0	0	$ 5,000.00	$ -
Hail	6/12/2001	0.75	0	0	$ -	$ -
Hail	5/24/2001	1	0	0	$ -	$ -
Hail	4/9/2001	1.75	0	0	$ -	$ -
Hail	4/9/2001	1	0	0	$ -	$ -
Hail	4/9/2001	1	0	0	$ -	$ -
Hail	4/9/2001	3	0	0	$ -	$ -
Hail	3/13/2001	0.75	0	0	$ -	$ -
Hail	6/2/2000	1.5	0	0	$ -	$ -
Hail	5/23/2000	0.88	0	0	$ -	$ -
Hail	10/13/1999	0.75	0	0	$ -	$ -
Hail	6/12/1999	1	0	0	$ 1,000.00	$ -
Hail	5/20/1998	0.75	0	0	$ -	$ -
Hail	5/13/1998	0.75	0	0	$ -	$ -
Hail	5/14/1997	1	0	0	$ -	$ -
Hail	6/14/1996	0.75	0	0	$ -	$ -
Hail	5/1/1996	1	0	0	$ -	$ -
Hail	5/1/1996	0.75	0	0	$ -	$ -
Hail	5/1/1996	0.75	0	0	$ -	$ -
Hail	5/1/1996	1	0	0	$ -	$ -
Hail	4/19/1996	0.75	0	0	$ -	$ -
Hail	6/22/1995	0.75	0	0	$ 6,000.00	$ -
Hail	6/16/1995	0.75	0	0	$ -	$ -
Hail	6/16/1995	0.75	0	0	$ -	$ -
Heat	7/1/2012		0	0	$ -	$ -

Event Type	Date	Magnitude	Deaths	Injuries	Property Damage	Crop Damage
Heat	6/28/2012		0	0	$ -	$ -
Heat	7/20/1999		0	0	$ -	$ -
Heavy Rain	6/20/2015		0	0	$ -	$ -
Heavy Rain	6/20/2014		0	0	$ -	$ -
Heavy Rain	5/21/2014		0	0	$ -	$ -
Heavy Rain	7/6/2013		0	0	$ -	$ -
Heavy Rain	7/6/2013		0	0	$ -	$ -
Heavy Rain	5/16/2013		0	0	$ -	$ -
Heavy Rain	4/19/2011		0	0	$ -	$ -
Heavy Snow	2/15/2010		0	0	$ -	$ -
Heavy Snow	2/9/2010		0	0	$ -	$ -
Heavy Snow	2/5/2010		0	0	$ -	$ -
Heavy Snow	1/27/2009		0	0	$ -	$ -
Heavy Snow	2/20/2008		0	0	$ -	$ -
Heavy Snow	12/4/2007		0	0	$ -	$ -
Heavy Snow	2/13/2007		0	0	$ -	$ -
Heavy Snow	2/6/2007		0	0	$ -	$ -
Heavy Snow	1/19/2000		0	0	$ -	$ -
Heavy Snow	3/9/1999		0	0	$ -	$ -
Heavy Snow	1/11/1996		0	0	$ 1,000.00	$ -
High Wind	2/9/2023	50	0	0	$ -	$ -
High Wind	3/30/2022	50	0	0	$ -	$ -
High Wind	3/25/2021	52	0	0	$ 10,000.00	$ -
High Wind	11/15/2020	52	0	0	$ -	$ -
High Wind	1/11/2020	72	0	0	$ -	$ -
High Wind	12/30/2019	53	0	0	$ -	$ -
High Wind	11/27/2019	50	0	0	$ -	$ -
High Wind	4/3/2016	50	0	0	$ 1,000.00	$ -
High Wind	11/24/2014	51	0	0	$ -	$ -
High Wind	12/20/2012	50	0	0	$ -	$ -
High Wind	12/9/2009	50	0	0	$ -	$ -
High Wind	2/11/2009	57	0	0	$ -	$ -

Event Type	Date	Magnitude	Deaths	Injuries	Property Damage	Crop Damage
High Wind	9/14/2008	55	0	0	$17,900,000.00	$ -
High Wind	12/1/2006	47	0	0	$ 20,000.00	$ -
High Wind	5/11/2003	50	0	0	$ -	$ -
High Wind	3/9/2002	55	0	0	$ 12,000.00	$ -
High Wind	12/11/2000	58	0	0	$ -	$ -
Ice Storm	11/14/2018		0	0	$ -	$ -
Ice Storm	2/1/2011		0	0	$ -	$ -
Ice Storm	12/13/2000		0	0	$ -	$ -
Ice Storm	1/24/1997		0	0	$ -	$ -
Ice Storm	3/6/1996		0	0	$ -	$ -
Strong Wind	8/4/2004	40	1	0	$ 60,000.00	$ -
Thunderstorm Wind	7/20/2023	45	0	0	$ 1,000.00	$ -
Thunderstorm Wind	7/17/2023	50	0	0	$ 250.00	$ -
Thunderstorm Wind	3/25/2023	50	0	0	$ 3,000.00	$ -
Thunderstorm Wind	8/21/2022	55	0	0	$ 1,000.00	$ -
Thunderstorm Wind	8/4/2022	50	0	0	$ 5,000.00	$ -
Thunderstorm Wind	7/23/2022	45	0	0	$ 5,000.00	$ -
Thunderstorm Wind	6/22/2022	50	0	0	$ 30,000.00	$ -
Thunderstorm Wind	6/13/2022	50	0	0	$ 1,000.00	$ -
Thunderstorm Wind	6/13/2022	50	0	0	$ 1,000.00	$ -
Thunderstorm Wind	6/13/2022	50	0	0	$ 1,000.00	$ -
Thunderstorm Wind	6/13/2022	50	0	0	$ 5,000.00	$ -
Thunderstorm Wind	6/6/2022	45	0	0	$ 3,000.00	$ -

Event Type	Date	Magnitude	Deaths	Injuries	Property Damage	Crop Damage
Thunderstorm Wind	5/25/2022	50	0	0	$ 2,000.00	$ -
Thunderstorm Wind	3/7/2022	50	0	0	$ 10,000.00	$ -
Thunderstorm Wind	7/29/2021	50	0	0	$ 5,000.00	$ -
Thunderstorm Wind	7/29/2021	50	0	0	$ 5,000.00	$ -
Thunderstorm Wind	7/29/2021	50	0	0	$ 4,000.00	$ -
Thunderstorm Wind	6/29/2021	51	0	0	$ -	$ -
Thunderstorm Wind	6/18/2021	45	0	0	$ 1,000.00	$ -
Thunderstorm Wind	8/25/2020	50	0	0	$ 3,000.00	$ -
Thunderstorm Wind	7/27/2020	45	0	0	$ 100.00	$ -
Thunderstorm Wind	7/19/2020	50	0	0	$ -	$ -
Thunderstorm Wind	7/19/2020	50	0	0	$ 5,000.00	$ -
Thunderstorm Wind	7/19/2020	50	0	0	$ 6,000.00	$ -
Thunderstorm Wind	7/12/2020	50	0	0	$ 1,000.00	$ -
Thunderstorm Wind	6/30/2020	50	0	0	$ 2,000.00	$ -
Thunderstorm Wind	6/18/2020	50	0	0	$ 5,000.00	$ -
Thunderstorm Wind	6/9/2020	50	0	0	$ 500.00	$ -
Thunderstorm Wind	6/9/2020	50	0	0	$ 500.00	$ -
Thunderstorm Wind	5/10/2020	50	0	0	$ 5,000.00	$ -
Thunderstorm Wind	5/10/2020	50	0	0	$ 10,000.00	$ -

Event Type	Date	Magnitude	Deaths	Injuries	Property Damage	Crop Damage
Thunderstorm Wind	3/28/2020	50	0	0	$ 1,000.00	$ -
Thunderstorm Wind	3/28/2020	65	0	0	$ -	$ -
Thunderstorm Wind	3/28/2020	50	0	0	$ 1,000.00	$ -
Thunderstorm Wind	3/28/2020	50	0	0	$ 6,000.00	$ -
Thunderstorm Wind	8/20/2019	48	0	0	$ 1,000.00	$ -
Thunderstorm Wind	8/6/2019	50	0	0	$ 1,000.00	$ -
Thunderstorm Wind	7/2/2019	50	0	0	$ 2,000.00	$ -
Thunderstorm Wind	6/17/2019	50	0	0	$ 7,000.00	$ -
Thunderstorm Wind	6/17/2019	50	0	0	$ 4,000.00	$ -
Thunderstorm Wind	6/17/2019	50	0	0	$ 5,000.00	$ -
Thunderstorm Wind	4/12/2019	61	0	0	$ 1,000.00	$ -
Thunderstorm Wind	4/12/2019	61	0	0	$ 1,000.00	$ -
Thunderstorm Wind	4/12/2019	56	0	0	$ 3,000.00	$ -
Thunderstorm Wind	4/12/2019	61	0	0	$ 4,000.00	$ -
Thunderstorm Wind	4/12/2019	61	0	0	$ 10,000.00	$ -
Thunderstorm Wind	4/12/2019	56	0	0	$ 5,000.00	$ -
Thunderstorm Wind	4/12/2019	56	0	0	$ 10,000.00	$ -
Thunderstorm Wind	4/12/2019	56	0	0	$ 3,000.00	$ -
Thunderstorm Wind	2/7/2019	50	0	0	$ 3,000.00	$ -

Event Type	Date	Magnitude	Deaths	Injuries	Property Damage	Crop Damage
Thunderstorm Wind	6/26/2018	45	0	0	$ 1,000.00	$ -
Thunderstorm Wind	6/9/2018	50	0	0	$ 1,000.00	$ -
Thunderstorm Wind	4/3/2018	50	0	0	$ 2,000.00	$ -
Thunderstorm Wind	4/3/2018	50	0	0	$ 15,000.00	$ -
Thunderstorm Wind	4/3/2018	50	0	0	$ 4,000.00	$ -
Thunderstorm Wind	4/3/2018	70	0	0	$ 25,000.00	$ -
Thunderstorm Wind	4/3/2018	65	0	0	$ 1,000.00	$ -
Thunderstorm Wind	1/22/2018	50	0	0	$ 4,000.00	$ -
Thunderstorm Wind	7/21/2017	50	0	0	$ 2,000.00	$ -
Thunderstorm Wind	7/21/2017	50	0	0	$ 1,000.00	$ -
Thunderstorm Wind	7/11/2017	50	0	0	$ 3,000.00	$ -
Thunderstorm Wind	4/5/2017	50	0	0	$ 10,000.00	$ -
Thunderstorm Wind	4/5/2017	53	0	0	$ -	$ -
Thunderstorm Wind	4/5/2017	50	0	0	$ 1,000.00	$ -
Thunderstorm Wind	3/1/2017	50	0	0	$ 2,000.00	$ -
Thunderstorm Wind	1/10/2017	50	0	0	$ 3,000.00	$ -
Thunderstorm Wind	8/28/2016	50	0	0	$ 1,000.00	$ -
Thunderstorm Wind	8/27/2016	50	0	0	$ -	$ -
Thunderstorm Wind	5/29/2016	45	0	0	$ 1,000.00	$ -

Event Type	Date	Magnitude	Deaths	Injuries	Property Damage	Crop Damage
Thunderstorm Wind	8/3/2015	45	0	0	$ 1,000.00	$ -
Thunderstorm Wind	7/26/2015	50	0	0	$ 1,000.00	$ -
Thunderstorm Wind	7/14/2015	50	0	0	$ 3,000.00	$ -
Thunderstorm Wind	7/14/2015	50	0	0	$ 2,000.00	$ -
Thunderstorm Wind	7/14/2015	50	0	0	$ 3,000.00	$ -
Thunderstorm Wind	7/14/2015	50	0	0	$ 1,000.00	$ -
Thunderstorm Wind	7/14/2015	50	0	0	$ 1,000.00	$ -
Thunderstorm Wind	7/14/2015	50	0	0	$ 2,000.00	$ -
Thunderstorm Wind	7/13/2015	50	0	0	$ 1,000.00	$ -
Thunderstorm Wind	6/18/2015	50	0	0	$ 1,500.00	$ -
Thunderstorm Wind	6/18/2015	51	0	0	$ -	$ -
Thunderstorm Wind	6/18/2015	50	0	0	$ 1,000.00	$ -
Thunderstorm Wind	6/12/2015	52	0	0	$ 5,000.00	$ -
Thunderstorm Wind	5/26/2015	60	0	0	$ 50,000.00	$ -
Thunderstorm Wind	5/11/2015	58	0	0	$ -	$ -
Thunderstorm Wind	4/10/2015	50	0	0	$ 3,000.00	$ -
Thunderstorm Wind	4/10/2015	50	0	0	$ 2,000.00	$ -
Thunderstorm Wind	4/8/2015	50	0	0	$ -	$ -
Thunderstorm Wind	4/8/2015	50	0	0	$ -	$ -

Event Type	Date	Magnitude	Deaths	Injuries	Property Damage	Crop Damage
Thunderstorm Wind	10/6/2014	50	0	0	$ 3,000.00	$ -
Thunderstorm Wind	6/16/2014	50	0	0	$ 2,000.00	$ -
Thunderstorm Wind	5/21/2014	50	0	0	$ 3,000.00	$ -
Thunderstorm Wind	5/21/2014	50	0	0	$ 1,000.00	$ -
Thunderstorm Wind	12/21/2013	50	0	0	$ 1,000.00	$ -
Thunderstorm Wind	11/17/2013	57	0	0	$ -	$ -
Thunderstorm Wind	10/31/2013	50	0	0	$ -	$ -
Thunderstorm Wind	7/10/2013	50	0	0	$ 1,000.00	$ -
Thunderstorm Wind	7/10/2013	50	0	0	$ 3,000.00	$ -
Thunderstorm Wind	7/10/2013	50	0	0	$ 1,000.00	$ -
Thunderstorm Wind	7/10/2013	50	0	0	$ 1,000.00	$ -
Thunderstorm Wind	7/10/2013	50	0	0	$ 1,000.00	$ -
Thunderstorm Wind	7/10/2013	50	0	0	$ 5,000.00	$ -
Thunderstorm Wind	7/10/2013	50	0	0	$ 1,000.00	$ -
Thunderstorm Wind	7/10/2013	50	0	0	$ 1,000.00	$ -
Thunderstorm Wind	7/10/2013	50	0	0	$ 1,000.00	$ -
Thunderstorm Wind	7/10/2013	55	0	0	$ 10,000.00	$ -
Thunderstorm Wind	7/10/2013	50	0	0	$ 1,000.00	$ -
Thunderstorm Wind	7/10/2013	50	0	0	$ 5,000.00	$ -

Event Type	Date	Magnitude	Deaths	Injuries	Property Damage	Crop Damage
Thunderstorm Wind	6/26/2013	50	0	0	$ 3,000.00	$ -
Thunderstorm Wind	6/26/2013	50	0	0	$ 3,000.00	$ -
Thunderstorm Wind	9/7/2012	50	0	0	$ 1,000.00	$ -
Thunderstorm Wind	7/26/2012	50	0	0	$ 1,000.00	$ -
Thunderstorm Wind	7/1/2012	51	0	0	$ -	$ -
Thunderstorm Wind	7/1/2012	50	0	0	$ 1,000.00	$ -
Thunderstorm Wind	7/1/2012	50	0	0	$ 3,000.00	$ -
Thunderstorm Wind	7/1/2012	50	0	0	$ 10,000.00	$ -
Thunderstorm Wind	6/29/2012	61	0	0	$ 1,000.00	$ -
Thunderstorm Wind	6/29/2012	61	0	0	$ 1,000.00	$ -
Thunderstorm Wind	6/29/2012	52	0	0	$ -	$ -
Thunderstorm Wind	6/29/2012	52	0	0	$ 1,000.00	$ -
Thunderstorm Wind	6/17/2012	50	0	0	$ 5,000.00	$ -
Thunderstorm Wind	6/16/2012	50	0	0	$ 10,000.00	$ -
Thunderstorm Wind	9/29/2011	50	0	0	$ 1,000.00	$ -
Thunderstorm Wind	8/25/2011	50	0	0	$ 1,000.00	$ -
Thunderstorm Wind	7/11/2011	56	0	0	$ -	$ -
Thunderstorm Wind	7/11/2011	50	0	0	$ 1,000.00	$ -
Thunderstorm Wind	7/11/2011	52	0	0	$ 1,000.00	$ -

Event Type	Date	Magnitude	Deaths	Injuries	Property Damage	Crop Damage
Thunderstorm Wind	7/11/2011	67	0	0	$ -	$ -
Thunderstorm Wind	7/11/2011	50	0	0	$ 2,000.00	$ -
Thunderstorm Wind	6/4/2011	50	0	0	$ 2,000.00	$ -
Thunderstorm Wind	5/26/2011	50	0	0	$ 30,000.00	$ -
Thunderstorm Wind	5/23/2011	60	0	0	$ 20,000.00	$ -
Thunderstorm Wind	5/23/2011	50	0	0	$ 1,000.00	$ -
Thunderstorm Wind	5/23/2011	50	0	0	$ 3,000.00	$ -
Thunderstorm Wind	4/20/2011	50	0	0	$ 1,000.00	$ -
Thunderstorm Wind	10/26/2010	52	0	0	$ 5,000.00	$ -
Thunderstorm Wind	8/4/2010	50	0	0	$ 1,000.00	$ -
Thunderstorm Wind	8/4/2010	52	0	0	$ -	$ -
Thunderstorm Wind	6/15/2010	50	0	0	$ 5,000.00	$ -
Thunderstorm Wind	6/15/2010	50	0	0	$ 1,000.00	$ -
Thunderstorm Wind	6/2/2010	50	0	0	$ 1,000.00	$ -
Thunderstorm Wind	5/3/2010	52	0	0	$ -	$ -
Thunderstorm Wind	8/4/2009	50	0	0	$ -	$ -
Thunderstorm Wind	7/8/2008	52	0	0	$ 2,000.00	$ -
Thunderstorm Wind	7/8/2008	50	0	0	$ 3,000.00	$ -
Thunderstorm Wind	6/25/2008	50	0	0	$ 3,000.00	$ -

Event Type	Date	Magnitude	Deaths	Injuries	Property Damage	Crop Damage
Thunderstorm Wind	6/25/2008	50	0	0	$ 3,000.00	$ -
Thunderstorm Wind	6/15/2008	50	0	0	$ 3,000.00	$ -
Thunderstorm Wind	6/3/2008	50	0	0	$ 3,000.00	$ -
Thunderstorm Wind	5/30/2008	50	0	0	$ 3,000.00	$ -
Thunderstorm Wind	5/30/2008	50	0	0	$ 3,000.00	$ -
Thunderstorm Wind	1/8/2008	50	0	0	$ 3,000.00	$ -
Thunderstorm Wind	8/16/2007	50	0	0	$ 2,000.00	$ -
Thunderstorm Wind	8/9/2007	50	0	0	$ 3,000.00	$ -
Thunderstorm Wind	7/18/2007	50	0	0	$ 2,000.00	$ -
Thunderstorm Wind	5/15/2007	50	0	0	$ 3,000.00	$ -
Thunderstorm Wind	5/15/2007	50	0	0	$ 3,000.00	$ -
Thunderstorm Wind	4/11/2007	52	0	0	$ 1,000.00	$ -
Thunderstorm Wind	12/1/2006	50	0	0	$ 6,000.00	$ -
Thunderstorm Wind	10/4/2006	61	0	0	$ 2,000.00	$ -
Thunderstorm Wind	8/3/2006	55	0	0	$ -	$ -
Thunderstorm Wind	8/3/2006	50	0	0	$ 10,000.00	$ -
Thunderstorm Wind	7/14/2006	50	0	0	$ 3,000.00	$ -
Thunderstorm Wind	7/14/2006	50	0	0	$ 3,000.00	$ -
Thunderstorm Wind	6/22/2006	50	0	0	$ 3,000.00	$ -

Event Type	Date	Magnitude	Deaths	Injuries	Property Damage	Crop Damage
Thunderstorm Wind	5/25/2006	57	0	0	$ -	$ -
Thunderstorm Wind	4/2/2006	55	0	0	$ 20,000.00	$ -
Thunderstorm Wind	8/11/2005	61	0	0	$ 3,000.00	$ -
Thunderstorm Wind	6/30/2005	50	0	0	$ 3,000.00	$ -
Thunderstorm Wind	6/30/2005	50	0	0	$ 3,000.00	$ -
Thunderstorm Wind	6/30/2005	50	0	0	$ 3,000.00	$ -
Thunderstorm Wind	6/30/2005	50	0	0	$ 3,000.00	$ -
Thunderstorm Wind	6/28/2005	50	0	0	$ 3,000.00	$ -
Thunderstorm Wind	7/6/2004	50	0	0	$ 3,000.00	$ -
Thunderstorm Wind	5/31/2004	50	0	0	$ 3,000.00	$ -
Thunderstorm Wind	5/27/2004	60	0	0	$ 20,000.00	$ -
Thunderstorm Wind	5/24/2004	50	0	0	$ 2,000.00	$ -
Thunderstorm Wind	8/27/2003	50	0	0	$ 6,000.00	$ -
Thunderstorm Wind	7/21/2003	50	0	0	$ 2,000.00	$ -
Thunderstorm Wind	7/8/2003	50	0	0	$ 3,000.00	$ -
Thunderstorm Wind	7/8/2003	50	0	0	$ 4,000.00	$ -
Thunderstorm Wind	7/7/2003	50	0	0	$ 3,000.00	$ -
Thunderstorm Wind	7/4/2003	50	0	0	$ 3,000.00	$ -
Thunderstorm Wind	5/2/2003	50	0	0	$ 10,000.00	$ -

Event Type	Date	Magnitude	Deaths	Injuries	Property Damage	Crop Damage
Thunderstorm Wind	4/4/2003	50	0	0	$ 5,000.00	$ -
Thunderstorm Wind	11/10/2002	50	0	0	$ 3,000.00	$ -
Thunderstorm Wind	9/20/2002	50	0	0	$ 3,000.00	$ -
Thunderstorm Wind	7/29/2002	50	0	0	$ 4,000.00	$ -
Thunderstorm Wind	6/27/2002	50	0	0	$ 5,000.00	$ -
Thunderstorm Wind	5/25/2002	50	0	0	$ 10,000.00	$ -
Thunderstorm Wind	3/29/2002	55	0	0	$ 12,000.00	$ -
Thunderstorm Wind	10/24/2001	50	0	0	$ 10,000.00	$ -
Thunderstorm Wind	7/25/2001	52	0	0	$ -	$ -
Thunderstorm Wind	6/21/2001	50	0	0	$ 3,000.00	$ -
Thunderstorm Wind	6/13/2001	50	0	0	$ 3,000.00	$ -
Thunderstorm Wind	6/12/2001	60	0	0	$ 10,000.00	$ -
Thunderstorm Wind	6/12/2001	50	0	0	$ 3,000.00	$ -
Thunderstorm Wind	6/11/2001	52	0	0	$ 3,000.00	$ -
Thunderstorm Wind	4/9/2001	78	0	0	$ -	$ -
Thunderstorm Wind	11/9/2000	50	0	0	$ 5,000.00	$ -
Thunderstorm Wind	8/9/2000	50	0	0	$ 25,000.00	$ -
Thunderstorm Wind	8/7/2000	50	0	0	$ 5,000.00	$ -
Thunderstorm Wind	7/14/2000	50	0	0	$ 50,000.00	$ -

Event Type	Date	Magnitude	Deaths	Injuries	Property Damage	Crop Damage
Thunderstorm Wind	7/3/2000	50	0	0	$ 5,000.00	$ -
Thunderstorm Wind	6/16/2000	53	0	0	$ 8,000.00	$ -
Thunderstorm Wind	6/16/2000	50	0	0	$ 3,000.00	$ -
Thunderstorm Wind	6/14/2000	51	0	0	$ 4,000.00	$ -
Thunderstorm Wind	4/20/2000	51	0	0	$ 5,000.00	$ -
Thunderstorm Wind	10/13/1999	52	0	0	$ 4,000.00	$ -
Thunderstorm Wind	7/26/1999	50	0	0	$ 3,000.00	$ -
Thunderstorm Wind	7/26/1999	50	0	0	$ 10,000.00	$ -
Thunderstorm Wind	7/9/1999	50	0	0	$ 5,000.00	$ -
Thunderstorm Wind	7/6/1999	50	0	0	$ 3,000.00	$ -
Thunderstorm Wind	6/11/1999	50	0	0	$ 4,000.00	$ -
Thunderstorm Wind	5/6/1999	50	0	0	$ 3,000.00	$ -
Thunderstorm Wind	2/11/1999	59	0	0	$ -	$ -
Thunderstorm Wind	11/10/1998	50	0	0	$ 3,000.00	$ -
Thunderstorm Wind	7/19/1998	59	0	0	$ -	$ -
Thunderstorm Wind	6/19/1998	50	0	0	$ 10,000.00	$ -
Thunderstorm Wind	6/12/1998	50	0	0	$ 3,000.00	$ -
Thunderstorm Wind	7/2/1997	60	0	0	$ 20,000.00	$ -
Thunderstorm Wind	3/28/1997	74	0	0	$ -	$ -

Event Type	Date	Magnitude	Deaths	Injuries	Property Damage	Crop Damage
Thunderstorm Wind	1/5/1997	50	0	0	$ 5,000.00	$ -
Thunderstorm Wind	6/18/1996	50	0	0	$ 5,000.00	$ -
Thunderstorm Wind	6/14/1996	60	0	0	$ 160,000.00	$ -
Thunderstorm Wind	5/10/1996	50	0	0	$ 5,000.00	$ -
Thunderstorm Wind	4/29/1996	50	0	0	$ 2,000.00	$ -
Thunderstorm Wind	7/26/1995	0	0	0	$ 20,000.00	$ -
Thunderstorm Wind	7/23/1995	0	0	0	$ 3,000.00	$ -
Thunderstorm Wind	7/15/1995	0	0	0	$ 2,000.00	$ -
Thunderstorm Wind	7/13/1995	0	0	0	$ 7.00	$ -
Thunderstorm Wind	6/26/1995	0	0	0	$ 4,000.00	$ -
Thunderstorm Wind	5/14/1995	0	0	0	$ 3,000.00	$ -
Thunderstorm Wind	4/21/1995	0	0	0	$ 3,000.00	$ -
Tornado	5/27/2019		0	0	$50,000,000.00	$ -
Tornado	5/27/2019		0	0	$ 50,000.00	$ -
Tornado	5/27/2019		0	0	$ 200,000.00	$ -
Tornado	4/3/2018		0	0	$ 500,000.00	$ -
Tornado	5/24/2017		0	0	$ 3,000.00	$ -
Tornado	5/24/2017		0	0	$ -	$ -
Tornado	5/24/2017		0	0	$ 2,000.00	$ -
Tornado	5/26/2015		0	2	$ 750,000.00	$ -
Tornado	5/14/2014		0	0	$ 500,000.00	$ -

Event Type	Date	Magnitude	Deaths	Injuries	Property Damage	Crop Damage
Tornado	5/23/2011		0	0	$ 3,000.00	$ -
Tornado	5/8/2008		0	0	$ 1,000.00	$ -
Tornado	9/20/2000		1	100	$15,000,000.00	$ -
Tornado	5/7/1998		0	0	$ 10,000.00	$ -
Tornado	7/2/1997		0	0	$ 50,000.00	$ -
Winter Storm	12/22/2022		0	0	$ -	$ -
Winter Storm	2/2/2022		0	0	$ -	$ -
Winter Storm	2/15/2021		0	0	$ -	$ -
Winter Storm	2/8/2021		0	0	$ -	$ -
Winter Storm	1/19/2019		0	0	$ -	$ -
Winter Storm	1/12/2019		0	0	$ -	$ -
Winter Storm	2/4/2014		0	0	$ -	$ -
Winter Storm	3/5/2013		0	0	$ -	$ -
Winter Storm	12/26/2012		0	0	$ -	$ -
Winter Storm	3/7/2008		0	0	$ -	$ -
Winter Storm	2/21/2008		0	0	$ -	$ -
Winter Storm	12/8/2005		0	0	$ -	$ -
Winter Storm	1/22/2005		0	0	$ -	$ -
Winter Storm	1/20/2005		0	0	$ -	$ -
Winter Storm	12/22/2004		0	0	$ -	$ -
Winter Storm	3/16/2004		0	0	$ -	$ -
Winter Storm	1/25/2004		0	0	$ -	$ -
Winter Storm	2/15/2003		0	0	$ -	$ -
Winter Storm	3/26/2002		0	0	$ -	$ -
Winter Storm	1/13/1999		0	0	$ -	$ -
Winter Storm	1/7/1999		0	0	$ -	$ -
Winter Storm	1/1/1999		0	0	$ -	$ -
Winter Storm	3/19/1996		0	0	$ -	$ -
Winter Storm	1/6/1996		0	0	$ 500,000.00	$ -
Winter Storm	1/2/1996		0	0	$ 25,000.00	$ -
Winter Weather	1/24/2023		0	0	$ -	$ -

Event Type	Date	Magnitude	Deaths	Injuries	Property Damage	Crop Damage
Winter Weather	1/22/2023		0	0	$ -	$ -
Winter Weather	3/11/2022		0	0	$ -	$ -
Winter Weather	2/24/2022		0	0	$ -	$ -
Winter Weather	1/28/2022		0	0	$ -	$ -
Winter Weather	1/28/2022		0	0	$ -	$ -
Winter Weather	1/16/2022		0	0	$ -	$ -
Winter Weather	4/20/2021		0	0	$ -	$ -
Winter Weather	2/10/2021		0	0	$ -	$ -
Winter Weather	1/30/2021		0	0	$ -	$ -
Winter Weather	12/1/2020		0	0	$ -	$ -
Winter Weather	11/30/2020		0	0	$ -	$ -
Winter Weather	2/27/2020		0	0	$ -	$ -
Winter Weather	2/26/2020		0	0	$ -	$ -
Winter Weather	2/12/2020		0	0	$ -	$ -
Winter Weather	2/6/2020		0	0	$ -	$ -
Winter Weather	12/15/2019		0	0	$ -	$ -
Winter Weather	11/11/2019		0	0	$ -	$ -
Winter Weather	3/3/2019		0	0	$ -	$ -
Winter Weather	2/20/2019		0	0	$ -	$ -

Event Type	Date	Magnitude	Deaths	Injuries	Property Damage	Crop Damage
Winter Weather	2/10/2019		0	0	$ -	$ -
Winter Weather	2/1/2019		0	0	$ -	$ -
Winter Weather	4/6/2018		0	0	$ -	$ -
Winter Weather	4/1/2018		0	0	$ -	$ -
Winter Weather	3/20/2018		0	0	$ -	$ -
Winter Weather	3/7/2018		0	0	$ -	$ -
Winter Weather	2/6/2018		0	0	$ -	$ -
Winter Weather	1/15/2018		0	0	$ -	$ -
Winter Weather	1/12/2018		0	0	$ -	$ -
Winter Weather	12/29/2017		0	0	$ -	$ -
Winter Weather	12/24/2017		0	0	$ -	$ -
Winter Weather	12/12/2017		0	0	$ -	$ -
Winter Weather	12/9/2017		0	0	$ -	$ -
Winter Weather	3/13/2017		0	0	$ -	$ -
Winter Weather	2/8/2017		0	0	$ -	$ -
Winter Weather	1/5/2017		0	0	$ -	$ -
Winter Weather	12/13/2016		0	0	$ -	$ -
Winter Weather	12/11/2016		0	0	$ -	$ -
Winter Weather	2/14/2016		0	0	$ -	$ -

Event Type	Date	Magnitude	Deaths	Injuries	Property Damage	Crop Damage
Winter Weather	2/8/2016		0	0	$ -	$ -
Winter Weather	1/20/2016		0	0	$ -	$ -
Winter Weather	1/12/2016		0	0	$ -	$ -
Winter Weather	1/10/2016		0	0	$ -	$ -
Winter Weather	3/1/2015		0	0	$ -	$ -
Winter Weather	2/21/2015		0	0	$ -	$ -
Winter Weather	2/20/2015		0	0	$ -	$ -
Winter Weather	2/15/2015		0	0	$ -	$ -
Winter Weather	2/14/2015		0	0	$ -	$ -
Winter Weather	2/4/2015		0	0	$ -	$ -
Winter Weather	1/25/2015		0	0	$ -	$ -
Winter Weather	1/5/2015		0	0	$ -	$ -
Winter Weather	11/22/2014		0	0	$ -	$ -
Winter Weather	11/16/2014		0	0	$ -	$ -
Winter Weather	3/12/2014		0	0	$ -	$ -
Winter Weather	3/2/2014		0	0	$ -	$ -
Winter Weather	2/17/2014		0	0	$ -	$ -
Winter Weather	2/14/2014		0	0	$ -	$ -
Winter Weather	1/20/2014		0	0	$ -	$ -

Event Type	Date	Magnitude	Deaths	Injuries	Property Damage	Crop Damage
Winter Weather	1/18/2014		0	0	$ -	$ -
Winter Weather	1/17/2014		0	0	$ -	$ -
Winter Weather	1/2/2014		0	0	$ -	$ -
Winter Weather	12/16/2013		0	0	$ -	$ -
Winter Weather	12/14/2013		0	0	$ -	$ -
Winter Weather	12/10/2013		0	0	$ -	$ -
Winter Weather	12/6/2013		0	0	$ -	$ -
Winter Weather	3/24/2013		0	0	$ -	$ -
Winter Weather	2/21/2013		0	0	$ -	$ -
Winter Weather	1/31/2013		0	0	$ -	$ -
Winter Weather	1/25/2013		0	0	$ -	$ -
Winter Weather	12/28/2012		0	0	$ -	$ -
Winter Weather	1/20/2012		0	0	$ -	$ -
Winter Weather	1/2/2012		0	0	$ -	$ -
Winter Weather	1/20/2011		0	0	$ -	$ -
Winter Weather	1/11/2011		0	0	$ -	$ -
Winter Weather	12/16/2010		0	0	$ -	$ -
Winter Weather	2/26/2010		0	0	$ -	$ -
Winter Weather	1/7/2010		0	0	$ -	$ -

Event Type	Date	Magnitude	Deaths	Injuries	Property Damage	Crop Damage
Winter Weather	1/1/2008		0	0	$ -	$ -
Winter Weather	12/7/2007		0	0	$ -	$ -

Appendix B: Previous Mitigation Actions

Action Item	Greene County	City of Beavercreek	City of Bellbrook	City of Fairborn	City of Xenia	Village of Bowersville	Village of Cedarville	Village of Clifton	Village of Jamestown	Village of Spring Valley	Village of Yellow Spring
					Status						
Concrete, structural repairs, and other improvements at Huffman Dam.	Ongoing	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Construct or repair storm drainage systems and/or levees.	Ongoing	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Develop a dam failure evacuation plan for Huffman Dam.	Ongoing	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Push in the old water retention reservoir that is no longer in use. It is a breeding area for rodents and mosquitoes and a drowning risk for area youth.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Ongoing	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Seek funding for new storm drainage systems or levees to protect at-risk structures.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Ongoing	Not Applicable	Not Applicable
Seek funding for, prioritize and remove and/or relocate at-risk structures or construction of improved or new storm drainage systems or levees to protect at-risk structures.	Not Applicable	Ongoing	Ongoing	Ongoing	Ongoing	Completed	Not Applicable	Not Applicable	Ongoing	Ongoing	Ongoing
Structural stability analysis of Huffman Dam to assess any risks and develop a rehabilitation strategy, if necessary.	Ongoing	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Update dam maintenance programs and services.	Ongoing	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Develop and distribute information about risks associated with drought.	Ongoing	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Ongoing	Not Applicable	Not Applicable	Not Applicable
Require compliance and enforcement of existing building codes.	Ongoing	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Ongoing	Not Applicable	Not Applicable	Not Applicable
Establish clearly identified places of refuge within public facilities and spaces, neighborhoods, and businesses.	Ongoing	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Establish program(s) providing air conditioning to at-risk populations.	Ongoing	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable

Action Item	Greene County	City of Beavercreek	City of Bellbrook	City of Fairborn	City of Xenia	Village of Bowersville	Village of Cedarville	Village of Clifton	Village of Jamestown	Village of Spring Valley	Village of Yellow Spring
Provide water and shade at all public outdoor events during extreme heat.	Ongoing	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Ongoing	Not Applicable	Not Applicable	Not Applicable
Adams St/Mitman Park Drainage Construction.	Not Applicable	Not Applicable	Not Applicable	Ongoing	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Adams St/Mitman Park Drainage Design.	Not Applicable	Not Applicable	Not Applicable	Ongoing	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Beaver control measures.	Not Applicable	Not Applicable	Not Applicable	Ongoing	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Chapel Drive at Sycamore Drainage Materials.	Not Applicable	Not Applicable	Not Applicable	Ongoing	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Circle Drive storm drainage improvements.	Not Applicable	Not Applicable	Not Applicable	Ongoing	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Colonel Glenn drainage improvements.	Not Applicable	Not Applicable	Not Applicable	Ongoing	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Dayton-Yellow Springs drainage improvement – Commerce Center area.	Not Applicable	Not Applicable	Not Applicable	Ongoing	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Develop a set of planned alternative routes and gate frequently flooded areas and inform the citizens.	Ongoing	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Develop and distribute an informational brochure on the types of homeowner's hazard insurance, i.e. flood, fire, earthquake, etc.	Ongoing	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Drainage area easement procurements.	Not Applicable	Not Applicable	Not Applicable	Ongoing	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Enclose Redbank Ditch between Kauffman and Maple Avenue.	Not Applicable	Not Applicable	Not Applicable	Ongoing	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Encourage regular and periodic pier inspections for bridges.	Ongoing	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Encourage watershed and wetland planning, as well as natural resource management in conjunction with land-use planning for natural hazard mitigation.	Ongoing	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable

Action Item	Greene County	City of Beavercreek	City of Bellbrook	City of Fairborn	City of Xenia	Village of Bowersville	Village of Cedarville	Village of Clifton	Village of Jamestown	Village of Spring Valley	Village of Yellow Spring
Establish a Flood Diversion program for roads in Greene County using the Hyper Reach mass notification system.	Ongoing	Ongoing	Ongoing	Ongoing	Ongoing	Deleted	Not Applicable	Not Applicable	Ongoing	Ongoing	Ongoing
Fairfield Park drainage improvements.	Not Applicable	Not Applicable	Not Applicable	Ongoing	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Fairfield Park pervious pavement of parking lots.	Not Applicable	Not Applicable	Not Applicable	Ongoing	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Hebble Creek creek reprofiling.	Not Applicable	Not Applicable	Not Applicable	Ongoing	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Hebble Creek Culvert Replacement, Central Ave.	Not Applicable	Not Applicable	Not Applicable	Ongoing	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Hebble Creek Culvert Replacement, Elm and Dayton Drive.	Not Applicable	Not Applicable	Not Applicable	Ongoing	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Hebble Creek engineering study.	Not Applicable	Not Applicable	Not Applicable	Ongoing	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Hidden Hills detection basin modifications.	Not Applicable	Not Applicable	Not Applicable	Ongoing	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Highview Drive storm sewer design and construction.	Not Applicable	Not Applicable	Not Applicable	Ongoing	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Identify at-risk structures in Special Flood Hazard Area.	Ongoing	Ongoing	Ongoing	Ongoing	Ongoing	Deleted	Not Applicable	Not Applicable	Ongoing	Not Applicable	Ongoing
Ironwood Drive storm sewer design & construction.	Not Applicable	Not Applicable	Not Applicable	Ongoing	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Kauffman Avenue drainage improvements.	Not Applicable	Not Applicable	Not Applicable	Ongoing	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Langview/Royal Oaks storm sewer design & construction.	Not Applicable	Not Applicable	Not Applicable	Ongoing	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Lincoln Drive storm sewer improvements construction.	Not Applicable	Not Applicable	Not Applicable	Ongoing	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Mark Lane ditch renovation.	Not Applicable	Not Applicable	Not Applicable	Ongoing	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable

Action Item	Greene County	City of Beavercreek	City of Bellbrook	City of Fairborn	City of Xenia	Village of Bowersville	Village of Cedarville	Village of Clifton	Village of Jamestown	Village of Spring Valley	Village of Yellow Spring
Massie Creek US 68 N property acquisition; Kaufman/Washington Mill/Patterson.	Ongoing	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Pleasant View Drainage, Phase I Construction – Redbank Parallel Trunk Sewer.	Not Applicable	Not Applicable	Not Applicable	Ongoing	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Pleasant View Drainage, Phase II Construction – Dellwood Drive Sewer	Not Applicable	Not Applicable	Not Applicable	Ongoing	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Pleasant View Drainage, Phase II Design – Dellwood Drive Sewer.	Not Applicable	Not Applicable	Not Applicable	Ongoing	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Pleasant View Drainage, Phase III Construction – Florence Avenue Sewer.	Not Applicable	Not Applicable	Not Applicable	Ongoing	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Pleasant View Drainage, Phase III Design – Florence Avenue Sewer.	Not Applicable	Not Applicable	Not Applicable	Ongoing	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Pleasant View Drainage, Phase IV Design & Construction – Pat Lane & NE Sewer.	Not Applicable	Not Applicable	Not Applicable	Ongoing	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Purchase a second pump for the stormwater system.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Ongoing	Not Applicable
Redbank Ditch retaining wall replacement.	Not Applicable	Not Applicable	Not Applicable	Ongoing	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Redstone Drive storm sewer design & construction.	Not Applicable	Not Applicable	Not Applicable	Ongoing	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Rehabilitate/reconstruct E. Third Street Retaining Wall to avoid further erosion and prevent structure(s) from vulnerability to flooding.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Seek funding for the acquisition, elevation, or retrofit of structures with repetitive loss flood insurance claims through voluntary (owner) mitigation actions.	Not Applicable	Deleted	Not Applicable	Ongoing	Ongoing	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Stormwater master plan.	Not Applicable	Not Applicable	Not Applicable	Ongoing	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable

Action Item	Greene County	City of Beavercreek	City of Bellbrook	City of Fairborn	City of Xenia	Village of Bowersville	Village of Cedarville	Village of Clifton	Village of Jamestown	Village of Spring Valley	Village of Yellow Spring
Sycamore Street property acquisitions (3 structures and 5 parcels of land that are prone to flooding).	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Ongoing	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Update stormwater systems and reline sewer system.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Ongoing
Upper Orville Street Storm Improvements Design & Construction.	Not Applicable	Not Applicable	Not Applicable	Ongoing	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Widen the culvert from SR 72 to West Xenia Ave. It is insufficient, needs to be 36 inches.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Wrightview Park plat storm sewer.	Not Applicable	Not Applicable	Not Applicable	Ongoing	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Educate the public, businesses and residents, of the importance of creating hazard contingency plans (May be included in materials about natural hazard risk).	Ongoing	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Ongoing	Not Applicable	Not Applicable	Not Applicable
Partner with organizations whose mission is to restore or preserve beneficial natural systems (wetlands, watersheds, etc.).	Ongoing	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Develop and complete a baseline survey to gather citizens' perceptions of the risks associated with natural disasters and the tools and services available to the public to reduce risk.	Ongoing	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Develop and complete a periodic post-educational campaign surveys to gather citizens' perceptions of the risks associated with natural disasters and the tools and services available to the public to reduce risk (Method to measure the effectiveness of educational campaigns).	Ongoing	Not Applicable	Ongoing	Ongoing	Ongoing	Not Applicable	Not Applicable	Not Applicable	Ongoing	Ongoing	Not Applicable

Action Item	Greene County	City of Beavercreek	City of Bellbrook	City of Fairborn	City of Xenia	Village of Bowersville	Village of Cedarville	Village of Clifton	Village of Jamestown	Village of Spring Valley	Village of Yellow Spring
Develop and distribute information about risks associated with the identified natural disasters affecting the County.	Ongoing	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Ongoing	Not Applicable	Not Applicable	Not Applicable
Encourage code enforcement and engineering practitioners to enroll in seminars/classes offered by accredited building training centers that showcase the latest materials and techniques in natural hazard resistant construction.	Ongoing	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Encourage jurisdictions to prevent or prohibit new development in areas vulnerable to natural hazards.	Ongoing	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Encourage mitigation measures for existing development in areas vulnerable to natural hazards.	Ongoing	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Encourage the cooperation of neighbors to include, but not limited to: Contingency plans for the evacuation and care of neighboring families and pets and communication among the neighbors in the event of a natural hazard.; Contingency plans for checking-in on the shut-in and frail elderly neighbors.	Ongoing	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Ongoing	Not Applicable	Not Applicable	Not Applicable
Two maps should be generated as established in the Miami Valley Emergency Operations Plan, 1993, Annex L, Damage Assessment, PG L-5. One map should graphically display Public damage where the worst damage is located and where minimal damage is located. The second should address the same for Private damages.	Ongoing	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Develop a program providing assistance for the disparate population.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Ongoing

Action Item	Greene County	City of Beavercreek	City of Bellbrook	City of Fairborn	City of Xenia	Village of Bowersville	Village of Cedarville	Village of Clifton	Village of Jamestown	Village of Spring Valley	Village of Yellow Spring
Develop and distribute information/education on weather-related-preparedness tools and resources, i.e. sources to purchase such material, etc.	Ongoing	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Ongoing	Not Applicable	Not Applicable	Not Applicable
Develop and launch awareness/educational campaigns to increase knowledge of weather alert methods (alert radios, e-mail, cell phones, etc.).	Ongoing	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Ongoing	Not Applicable	Not Applicable	Not Applicable
Educate the public on the importance of properly trimming and maintaining the trees on their property (may be included in materials about natural hazard risk).	Ongoing	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Ongoing	Not Applicable	Not Applicable	Not Applicable
Encourage the use of vinyl siding to reduce dent damage due to hail incidents.	Ongoing	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Encourage utility companies to hire tree trimming contractors who are capable of a more citizen friendly trimming service	Ongoing	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Ongoing	Not Applicable	Not Applicable	Not Applicable
Furnish and install a 25KW Emergency Standby Generator with Automatic Transfer Switch at Gerspacher Water Tower. This generator is needed to maintain communications.	Ongoing	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Furnish and install a 25KW Emergency Standby Generator with Automatic Transfer Switch at Indian Ripple Water Tower. This generator is needed to maintain communications.	Ongoing	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Furnish and install a 40KW Emergency Standby Generator with Automatic Transfer Switch at the Valley Well Field for wells 11 and 12. This generator is needed to maintain continuous service to the potable water system.	Ongoing	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable

Action Item	Greene County	City of Beavercreek	City of Bellbrook	City of Fairborn	City of Xenia	Village of Bowersville	Village of Cedarville	Village of Clifton	Village of Jamestown	Village of Spring Valley	Village of Yellow Spring
Furnish and install an emergency generator with automatic transfer switch at the Environmental Services facility. The facility is the receiving facility for storm debris and 24/7 operation could be needed.	Ongoing	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Install underground power lines.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Ongoing
Purchase a generator.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Ongoing	Not Applicable
Supply equipment to manage storm debris.	Ongoing	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Ongoing	Not Applicable	Not Applicable	Not Applicable
Supply two portable generators with emergency connections to be used at sanitary lift stations and potable water pump stations during power outages.	Ongoing	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Establish and encourage the use of weather warning radios in all public spaces, businesses, and residences.	Ongoing	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Generator upgrade for jail.	Deleted	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
High impact window coverings for jail.	Deleted	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Purchase and install a security camera system.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Ongoing
Upgrade windows to high impact windows on schools.	Ongoing	Ongoing	Ongoing	Ongoing	Ongoing	Not Applicable	Not Applicable	Not Applicable	Ongoing	Not Applicable	Not Applicable
Appeal to the State to enhance or create wind/impact resistant Ohio Basic Building Code(s).	Ongoing	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Construct tornado safe rooms in public areas and neighborhoods without basements.	Ongoing	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable

Action Item	Greene County	City of Beavercreek	City of Bellbrook	City of Fairborn	City of Xenia	Village of Bowersville	Village of Cedarville	Village of Clifton	Village of Jamestown	Village of Spring Valley	Village of Yellow Spring
Encourage the use of wind and impact resistant building components designed to withstand tornado strength winds.	Ongoing	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
In the event a county-wide warning siren system cannot be achieved, the following jurisdictions have requested funding to replace existing equipment or install new equipment: Jamestown.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Ongoing	Not Applicable	Not Applicable
Install a tornado siren in the center of town on the corner of Maysville St. and Hussey Rd.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Ongoing	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Install a tornado warning system on the north end of town near the university campus.	Ongoing	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Request legislation requiring tornado safe rooms in new mobile home communities and new residential communities without basements.	Ongoing	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Seek $2.1 million in funding to install a county-wide tornado warning system complete with battery backup in communities with inadequate coverage, or no tornado siren systems.	Ongoing	Ongoing	Ongoing	Ongoing	Ongoing	Ongoing	Not Applicable	Not Applicable	Ongoing	Ongoing	Not Applicable
Supply of a portable 6-inch bypass pump that will be used to bypass pump the sanitary sewer in the event of a catastrophic failure of the system. The proximity of local streams, creeks, and rivers make this equipment a higher priority to prevent pollution of the environment.	Ongoing	Not Applicable	Not Applicable	#VALUE!	Not Applicable	#VALUE!	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Supply of an emergency response trailer including chainsaws, traffic safety signage, and proper PPE.	Ongoing	Not Applicable	Not Applicable	Ongoing	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Test the effectiveness of tornado sirens.	Ongoing	Not Applicable	Not Applicable	Ongoing	Not Applicable	Not Applicable	Not Applicable	Ongoing	Not Applicable	Not Applicable	Not Applicable

Action Item	Greene County	City of Beavercreek	City of Bellbrook	City of Fairborn	City of Xenia	Village of Bowersville	Village of Cedarville	Village of Clifton	Village of Jamestown	Village of Spring Valley	Village of Yellow Spring
Tornado safe rooms for Kitridge Road, Spangler Road and Spring Valley and State Route 725 Trailer Parks.	Ongoing	Not Applicable	Not Applicable	Ongoing	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Village administrative building that can double as shelter from tornadoes for community members and a command center for disasters and other emergencies that occur in the Village or the eastern half of Greene County.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Ongoing	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Launch educational campaigns through public/government cable channels and newsletters, websites, street festivals, libraries, school functions, etc.	Ongoing	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Ongoing	Not Applicable	Not Applicable	Not Applicable
Monitoring wells for the source water contamination.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Ongoing
Develop and distribute information about risks associated with wildfires.	Ongoing	Not Applicable	Not Applicable	Ongoing	Not Applicable	Not Applicable	Not Applicable	Ongoing	Not Applicable	Not Applicable	Not Applicable
Support tree-trimming to prevent limb breakage and safeguard nearby utility lines during severe storm events.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Ongoing	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Install a tornado warning system.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Ongoing	Not Applicable	Not Applicable	Not Applicable
Associated Number											
Concrete, structural repairs, and other improvements at Huffman Dam.	1	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Construct or repair storm drainage systems and/or levees.	2	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Develop a dam failure evacuation plan for Huffman Dam.	3	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Push in the old water retention reservoir that is no longer in use. It is a breeding area for rodents and mosquitoes and a drowning risk for area youth.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	3	Not Applicable	Not Applicable	Not Applicable	Not Applicable

Action Item	Greene County	City of Beavercreek	City of Bellbrook	City of Fairborn	City of Xenia	Village of Bowersville	Village of Cedarville	Village of Clifton	Village of Jamestown	Village of Spring Valley	Village of Yellow Spring
Seek funding for new storm drainage systems or levees to protect at-risk structures.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	3	Not Applicable	Not Applicable
Seek funding for, prioritize and remove and/or relocate at-risk structures or construction of improved or new storm drainage systems or levees to protect at-risk structures.	Not Applicable	3	1	37	3	Not Applicable	Not Applicable	Not Applicable	4	3	3
Structural stability analysis of Huffman Dam to assess any risks and develop a rehabilitation strategy, if necessary.	6	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Update dam maintenance programs and services.	7	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Develop and distribute information about risks associated with drought.	8	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	3	Not Applicable	Not Applicable	Not Applicable
Require compliance and enforcement of existing building codes.	11	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	5	Not Applicable	Not Applicable	Not Applicable
Establish clearly identified places of refuge within public facilities and spaces, neighborhoods, and businesses.	31	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Establish program(s) providing air conditioning to at-risk populations.	9	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Provide water and shade at all public outdoor events during extreme heat.	10	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	4	Not Applicable	Not Applicable	Not Applicable
Adams St/Mitman Park Drainage Construction.	Not Applicable	Not Applicable	Not Applicable	5	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Adams St/Mitman Park Drainage Design.	Not Applicable	Not Applicable	Not Applicable	6	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Beaver control measures.	Not Applicable	Not Applicable	Not Applicable	43	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Chapel Drive at Sycamore Drainage Materials.	Not Applicable	Not Applicable	Not Applicable	44	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Circle Drive storm drainage improvements.	Not Applicable	Not Applicable	Not Applicable	50	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable

Action Item	Greene County	City of Beavercreek	City of Bellbrook	City of Fairborn	City of Xenia	Village of Bowersville	Village of Cedarville	Village of Clifton	Village of Jamestown	Village of Spring Valley	Village of Yellow Spring
Colonel Glenn drainage improvements.	Not Applicable	Not Applicable	Not Applicable	7	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Dayton-Yellow Springs drainage improvement – Commerce Center area.	Not Applicable	Not Applicable	Not Applicable	8	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Develop a set of planned alternative routes and gate frequently flooded areas and inform the citizens.	14	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Develop and distribute an informational brochure on the types of homeowner's hazard insurance, i.e. flood, fire, earthquake, etc.	15	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Drainage area easement procurements.	Not Applicable	Not Applicable	Not Applicable	9	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Enclose Redbank Ditch between Kauffman and Maple Avenue.	Not Applicable	Not Applicable	Not Applicable	10	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Encourage regular and periodic pier inspections for bridges.	16	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Encourage watershed and wetland planning, as well as natural resource management in conjunction with land-use planning for natural hazard mitigation.	17	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Establish a Flood Diversion program for roads in Greene County using the Hyper Reach mass notification system.	19	5	2	13	5	Not Applicable	Not Applicable	Not Applicable	6	5	5
Fairfield Park drainage improvements.	Not Applicable	Not Applicable	Not Applicable	14	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Fairfield Park pervious pavement of parking lots.	Not Applicable	Not Applicable	Not Applicable	15	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Hebble Creek creek reprofiling.	Not Applicable	Not Applicable	Not Applicable	16	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Hebble Creek Culvert Replacement, Central Ave.	Not Applicable	Not Applicable	Not Applicable	17	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable

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Hebble Creek Culvert Replacement, Elm and Dayton Drive.	Not Applicable	Not Applicable	Not Applicable	18	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Hebble Creek engineering study.	Not Applicable	Not Applicable	Not Applicable	19	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Hidden Hills detection basin modifications.	Not Applicable	Not Applicable	Not Applicable	20	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Highview Drive storm sewer design and construction.	Not Applicable	Not Applicable	Not Applicable	21	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Identify at-risk structures in Special Flood Hazard Area.	20	6	3	22	6	Not Applicable	Not Applicable	Not Applicable	7	Not Applicable	6
Ironwood Drive storm sewer design & construction.	Not Applicable	Not Applicable	Not Applicable	23	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Kauffman Avenue drainage improvements.	Not Applicable	Not Applicable	Not Applicable	24	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Langview/Royal Oaks storm sewer design & construction.	Not Applicable	Not Applicable	Not Applicable	25	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Lincoln Drive storm sewer improvements construction.	Not Applicable	Not Applicable	Not Applicable	26	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Mark Lane ditch renovation.	Not Applicable	Not Applicable	Not Applicable	27	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Massie Creek US 68 N property acquisition; Kaufman/Washington Mill/Patterson.	21	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Pleasant View Drainage, Phase I Construction – Redbank Parallel Trunk Sewer.	Not Applicable	Not Applicable	Not Applicable	28	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Pleasant View Drainage, Phase II Construction – Dellwood Drive Sewer	Not Applicable	Not Applicable	Not Applicable	29	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Pleasant View Drainage, Phase II Design – Dellwood Drive Sewer.	Not Applicable	Not Applicable	Not Applicable	30	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Pleasant View Drainage, Phase III Construction – Florence Avenue Sewer.	Not Applicable	Not Applicable	Not Applicable	31	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable

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Pleasant View Drainage, Phase III Design – Florence Avenue Sewer.	Not Applicable	Not Applicable	Not Applicable	32	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Pleasant View Drainage, Phase IV Design & Construction – Pat Lane & NE Sewer.	Not Applicable	Not Applicable	Not Applicable	33	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Purchase a second pump for the stormwater system.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	6	Not Applicable
Redbank Ditch retaining wall replacement.	Not Applicable	Not Applicable	Not Applicable	34	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Redstone Drive storm sewer design & construction.	Not Applicable	Not Applicable	Not Applicable	35	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Rehabilitate/reconstruct E. Third Street Retaining Wall to avoid further erosion and prevent structure(s) from vulnerability to flooding.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Seek funding for the acquisition, elevation, or retrofit of structures with repetitive loss flood insurance claims through voluntary (owner) mitigation actions.	Not Applicable	Not Applicable	Not Applicable	36	9	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Stormwater master plan.	Not Applicable	Not Applicable	Not Applicable	38	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Sycamore Street property acquisitions (3 structures and 5 parcels of land that are prone to flooding).	Not Applicable	Not Applicable	Not Applicable	Not Applicable	7	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Update stormwater systems and reline sewer system.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	7
Upper Orville Street Storm Improvements Design & Construction.	Not Applicable	Not Applicable	Not Applicable	39	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Widen the culvert from SR 72 to West Xenia Ave. It is insufficient, needs to be 36 inches.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Wrightview Park plat storm sewer.	Not Applicable	Not Applicable	Not Applicable	40	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable

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Educate the public, businesses and residents, of the importance of creating hazard contingency plans (May be included in materials about natural hazard risk).	26	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	10	Not Applicable	Not Applicable	Not Applicable
Partner with organizations whose mission is to restore or preserve beneficial natural systems (wetlands, watersheds, etc.).	22	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Develop and complete a baseline survey to gather citizens' perceptions of the risks associated with natural disasters and the tools and services available to the public to reduce risk.	23	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Develop and complete a periodic post-educational campaign surveys to gather citizens' perceptions of the risks associated with natural disasters and the tools and services available to the public to reduce risk (Method to measure the effectiveness of educational campaigns).	24	Not Applicable	4	45	8	Not Applicable	Not Applicable	Not Applicable	8	7	Not Applicable
Develop and distribute information about risks associated with the identified natural disasters affecting the County.	25	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	9	Not Applicable	Not Applicable	Not Applicable
Encourage code enforcement and engineering practitioners to enroll in seminars/classes offered by accredited building training centers that showcase the latest materials and techniques in natural hazard resistant construction.	27	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Encourage jurisdictions to prevent or prohibit new development in areas vulnerable to natural hazards.	28	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable

Action Item	Greene County	City of Beavercreek	City of Bellbrook	City of Fairborn	City of Xenia	Village of Bowersville	Village of Cedarville	Village of Clifton	Village of Jamestown	Village of Spring Valley	Village of Yellow Spring
Encourage mitigation measures for existing development in areas vulnerable to natural hazards.	29	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Encourage the cooperation of neighbors to include but not limited to: Contingency plans for the evacuation and care of neighboring families and pets and communication among the neighbors in the event of a natural hazard.; Contingency plans for checking- in on the shut-in and frail elderly neighbors.	30	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	11	Not Applicable	Not Applicable	Not Applicable
Two maps should be generated as established in the Miami Valley Emergency Operations Plan, 1993, Annex L, Damage Assessment, PG L-5. One map should graphically display Public damage where the worst damage is located and where minimal damage is located. The second should address the same for Private damages.	34!	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Develop a program providing assistance for the disparate population.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	8
Develop and distribute information/education on weather-related-preparedness tools and resources, i.e. sources to purchase such material, etc.	37	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	14	Not Applicable	Not Applicable	Not Applicable
Develop and launch awareness/educational campaigns to increase knowledge of weather alert methods (alert radios, e-mail, cell phones, etc.).	38	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	15	Not Applicable	Not Applicable	Not Applicable
Educate the public on the importance of properly trimming and maintaining the trees on their property (may be included in materials about natural hazard risk).	39	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	16	Not Applicable	Not Applicable	Not Applicable

Action Item	Greene County	City of Beavercreek	City of Bellbrook	City of Fairborn	City of Xenia	Village of Bowersville	Village of Cedarville	Village of Clifton	Village of Jamestown	Village of Spring Valley	Village of Yellow Spring
Encourage the use of vinyl siding to reduce dent damage due to hail incidents.	40	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Encourage utility companies to hire tree trimming contractors who are capable of a more citizen friendly trimming service	41	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	17	Not Applicable	Not Applicable	Not Applicable
Furnish and install a 25KW Emergency Standby Generator with Automatic Transfer Switch at Gerspacher Water Tower. This generator is needed to maintain communications.	42	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Furnish and install a 25KW Emergency Standby Generator with Automatic Transfer Switch at Indian Ripple Water Tower. This generator is needed to maintain communications.	43	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Furnish and install a 40KW Emergency Standby Generator with Automatic Transfer Switch at the Valley Well Field for wells 11 and 12. This generator is needed to maintain continuous service to the potable water system.	44	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Furnish and install an emergency generator with automatic transfer switch at the Environmental Services facility. The facility is the receiving facility for storm debris and 24/7 operation could be needed.	45	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Install underground power lines.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	12
Purchase a generator.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	9	Not Applicable
Supply equipment to manage storm debris.	47	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	19	Not Applicable	Not Applicable	Not Applicable

Action Item	Greene County	City of Beavercreek	City of Bellbrook	City of Fairborn	City of Xenia	Village of Bowersville	Village of Cedarville	Village of Clifton	Village of Jamestown	Village of Spring Valley	Village of Yellow Spring
Supply two portable generators with emergency connections to be used at sanitary lift stations and potable water pump stations during power outages.	48	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Establish and encourage the use of weather warning radios in all public spaces, businesses, and residences.	49	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Generator upgrade for jail.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
High impact window coverings for jail.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Purchase and install a security camera system.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	10
Upgrade windows to high impact windows on schools.	35	8	5	46	11	Not Applicable	Not Applicable	Not Applicable	9	Not Applicable	Not Applicable
Appeal to the State to enhance or create wind/impact resistant Ohio Basic Building Code(s).	50	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Construct tornado safe rooms in public areas and neighborhoods without basements.	51	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Encourage the use of wind and impact resistant building components designed to withstand tornado strength winds.	52	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
In the event a county-wide warning siren system cannot be achieved, the following jurisdictions have requested funding to replace existing equipment or install new equipment: Jamestown.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	11	Not Applicable	Not Applicable
Install a tornado siren in the center of town on the corner of Maysville St. and Hussey Rd.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	3	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Install a tornado warning system on the north end of town near the university campus.	53	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable

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Request legislation requiring tornado safe rooms in new mobile home communities and new residential communities without basements.	55	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Seek $2.1 million in funding to install a county-wide tornado warning system complete with battery backup in communities with inadequate coverage, or no tornado siren systems.	56	10	7	52	13	4	Not Applicable	Not Applicable	12	10	Not Applicable
Supply of a portable 6-inch bypass pump that will be used to bypass pump the sanitary sewer in the event of a catastrophic failure of the system. The proximity of local streams, creeks, and rivers make this equipment a higher priority to prevent pollution of the environment.	57	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Supply of an emergency response trailer including chainsaws, traffic safety signage, and proper PPE.	58	Not Applicable	Not Applicable	53	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Test the effectiveness of tornado sirens.	59	Not Applicable	Not Applicable	54	Not Applicable	Not Applicable	Not Applicable	8	Not Applicable	Not Applicable	Not Applicable
Tornado safe rooms for Kitridge Road, Spangler Road and Spring Valley and State Route 725 Trailer Parks.	60	Not Applicable	Not Applicable	55	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Village administrative building that can double as shelter from tornadoes for community members and a command center for disasters and other emergencies that occur in the Village or the eastern half of Greene County.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	6	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Launch educational campaigns through public/government cable channels and newsletters, websites, street festivals, libraries, school functions, etc.	32	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	12	Not Applicable	Not Applicable	Not Applicable
Monitoring wells for the source water contamination.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	9

Action Item	Greene County	City of Beavercreek	City of Bellbrook	City of Fairborn	City of Xenia	Village of Bowersville	Village of Cedarville	Village of Clifton	Village of Jamestown	Village of Spring Valley	Village of Yellow Spring
Develop and distribute information about risks associated with wildfires.	61	Not Applicable	Not Applicable	56	Not Applicable	Not Applicable	Not Applicable	21	Not Applicable	Not Applicable	Not Applicable
Support tree-trimming to prevent limb breakage and safeguard nearby utility lines during severe storm events.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	10	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Install a tornado warning system.	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	20	Not Applicable	Not Applicable	Not Applicable

Appendix C: Community Lifelines List

The following table provides a summary of the number of community lifelines (critical facilities) categorized by each type.

Component	Count
Colleges and Universities	12
Fire Station	23
Health Department	1
Hospital	3
Local Police Department	13
Mobile Home Park	7
Nursing Home	25
Pharmacy	28
Places of Worship	38
Power Plant	2
Prison	4
Private School	9
Public School	37
Water Treatment Plant	9

Appendix D: Sources

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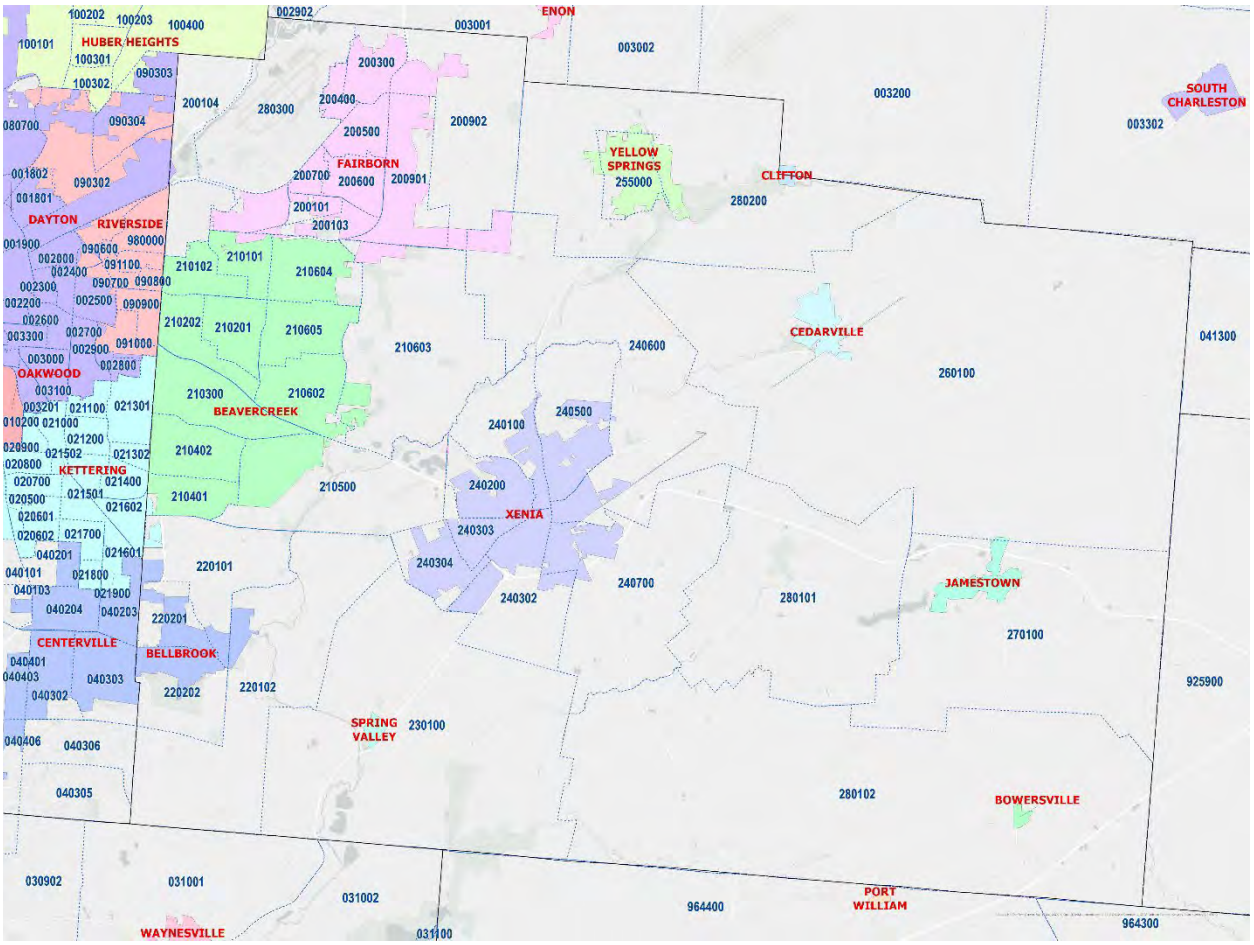
Appendix E: National Risk Index

Greene County Census Tracts:



National Risk Index

March 07, 2025

Risk Comparison Report

Use this report to determine how risk factors in selected communities compare to each other. Click a community name in any table below to open an individual risk profile report for that community and review its risk factors in more detail.

While reviewing this report, keep in mind that low risk is driven by lower loss due to natural hazards, lower social vulnerability, and higher community resilience.

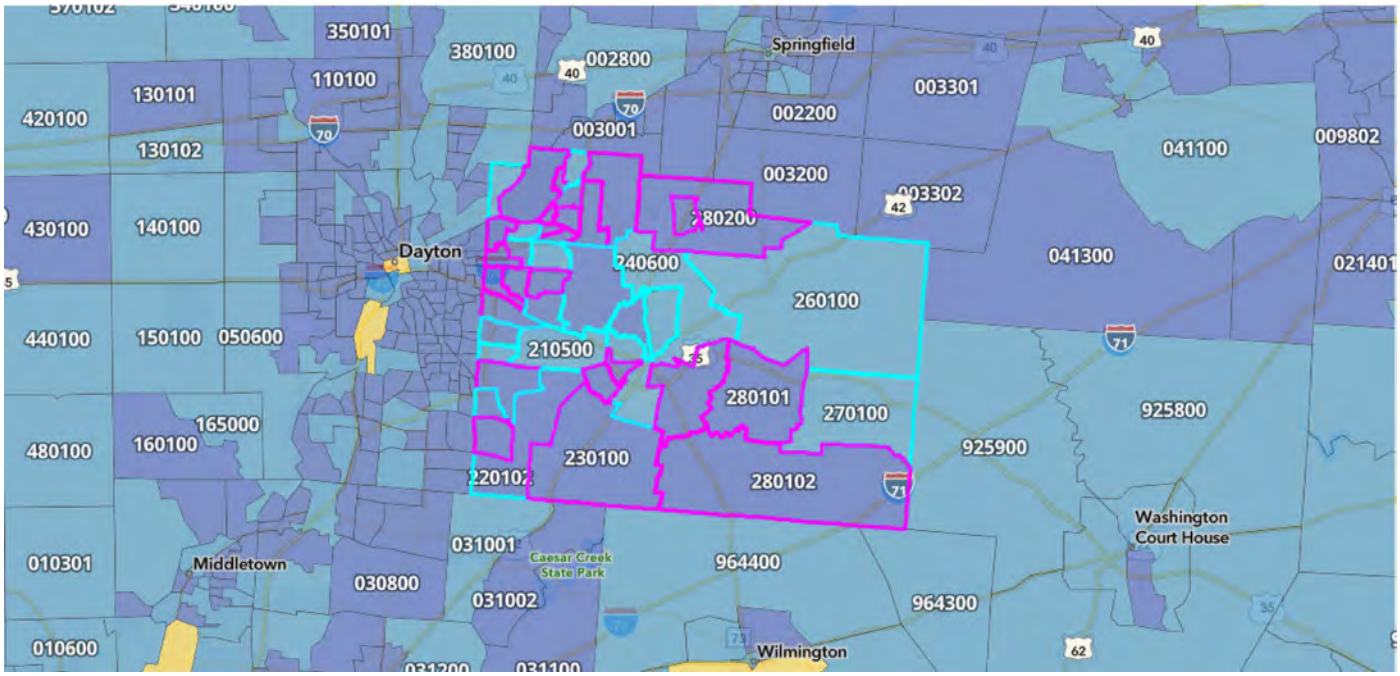
For more information about the National Risk Index, its data, and how to interpret the information it provides, please review the **About the National Risk Index** and **How to Take Action** sections at the end of this report. Or, visit the National Risk Index website at **hazards.fema.gov/nri/learn-more** to access supporting documentation and links.

Note:

This report includes information about only the 20 highest-risk communities selected. The following 22 communities were originally selected but have been excluded from this report:

Census tract 39057200101, Census tract 39057200103, Census tract 39057200400, Census tract 39057200600, Census tract 39057200700, Census tract 39057200901, Census tract 39057200902, Census tract 39057210102, Census tract 39057210201, Census tract 39057210202, Census tract 39057210300, Census tract 39057210605, Census tract 39057220101, Census tract 39057220202, Census tract 39057230100, Census tract 39057240303, Census tract 39057240304, Census tract 39057240700, Census tract 39057280101, Census tract 39057280102, Census tract 39057280200, Census tract 39057280300

Risk Index



Risk Index Legend

Very High | Relatively High | Relatively Moderate | Relatively Low | Very Low

No Rating | Not Applicable | Insufficient Data

Rank	Community	State	Risk Index Rating	Risk Index Score	National Percentile
1	Census tract 39057240600	OH	Relatively Low	44.28	0 100
2	Census tract 39057260100	OH	Relatively Low	43.89	0 100
3	Census tract 39057200104	OH	Relatively Low	42.11	0 100
4	Census tract 39057240302	OH	Relatively Low	38.03	0 100
5	Census tract 39057210500	OH	Relatively Low	37.63	0 100
6	Census tract 39057240500	OH	Relatively Low	34.93	0 100
7	Census tract 39057240200	OH	Relatively Low	32.98	0 100
8	Census tract 39057210604	OH	Relatively Low	32.06	0 100
9	Census tract 39057210401	OH	Relatively Low	31.94	0 100
10	Census tract 39057200300	OH	Relatively Low	30.25	0 100
11	Census tract 39057270100	OH	Relatively Low	28.03	0 100
12	Census tract 39057210603	OH	Very Low	27.23	0 100
	22 lower-risk communities were omitted from this report.				

Rank	Community	State	Risk Index Rating	Risk Index Score	National Percentile
13	Census tract 39057210602	OH	Very Low	25	0 100
14	Census tract 39057210101	OH	Very Low	24.89	0 100
15	Census tract 39057210402	OH	Very Low	23.82	0 100
16	Census tract 39057200500	OH	Very Low	22.4	0 100
17	Census tract 39057255000	OH	Very Low	21.8	0 100
18	Census tract 39057220102	OH	Very Low	20.98	0 100
19	Census tract 39057240100	OH	Very Low	20.79	0 100
20	Census tract 39057220201	OH	Very Low	20.5	0 100
	22 lower-risk communities were omitted from this report.				

Rank	Community	State	EAL Value	Social Vulnerability	Community Resilience	CRF	Risk Value	Risk Index Score
1	Census tract 39057240600	OH	$351,517	Relatively High	Very High	1.29	$453,440	44.28
2	Census tract 39057260100	OH	$509,448	Relatively Low	Very High	0.88	$448,918	43.89
3	Census tract 39057200104	OH	$361,589	Relatively Moderate	Very High	1.18	$427,946	42.11
4	Census tract 39057240302	OH	$264,510	Very High	Very High	1.45	$383,668	38.03
5	Census tract 39057210500	OH	$457,874	Very Low	Very High	0.83	$379,375	37.63
6	Census tract 39057240500	OH	$300,518	Relatively Moderate	Very High	1.17	$352,653	34.93
7	Census tract 39057240200	OH	$227,204	Very High	Very High	1.47	$333,502	32.98
8	Census tract 39057210604	OH	$342,226	Relatively Low	Very High	0.95	$324,644	32.06
9	Census tract 39057210401	OH	$304,290	Relatively Moderate	Very High	1.06	$323,754	31.94
10	Census tract 39057200300	OH	$233,331	Relatively High	Very High	1.32	$308,381	30.25
11	Census tract 39057270100	OH	$268,691	Relatively Moderate	Very High	1.07	$288,560	28.03
12	Census tract 39057210603	OH	$514,897	Very Low	Very High	0.55	$281,664	27.23
13	Census tract 39057210602	OH	$395,561	Very Low	Very High	0.66	$262,289	25
14	Census tract 39057210101	OH	$346,417	Very Low	Very High	0.75	$261,515	24.89
15	Census tract 39057210402	OH	$282,195	Relatively Low	Very High	0.9	$252,700	23.82
16	Census tract 39057200500	OH	$203,412	Relatively Moderate	Very High	1.19	$241,447	22.4
17	Census tract 39057255000	OH	$232,348	Relatively Low	Very High	1.02	$236,774	21.8
18	Census tract 39057220102	OH	$414,631	Very Low	Very High	0.56	$230,249	20.98
19	Census tract 39057240100	OH	$181,263	Relatively High	Very High	1.26	$228,741	20.79
	22 lower-risk communities were omitted from this report.							

Rank	Community	State	EAL Value	Social Vulnerability	Community Resilience	CRF	Risk Value	Risk Index Score
20	Census tract 39057220201	OH	$290,582	Very Low	Very High	0.78	$226,544	20.5
	22 lower-risk communities were omitted from this report.							

Hazard Type Risk Index

Hazard type Risk Index scores are calculated using data for only a single hazard type, and reflect a community's relative risk for only that hazard type.

Avalanche

Rank	Community	State	Risk Index Rating	Risk Index Score	National Percentile
	Census tract 39057200104	OH	Not Applicable		
	Census tract 39057200300	OH	Not Applicable		
	Census tract 39057200500	OH	Not Applicable		
	Census tract 39057210101	OH	Not Applicable		
	Census tract 39057210401	OH	Not Applicable		
	Census tract 39057210402	OH	Not Applicable		
	Census tract 39057210500	OH	Not Applicable		
	Census tract 39057210602	OH	Not Applicable		
	Census tract 39057210603	OH	Not Applicable		
	Census tract 39057210604	OH	Not Applicable		
	Census tract 39057220102	OH	Not Applicable		
	Census tract 39057220201	OH	Not Applicable		
	Census tract 39057240100	OH	Not Applicable		
	Census tract 39057240200	OH	Not Applicable		
	Census tract 39057240302	OH	Not Applicable		
	Census tract 39057240500	OH	Not Applicable		
	Census tract 39057240600	OH	Not Applicable		
	Census tract 39057255000	OH	Not Applicable		
	Census tract 39057260100	OH	Not Applicable		
	Census tract 39057270100	OH	Not Applicable		
	22 lower-risk communities were omitted from this report.				

Rank	Community	State	EAL Value	Social Vulnerability	Community Resilience	CRF	Risk Value	Risk Index Score
	Census tract 39057200104	OH	N/A	Relatively Moderate	Very High	1.18	N/A	N/A
	Census tract 39057200300	OH	N/A	Relatively High	Very High	1.32	N/A	N/A
	22 lower-risk communities were omitted from this report.							

Rank	Community	State	EAL Value	Social Vulnerability	Community Resilience	CRF	Risk Value	Risk Index Score
	Census tract 39057200500	OH	N/A	Relatively Moderate	Very High	1.19	N/A	N/A
	Census tract 39057210101	OH	N/A	Very Low	Very High	0.75	N/A	N/A
	Census tract 39057210401	OH	N/A	Relatively Moderate	Very High	1.06	N/A	N/A
	Census tract 39057210402	OH	N/A	Relatively Low	Very High	0.9	N/A	N/A
	Census tract 39057210500	OH	N/A	Very Low	Very High	0.83	N/A	N/A
	Census tract 39057210602	OH	N/A	Very Low	Very High	0.66	N/A	N/A
	Census tract 39057210603	OH	N/A	Very Low	Very High	0.55	N/A	N/A
	Census tract 39057210604	OH	N/A	Relatively Low	Very High	0.95	N/A	N/A
	Census tract 39057220102	OH	N/A	Very Low	Very High	0.56	N/A	N/A
	Census tract 39057220201	OH	N/A	Very Low	Very High	0.78	N/A	N/A
	Census tract 39057240100	OH	N/A	Relatively High	Very High	1.26	N/A	N/A
	Census tract 39057240200	OH	N/A	Very High	Very High	1.47	N/A	N/A
	Census tract 39057240302	OH	N/A	Very High	Very High	1.45	N/A	N/A
	Census tract 39057240500	OH	N/A	Relatively Moderate	Very High	1.17	N/A	N/A
	Census tract 39057240600	OH	N/A	Relatively High	Very High	1.29	N/A	N/A
	Census tract 39057255000	OH	N/A	Relatively Low	Very High	1.02	N/A	N/A
	Census tract 39057260100	OH	N/A	Relatively Low	Very High	0.88	N/A	N/A
	Census tract 39057270100	OH	N/A	Relatively Moderate	Very High	1.07	N/A	N/A
	22 lower-risk communities were omitted from this report.							

Coastal Flooding

Rank	Community	State	Risk Index Rating	Risk Index Score	National Percentile
	Census tract 39057200104	OH	Not Applicable		
	Census tract 39057200300	OH	Not Applicable		
	Census tract 39057200500	OH	Not Applicable		
	Census tract 39057210101	OH	Not Applicable		
	Census tract 39057210401	OH	Not Applicable		
	Census tract 39057210402	OH	Not Applicable		
	Census tract 39057210500	OH	Not Applicable		
	Census tract 39057210602	OH	Not Applicable		
	22 lower-risk communities were omitted from this report.				

Rank	Community	State	Risk Index Rating	Risk Index Score	National Percentile
	Census tract 39057210603	OH	Not Applicable		
	Census tract 39057210604	OH	Not Applicable		
	Census tract 39057220102	OH	Not Applicable		
	Census tract 39057220201	OH	Not Applicable		
	Census tract 39057240100	OH	Not Applicable		
	Census tract 39057240200	OH	Not Applicable		
	Census tract 39057240302	OH	Not Applicable		
	Census tract 39057240500	OH	Not Applicable		
	Census tract 39057240600	OH	Not Applicable		
	Census tract 39057255000	OH	Not Applicable		
	Census tract 39057260100	OH	Not Applicable		
	Census tract 39057270100	OH	Not Applicable		
	22 lower-risk communities were omitted from this report.				

Rank	Community	State	EAL Value	Social Vulnerability	Community Resilience	CRF	Risk Value	Risk Index Score
	Census tract 39057200104	OH	N/A	Relatively Moderate	Very High	1.18	N/A	N/A
	Census tract 39057200300	OH	N/A	Relatively High	Very High	1.32	N/A	N/A
	Census tract 39057200500	OH	N/A	Relatively Moderate	Very High	1.19	N/A	N/A
	Census tract 39057210101	OH	N/A	Very Low	Very High	0.75	N/A	N/A
	Census tract 39057210401	OH	N/A	Relatively Moderate	Very High	1.06	N/A	N/A
	Census tract 39057210402	OH	N/A	Relatively Low	Very High	0.9	N/A	N/A
	Census tract 39057210500	OH	N/A	Very Low	Very High	0.83	N/A	N/A
	Census tract 39057210602	OH	N/A	Very Low	Very High	0.66	N/A	N/A
	Census tract 39057210603	OH	N/A	Very Low	Very High	0.55	N/A	N/A
	Census tract 39057210604	OH	N/A	Relatively Low	Very High	0.95	N/A	N/A
	Census tract 39057220102	OH	N/A	Very Low	Very High	0.56	N/A	N/A
	Census tract 39057220201	OH	N/A	Very Low	Very High	0.78	N/A	N/A
	Census tract 39057240100	OH	N/A	Relatively High	Very High	1.26	N/A	N/A
	Census tract 39057240200	OH	N/A	Very High	Very High	1.47	N/A	N/A
	Census tract 39057240302	OH	N/A	Very High	Very High	1.45	N/A	N/A
	22 lower-risk communities were omitted from this report.							

Rank	Community	State	EAL Value	Social Vulnerability	Community Resilience	CRF	Risk Value	Risk Index Score
	Census tract 39057240500	OH	N/A	Relatively Moderate	Very High	1.17	N/A	N/A
	Census tract 39057240600	OH	N/A	Relatively High	Very High	1.29	N/A	N/A
	Census tract 39057255000	OH	N/A	Relatively Low	Very High	1.02	N/A	N/A
	Census tract 39057260100	OH	N/A	Relatively Low	Very High	0.88	N/A	N/A
	Census tract 39057270100	OH	N/A	Relatively Moderate	Very High	1.07	N/A	N/A
	22 lower-risk communities were omitted from this report.							

Cold Wave

Rank	Community	State	Risk Index Rating	Risk Index Score	National Percentile
1	Census tract 39057260100	OH	Relatively Moderate	75.93	0 100
2	Census tract 39057270100	OH	Relatively Low	65.47	0 100
3	Census tract 39057240600	OH	Relatively Low	63.67	0 100
4	Census tract 39057240302	OH	Relatively Low	57.18	0 100
5	Census tract 39057240500	OH	Relatively Low	54.93	0 100
6	Census tract 39057240200	OH	Relatively Low	54.86	0 100
7	Census tract 39057200104	OH	Relatively Low	54.7	0 100
8	Census tract 39057210500	OH	Relatively Low	54.03	0 100
9	Census tract 39057210603	OH	Relatively Low	53.88	0 100
10	Census tract 39057200500	OH	Relatively Low	52.89	0 100
11	Census tract 39057210401	OH	Relatively Low	52.81	0 100
12	Census tract 39057210604	OH	Relatively Low	52.65	0 100
13	Census tract 39057200300	OH	Relatively Low	52.04	0 100
14	Census tract 39057220102	OH	Relatively Low	52.01	0 100
15	Census tract 39057240100	OH	Relatively Low	51.97	0 100
16	Census tract 39057210402	OH	Relatively Low	51.42	0 100
17	Census tract 39057255000	OH	Relatively Low	50.18	0 100
18	Census tract 39057220201	OH	Relatively Low	49.45	0 100
19	Census tract 39057210602	OH	Relatively Low	49.37	0 100
20	Census tract 39057210101	OH	Relatively Low	48.34	0 100
	22 lower-risk communities were omitted from this report.				

Rank	Community	State	EAL Value	Social Vulnerability	Community Resilience	CRF	Risk Value	Risk Index Score
1	Census tract 39057260100	OH	$10,669	Relatively Low	Very High	0.88	$9,401	75.93
2	Census tract 39057270100	OH	$3,951	Relatively Moderate	Very High	1.07	$4,244	65.47
3	Census tract 39057240600	OH	$2,884	Relatively High	Very High	1.29	$3,721	63.67
4	Census tract 39057240302	OH	$1,477	Very High	Very High	1.45	$2,143	57.18
5	Census tract 39057240500	OH	$1,466	Relatively Moderate	Very High	1.17	$1,720	54.93
6	Census tract 39057240200	OH	$1,163	Very High	Very High	1.47	$1,706	54.86
7	Census tract 39057200104	OH	$1,418	Relatively Moderate	Very High	1.18	$1,678	54.7
8	Census tract 39057210500	OH	$1,889	Very Low	Very High	0.83	$1,565	54.03
9	Census tract 39057210603	OH	$2,818	Very Low	Very High	0.55	$1,542	53.88
10	Census tract 39057200500	OH	$1,163	Relatively Moderate	Very High	1.19	$1,380	52.89
11	Census tract 39057210401	OH	$1,286	Relatively Moderate	Very High	1.06	$1,368	52.81
12	Census tract 39057210604	OH	$1,418	Relatively Low	Very High	0.95	$1,345	52.65
13	Census tract 39057200300	OH	$944	Relatively High	Very High	1.32	$1,248	52.04
14	Census tract 39057220102	OH	$2,234	Very Low	Very High	0.56	$1,240	52.01
15	Census tract 39057240100	OH	$978	Relatively High	Very High	1.26	$1,234	51.97
16	Census tract 39057210402	OH	$1,287	Relatively Low	Very High	0.9	$1,153	51.42
17	Census tract 39057255000	OH	$953	Relatively Low	Very High	1.02	$972	50.18
18	Census tract 39057220201	OH	$1,113	Very Low	Very High	0.78	$867	49.45
19	Census tract 39057210602	OH	$1,294	Very Low	Very High	0.66	$858	49.37
20	Census tract 39057210101	OH	$965	Very Low	Very High	0.75	$728	48.34
	22 lower-risk communities were omitted from this report.							

Drought

Rank	Community	State	Risk Index Rating	Risk Index Score	National Percentile
1	Census tract 39057220102	OH	Very Low	70.33	0 100
	Census tract 39057200104	OH	No Rating	0	0 100
	Census tract 39057200300	OH	No Rating	0	0 100
	Census tract 39057200500	OH	No Rating	0	0 100
	Census tract 39057210101	OH	No Rating	0	0 100
	Census tract 39057210401	OH	No Rating	0	0 100
	22 lower-risk communities were omitted from this report.				

Rank	Community	State	Risk Index Rating	Risk Index Score	National Percentile
	Census tract 39057210402	OH	No Rating	0	0 100
	Census tract 39057210500	OH	No Rating	0	0 100
	Census tract 39057210602	OH	No Rating	0	0 100
	Census tract 39057210603	OH	No Rating	0	0 100
	Census tract 39057210604	OH	No Rating	0	0 100
	Census tract 39057220201	OH	No Rating	0	0 100
	Census tract 39057240100	OH	No Rating	0	0 100
	Census tract 39057240200	OH	No Rating	0	0 100
	Census tract 39057240302	OH	No Rating	0	0 100
	Census tract 39057240500	OH	No Rating	0	0 100
	Census tract 39057240600	OH	No Rating	0	0 100
	Census tract 39057255000	OH	No Rating	0	0 100
	Census tract 39057260100	OH	No Rating	0	0 100
	Census tract 39057270100	OH	No Rating	0	0 100
	22 lower-risk communities were omitted from this report.				

Rank	Community	State	EAL Value	Social Vulnerability	Community Resilience	CRF	Risk Value	Risk Index Score
1	Census tract 39057220102	OH	$7	Very Low	Very High	0.56	$4	70.33
	Census tract 39057200104	OH	$0	Relatively Moderate	Very High	1.18	$0	0
	Census tract 39057200300	OH	$0	Relatively High	Very High	1.32	$0	0
	Census tract 39057200500	OH	$0	Relatively Moderate	Very High	1.19	$0	0
	Census tract 39057210101	OH	$0	Very Low	Very High	0.75	$0	0
	Census tract 39057210401	OH	$0	Relatively Moderate	Very High	1.06	$0	0
	Census tract 39057210402	OH	$0	Relatively Low	Very High	0.9	$0	0
	Census tract 39057210500	OH	$0	Very Low	Very High	0.83	$0	0
	Census tract 39057210602	OH	$0	Very Low	Very High	0.66	$0	0
	Census tract 39057210603	OH	$0	Very Low	Very High	0.55	$0	0
	Census tract 39057210604	OH	$0	Relatively Low	Very High	0.95	$0	0
	Census tract 39057220201	OH	$0	Very Low	Very High	0.78	$0	0
	Census tract 39057240100	OH	$0	Relatively High	Very High	1.26	$0	0
	22 lower-risk communities were omitted from this report.							

Rank	Community	State	EAL Value	Social Vulnerability	Community Resilience	CRF	Risk Value	Risk Index Score
	Census tract 39057240200	OH	$0	Very High	Very High	1.47	$0	0
	Census tract 39057240302	OH	$0	Very High	Very High	1.45	$0	0
	Census tract 39057240500	OH	$0	Relatively Moderate	Very High	1.17	$0	0
	Census tract 39057240600	OH	$0	Relatively High	Very High	1.29	$0	0
	Census tract 39057255000	OH	$0	Relatively Low	Very High	1.02	$0	0
	Census tract 39057260100	OH	$0	Relatively Low	Very High	0.88	$0	0
	Census tract 39057270100	OH	$0	Relatively Moderate	Very High	1.07	$0	0
	22 lower-risk communities were omitted from this report.							

Earthquake

Rank	Community	State	Risk Index Rating	Risk Index Score	National Percentile
1	Census tract 39057260100	OH	Relatively Low	75.08	0 100
2	Census tract 39057240600	OH	Relatively Low	73.86	0 100
3	Census tract 39057200104	OH	Relatively Low	72.66	0 100
4	Census tract 39057270100	OH	Relatively Low	69.93	0 100
5	Census tract 39057240302	OH	Relatively Low	69.79	0 100
6	Census tract 39057240200	OH	Relatively Low	69.58	0 100
7	Census tract 39057240500	OH	Relatively Low	69.13	0 100
8	Census tract 39057210101	OH	Relatively Low	69.08	0 100
9	Census tract 39057255000	OH	Relatively Low	68.12	0 100
10	Census tract 39057210500	OH	Relatively Low	65.39	0 100
11	Census tract 39057210602	OH	Relatively Low	64.49	0 100
12	Census tract 39057210401	OH	Relatively Low	64.13	0 100
13	Census tract 39057210604	OH	Relatively Low	63.98	0 100
14	Census tract 39057240100	OH	Relatively Low	62.71	0 100
15	Census tract 39057200500	OH	Relatively Low	59.07	0 100
16	Census tract 39057220201	OH	Relatively Low	56.99	0 100
17	Census tract 39057200300	OH	Relatively Low	56.79	0 100
18	Census tract 39057210402	OH	Relatively Low	54.97	0 100
19	Census tract 39057210603	OH	Relatively Low	54.71	0 100
	22 lower-risk communities were omitted from this report.				

Rank	Community	State	Risk Index Rating	Risk Index Score	National Percentile
20	Census tract 39057220102	OH	Very Low	51.13	0 100
	22 lower-risk communities were omitted from this report.				

Rank	Community	State	EAL Value	Social Vulnerability	Community Resilience	CRF	Risk Value	Risk Index Score
1	Census tract 39057260100	OH	$79,486	Relatively Low	Very High	0.88	$70,041	75.08
2	Census tract 39057240600	OH	$47,092	Relatively High	Very High	1.29	$60,746	73.86
3	Census tract 39057200104	OH	$45,043	Relatively Moderate	Very High	1.18	$53,309	72.66
4	Census tract 39057270100	OH	$38,220	Relatively Moderate	Very High	1.07	$41,047	69.93
5	Census tract 39057240302	OH	$27,959	Very High	Very High	1.45	$40,555	69.79
6	Census tract 39057240200	OH	$27,139	Very High	Very High	1.47	$39,835	69.58
7	Census tract 39057240500	OH	$32,736	Relatively Moderate	Very High	1.17	$38,415	69.13
8	Census tract 39057210101	OH	$50,662	Very Low	Very High	0.75	$38,246	69.08
9	Census tract 39057255000	OH	$34,707	Relatively Low	Very High	1.02	$35,368	68.12
10	Census tract 39057210500	OH	$34,681	Very Low	Very High	0.83	$28,735	65.39
11	Census tract 39057210602	OH	$40,840	Very Low	Very High	0.66	$27,080	64.49
12	Census tract 39057210401	OH	$24,862	Relatively Moderate	Very High	1.06	$26,452	64.13
13	Census tract 39057210604	OH	$27,611	Relatively Low	Very High	0.95	$26,193	63.98
14	Census tract 39057240100	OH	$19,214	Relatively High	Very High	1.26	$24,247	62.71
15	Census tract 39057200500	OH	$16,635	Relatively Moderate	Very High	1.19	$19,745	59.07
16	Census tract 39057220201	OH	$22,712	Very Low	Very High	0.78	$17,707	56.99
17	Census tract 39057200300	OH	$13,251	Relatively High	Very High	1.32	$17,513	56.79
18	Census tract 39057210402	OH	$17,881	Relatively Low	Very High	0.9	$16,012	54.97
19	Census tract 39057210603	OH	$28,922	Very Low	Very High	0.55	$15,821	54.71
20	Census tract 39057220102	OH	$23,949	Very Low	Very High	0.56	$13,299	51.13
	22 lower-risk communities were omitted from this report.							

Hail

Rank	Community	State	Risk Index Rating	Risk Index Score	National Percentile
1	Census tract 39057260100	OH	Relatively Low	60.99	0 100
	22 lower-risk communities were omitted from this report.				

Rank	Community	State	Risk Index Rating	Risk Index Score	National Percentile
2	Census tract 39057270100	OH	Relatively Low	50.07	0 100
3	Census tract 39057240600	OH	Relatively Low	49.85	0 100
4	Census tract 39057240302	OH	Very Low	42.94	0 100
5	Census tract 39057200104	OH	Very Low	42.25	0 100
6	Census tract 39057210500	OH	Very Low	41.44	0 100
7	Census tract 39057240500	OH	Very Low	41	0 100
8	Census tract 39057210603	OH	Very Low	39.6	0 100
9	Census tract 39057240200	OH	Very Low	39.05	0 100
10	Census tract 39057210401	OH	Very Low	38.77	0 100
11	Census tract 39057210604	OH	Very Low	38.73	0 100
12	Census tract 39057220102	OH	Very Low	36.58	0 100
13	Census tract 39057240100	OH	Very Low	36.45	0 100
14	Census tract 39057210402	OH	Very Low	36.19	0 100
15	Census tract 39057200300	OH	Very Low	35.99	0 100
16	Census tract 39057210101	OH	Very Low	35.5	0 100
17	Census tract 39057200500	OH	Very Low	35.48	0 100
18	Census tract 39057210602	OH	Very Low	35.11	0 100
19	Census tract 39057255000	OH	Very Low	34.97	0 100
20	Census tract 39057220201	OH	Very Low	34.43	0 100

22 lower-risk communities were omitted from this report.

Rank	Community	State	EAL Value	Social Vulnerability	Community Resilience	CRF	Risk Value	Risk Index Score
1	Census tract 39057260100	OH	$4,384	Relatively Low	Very High	0.88	$3,863	60.99
2	Census tract 39057270100	OH	$1,699	Relatively Moderate	Very High	1.07	$1,825	50.07
3	Census tract 39057240600	OH	$1,394	Relatively High	Very High	1.29	$1,798	49.85
4	Census tract 39057240302	OH	$781	Very High	Very High	1.45	$1,132	42.94
5	Census tract 39057200104	OH	$907	Relatively Moderate	Very High	1.18	$1,073	42.25
6	Census tract 39057210500	OH	$1,215	Very Low	Very High	0.83	$1,007	41.44
7	Census tract 39057240500	OH	$829	Relatively Moderate	Very High	1.17	$973	41
8	Census tract 39057210603	OH	$1,585	Very Low	Very High	0.55	$867	39.6

22 lower-risk communities were omitted from this report.

Rank	Community	State	EAL Value	Social Vulnerability	Community Resilience	CRF	Risk Value	Risk Index Score
9	Census tract 39057240200	OH	$564	Very High	Very High	1.47	$827	39.05
10	Census tract 39057210401	OH	$758	Relatively Moderate	Very High	1.06	$806	38.77
11	Census tract 39057210604	OH	$847	Relatively Low	Very High	0.95	$803	38.73
12	Census tract 39057220102	OH	$1,195	Very Low	Very High	0.56	$663	36.58
13	Census tract 39057240100	OH	$519	Relatively High	Very High	1.26	$655	36.45
14	Census tract 39057210402	OH	$716	Relatively Low	Very High	0.9	$641	36.19
15	Census tract 39057200300	OH	$476	Relatively High	Very High	1.32	$629	35.99
16	Census tract 39057210101	OH	$795	Very Low	Very High	0.75	$600	35.5
17	Census tract 39057200500	OH	$505	Relatively Moderate	Very High	1.19	$599	35.48
18	Census tract 39057210602	OH	$873	Very Low	Very High	0.66	$579	35.11
19	Census tract 39057255000	OH	$560	Relatively Low	Very High	1.02	$571	34.97
20	Census tract 39057220201	OH	$698	Very Low	Very High	0.78	$544	34.43

22 lower-risk communities were omitted from this report.

Heat Wave

Rank	Community	State	Risk Index Rating	Risk Index Score	National Percentile
1	Census tract 39057240600	OH	Relatively Moderate	63.59	0 100
2	Census tract 39057240200	OH	Relatively Moderate	63.47	0 100
3	Census tract 39057260100	OH	Relatively Moderate	62.23	0 100
4	Census tract 39057200104	OH	Relatively Moderate	60.9	0 100
5	Census tract 39057240302	OH	Relatively Moderate	60.12	0 100
6	Census tract 39057200500	OH	Relatively Moderate	60.06	0 100
7	Census tract 39057210401	OH	Relatively Moderate	59.39	0 100
8	Census tract 39057240500	OH	Relatively Moderate	58.26	0 100
9	Census tract 39057210604	OH	Relatively Moderate	58.22	0 100
10	Census tract 39057210500	OH	Relatively Moderate	58.07	0 100
11	Census tract 39057200300	OH	Relatively Moderate	57.23	0 100
12	Census tract 39057210402	OH	Relatively Moderate	55.95	0 100
13	Census tract 39057210603	OH	Relatively Moderate	54.4	0 100
14	Census tract 39057270100	OH	Relatively Moderate	53.68	0 100

22 lower-risk communities were omitted from this report.

Rank	Community	State	Risk Index Rating	Risk Index Score	National Percentile
15	Census tract 39057255000	OH	Relatively Moderate	51.01	0 100
16	Census tract 39057240100	OH	Relatively Moderate	50.6	0 100
17	Census tract 39057220201	OH	Relatively Moderate	50.24	0 100
18	Census tract 39057210602	OH	Relatively Moderate	50.02	0 100
19	Census tract 39057210101	OH	Relatively Low	46.77	0 100
20	Census tract 39057220102	OH	Relatively Low	45.53	0 100
	22 lower-risk communities were omitted from this report.				

Rank	Community	State	EAL Value	Social Vulnerability	Community Resilience	CRF	Risk Value	Risk Index Score
1	Census tract 39057240600	OH	$14,118	Relatively High	Very High	1.29	$18,212	63.59
2	Census tract 39057240200	OH	$12,335	Very High	Very High	1.47	$18,106	63.47
3	Census tract 39057260100	OH	$19,380	Relatively Low	Very High	0.88	$17,077	62.23
4	Census tract 39057200104	OH	$13,526	Relatively Moderate	Very High	1.18	$16,008	60.9
5	Census tract 39057240302	OH	$10,634	Very High	Very High	1.45	$15,425	60.12
6	Census tract 39057200500	OH	$12,955	Relatively Moderate	Very High	1.19	$15,377	60.06
7	Census tract 39057210401	OH	$13,971	Relatively Moderate	Very High	1.06	$14,864	59.39
8	Census tract 39057240500	OH	$12,030	Relatively Moderate	Very High	1.17	$14,117	58.26
9	Census tract 39057210604	OH	$14,851	Relatively Low	Very High	0.95	$14,088	58.22
10	Census tract 39057210500	OH	$16,880	Very Low	Very High	0.83	$13,986	58.07
11	Census tract 39057200300	OH	$10,147	Relatively High	Very High	1.32	$13,411	57.23
12	Census tract 39057210402	OH	$14,059	Relatively Low	Very High	0.9	$12,590	55.95
13	Census tract 39057210603	OH	$21,321	Very Low	Very High	0.55	$11,663	54.4
14	Census tract 39057270100	OH	$10,456	Relatively Moderate	Very High	1.07	$11,229	53.68
15	Census tract 39057255000	OH	$9,545	Relatively Low	Very High	1.02	$9,727	51.01
16	Census tract 39057240100	OH	$7,536	Relatively High	Very High	1.26	$9,510	50.6
17	Census tract 39057220201	OH	$11,964	Very Low	Very High	0.78	$9,328	50.24
18	Census tract 39057210602	OH	$13,870	Very Low	Very High	0.66	$9,197	50.02
19	Census tract 39057210101	OH	$10,089	Very Low	Very High	0.75	$7,617	46.77
20	Census tract 39057220102	OH	$12,780	Very Low	Very High	0.56	$7,097	45.53
	22 lower-risk communities were omitted from this report.							

Hurricane

Rank	Community	State	Risk Index Rating	Risk Index Score	National Percentile
1	Census tract 39057260100	OH	Very Low	28.58	0 100
2	Census tract 39057240600	OH	Very Low	27.39	0 100
3	Census tract 39057200104	OH	Very Low	27.17	0 100
4	Census tract 39057210500	OH	Very Low	26.35	0 100
5	Census tract 39057240302	OH	Very Low	25.36	0 100
6	Census tract 39057240500	OH	Very Low	24.88	0 100
7	Census tract 39057210401	OH	Very Low	24.39	0 100
8	Census tract 39057270100	OH	Very Low	24.29	0 100
9	Census tract 39057210604	OH	Very Low	24.27	0 100
10	Census tract 39057210603	OH	Very Low	23.48	0 100
11	Census tract 39057240200	OH	Very Low	23.27	0 100
12	Census tract 39057210101	OH	Very Low	22.85	0 100
13	Census tract 39057210402	OH	Very Low	21.87	0 100
14	Census tract 39057210602	OH	Very Low	21.81	0 100
15	Census tract 39057220201	OH	Very Low	21.27	0 100
16	Census tract 39057200300	OH	Very Low	21.03	0 100
17	Census tract 39057255000	OH	Very Low	20.75	0 100
18	Census tract 39057240100	OH	Very Low	20.36	0 100
19	Census tract 39057220102	OH	Very Low	19.92	0 100
20	Census tract 39057200500	OH	Very Low	19.56	0 100

22 lower-risk communities were omitted from this report.

Rank	Community	State	EAL Value	Social Vulnerability	Community Resilience	CRF	Risk Value	Risk Index Score
1	Census tract 39057260100	OH	$3,836	Relatively Low	Very High	0.88	$3,380	28.58
2	Census tract 39057240600	OH	$2,312	Relatively High	Very High	1.29	$2,982	27.39
3	Census tract 39057200104	OH	$2,457	Relatively Moderate	Very High	1.18	$2,908	27.17
4	Census tract 39057210500	OH	$3,234	Very Low	Very High	0.83	$2,680	26.35
5	Census tract 39057240302	OH	$1,664	Very High	Very High	1.45	$2,414	25.36

22 lower-risk communities were omitted from this report.

Rank	Community	State	EAL Value	Social Vulnerability	Community Resilience	CRF	Risk Value	Risk Index Score
6	Census tract 39057240500	OH	$1,967	Relatively Moderate	Very High	1.17	$2,309	24.88
7	Census tract 39057210401	OH	$2,057	Relatively Moderate	Very High	1.06	$2,189	24.39
8	Census tract 39057270100	OH	$2,019	Relatively Moderate	Very High	1.07	$2,168	24.29
9	Census tract 39057210604	OH	$2,281	Relatively Low	Very High	0.95	$2,164	24.27
10	Census tract 39057210603	OH	$3,635	Very Low	Very High	0.55	$1,988	23.48
11	Census tract 39057240200	OH	$1,329	Very High	Very High	1.47	$1,951	23.27
12	Census tract 39057210101	OH	$2,474	Very Low	Very High	0.75	$1,868	22.85
13	Census tract 39057210402	OH	$1,882	Relatively Low	Very High	0.9	$1,685	21.87
14	Census tract 39057210602	OH	$2,523	Very Low	Very High	0.66	$1,673	21.81
15	Census tract 39057220201	OH	$2,017	Very Low	Very High	0.78	$1,572	21.27
16	Census tract 39057200300	OH	$1,163	Relatively High	Very High	1.32	$1,537	21.03
17	Census tract 39057255000	OH	$1,468	Relatively Low	Very High	1.02	$1,496	20.75
18	Census tract 39057240100	OH	$1,140	Relatively High	Very High	1.26	$1,439	20.36
19	Census tract 39057220102	OH	$2,476	Very Low	Very High	0.56	$1,375	19.92
20	Census tract 39057200500	OH	$1,117	Relatively Moderate	Very High	1.19	$1,325	19.56

22 lower-risk communities were omitted from this report.

Ice Storm

Rank	Community	State	Risk Index Rating	Risk Index Score	National Percentile
1	Census tract 39057200104	OH	Relatively High	97.14	0 100
2	Census tract 39057240600	OH	Relatively High	96.96	0 100
3	Census tract 39057210500	OH	Relatively High	96.83	0 100
4	Census tract 39057240302	OH	Relatively High	96.31	0 100
5	Census tract 39057240500	OH	Relatively High	96.15	0 100
6	Census tract 39057210401	OH	Relatively High	96.02	0 100
7	Census tract 39057210604	OH	Relatively High	95.93	0 100
8	Census tract 39057260100	OH	Relatively High	95.93	0 100
9	Census tract 39057240200	OH	Relatively High	95.45	0 100
10	Census tract 39057210603	OH	Relatively High	95.31	0 100
11	Census tract 39057210101	OH	Relatively High	95.06	0 100

22 lower-risk communities were omitted from this report.

Rank	Community	State	Risk Index Rating	Risk Index Score	National Percentile
12	Census tract 39057210402	OH	Relatively High	94.52	0 100
13	Census tract 39057210602	OH	Relatively High	94.38	0 100
14	Census tract 39057220201	OH	Relatively High	94.06	0 100
15	Census tract 39057200300	OH	Relatively High	93.85	0 100
16	Census tract 39057270100	OH	Relatively High	93.58	0 100
17	Census tract 39057255000	OH	Relatively High	93.52	0 100
18	Census tract 39057240100	OH	Relatively High	93	0 100
19	Census tract 39057200500	OH	Relatively High	92.84	0 100
20	Census tract 39057220102	OH	Relatively High	92.51	0 100

22 lower-risk communities were omitted from this report.

Rank	Community	State	EAL Value	Social Vulnerability	Community Resilience	CRF	Risk Value	Risk Index Score
1	Census tract 39057200104	OH	$71,799	Relatively Moderate	Very High	1.18	$84,975	97.14
2	Census tract 39057240600	OH	$62,479	Relatively High	Very High	1.29	$80,594	96.96
3	Census tract 39057210500	OH	$93,983	Very Low	Very High	0.83	$77,870	96.83
4	Census tract 39057240302	OH	$47,487	Very High	Very High	1.45	$68,879	96.31
5	Census tract 39057240500	OH	$56,882	Relatively Moderate	Very High	1.17	$66,750	96.15
6	Census tract 39057210401	OH	$61,058	Relatively Moderate	Very High	1.06	$64,963	96.02
7	Census tract 39057210604	OH	$67,431	Relatively Low	Very High	0.95	$63,967	95.93
8	Census tract 39057260100	OH	$72,513	Relatively Low	Very High	0.88	$63,898	95.93
9	Census tract 39057240200	OH	$39,865	Very High	Very High	1.47	$58,516	95.45
10	Census tract 39057210603	OH	$104,248	Very Low	Very High	0.55	$57,027	95.31
11	Census tract 39057210101	OH	$72,261	Very Low	Very High	0.75	$54,551	95.06
12	Census tract 39057210402	OH	$56,077	Relatively Low	Very High	0.9	$50,216	94.52
13	Census tract 39057210602	OH	$74,322	Very Low	Very High	0.66	$49,281	94.38
14	Census tract 39057220201	OH	$60,641	Very Low	Very High	0.78	$47,277	94.06
15	Census tract 39057200300	OH	$34,837	Relatively High	Very High	1.32	$46,042	93.85
16	Census tract 39057270100	OH	$41,464	Relatively Moderate	Very High	1.07	$44,530	93.58
17	Census tract 39057255000	OH	$43,230	Relatively Low	Very High	1.02	$44,053	93.52
18	Census tract 39057240100	OH	$32,781	Relatively High	Very High	1.26	$41,367	93

22 lower-risk communities were omitted from this report.

Rank	Community	State	EAL Value	Social Vulnerability	Community Resilience	CRF	Risk Value	Risk Index Score
19	Census tract 39057200500	OH	$34,082	Relatively Moderate	Very High	1.19	$40,455	92.84
20	Census tract 39057220102	OH	$69,974	Very Low	Very High	0.56	$38,857	92.51
	22 lower-risk communities were omitted from this report.							

Landslide

Rank	Community	State	Risk Index Rating	Risk Index Score	National Percentile
1	Census tract 39057210500	OH	Relatively Moderate	75.07	0 100
2	Census tract 39057220102	OH	Relatively Low	67.49	0 100
3	Census tract 39057240100	OH	Relatively Low	65.76	0 100
4	Census tract 39057200300	OH	Relatively Low	65.6	0 100
5	Census tract 39057260100	OH	Relatively Low	64.42	0 100
6	Census tract 39057210603	OH	Relatively Low	63.68	0 100
7	Census tract 39057240600	OH	Relatively Low	61.98	0 100
8	Census tract 39057210604	OH	Relatively Low	61.79	0 100
9	Census tract 39057210402	OH	Relatively Low	57.52	0 100
10	Census tract 39057220201	OH	Relatively Low	56.1	0 100
11	Census tract 39057255000	OH	Relatively Low	51.92	0 100
12	Census tract 39057240500	OH	Relatively Low	46.13	0 100
13	Census tract 39057210602	OH	Relatively Low	44.7	0 100
14	Census tract 39057200104	OH	Relatively Low	44.12	0 100
15	Census tract 39057240200	OH	Very Low	42.38	0 100
16	Census tract 39057240302	OH	Very Low	41.5	0 100
	Census tract 39057200500	OH	No Rating	0	0 100
	Census tract 39057210101	OH	No Rating	0	0 100
	Census tract 39057210401	OH	No Rating	0	0 100
	Census tract 39057270100	OH	No Rating	0	0 100
	22 lower-risk communities were omitted from this report.				

Rank	Community	State	EAL Value	Social Vulnerability	Community Resilience	CRF	Risk Value	Risk Index Score
1	Census tract 39057210500	OH	$2,267	Very Low	Very High	0.83	$1,879	75.07
2	Census tract 39057220102	OH	$2,150	Very Low	Very High	0.56	$1,194	67.49
3	Census tract 39057240100	OH	$852	Relatively High	Very High	1.26	$1,075	65.76
4	Census tract 39057200300	OH	$805	Relatively High	Very High	1.32	$1,063	65.6
5	Census tract 39057260100	OH	$1,120	Relatively Low	Very High	0.88	$987	64.42
6	Census tract 39057210603	OH	$1,718	Very Low	Very High	0.55	$940	63.68
7	Census tract 39057240600	OH	$650	Relatively High	Very High	1.29	$838	61.98
8	Census tract 39057210604	OH	$872	Relatively Low	Very High	0.95	$827	61.79
9	Census tract 39057210402	OH	$664	Relatively Low	Very High	0.9	$594	57.52
10	Census tract 39057220201	OH	$673	Very Low	Very High	0.78	$525	56.1
11	Census tract 39057255000	OH	$340	Relatively Low	Very High	1.02	$346	51.92
12	Census tract 39057240500	OH	$119	Relatively Moderate	Very High	1.17	$140	46.13
13	Census tract 39057210602	OH	$149	Very Low	Very High	0.66	$99	44.7
14	Census tract 39057200104	OH	$71	Relatively Moderate	Very High	1.18	$84	44.12
15	Census tract 39057240200	OH	$30	Very High	Very High	1.47	$44	42.38
16	Census tract 39057240302	OH	$18	Very High	Very High	1.45	$26	41.5
	Census tract 39057200500	OH	$0	Relatively Moderate	Very High	1.19	$0	0
	Census tract 39057210101	OH	$0	Very Low	Very High	0.75	$0	0
	Census tract 39057210401	OH	$0	Relatively Moderate	Very High	1.06	$0	0
	Census tract 39057270100	OH	$0	Relatively Moderate	Very High	1.07	$0	0

22 lower-risk communities were omitted from this report.

Lightning

Rank	Community	State	Risk Index Rating	Risk Index Score	National Percentile
1	Census tract 39057240600	OH	Relatively High	84.03	0 100
2	Census tract 39057200104	OH	Relatively High	84	0 100
3	Census tract 39057240200	OH	Relatively High	82.54	0 100
4	Census tract 39057200500	OH	Relatively High	82.48	0 100
5	Census tract 39057260100	OH	Relatively High	81.9	0 100
6	Census tract 39057210604	OH	Relatively High	79.53	0 100

22 lower-risk communities were omitted from this report.

Rank	Community	State	Risk Index Rating	Risk Index Score	National Percentile
7	Census tract 39057210401	OH	Relatively High	79.15	0 100
8	Census tract 39057240302	OH	Relatively High	78.87	0 100
9	Census tract 39057210500	OH	Relatively High	78.64	0 100
10	Census tract 39057200300	OH	Relatively High	78.44	0 100
11	Census tract 39057240500	OH	Relatively High	77.32	0 100
12	Census tract 39057210402	OH	Relatively Moderate	74.9	0 100
13	Census tract 39057210603	OH	Relatively Moderate	72.58	0 100
14	Census tract 39057270100	OH	Relatively Moderate	69.19	0 100
15	Census tract 39057255000	OH	Relatively Moderate	68.74	0 100
16	Census tract 39057210602	OH	Relatively Moderate	66.54	0 100
17	Census tract 39057220201	OH	Relatively Moderate	65.2	0 100
18	Census tract 39057240100	OH	Relatively Moderate	65.04	0 100
19	Census tract 39057210101	OH	Relatively Moderate	64.2	0 100
20	Census tract 39057220102	OH	Relatively Moderate	57.44	0 100

22 lower-risk communities were omitted from this report.

Rank	Community	State	EAL Value	Social Vulnerability	Community Resilience	CRF	Risk Value	Risk Index Score
1	Census tract 39057240600	OH	$16,034	Relatively High	Very High	1.29	$20,683	84.03
2	Census tract 39057200104	OH	$17,447	Relatively Moderate	Very High	1.18	$20,649	84
3	Census tract 39057240200	OH	$13,225	Very High	Very High	1.47	$19,412	82.54
4	Census tract 39057200500	OH	$16,312	Relatively Moderate	Very High	1.19	$19,362	82.48
5	Census tract 39057260100	OH	$21,468	Relatively Low	Very High	0.88	$18,918	81.9
6	Census tract 39057210604	OH	$18,076	Relatively Low	Very High	0.95	$17,147	79.53
7	Census tract 39057210401	OH	$15,880	Relatively Moderate	Very High	1.06	$16,895	79.15
8	Census tract 39057240302	OH	$11,523	Very High	Very High	1.45	$16,714	78.87
9	Census tract 39057210500	OH	$19,955	Very Low	Very High	0.83	$16,534	78.64
10	Census tract 39057200300	OH	$12,420	Relatively High	Very High	1.32	$16,415	78.44
11	Census tract 39057240500	OH	$13,365	Relatively Moderate	Very High	1.17	$15,683	77.32
12	Census tract 39057210402	OH	$16,004	Relatively Low	Very High	0.9	$14,331	74.9
13	Census tract 39057210603	OH	$23,999	Very Low	Very High	0.55	$13,128	72.58

22 lower-risk communities were omitted from this report.

Rank	Community	State	EAL Value	Social Vulnerability	Community Resilience	CRF	Risk Value	Risk Index Score
14	Census tract 39057270100	OH	$10,861	Relatively Moderate	Very High	1.07	$11,665	69.19
15	Census tract 39057255000	OH	$11,279	Relatively Low	Very High	1.02	$11,494	68.74
16	Census tract 39057210602	OH	$16,064	Very Low	Very High	0.66	$10,651	66.54
17	Census tract 39057220201	OH	$13,030	Very Low	Very High	0.78	$10,158	65.2
18	Census tract 39057240100	OH	$8,006	Relatively High	Very High	1.26	$10,103	65.04
19	Census tract 39057210101	OH	$13,023	Very Low	Very High	0.75	$9,831	64.2
20	Census tract 39057220102	OH	$14,068	Very Low	Very High	0.56	$7,812	57.44

22 lower-risk communities were omitted from this report.

Riverine Flooding

Rank	Community	State	Risk Index Rating	Risk Index Score	National Percentile
1	Census tract 39057260100	OH	Relatively Moderate	81.75	0 100
2	Census tract 39057200300	OH	Relatively Moderate	79.48	0 100
3	Census tract 39057220102	OH	Relatively Moderate	76.32	0 100
4	Census tract 39057270100	OH	Relatively Moderate	74.7	0 100
5	Census tract 39057240302	OH	Relatively Low	69.45	0 100
6	Census tract 39057240600	OH	Relatively Low	65.21	0 100
7	Census tract 39057210602	OH	Relatively Low	63.99	0 100
8	Census tract 39057240500	OH	Relatively Low	59.72	0 100
9	Census tract 39057240100	OH	Relatively Low	58.83	0 100
10	Census tract 39057210500	OH	Relatively Low	55.83	0 100
11	Census tract 39057210603	OH	Relatively Low	54.32	0 100
12	Census tract 39057210604	OH	Relatively Low	47.2	0 100
13	Census tract 39057220201	OH	Relatively Low	45.91	0 100
14	Census tract 39057200104	OH	Relatively Low	41.02	0 100
15	Census tract 39057200500	OH	Very Low	32.8	0 100
16	Census tract 39057240200	OH	Very Low	32.65	0 100
17	Census tract 39057210401	OH	Very Low	29.4	0 100
18	Census tract 39057255000	OH	Very Low	28.19	0 100
19	Census tract 39057210402	OH	Very Low	26.47	0 100

22 lower-risk communities were omitted from this report.

Rank	Community	State	Risk Index Rating	Risk Index Score	National Percentile
	Census tract 39057210101	OH	No Rating	0	0 — 100
	22 lower-risk communities were omitted from this report.				

Rank	Community	State	EAL Value	Social Vulnerability	Community Resilience	CRF	Risk Value	Risk Index Score
1	Census tract 39057260100	OH	$85,102	Relatively Low	Very High	0.88	$74,991	81.75
2	Census tract 39057200300	OH	$47,189	Relatively High	Very High	1.32	$62,367	79.48
3	Census tract 39057220102	OH	$88,327	Very Low	Very High	0.56	$49,049	76.32
4	Census tract 39057270100	OH	$40,533	Relatively Moderate	Very High	1.07	$43,530	74.7
5	Census tract 39057240302	OH	$20,641	Very High	Very High	1.45	$29,939	69.45
6	Census tract 39057240600	OH	$17,349	Relatively High	Very High	1.29	$22,380	65.21
7	Census tract 39057210602	OH	$31,034	Very Low	Very High	0.66	$20,578	63.99
8	Census tract 39057240500	OH	$13,003	Relatively Moderate	Very High	1.17	$15,259	59.72
9	Census tract 39057240100	OH	$11,353	Relatively High	Very High	1.26	$14,327	58.83
10	Census tract 39057210500	OH	$13,923	Very Low	Very High	0.83	$11,536	55.83
11	Census tract 39057210603	OH	$18,898	Very Low	Very High	0.55	$10,338	54.32
12	Census tract 39057210604	OH	$6,115	Relatively Low	Very High	0.95	$5,801	47.2
13	Census tract 39057220201	OH	$6,626	Very Low	Very High	0.78	$5,166	45.91
14	Census tract 39057200104	OH	$2,706	Relatively Moderate	Very High	1.18	$3,203	41.02
15	Census tract 39057200500	OH	$761	Relatively Moderate	Very High	1.19	$904	32.8
16	Census tract 39057240200	OH	$597	Very High	Very High	1.47	$876	32.65
17	Census tract 39057210401	OH	$311	Relatively Moderate	Very High	1.06	$331	29.4
18	Census tract 39057255000	OH	$171	Relatively Low	Very High	1.02	$174	28.19
19	Census tract 39057210402	OH	$32	Relatively Low	Very High	0.9	$28	26.47
	Census tract 39057210101	OH	$0	Very Low	Very High	0.75	$0	0
	22 lower-risk communities were omitted from this report.							

Strong Wind

Rank	Community	State	Risk Index Rating	Risk Index Score	National Percentile
1	Census tract 39057200104	OH	Relatively High	85.4	0 — 100
	22 lower-risk communities were omitted from this report.				

Rank	Community	State	Risk Index Rating	Risk Index Score	National Percentile
2	Census tract 39057240600	OH	Relatively High	85.03	0 100
3	Census tract 39057210500	OH	Relatively High	83.79	0 100
4	Census tract 39057240302	OH	Relatively High	82.32	0 100
5	Census tract 39057260100	OH	Relatively Moderate	81.69	0 100
6	Census tract 39057240500	OH	Relatively Moderate	81.63	0 100
7	Census tract 39057210401	OH	Relatively Moderate	81.4	0 100
8	Census tract 39057210604	OH	Relatively Moderate	80.96	0 100
9	Census tract 39057240200	OH	Relatively Moderate	80.56	0 100
10	Census tract 39057210603	OH	Relatively Moderate	78.42	0 100
11	Census tract 39057210402	OH	Relatively Moderate	76.48	0 100
12	Census tract 39057210101	OH	Relatively Moderate	76.31	0 100
13	Census tract 39057200300	OH	Relatively Moderate	75.32	0 100
14	Census tract 39057210602	OH	Relatively Moderate	74.99	0 100
15	Census tract 39057270100	OH	Relatively Moderate	73.87	0 100
16	Census tract 39057200500	OH	Relatively Moderate	73.85	0 100
17	Census tract 39057255000	OH	Relatively Moderate	73.06	0 100
18	Census tract 39057240100	OH	Relatively Moderate	71.84	0 100
19	Census tract 39057220201	OH	Relatively Moderate	71.63	0 100
20	Census tract 39057220102	OH	Relatively Moderate	67.64	0 100

22 lower-risk communities were omitted from this report.

Rank	Community	State	EAL Value	Social Vulnerability	Community Resilience	CRF	Risk Value	Risk Index Score
1	Census tract 39057200104	OH	$45,870	Relatively Moderate	Very High	1.18	$54,288	85.4
2	Census tract 39057240600	OH	$41,211	Relatively High	Very High	1.29	$53,161	85.03
3	Census tract 39057210500	OH	$59,613	Very Low	Very High	0.83	$49,393	83.79
4	Census tract 39057240302	OH	$31,206	Very High	Very High	1.45	$45,264	82.32
5	Census tract 39057260100	OH	$49,486	Relatively Low	Very High	0.88	$43,606	81.69
6	Census tract 39057240500	OH	$37,041	Relatively Moderate	Very High	1.17	$43,467	81.63
7	Census tract 39057210401	OH	$40,301	Relatively Moderate	Very High	1.06	$42,878	81.4
8	Census tract 39057210604	OH	$44,205	Relatively Low	Very High	0.95	$41,934	80.96

22 lower-risk communities were omitted from this report.

Rank	Community	State	EAL Value	Social Vulnerability	Community Resilience	CRF	Risk Value	Risk Index Score
9	Census tract 39057240200	OH	$28,005	Very High	Very High	1.47	$41,107	80.56
10	Census tract 39057210603	OH	$67,512	Very Low	Very High	0.55	$36,931	78.42
11	Census tract 39057210402	OH	$37,659	Relatively Low	Very High	0.9	$33,723	76.48
12	Census tract 39057210101	OH	$44,305	Very Low	Very High	0.75	$33,446	76.31
13	Census tract 39057200300	OH	$24,139	Relatively High	Very High	1.32	$31,904	75.32
14	Census tract 39057210602	OH	$47,406	Very Low	Very High	0.66	$31,434	74.99
15	Census tract 39057270100	OH	$27,886	Relatively Moderate	Very High	1.07	$29,948	73.87
16	Census tract 39057200500	OH	$25,208	Relatively Moderate	Very High	1.19	$29,922	73.85
17	Census tract 39057255000	OH	$28,355	Relatively Low	Very High	1.02	$28,895	73.06
18	Census tract 39057240100	OH	$21,667	Relatively High	Very High	1.26	$27,343	71.84
19	Census tract 39057220201	OH	$34,750	Very Low	Very High	0.78	$27,092	71.63
20	Census tract 39057220102	OH	$40,947	Very Low	Very High	0.56	$22,738	67.64

22 lower-risk communities were omitted from this report.

Tornado

Rank	Community	State	Risk Index Rating	Risk Index Score	National Percentile
1	Census tract 39057200104	OH	Relatively Moderate	73.35	0 100
2	Census tract 39057240600	OH	Relatively Moderate	73.01	0 100
3	Census tract 39057210500	OH	Relatively Moderate	70.94	0 100
4	Census tract 39057240302	OH	Relatively Moderate	69.1	0 100
5	Census tract 39057240500	OH	Relatively Moderate	68	0 100
6	Census tract 39057210401	OH	Relatively Moderate	67.86	0 100
7	Census tract 39057240200	OH	Relatively Moderate	67.47	0 100
8	Census tract 39057210604	OH	Relatively Moderate	67.29	0 100
9	Census tract 39057260100	OH	Relatively Moderate	66.2	0 100
10	Census tract 39057210603	OH	Relatively Moderate	64.4	0 100
11	Census tract 39057210402	OH	Relatively Moderate	62.89	0 100
12	Census tract 39057200300	OH	Relatively Moderate	62.04	0 100
13	Census tract 39057210101	OH	Relatively Moderate	61.94	0 100
14	Census tract 39057200500	OH	Relatively Moderate	61.27	0 100

22 lower-risk communities were omitted from this report.

Rank	Community	State	Risk Index Rating	Risk Index Score	National Percentile
15	Census tract 39057210602	OH	Relatively Moderate	61.09	0 100
16	Census tract 39057220201	OH	Relatively Moderate	60.33	0 100
17	Census tract 39057255000	OH	Relatively Moderate	59.65	0 100
18	Census tract 39057270100	OH	Relatively Moderate	58.67	0 100
19	Census tract 39057240100	OH	Relatively Moderate	58.61	0 100
20	Census tract 39057220102	OH	Relatively Moderate	56.23	0 100
	22 lower-risk communities were omitted from this report.				

Rank	Community	State	EAL Value	Social Vulnerability	Community Resilience	CRF	Risk Value	Risk Index Score
1	Census tract 39057200104	OH	$153,703	Relatively Moderate	Very High	1.18	$181,910	73.35
2	Census tract 39057240600	OH	$139,028	Relatively High	Very High	1.29	$179,339	73.01
3	Census tract 39057210500	OH	$199,080	Very Low	Very High	0.83	$164,950	70.94
4	Census tract 39057240302	OH	$105,791	Very High	Very High	1.45	$153,448	69.1
5	Census tract 39057240500	OH	$125,021	Relatively Moderate	Very High	1.17	$146,710	68
6	Census tract 39057210401	OH	$137,029	Relatively Moderate	Very High	1.06	$145,794	67.86
7	Census tract 39057240200	OH	$97,620	Very High	Very High	1.47	$143,292	67.47
8	Census tract 39057210604	OH	$149,846	Relatively Low	Very High	0.95	$142,148	67.29
9	Census tract 39057260100	OH	$153,264	Relatively Low	Very High	0.88	$135,054	66.2
10	Census tract 39057210603	OH	$227,255	Very Low	Very High	0.55	$124,315	64.4
11	Census tract 39057210402	OH	$128,974	Relatively Low	Very High	0.9	$115,494	62.89
12	Census tract 39057200300	OH	$83,706	Relatively High	Very High	1.32	$110,629	62.04
13	Census tract 39057210101	OH	$145,790	Very Low	Very High	0.75	$110,059	61.94
14	Census tract 39057200500	OH	$89,596	Relatively Moderate	Very High	1.19	$106,349	61.27
15	Census tract 39057210602	OH	$158,829	Very Low	Very High	0.66	$105,316	61.09
16	Census tract 39057220201	OH	$130,107	Very Low	Very High	0.78	$101,434	60.33
17	Census tract 39057255000	OH	$96,112	Relatively Low	Very High	1.02	$97,943	59.65
18	Census tract 39057270100	OH	$86,677	Relatively Moderate	Very High	1.07	$93,087	58.67
19	Census tract 39057240100	OH	$73,554	Relatively High	Very High	1.26	$92,819	58.61
20	Census tract 39057220102	OH	$147,416	Very Low	Very High	0.56	$81,861	56.23
	22 lower-risk communities were omitted from this report.							

Tsunami

Rank	Community	State	Risk Index Rating	Risk Index Score	National Percentile
	Census tract 39057200104	OH	Not Applicable		
	Census tract 39057200300	OH	Not Applicable		
	Census tract 39057200500	OH	Not Applicable		
	Census tract 39057210101	OH	Not Applicable		
	Census tract 39057210401	OH	Not Applicable		
	Census tract 39057210402	OH	Not Applicable		
	Census tract 39057210500	OH	Not Applicable		
	Census tract 39057210602	OH	Not Applicable		
	Census tract 39057210603	OH	Not Applicable		
	Census tract 39057210604	OH	Not Applicable		
	Census tract 39057220102	OH	Not Applicable		
	Census tract 39057220201	OH	Not Applicable		
	Census tract 39057240100	OH	Not Applicable		
	Census tract 39057240200	OH	Not Applicable		
	Census tract 39057240302	OH	Not Applicable		
	Census tract 39057240500	OH	Not Applicable		
	Census tract 39057240600	OH	Not Applicable		
	Census tract 39057255000	OH	Not Applicable		
	Census tract 39057260100	OH	Not Applicable		
	Census tract 39057270100	OH	Not Applicable		
	22 lower-risk communities were omitted from this report.				

Rank	Community	State	EAL Value	Social Vulnerability	Community Resilience	CRF	Risk Value	Risk Index Score
	Census tract 39057200104	OH	N/A	Relatively Moderate	Very High	1.18	N/A	N/A
	Census tract 39057200300	OH	N/A	Relatively High	Very High	1.32	N/A	N/A
	Census tract 39057200500	OH	N/A	Relatively Moderate	Very High	1.19	N/A	N/A
	Census tract 39057210101	OH	N/A	Very Low	Very High	0.75	N/A	N/A
	Census tract 39057210401	OH	N/A	Relatively Moderate	Very High	1.06	N/A	N/A
	22 lower-risk communities were omitted from this report.							

Rank	Community	State	EAL Value	Social Vulnerability	Community Resilience	CRF	Risk Value	Risk Index Score
	Census tract 39057210402	OH	N/A	Relatively Low	Very High	0.9	N/A	N/A
	Census tract 39057210500	OH	N/A	Very Low	Very High	0.83	N/A	N/A
	Census tract 39057210602	OH	N/A	Very Low	Very High	0.66	N/A	N/A
	Census tract 39057210603	OH	N/A	Very Low	Very High	0.55	N/A	N/A
	Census tract 39057210604	OH	N/A	Relatively Low	Very High	0.95	N/A	N/A
	Census tract 39057220102	OH	N/A	Very Low	Very High	0.56	N/A	N/A
	Census tract 39057220201	OH	N/A	Very Low	Very High	0.78	N/A	N/A
	Census tract 39057240100	OH	N/A	Relatively High	Very High	1.26	N/A	N/A
	Census tract 39057240200	OH	N/A	Very High	Very High	1.47	N/A	N/A
	Census tract 39057240302	OH	N/A	Very High	Very High	1.45	N/A	N/A
	Census tract 39057240500	OH	N/A	Relatively Moderate	Very High	1.17	N/A	N/A
	Census tract 39057240600	OH	N/A	Relatively High	Very High	1.29	N/A	N/A
	Census tract 39057255000	OH	N/A	Relatively Low	Very High	1.02	N/A	N/A
	Census tract 39057260100	OH	N/A	Relatively Low	Very High	0.88	N/A	N/A
	Census tract 39057270100	OH	N/A	Relatively Moderate	Very High	1.07	N/A	N/A

22 lower-risk communities were omitted from this report.

Volcanic Activity

Rank	Community	State	Risk Index Rating	Risk Index Score	National Percentile
	Census tract 39057200104	OH	Not Applicable		
	Census tract 39057200300	OH	Not Applicable		
	Census tract 39057200500	OH	Not Applicable		
	Census tract 39057210101	OH	Not Applicable		
	Census tract 39057210401	OH	Not Applicable		
	Census tract 39057210402	OH	Not Applicable		
	Census tract 39057210500	OH	Not Applicable		
	Census tract 39057210602	OH	Not Applicable		
	Census tract 39057210603	OH	Not Applicable		
	Census tract 39057210604	OH	Not Applicable		
	Census tract 39057220102	OH	Not Applicable		

22 lower-risk communities were omitted from this report.

Rank	Community	State	Risk Index Rating	Risk Index Score	National Percentile
	Census tract 39057220201	OH	Not Applicable		
	Census tract 39057240100	OH	Not Applicable		
	Census tract 39057240200	OH	Not Applicable		
	Census tract 39057240302	OH	Not Applicable		
	Census tract 39057240500	OH	Not Applicable		
	Census tract 39057240600	OH	Not Applicable		
	Census tract 39057255000	OH	Not Applicable		
	Census tract 39057260100	OH	Not Applicable		
	Census tract 39057270100	OH	Not Applicable		
	22 lower-risk communities were omitted from this report.				

Rank	Community	State	EAL Value	Social Vulnerability	Community Resilience	CRF	Risk Value	Risk Index Score
	Census tract 39057200104	OH	N/A	Relatively Moderate	Very High	1.18	N/A	N/A
	Census tract 39057200300	OH	N/A	Relatively High	Very High	1.32	N/A	N/A
	Census tract 39057200500	OH	N/A	Relatively Moderate	Very High	1.19	N/A	N/A
	Census tract 39057210101	OH	N/A	Very Low	Very High	0.75	N/A	N/A
	Census tract 39057210401	OH	N/A	Relatively Moderate	Very High	1.06	N/A	N/A
	Census tract 39057210402	OH	N/A	Relatively Low	Very High	0.9	N/A	N/A
	Census tract 39057210500	OH	N/A	Very Low	Very High	0.83	N/A	N/A
	Census tract 39057210602	OH	N/A	Very Low	Very High	0.66	N/A	N/A
	Census tract 39057210603	OH	N/A	Very Low	Very High	0.55	N/A	N/A
	Census tract 39057210604	OH	N/A	Relatively Low	Very High	0.95	N/A	N/A
	Census tract 39057220102	OH	N/A	Very Low	Very High	0.56	N/A	N/A
	Census tract 39057220201	OH	N/A	Very Low	Very High	0.78	N/A	N/A
	Census tract 39057240100	OH	N/A	Relatively High	Very High	1.26	N/A	N/A
	Census tract 39057240200	OH	N/A	Very High	Very High	1.47	N/A	N/A
	Census tract 39057240302	OH	N/A	Very High	Very High	1.45	N/A	N/A
	Census tract 39057240500	OH	N/A	Relatively Moderate	Very High	1.17	N/A	N/A
	Census tract 39057240600	OH	N/A	Relatively High	Very High	1.29	N/A	N/A
	Census tract 39057255000	OH	N/A	Relatively Low	Very High	1.02	N/A	N/A
	22 lower-risk communities were omitted from this report.							

Rank	Community	State	EAL Value	Social Vulnerability	Community Resilience	CRF	Risk Value	Risk Index Score
	Census tract 39057260100	OH	N/A	Relatively Low	Very High	0.88	N/A	N/A
	Census tract 39057270100	OH	N/A	Relatively Moderate	Very High	1.07	N/A	N/A
	22 lower-risk communities were omitted from this report.							

Wildfire

Rank	Community	State	Risk Index Rating	Risk Index Score	National Percentile
1	Census tract 39057210500	OH	Relatively Low	77.84	0 100
2	Census tract 39057210604	OH	Relatively Low	75.92	0 100
3	Census tract 39057210603	OH	Relatively Low	75.06	0 100
4	Census tract 39057220102	OH	Relatively Low	74.03	0 100
5	Census tract 39057255000	OH	Relatively Low	72.51	0 100
6	Census tract 39057240600	OH	Relatively Low	71.49	0 100
7	Census tract 39057210602	OH	Relatively Low	71.01	0 100
8	Census tract 39057240302	OH	Relatively Low	69.88	0 100
9	Census tract 39057210402	OH	Relatively Low	67.88	0 100
10	Census tract 39057240500	OH	Relatively Low	67.82	0 100
11	Census tract 39057210401	OH	Relatively Low	66.9	0 100
12	Census tract 39057260100	OH	Relatively Low	65.75	0 100
13	Census tract 39057240200	OH	Relatively Low	65.01	0 100
14	Census tract 39057200104	OH	Relatively Low	63.62	0 100
15	Census tract 39057220201	OH	Relatively Low	63.57	0 100
16	Census tract 39057210101	OH	Relatively Low	62.95	0 100
17	Census tract 39057270100	OH	Relatively Low	61.06	0 100
18	Census tract 39057240100	OH	Relatively Low	60.95	0 100
19	Census tract 39057200300	OH	Relatively Low	54.69	0 100
20	Census tract 39057200500	OH	Relatively Low	54.49	0 100
	22 lower-risk communities were omitted from this report.				

Rank	Community	State	EAL Value	Social Vulnerability	Community Resilience	CRF	Risk Value	Risk Index Score
1	Census tract 39057210500	OH	$3,707	Very Low	Very High	0.83	$3,072	77.84
2	Census tract 39057210604	OH	$2,534	Relatively Low	Very High	0.95	$2,404	75.92
3	Census tract 39057210603	OH	$3,998	Very Low	Very High	0.55	$2,187	75.06
4	Census tract 39057220102	OH	$3,558	Very Low	Very High	0.56	$1,976	74.03
5	Census tract 39057255000	OH	$1,688	Relatively Low	Very High	1.02	$1,720	72.51
6	Census tract 39057240600	OH	$1,227	Relatively High	Very High	1.29	$1,583	71.49
7	Census tract 39057210602	OH	$2,309	Very Low	Very High	0.66	$1,531	71.01
8	Census tract 39057240302	OH	$972	Very High	Very High	1.45	$1,411	69.88
9	Census tract 39057210402	OH	$1,362	Relatively Low	Very High	0.9	$1,219	67.88
10	Census tract 39057240500	OH	$1,035	Relatively Moderate	Very High	1.17	$1,215	67.82
11	Census tract 39057210401	OH	$1,068	Relatively Moderate	Very High	1.06	$1,136	66.9
12	Census tract 39057260100	OH	$1,191	Relatively Low	Very High	0.88	$1,049	65.75
13	Census tract 39057240200	OH	$680	Very High	Very High	1.47	$998	65.01
14	Census tract 39057200104	OH	$768	Relatively Moderate	Very High	1.18	$909	63.62
15	Census tract 39057220201	OH	$1,162	Very Low	Very High	0.78	$906	63.57
16	Census tract 39057210101	OH	$1,150	Very Low	Very High	0.75	$868	62.95
17	Census tract 39057270100	OH	$707	Relatively Moderate	Very High	1.07	$760	61.06
18	Census tract 39057240100	OH	$597	Relatively High	Very High	1.26	$753	60.95
19	Census tract 39057200300	OH	$370	Relatively High	Very High	1.32	$489	54.69
20	Census tract 39057200500	OH	$406	Relatively Moderate	Very High	1.19	$482	54.49

22 lower-risk communities were omitted from this report.

Winter Weather

Rank	Community	State	Risk Index Rating	Risk Index Score	National Percentile
1	Census tract 39057240600	OH	Relatively Moderate	81.11	0 100
2	Census tract 39057200104	OH	Relatively Moderate	80.05	0 100
3	Census tract 39057240200	OH	Relatively Moderate	79.75	0 100
4	Census tract 39057260100	OH	Relatively Moderate	79.28	0 100
5	Census tract 39057240302	OH	Relatively Moderate	78.4	0 100
6	Census tract 39057210500	OH	Relatively Moderate	77.96	0 100

22 lower-risk communities were omitted from this report.

Rank	Community	State	Risk Index Rating	Risk Index Score	National Percentile
7	Census tract 39057210401	OH	Relatively Moderate	77.68	0 100
8	Census tract 39057240500	OH	Relatively Moderate	77.16	0 100
9	Census tract 39057210604	OH	Relatively Moderate	76.91	0 100
10	Census tract 39057200500	OH	Relatively Moderate	76.02	0 100
11	Census tract 39057200300	OH	Relatively Moderate	74.57	0 100
12	Census tract 39057210402	OH	Relatively Moderate	74.12	0 100
13	Census tract 39057210603	OH	Relatively Moderate	73.76	0 100
14	Census tract 39057270100	OH	Relatively Moderate	72.24	0 100
15	Census tract 39057255000	OH	Relatively Moderate	69.95	0 100
16	Census tract 39057210602	OH	Relatively Moderate	69.92	0 100
17	Census tract 39057220201	OH	Relatively Moderate	69.72	0 100
18	Census tract 39057240100	OH	Relatively Moderate	69.22	0 100
19	Census tract 39057210101	OH	Relatively Moderate	68.34	0 100
20	Census tract 39057220102	OH	Relatively Moderate	64.67	0 100

22 lower-risk communities were omitted from this report.

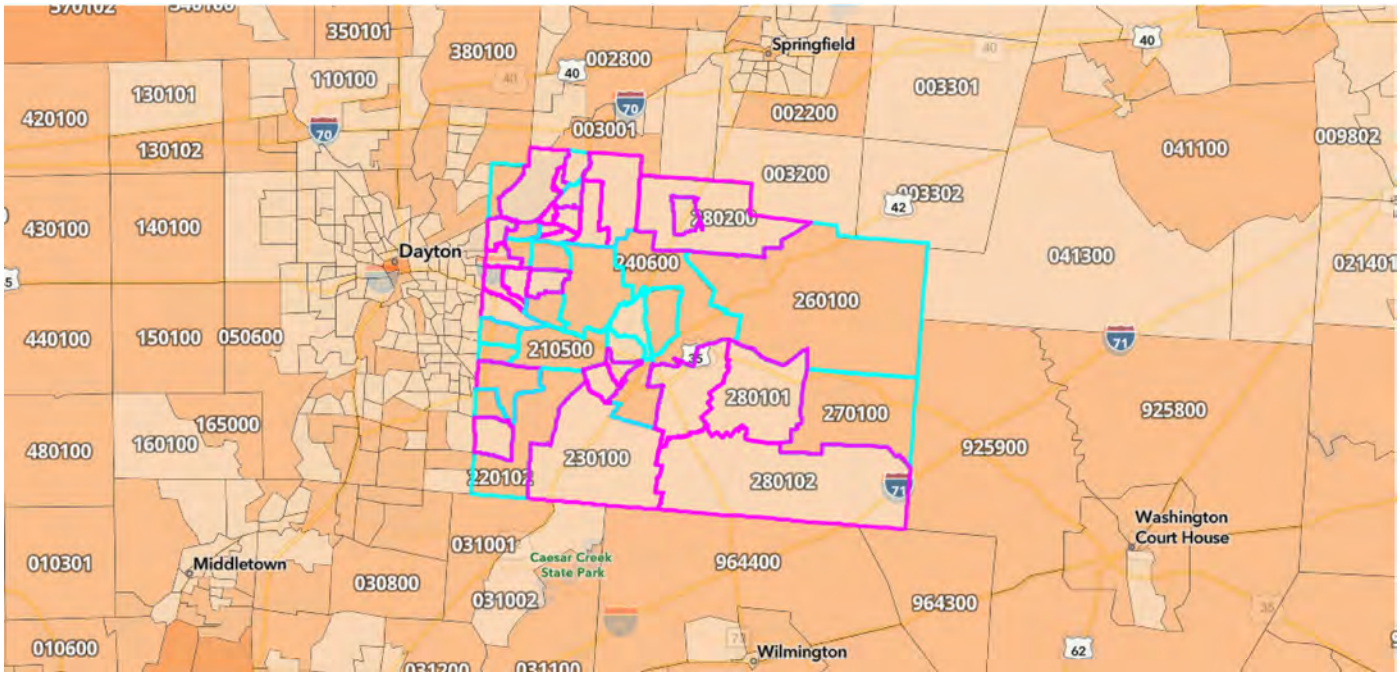
Rank	Community	State	EAL Value	Social Vulnerability	Community Resilience	CRF	Risk Value	Risk Index Score
1	Census tract 39057240600	OH	$5,740	Relatively High	Very High	1.29	$7,404	81.11
2	Census tract 39057200104	OH	$5,873	Relatively Moderate	Very High	1.18	$6,951	80.05
3	Census tract 39057240200	OH	$4,653	Very High	Very High	1.47	$6,829	79.75
4	Census tract 39057260100	OH	$7,550	Relatively Low	Very High	0.88	$6,653	79.28
5	Census tract 39057240302	OH	$4,357	Very High	Very High	1.45	$6,319	78.4
6	Census tract 39057210500	OH	$7,446	Very Low	Very High	0.83	$6,170	77.96
7	Census tract 39057210401	OH	$5,710	Relatively Moderate	Very High	1.06	$6,076	77.68
8	Census tract 39057240500	OH	$5,023	Relatively Moderate	Very High	1.17	$5,895	77.16
9	Census tract 39057210604	OH	$6,138	Relatively Low	Very High	0.95	$5,823	76.91
10	Census tract 39057200500	OH	$4,673	Relatively Moderate	Very High	1.19	$5,547	76.02
11	Census tract 39057200300	OH	$3,884	Relatively High	Very High	1.32	$5,133	74.57
12	Census tract 39057210402	OH	$5,598	Relatively Low	Very High	0.9	$5,013	74.12
13	Census tract 39057210603	OH	$8,990	Very Low	Very High	0.55	$4,918	73.76

22 lower-risk communities were omitted from this report.

Rank	Community	State	EAL Value	Social Vulnerability	Community Resilience	CRF	Risk Value	Risk Index Score
14	Census tract 39057270100	OH	$4,217	Relatively Moderate	Very High	1.07	$4,529	72.24
15	Census tract 39057255000	OH	$3,941	Relatively Low	Very High	1.02	$4,016	69.95
16	Census tract 39057210602	OH	$6,048	Very Low	Very High	0.66	$4,010	69.92
17	Census tract 39057220201	OH	$5,091	Very Low	Very High	0.78	$3,969	69.72
18	Census tract 39057240100	OH	$3,066	Relatively High	Very High	1.26	$3,869	69.22
19	Census tract 39057210101	OH	$4,902	Very Low	Very High	0.75	$3,700	68.34
20	Census tract 39057220102	OH	$5,551	Very Low	Very High	0.56	$3,082	64.67
	22 lower-risk communities were omitted from this report.							

Expected Annual Loss

Expected Annual Loss measures the expected loss each year due to natural hazards.



Expected Annual Loss Legend

Very High | Relatively High | Relatively Moderate | Relatively Low | Very Low

No Expected Annual Losses | Not Applicable | Insufficient Data

Rank	Community	State	EAL Value	Score
1	Census tract 39057210603	OH	$514,897	51.95
2	Census tract 39057260100	OH	$509,448	51.57
3	Census tract 39057210500	OH	$457,874	47.4
4	Census tract 39057220102	OH	$414,631	43.42
5	Census tract 39057210602	OH	$395,561	41.54
6	Census tract 39057200104	OH	$361,589	38
7	Census tract 39057240600	OH	$351,517	36.97
8	Census tract 39057210101	OH	$346,417	36.41
9	Census tract 39057210604	OH	$342,226	35.99
10	Census tract 39057210401	OH	$304,290	31.87
11	Census tract 39057240500	OH	$300,518	31.47
12	Census tract 39057220201	OH	$290,582	30.29

22 lower-risk communities were omitted from this report.

Rank	Community	State	EAL Value	Score
13	Census tract 39057210402	OH	$282,195	29.21
14	Census tract 39057270100	OH	$268,691	27.73
15	Census tract 39057240302	OH	$264,510	27.21
16	Census tract 39057200300	OH	$233,331	23.34
17	Census tract 39057255000	OH	$232,348	23.24
18	Census tract 39057240200	OH	$227,204	22.6
19	Census tract 39057200500	OH	$203,412	19.42
20	Census tract 39057240100	OH	$181,263	16.44
	22 lower-risk communities were omitted from this report.			

Expected Annual Loss for Hazard Types

Expected Annual Loss scores for hazard types are calculated using data for only a single hazard type, and reflect a community's relative expected annual loss for only that hazard type.

Avalanche

Rank	Community	State	EAL Value	Score
	Census tract 39057200104	OH	N/A	–
	Census tract 39057200300	OH	N/A	–
	Census tract 39057200500	OH	N/A	–
	Census tract 39057210101	OH	N/A	–
	Census tract 39057210401	OH	N/A	–
	Census tract 39057210402	OH	N/A	–
	Census tract 39057210500	OH	N/A	–
	Census tract 39057210602	OH	N/A	–
	Census tract 39057210603	OH	N/A	–
	Census tract 39057210604	OH	N/A	–
	Census tract 39057220102	OH	N/A	–
	Census tract 39057220201	OH	N/A	–
	Census tract 39057240100	OH	N/A	–
	Census tract 39057240200	OH	N/A	–
	Census tract 39057240302	OH	N/A	–
	Census tract 39057240500	OH	N/A	–
	Census tract 39057240600	OH	N/A	–
	Census tract 39057255000	OH	N/A	–
	Census tract 39057260100	OH	N/A	–
	Census tract 39057270100	OH	N/A	–
	22 lower-risk communities were omitted from this report.			

Coastal Flooding

Rank	Community	State	EAL Value	Score
	Census tract 39057200104	OH	N/A	–
	22 lower-risk communities were omitted from this report.			

Rank	Community	State	EAL Value	Score
	Census tract 39057200300	OH	N/A	–
	Census tract 39057200500	OH	N/A	–
	Census tract 39057210101	OH	N/A	–
	Census tract 39057210401	OH	N/A	–
	Census tract 39057210402	OH	N/A	–
	Census tract 39057210500	OH	N/A	–
	Census tract 39057210602	OH	N/A	–
	Census tract 39057210603	OH	N/A	–
	Census tract 39057210604	OH	N/A	–
	Census tract 39057220102	OH	N/A	–
	Census tract 39057220201	OH	N/A	–
	Census tract 39057240100	OH	N/A	–
	Census tract 39057240200	OH	N/A	–
	Census tract 39057240302	OH	N/A	–
	Census tract 39057240500	OH	N/A	–
	Census tract 39057240600	OH	N/A	–
	Census tract 39057255000	OH	N/A	–
	Census tract 39057260100	OH	N/A	–
	Census tract 39057270100	OH	N/A	–
	22 lower-risk communities were omitted from this report.			

Cold Wave

Rank	Community	State	EAL Value	Score
1	**Census tract 39057260100**	OH	$10,669	78.9
2	**Census tract 39057270100**	OH	$3,951	66.2
3	**Census tract 39057240600**	OH	$2,884	62.2
4	**Census tract 39057210603**	OH	$2,818	61.9
5	**Census tract 39057220102**	OH	$2,234	59.1
6	**Census tract 39057210500**	OH	$1,889	57.1
7	**Census tract 39057240302**	OH	$1,477	54.7
	22 lower-risk communities were omitted from this report.			

Rank	Community	State	EAL Value	Score
8	Census tract 39057240500	OH	$1,466	54.6
9	Census tract 39057200104	OH	$1,418	54.3
10	Census tract 39057210604	OH	$1,418	54.3
11	Census tract 39057210602	OH	$1,294	53.5
12	Census tract 39057210402	OH	$1,287	53.5
13	Census tract 39057210401	OH	$1,286	53.5
14	Census tract 39057200500	OH	$1,163	52.6
15	Census tract 39057240200	OH	$1,163	52.6
16	Census tract 39057220201	OH	$1,113	52.3
17	Census tract 39057240100	OH	$978	51.4
18	Census tract 39057210101	OH	$965	51.3
19	Census tract 39057255000	OH	$953	51.2
20	Census tract 39057200300	OH	$944	51.1
	22 lower-risk communities were omitted from this report.			

Drought

Rank	Community	State	EAL Value	Score
1	Census tract 39057220102	OH	$7	71.4
	Census tract 39057200104	OH	$0	0.0
	Census tract 39057200300	OH	$0	0.0
	Census tract 39057200500	OH	$0	0.0
	Census tract 39057210101	OH	$0	0.0
	Census tract 39057210401	OH	$0	0.0
	Census tract 39057210402	OH	$0	0.0
	Census tract 39057210500	OH	$0	0.0
	Census tract 39057210602	OH	$0	0.0
	Census tract 39057210603	OH	$0	0.0
	Census tract 39057210604	OH	$0	0.0
	Census tract 39057220201	OH	$0	0.0
	Census tract 39057240100	OH	$0	0.0
	22 lower-risk communities were omitted from this report.			

Rank	Community	State	EAL Value	Score
	Census tract 39057240200	OH	$0	0.0
	Census tract 39057240302	OH	$0	0.0
	Census tract 39057240500	OH	$0	0.0
	Census tract 39057240600	OH	$0	0.0
	Census tract 39057255000	OH	$0	0.0
	Census tract 39057260100	OH	$0	0.0
	Census tract 39057270100	OH	$0	0.0
	22 lower-risk communities were omitted from this report.			

Earthquake

Rank	Community	State	EAL Value	Score
1	Census tract 39057260100	OH	$79,486	76.4
2	Census tract 39057210101	OH	$50,662	72.7
3	Census tract 39057240600	OH	$47,092	71.9
4	Census tract 39057200104	OH	$45,043	71.5
5	Census tract 39057210602	OH	$40,840	70.4
6	Census tract 39057270100	OH	$38,220	69.7
7	Census tract 39057255000	OH	$34,707	68.5
8	Census tract 39057210500	OH	$34,681	68.5
9	Census tract 39057240500	OH	$32,736	67.8
10	Census tract 39057210603	OH	$28,922	66.2
11	Census tract 39057240302	OH	$27,959	65.7
12	Census tract 39057210604	OH	$27,611	65.6
13	Census tract 39057240200	OH	$27,139	65.3
14	Census tract 39057210401	OH	$24,862	64.1
15	Census tract 39057220102	OH	$23,949	63.6
16	Census tract 39057220201	OH	$22,712	62.8
17	Census tract 39057240100	OH	$19,214	60.1
18	Census tract 39057210402	OH	$17,881	58.9
19	Census tract 39057200500	OH	$16,635	57.4
	22 lower-risk communities were omitted from this report.			

Rank	Community	State	EAL Value	Score
20	Census tract 39057200300	OH	$13,251	52.8
	22 lower-risk communities were omitted from this report.			

Hail

Rank	Community	State	EAL Value	Score
1	Census tract 39057260100	OH	$4,384	64.3
2	Census tract 39057270100	OH	$1,699	51.0
3	Census tract 39057210603	OH	$1,585	49.9
4	Census tract 39057240600	OH	$1,394	47.9
5	Census tract 39057210500	OH	$1,215	45.8
6	Census tract 39057220102	OH	$1,195	45.6
7	Census tract 39057200104	OH	$907	41.8
8	Census tract 39057210602	OH	$873	41.3
9	Census tract 39057210604	OH	$847	40.9
10	Census tract 39057240500	OH	$829	40.7
11	Census tract 39057210101	OH	$795	40.2
12	Census tract 39057240302	OH	$781	40.0
13	Census tract 39057210401	OH	$758	39.6
14	Census tract 39057210402	OH	$716	39.0
15	Census tract 39057220201	OH	$698	38.7
16	Census tract 39057240200	OH	$564	36.5
17	Census tract 39057255000	OH	$560	36.4
18	Census tract 39057240100	OH	$519	35.7
19	Census tract 39057200500	OH	$505	35.4
20	Census tract 39057200300	OH	$476	34.8
	22 lower-risk communities were omitted from this report.			

Heat Wave

Rank	Community	State	EAL Value	Score
1	Census tract 39057210603	OH	$21,321	69.6
	22 lower-risk communities were omitted from this report.			

Rank	Community	State	EAL Value	Score
2	Census tract 39057260100	OH	$19,380	67.7
3	Census tract 39057210500	OH	$16,880	65.0
4	Census tract 39057210604	OH	$14,851	62.3
5	Census tract 39057240600	OH	$14,118	61.3
6	Census tract 39057210402	OH	$14,059	61.2
7	Census tract 39057210401	OH	$13,971	61.1
8	Census tract 39057210602	OH	$13,870	60.9
9	Census tract 39057200104	OH	$13,526	60.4
10	Census tract 39057200500	OH	$12,955	59.5
11	Census tract 39057220102	OH	$12,780	59.2
12	Census tract 39057240200	OH	$12,335	58.4
13	Census tract 39057240500	OH	$12,030	57.9
14	Census tract 39057220201	OH	$11,964	57.8
15	Census tract 39057240302	OH	$10,634	55.3
16	Census tract 39057270100	OH	$10,456	54.9
17	Census tract 39057200300	OH	$10,147	54.3
18	Census tract 39057210101	OH	$10,089	54.2
19	Census tract 39057255000	OH	$9,545	53.0
20	Census tract 39057240100	OH	$7,536	48.6
	22 lower-risk communities were omitted from this report.			

Hurricane

Rank	Community	State	EAL Value	Score
1	Census tract 39057260100	OH	$3,836	30.3
2	Census tract 39057210603	OH	$3,635	29.8
3	Census tract 39057210500	OH	$3,234	28.7
4	Census tract 39057210602	OH	$2,523	26.2
5	Census tract 39057220102	OH	$2,476	26.0
6	Census tract 39057210101	OH	$2,474	26.0
7	Census tract 39057200104	OH	$2,457	25.9
	22 lower-risk communities were omitted from this report.			

Rank	Community	State	EAL Value	Score
8	Census tract 39057240600	OH	$2,312	25.3
9	Census tract 39057210604	OH	$2,281	25.2
10	Census tract 39057210401	OH	$2,057	24.1
11	Census tract 39057270100	OH	$2,019	23.9
12	Census tract 39057220201	OH	$2,017	23.9
13	Census tract 39057240500	OH	$1,967	23.7
14	Census tract 39057210402	OH	$1,882	23.3
15	Census tract 39057240302	OH	$1,664	22.0
16	Census tract 39057255000	OH	$1,468	20.7
17	Census tract 39057240200	OH	$1,329	19.8
18	Census tract 39057200300	OH	$1,163	18.4
19	Census tract 39057240100	OH	$1,140	18.2
20	Census tract 39057200500	OH	$1,117	18.0
	22 lower-risk communities were omitted from this report.			

Ice Storm

Rank	Community	State	EAL Value	Score
1	Census tract 39057210603	OH	$104,248	98.3
2	Census tract 39057210500	OH	$93,983	97.9
3	Census tract 39057210602	OH	$74,322	97.1
4	Census tract 39057260100	OH	$72,513	97.0
5	Census tract 39057210101	OH	$72,261	97.0
6	Census tract 39057200104	OH	$71,799	96.9
7	Census tract 39057220102	OH	$69,974	96.8
8	Census tract 39057210604	OH	$67,431	96.6
9	Census tract 39057240600	OH	$62,479	96.2
10	Census tract 39057210401	OH	$61,058	96.1
11	Census tract 39057220201	OH	$60,641	96.1
12	Census tract 39057240500	OH	$56,882	95.7
13	Census tract 39057210402	OH	$56,077	95.6
	22 lower-risk communities were omitted from this report.			

Rank	Community	State	EAL Value	Score
14	Census tract 39057240302	OH	$47,487	94.6
15	Census tract 39057255000	OH	$43,230	93.9
16	Census tract 39057270100	OH	$41,464	93.6
17	Census tract 39057240200	OH	$39,865	93.3
18	Census tract 39057200300	OH	$34,837	92.2
19	Census tract 39057200500	OH	$34,082	92.0
20	Census tract 39057240100	OH	$32,781	91.6
	22 lower-risk communities were omitted from this report.			

Landslide

Rank	Community	State	EAL Value	Score
1	Census tract 39057210500	OH	$2,267	79.2
2	Census tract 39057220102	OH	$2,150	78.3
3	Census tract 39057210603	OH	$1,718	74.4
4	Census tract 39057260100	OH	$1,120	67.0
5	Census tract 39057210604	OH	$872	63.2
6	Census tract 39057240100	OH	$852	62.9
7	Census tract 39057200300	OH	$805	62.1
8	Census tract 39057220201	OH	$673	59.6
9	Census tract 39057210402	OH	$664	59.5
10	Census tract 39057240600	OH	$650	59.2
11	Census tract 39057255000	OH	$340	52.3
12	Census tract 39057210602	OH	$149	46.7
13	Census tract 39057240500	OH	$119	45.7
14	Census tract 39057200104	OH	$71	43.8
15	Census tract 39057240200	OH	$30	41.7
16	Census tract 39057240302	OH	$18	40.9
	Census tract 39057200500	OH	$0	0.0
	Census tract 39057210101	OH	$0	0.0
	Census tract 39057210401	OH	$0	0.0
	22 lower-risk communities were omitted from this report.			

Rank	Community	State	EAL Value	Score
	Census tract 39057270100	OH	$0	0.0
	22 lower-risk communities were omitted from this report.			

Lightning

Rank	Community	State	EAL Value	Score
1	Census tract 39057210603	OH	$23,999	90.3
2	Census tract 39057260100	OH	$21,468	88.2
3	Census tract 39057210500	OH	$19,955	86.6
4	Census tract 39057210604	OH	$18,076	84.3
5	Census tract 39057200104	OH	$17,447	83.4
6	Census tract 39057200500	OH	$16,312	81.7
7	Census tract 39057210602	OH	$16,064	81.3
8	Census tract 39057240600	OH	$16,034	81.3
9	Census tract 39057210402	OH	$16,004	81.2
10	Census tract 39057210401	OH	$15,880	81.0
11	Census tract 39057220102	OH	$14,068	77.7
12	Census tract 39057240500	OH	$13,365	76.2
13	Census tract 39057240200	OH	$13,225	75.9
14	Census tract 39057220201	OH	$13,030	75.5
15	Census tract 39057210101	OH	$13,023	75.5
16	Census tract 39057200300	OH	$12,420	74.1
17	Census tract 39057240302	OH	$11,523	71.9
18	Census tract 39057255000	OH	$11,279	71.2
19	Census tract 39057270100	OH	$10,861	70.1
20	Census tract 39057240100	OH	$8,006	60.5
	22 lower-risk communities were omitted from this report.			

Riverine Flooding

Rank	Community	State	EAL Value	Score
1	Census tract 39057220102	OH	$88,327	85.0
	22 lower-risk communities were omitted from this report.			

Rank	Community	State	EAL Value	Score
2	Census tract 39057260100	OH	$85,102	84.6
3	Census tract 39057200300	OH	$47,189	77.3
4	Census tract 39057270100	OH	$40,533	75.1
5	Census tract 39057210602	OH	$31,034	71.2
6	Census tract 39057240302	OH	$20,641	65.1
7	Census tract 39057210603	OH	$18,898	63.8
8	Census tract 39057240600	OH	$17,349	62.5
9	Census tract 39057210500	OH	$13,923	59.4
10	Census tract 39057240500	OH	$13,003	58.3
11	Census tract 39057240100	OH	$11,353	56.5
12	Census tract 39057220201	OH	$6,626	49.5
13	Census tract 39057210604	OH	$6,115	48.6
14	Census tract 39057200104	OH	$2,706	40.1
15	Census tract 39057200500	OH	$761	32.4
16	Census tract 39057240200	OH	$597	31.4
17	Census tract 39057210401	OH	$311	29.5
18	Census tract 39057255000	OH	$171	28.3
19	Census tract 39057210402	OH	$32	26.6
	Census tract 39057210101	OH	$0	0.0
	22 lower-risk communities were omitted from this report.			

Strong Wind

Rank	Community	State	EAL Value	Score
1	Census tract 39057210603	OH	$67,512	90.2
2	Census tract 39057210500	OH	$59,613	88.6
3	Census tract 39057260100	OH	$49,486	85.9
4	Census tract 39057210602	OH	$47,406	85.2
5	Census tract 39057200104	OH	$45,870	84.7
6	Census tract 39057210101	OH	$44,305	84.1
7	Census tract 39057210604	OH	$44,205	84.1
	22 lower-risk communities were omitted from this report.			

Rank	Community	State	EAL Value	Score
8	Census tract 39057240600	OH	$41,211	82.8
9	Census tract 39057220102	OH	$40,947	82.7
10	Census tract 39057210401	OH	$40,301	82.5
11	Census tract 39057210402	OH	$37,659	81.2
12	Census tract 39057240500	OH	$37,041	80.9
13	Census tract 39057220201	OH	$34,750	79.7
14	Census tract 39057240302	OH	$31,206	77.5
15	Census tract 39057255000	OH	$28,355	75.5
16	Census tract 39057240200	OH	$28,005	75.2
17	Census tract 39057270100	OH	$27,886	75.1
18	Census tract 39057200500	OH	$25,208	72.9
19	Census tract 39057200300	OH	$24,139	71.9
20	Census tract 39057240100	OH	$21,667	69.5
	22 lower-risk communities were omitted from this report.			

Tornado

Rank	Community	State	EAL Value	Score
1	Census tract 39057210603	OH	$227,255	82.0
2	Census tract 39057210500	OH	$199,080	78.4
3	Census tract 39057210602	OH	$158,829	72.6
4	Census tract 39057200104	OH	$153,703	71.7
5	Census tract 39057260100	OH	$153,264	71.7
6	Census tract 39057210604	OH	$149,846	71.1
7	Census tract 39057220102	OH	$147,416	70.7
8	Census tract 39057210101	OH	$145,790	70.5
9	Census tract 39057240600	OH	$139,028	69.3
10	Census tract 39057210401	OH	$137,029	69.0
11	Census tract 39057220201	OH	$130,107	67.8
12	Census tract 39057210402	OH	$128,974	67.6
13	Census tract 39057240500	OH	$125,021	66.9
	22 lower-risk communities were omitted from this report.			

Rank	Community	State	EAL Value	Score
14	Census tract 39057240302	OH	$105,791	63.4
15	Census tract 39057240200	OH	$97,620	61.8
16	Census tract 39057255000	OH	$96,112	61.4
17	Census tract 39057200500	OH	$89,596	60.1
18	Census tract 39057270100	OH	$86,677	59.4
19	Census tract 39057200300	OH	$83,706	58.7
20	Census tract 39057240100	OH	$73,554	56.3
	22 lower-risk communities were omitted from this report.			

Tsunami

Rank	Community	State	EAL Value	Score
	Census tract 39057200104	OH	N/A	–
	Census tract 39057200300	OH	N/A	–
	Census tract 39057200500	OH	N/A	–
	Census tract 39057210101	OH	N/A	–
	Census tract 39057210401	OH	N/A	–
	Census tract 39057210402	OH	N/A	–
	Census tract 39057210500	OH	N/A	–
	Census tract 39057210602	OH	N/A	–
	Census tract 39057210603	OH	N/A	–
	Census tract 39057210604	OH	N/A	–
	Census tract 39057220102	OH	N/A	–
	Census tract 39057220201	OH	N/A	–
	Census tract 39057240100	OH	N/A	–
	Census tract 39057240200	OH	N/A	–
	Census tract 39057240302	OH	N/A	–
	Census tract 39057240500	OH	N/A	–
	Census tract 39057240600	OH	N/A	–
	Census tract 39057255000	OH	N/A	–
	Census tract 39057260100	OH	N/A	–
	22 lower-risk communities were omitted from this report.			

Rank	Community	State	EAL Value	Score
	Census tract 39057270100	OH	N/A	–
	22 lower-risk communities were omitted from this report.			

Volcanic Activity

Rank	Community	State	EAL Value	Score
	Census tract 39057200104	OH	N/A	–
	Census tract 39057200300	OH	N/A	–
	Census tract 39057200500	OH	N/A	–
	Census tract 39057210101	OH	N/A	–
	Census tract 39057210401	OH	N/A	–
	Census tract 39057210402	OH	N/A	–
	Census tract 39057210500	OH	N/A	–
	Census tract 39057210602	OH	N/A	–
	Census tract 39057210603	OH	N/A	–
	Census tract 39057210604	OH	N/A	–
	Census tract 39057220102	OH	N/A	–
	Census tract 39057220201	OH	N/A	–
	Census tract 39057240100	OH	N/A	–
	Census tract 39057240200	OH	N/A	–
	Census tract 39057240302	OH	N/A	–
	Census tract 39057240500	OH	N/A	–
	Census tract 39057240600	OH	N/A	–
	Census tract 39057255000	OH	N/A	–
	Census tract 39057260100	OH	N/A	–
	Census tract 39057270100	OH	N/A	–
	22 lower-risk communities were omitted from this report.			

Wildfire

Rank	Community	State	EAL Value	Score
1	Census tract 39057210603	OH	$3,998	79.8
	22 lower-risk communities were omitted from this report.			

Rank	Community	State	EAL Value	Score
2	Census tract 39057210500	OH	$3,707	79.3
3	Census tract 39057220102	OH	$3,558	79.1
4	Census tract 39057210604	OH	$2,534	76.8
5	Census tract 39057210602	OH	$2,309	75.9
6	Census tract 39057255000	OH	$1,688	72.6
7	Census tract 39057210402	OH	$1,362	70.0
8	Census tract 39057240600	OH	$1,227	68.6
9	Census tract 39057260100	OH	$1,191	68.1
10	Census tract 39057220201	OH	$1,162	67.8
11	Census tract 39057210101	OH	$1,150	67.6
12	Census tract 39057210401	OH	$1,068	66.5
13	Census tract 39057240500	OH	$1,035	66.1
14	Census tract 39057240302	OH	$972	65.2
15	Census tract 39057200104	OH	$768	61.9
16	Census tract 39057270100	OH	$707	60.8
17	Census tract 39057240200	OH	$680	60.2
18	Census tract 39057240100	OH	$597	58.3
19	Census tract 39057200500	OH	$406	53.2
20	Census tract 39057200300	OH	$370	52.0
	22 lower-risk communities were omitted from this report.			

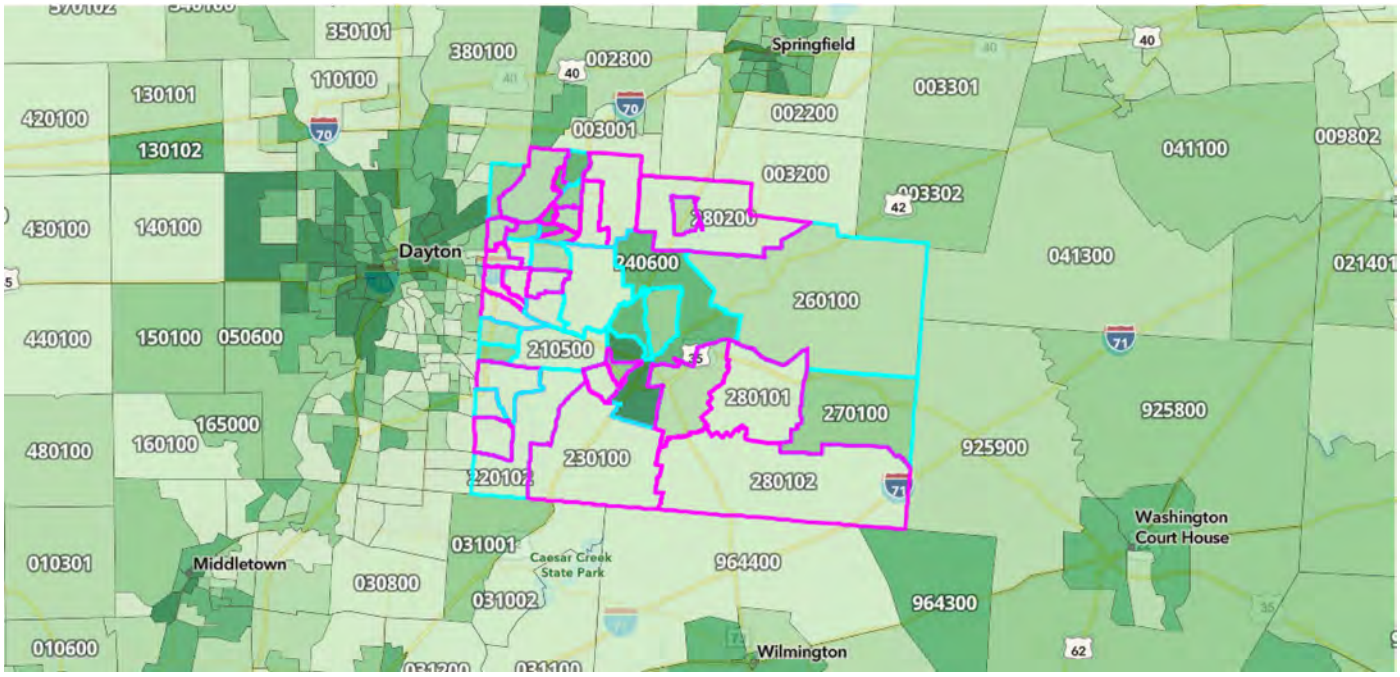
Winter Weather

Rank	Community	State	EAL Value	Score
1	Census tract 39057210603	OH	$8,990	85.9
2	Census tract 39057260100	OH	$7,550	83.3
3	Census tract 39057210500	OH	$7,446	83.1
4	Census tract 39057210604	OH	$6,138	79.9
5	Census tract 39057210602	OH	$6,048	79.6
6	Census tract 39057200104	OH	$5,873	79.1
7	Census tract 39057240600	OH	$5,740	78.7
	22 lower-risk communities were omitted from this report.			

Rank	Community	State	EAL Value	Score
8	Census tract 39057210401	OH	$5,710	78.7
9	Census tract 39057210402	OH	$5,598	78.3
10	Census tract 39057220102	OH	$5,551	78.1
11	Census tract 39057220201	OH	$5,091	76.5
12	Census tract 39057240500	OH	$5,023	76.2
13	Census tract 39057210101	OH	$4,902	75.7
14	Census tract 39057200500	OH	$4,673	74.8
15	Census tract 39057240200	OH	$4,653	74.7
16	Census tract 39057240302	OH	$4,357	73.5
17	Census tract 39057270100	OH	$4,217	72.9
18	Census tract 39057255000	OH	$3,941	71.6
19	Census tract 39057200300	OH	$3,884	71.3
20	Census tract 39057240100	OH	$3,066	66.7
	22 lower-risk communities were omitted from this report.			

Social Vulnerability

Social Vulnerability measures the susceptibility of social groups to the adverse impacts of natural hazards, including disproportionate death, injury, loss, or disruption of livelihood.



Social Vulnerability Legend

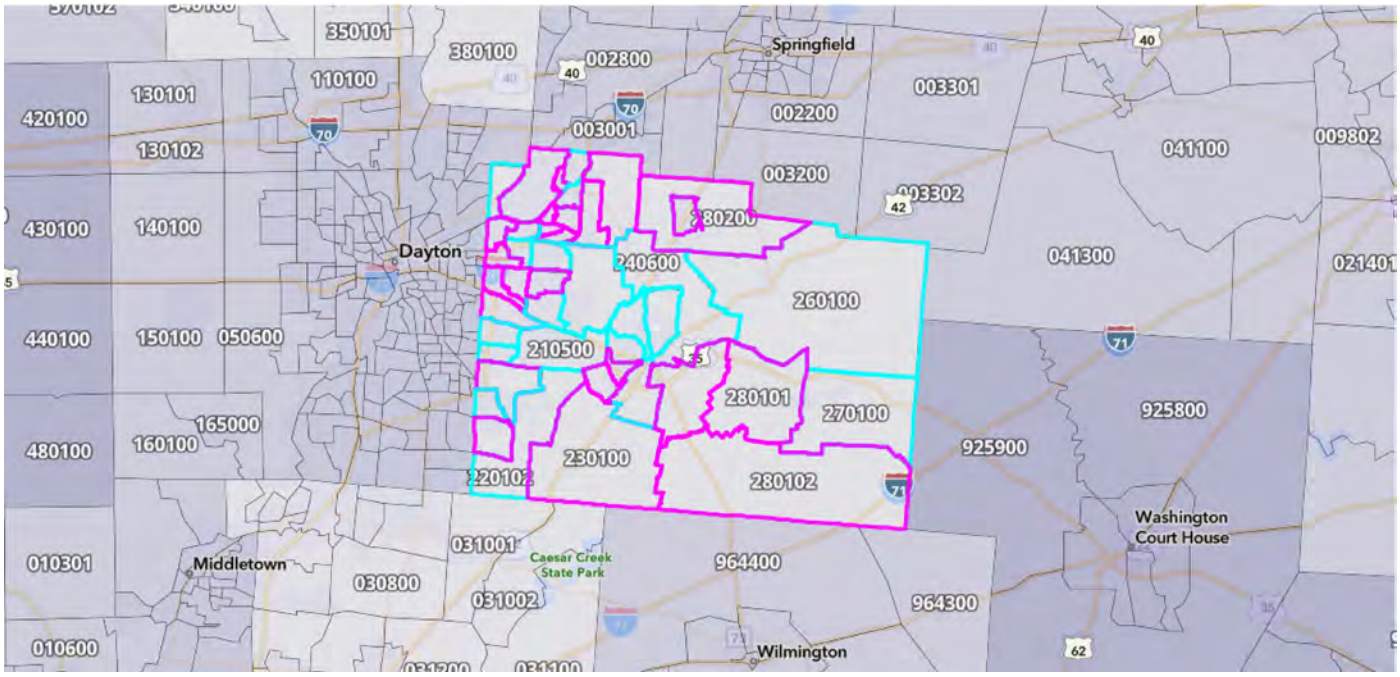
Very High | Relatively High | Relatively Moderate | Relatively Low | Very Low | Data Unavailable

Rank	Community	State	Rating	Score
1	Census tract 39057240200	OH	Very High	86.1
2	Census tract 39057240302	OH	Very High	84.7
3	Census tract 39057200300	OH	Relatively High	73.3
4	Census tract 39057240600	OH	Relatively High	70.0
5	Census tract 39057240100	OH	Relatively High	67.2
6	Census tract 39057200500	OH	Relatively Moderate	58.8
7	Census tract 39057200104	OH	Relatively Moderate	58.4
8	Census tract 39057240500	OH	Relatively Moderate	57.2
9	Census tract 39057270100	OH	Relatively Moderate	45.0
10	Census tract 39057210401	OH	Relatively Moderate	43.7
11	Census tract 39057255000	OH	Relatively Low	37.5
	22 lower-risk communities were omitted from this report.			

Rank	Community	State	Rating	Score
12	Census tract 39057210604	OH	Relatively Low	28.0
13	Census tract 39057210402	OH	Relatively Low	21.7
14	Census tract 39057260100	OH	Relatively Low	20.1
15	Census tract 39057210500	OH	Very Low	14.9
16	Census tract 39057220201	OH	Very Low	10.8
17	Census tract 39057210101	OH	Very Low	9.0
18	Census tract 39057210602	OH	Very Low	3.7
19	Census tract 39057220102	OH	Very Low	0.4
20	Census tract 39057210603	OH	Very Low	0.3
	22 lower-risk communities were omitted from this report.			

Community Resilience

Community Resilience measures a County's ability to prepare for anticipated natural hazards, adapt to changing conditions, and withstand and recover rapidly from disruptions.



Community Resilience Legend

Very High | Relatively High | Relatively Moderate | Relatively Low | Very Low | Data Unavailable

Rank	Community	State	Rating	Score
1	Census tract 39057200104	OH	Very High	81.8
1	Census tract 39057200300	OH	Very High	81.8
1	Census tract 39057200500	OH	Very High	81.8
1	Census tract 39057210101	OH	Very High	81.8
1	Census tract 39057210401	OH	Very High	81.8
1	Census tract 39057210402	OH	Very High	81.8
1	Census tract 39057210500	OH	Very High	81.8
1	Census tract 39057210602	OH	Very High	81.8
1	Census tract 39057210603	OH	Very High	81.8
1	Census tract 39057210604	OH	Very High	81.8
1	Census tract 39057220102	OH	Very High	81.8
	22 lower-risk communities were omitted from this report.			

Rank	Community	State	Rating	Score
1	Census tract 39057220201	OH	Very High	81.8
1	Census tract 39057240100	OH	Very High	81.8
1	Census tract 39057240200	OH	Very High	81.8
1	Census tract 39057240302	OH	Very High	81.8
1	Census tract 39057240500	OH	Very High	81.8
1	Census tract 39057240600	OH	Very High	81.8
1	Census tract 39057255000	OH	Very High	81.8
1	Census tract 39057260100	OH	Very High	81.8
1	Census tract 39057270100	OH	Very High	81.8
	22 lower-risk communities were omitted from this report.			

About the National Risk Index

The National Risk Index is a dataset and online tool to help illustrate the United States communities most at risk for 18 natural hazards: Avalanche, Coastal Flooding, Cold Wave, Drought, Earthquake, Hail, Heat Wave, Hurricane, Ice Storm, Landslide, Lightning, Riverine Flooding, Strong Wind, Tornado, Tsunami, Volcanic Activity, Wildfire, and Winter Weather.

The National Risk Index leverages available source data for Expected Annual Loss due to these 18 hazard types, Social Vulnerability, and Community Resilience to develop a baseline relative risk measurement for each United States county and Census tract. These measurements are calculated using average past conditions, but they cannot be used to predict future outcomes for a community. The National Risk Index is intended to fill gaps in available data and analyses to better inform federal, state, local, tribal, and territorial decision makers as they develop risk reduction strategies.

Explore the National Risk Index Map at **hazards.fema.gov/nri/map**.

Visit the National Risk Index website at **hazards.fema.gov/nri/learn-more** to access supporting documentation and links.

Calculating the Risk Index

Risk Index values are calculated using an equation* that combines values for Expected Annual Loss (EAL) due to natural hazards, with the Community Risk Factor (CRF), which is a function of Social Vulnerability and Community Resilience:

$$\text{Risk Index} = \text{Expected Annual Loss} \times \text{Community Risk Factor}$$

$$\text{where Community Risk Factor} = f\left(\frac{\text{Social Vulnerability}}{\text{Community Resilience}}\right)$$

*County-level risk values are derived by summing the risk values of all census tracts within that county.

Risk is presented as a composite value and score for all 18 hazard types, as well as individual values and scores for each hazard type.

For more information, visit **hazards.fema.gov/nri/determining-risk**.

Calculating Expected Annual Loss

Expected Annual Loss values are calculated using an equation* that combines values for exposure, annualized frequency, and historic loss ratios for 18 hazard types:

$$\text{Expected Annual Loss} = \text{Exposure} \times \text{Annualized Frequency} \times \text{Historic Loss Ratio}$$

*Excluding Avalanche, Drought, Earthquake, and Tornado, EAL values for each hazard are calculated at the Census block level and summed together to determine Census tract and county-level hazard type EAL values.

Expected Annual Loss is presented as a composite value and score for all 18 hazard types, as well as individual values and scores for each hazard type.

For more information, visit **hazards.fema.gov/nri/expected-annual-loss**.

Calculating Social Vulnerability

Social Vulnerability is measured using the Social Vulnerability Index (SVI) published by the Centers for Disease Control and Prevention (CDC).

For more information, visit **hazards.fema.gov/nri/social-vulnerability**.

Calculating Community Resilience

Community Resilience is measured at the County level using the Baseline Resilience Indicators for Communities (HVRI BRIC) published by the University of South Carolina's Hazards and Vulnerability Research Institute (HVRI).

For more information, visit **hazards.fema.gov/nri/community-resilience**.

Values, Scores, and Ratings

The National Risk Index provides three different types of results for Risk and each component used to derive Risk: EAL, Social Vulnerability, and Community Resilience:

Values. Values for Risk and EAL are in units of dollars, representing the community's average economic loss from natural hazards each year. For Social Vulnerability and Community Resilience, values are the index values for the community provided by the source data sets.

Scores. Scores represent the national percentile ranking of the community's component value compared to all other communities at the same level (county or Census tract).

Ratings. Ratings refer to the qualitative terms that describe the relative risk of an area within the same geographic level. These rating categories range from "Very Low" to "Very High". Ratings for Social Vulnerability and Community Resilience are based on quintiles of those components' scores, while Risk and EAL ratings are based on more advanced statistical calculations on values . As a result, there is no fixed range of scores or values that correspond to the rating categories.

How to Take Action

There are many ways to reduce natural hazard risk through mitigation. Communities with high National Risk Index scores can take action to reduce risk by decreasing Expected Annual Loss due to natural hazards, decreasing Social Vulnerability, and increasing Community Resilience.

For information about how to take action and reduce your risk, visit **hazards.fema.gov/nri/take-action**.

Disclaimer

The National Risk Index (the Risk Index or the Index) and its associated data are meant for planning purposes only. This tool was created for broad nationwide comparisons and is not a substitute for localized risk assessment analysis. Nationwide datasets used as inputs for the National Risk Index are, in many cases, not as accurate as available local data. Users with access to local data for each National Risk Index risk factor should consider substituting the Risk Index data with local data to recalculate a more accurate risk index. If you decide to download the National Risk Index data and substitute it with local data, you assume responsibility for the accuracy of the data and any resulting data index. Please visit the **Contact Us** page if you would like to discuss this process further.

The methodology used by the National Risk Index has been reviewed by subject matter experts in the fields of natural hazard risk research, risk analysis, mitigation planning, and emergency management. The processing methods used to create the National Risk Index have produced results similar to those from other natural hazard risk analyses conducted on a smaller scale. The breadth and combination of geographic information systems (GIS) and data processing techniques leveraged by the National Risk Index enable it to incorporate multiple hazard types and risk factors, manage its nationwide scope, and capture what might have been missed using other methods.

The National Risk Index does not consider the intricate economic and physical interdependencies that exist across geographic regions. Keep in mind that hazard impacts in surrounding counties or Census tracts can cause indirect losses in your community regardless of your community's risk profile.

Nationwide data available for some risk factors are rudimentary at this time. The risk profiles for the vast majority of hazard types are based on historical frequency and loss data. They represent risk and expected annual loss based on average past conditions, not future predictions. The National Risk Index will be continuously updated as new data become available and improved methodologies are identified.

For comprehensive details about how the Risk Index can help you and its limitations, see the **National Risk Index Technical Documentation**

Assumption of Risk

In view of the identified limitations of the National Risk Index associated data, by using the data, you acknowledge and agree that FEMA makes no representations or warranties about the accuracy, completeness, or fitness for any particular purpose of the data; that the data is provided “as is” without warranty of any kind; that you assume full responsibility for any consequences that may arise, including financial losses, legal disputes, or other adverse outcomes; and that you release FEMA and the federal government from any liability that may arise to the extent allowable by law.

Attribution, No Endorsement

Please attribute your use of the National Risk Index and its associated data to the Federal Emergency Management Agency.

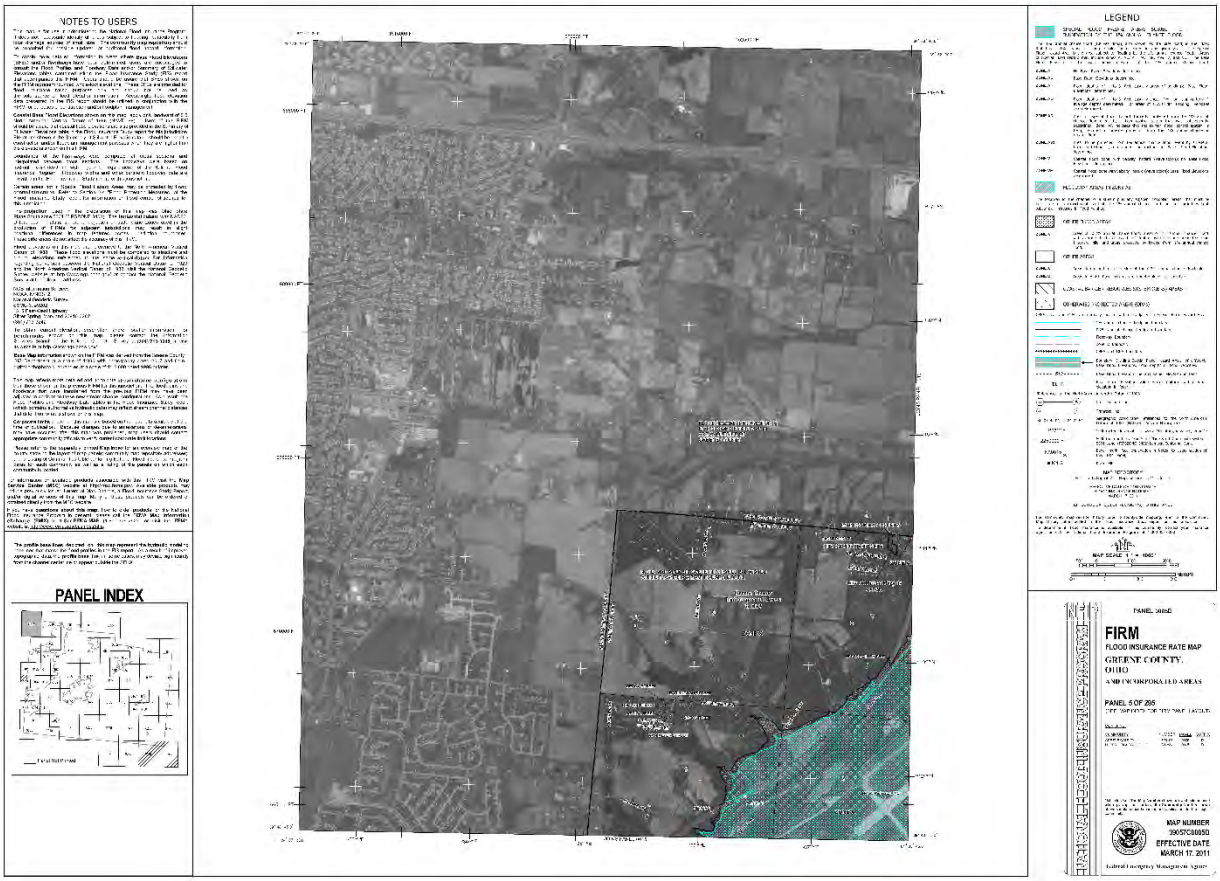
However, you acknowledge and agree that nothing herein constitutes and endorsement of you or your work by FEMA or the federal government, and you shall not imply through use of the National Risk Index or its associated data or through providing attribution, that FEMA or the federal government endorses you.

Preferred citation for the National Risk Index:

Zuzak, C., E. Goodenough, C. Stanton, M. Mowrer, A. Sheehan, B. Roberts, P. McGuire, and J. Rozelle. 2023. National Risk Index Technical Documentation. Federal Emergency Management Agency, Washington, DC.

The National Risk Index Contact Us page is available at **hazards.fema.gov/nri/contact-us**.

Appendix F: FEMA Flood Maps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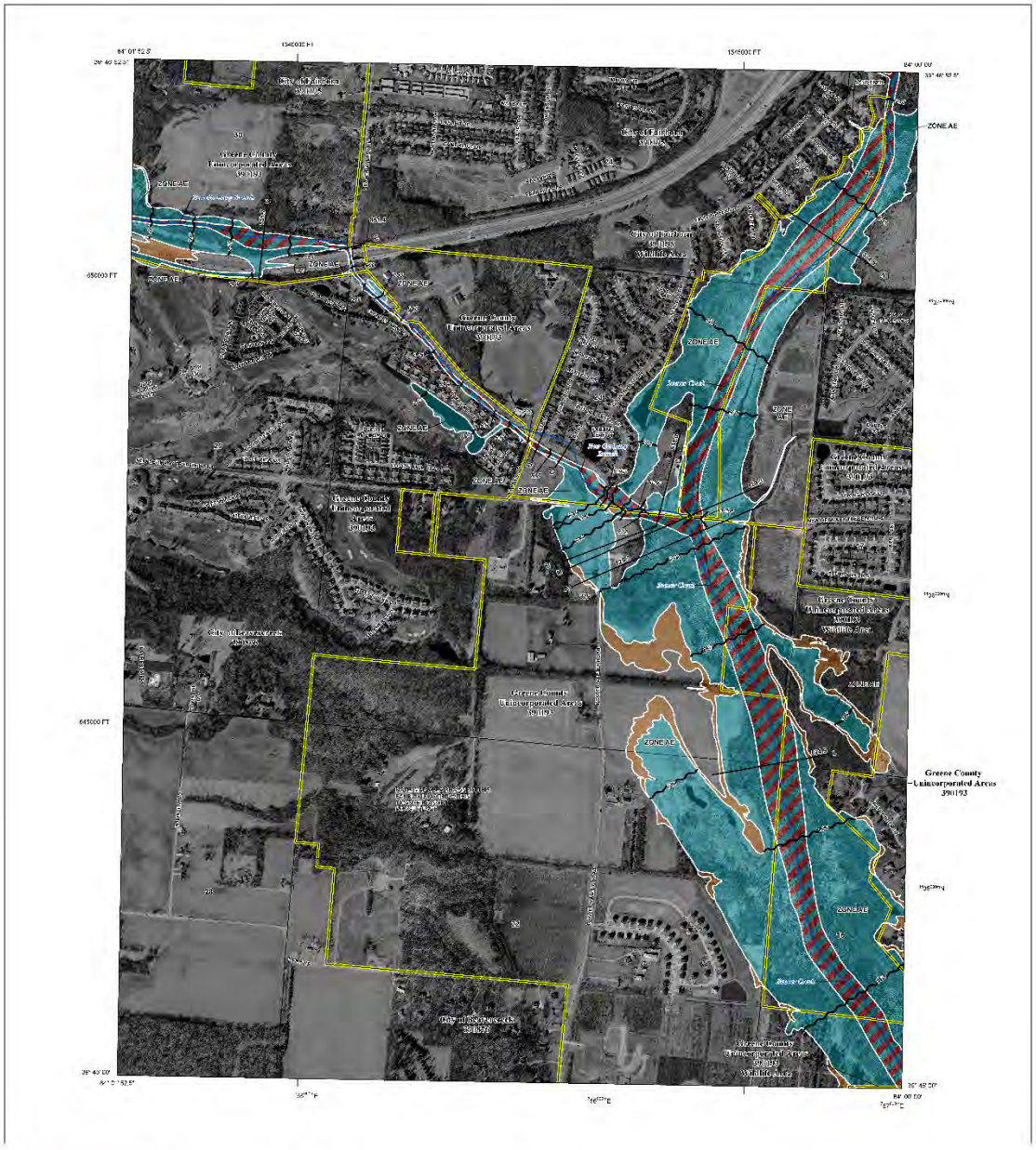
PANEL INDEX
LEGEND
FIRM
FLOOD INSURANCE RATE MAP
GREENE COUNTY, OHIO
AND INCORPORATED AREAS
PANEL 5 OF 255
MAP NUMBER
39057C0050
EFFECTIVE DATE
MARCH 17, 2011

NOTES TO USERS
PANEL INDEX
LEGEND
FIRM
FLOOD INSURANCE RATE MAP
GREENE COUNTY, OHIO
AND INCORPORATED AREAS
PANEL 10 OF 205
MAP NUMBER
39057C0010D
EFFECTIVE DATE
MARCH 17, 2011

NOTES TO USERS
PANEL INDEX
LEGEND
FIRM
FLOOD INSURANCE RATE MAP
GREENE COUNTY, OHIO
AND INCORPORATED AREAS
PANEL 15 OF 295
MAP NUMBER
39057C0015D
EFFECTIVE DATE
MARCH 17, 2011

ZONE AE
ZONE AE
ZONE AE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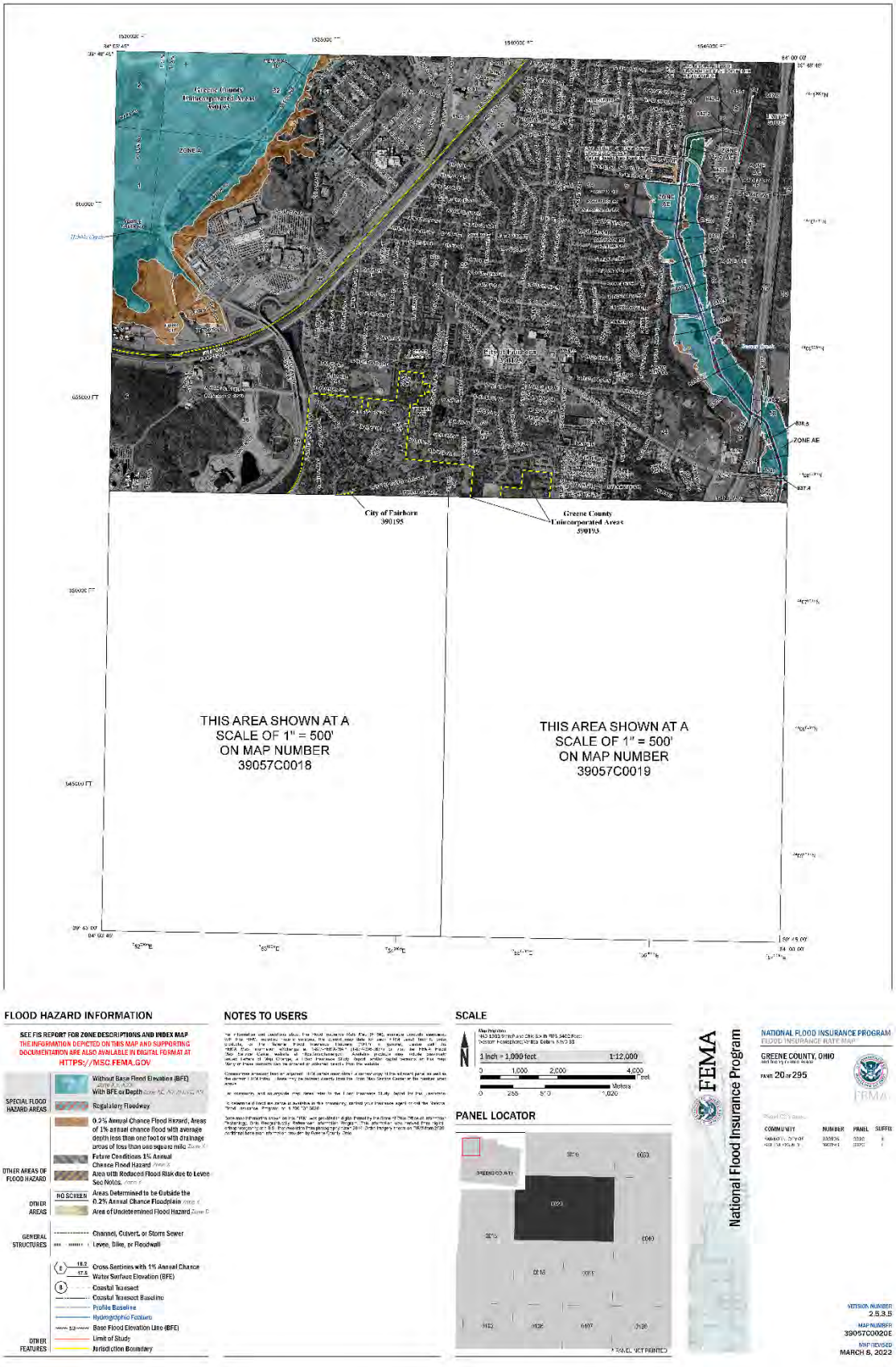
Greene County Unincorporated Areas 390193
City of Fairborn 390176
Greene County Unincorporated Areas 390193 Wildlife Area
Beaver Creek
Mad River
Bar Gallery Zone
Greene County Unincorporated Areas 390193 Wildlife Area
Greene County Unincorporated Areas 390193
City of Beavercreek 390179
Greene County Unincorporated Areas 390193 Wildlife Area
FLOOD HAZARD INFORMATION
SEE FIS REPORT FOR ZONE DESCRIPTIONS AND INDEX MAP
THE INFORMATION DEPICTED ON THIS MAP AND SUPPORTING DOCUMENTATION ARE ALSO AVAILABLE IN DIGITAL FORMAT AT
HTTPS://MSC.FEMA.GOV
SPECIAL FLOOD HAZARD AREAS
Without Base Flood Elevation (BFE)
With BFE or Depth
Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD
0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile
Future Conditions 1% Annual Chance Flood Hazard
Area with Reduced Flood Risk due to Levee
OTHER AREAS
Areas Determined to be Outside the 0.2% Annual Chance Floodplain
Area of Undetermined Flood Hazard
GENERAL STRUCTURES
Channel, Culvert, or Storm Sewer
Levee, Dike, or Floodwall
Cross Sections with 1% Annual Chance Water Surface Elevation (BFE)
Coastal Transect
Coastal Transect Baseline
Profile Baseline
Hydrographic Feature
Base Flood Elevation Line (BFE)
OTHER FEATURES
Limit of Study
Jurisdiction Boundary
NOTES TO USERS
SCALE
1 inch = 500 feet
1:6,000
Meters
PANEL LOCATOR
FEMA
National Flood Insurance Program
NATIONAL FLOOD INSURANCE PROGRAM
FLOOD INSURANCE RATE MAP
GREENE COUNTY, OHIO
PANEL 19 OF 295
COMMUNITY
NUMBER
PANEL
SUFFIX
VERSION NUMBER
2.5.3.5
MAP NUMBER
39057C0019E
MAP REVISED
MARCH 6, 2022


Greene County Unincorporated Areas 390193
ZONE A
ZONE AE
City of Fairborn 390195
Greene County Unincorporated Areas 390193
THIS AREA SHOWN AT A SCALE OF 1" = 500' ON MAP NUMBER 39057C0018
THIS AREA SHOWN AT A SCALE OF 1" = 500' ON MAP NUMBER 39057C0019
FLOOD HAZARD INFORMATION
SEE FIS REPORT FOR ZONE DESCRIPTIONS AND INDEX MAP
THE INFORMATION DEPICTED ON THIS MAP AND SUPPORTING DOCUMENTATION ARE ALSO AVAILABLE IN DIGITAL FORMAT AT HTTPS://MSC.FEMA.GOV
SPECIAL FLOOD HAZARD AREAS
Without Base Flood Elevation (BFE)
With BFE or Depth
Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD
0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile
Future Conditions 1% Annual Chance Flood Hazard
Area with Reduced Flood Risk due to Levee
OTHER AREAS
NO SCREEN
Areas Determined to be Outside the 0.2% Annual Chance Floodplain
Area of Undetermined Flood Hazard
GENERAL STRUCTURES
Channel, Culvert, or Storm Sewer
Levee, Dike, or Floodwall
OTHER FEATURES
Cross Sections with 1% Annual Chance Water Surface Elevation (BFE)
Coastal Transect
Coastal Transect Baseline
Profile Baseline
Hydrographic Feature
Base Flood Elevation Line (BFE)
Limit of Study
Jurisdiction Boundary
NOTES TO USERS
SCALE
1 Inch = 1,000 feet
1:12,000
PANEL LOCATOR
FEMA
National Flood Insurance Program
NATIONAL FLOOD INSURANCE PROGRAM
FLOOD INSURANCE RATE MAP
GREENE COUNTY, OHIO
PANEL 20 OF 295
COMMUNITY
NUMBER
PANEL
SUFFIX
VERSION NUMBER
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MAP NUMBER
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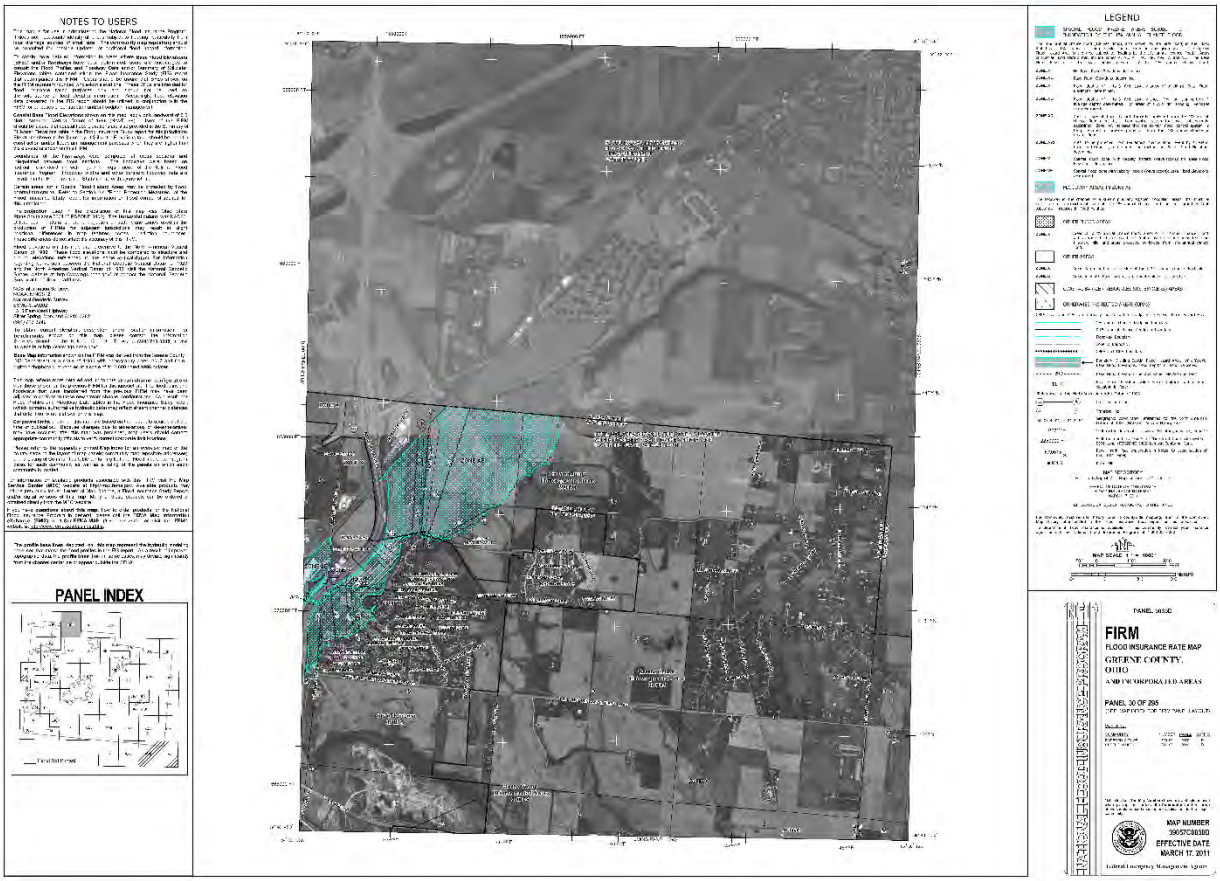
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AND INCORPORATED AREAS
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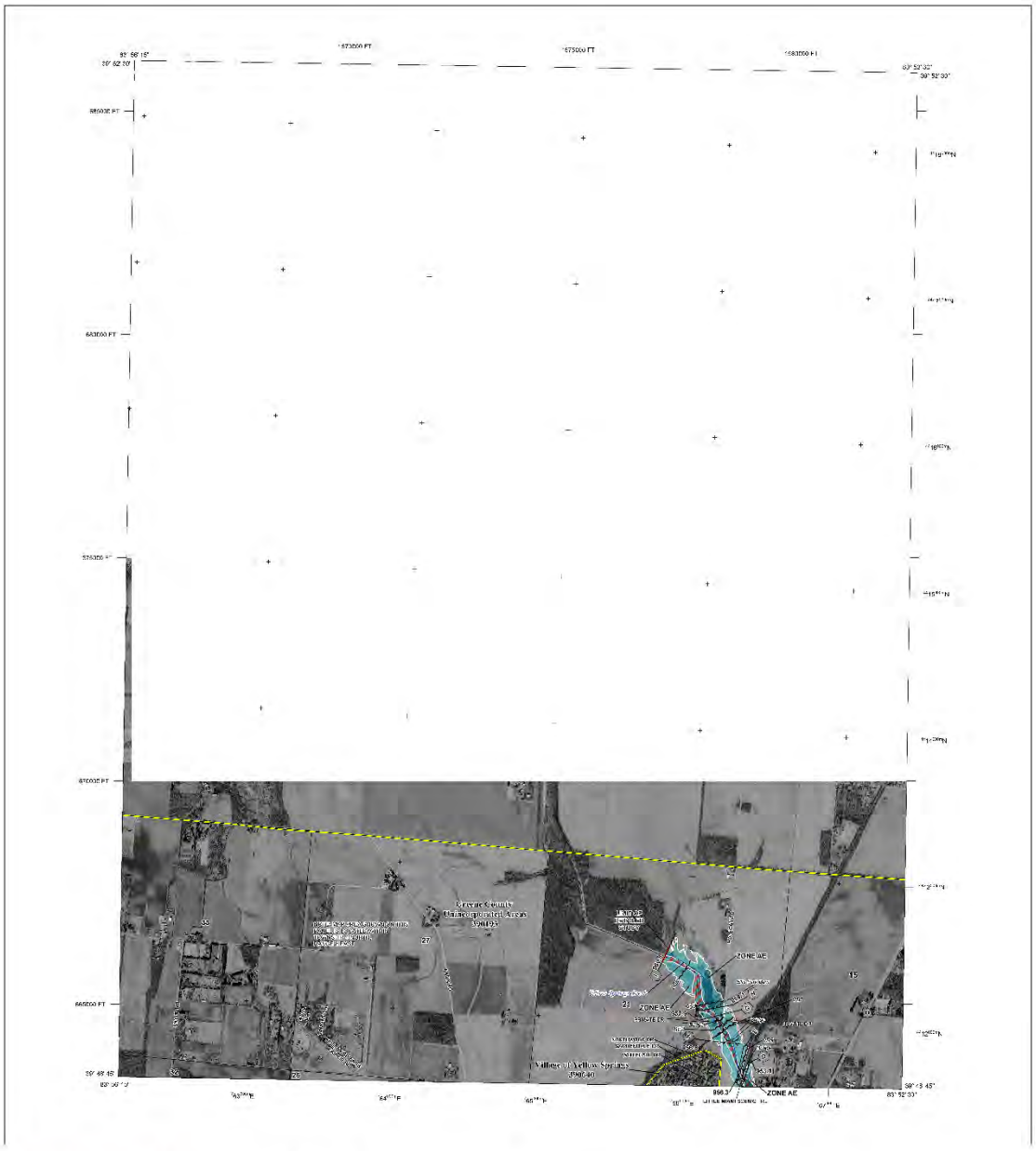
MAP NUMBER
39057C0030D
EFFECTIVE DATE
MARCH 17, 2011


ZONE AE
ZONE AE
ZONE AE
Village of Yellow Springs
FLOOD HAZARD INFORMATION
SEE FIS REPORT FOR ZONE DESCRIPTIONS AND INDEX MAP
THE INFORMATION DEPICTED ON THIS MAP AND SUPPORTING DOCUMENTATION ARE ALSO AVAILABLE IN DIGITAL FORMAT AT
HTTPS://MSC.FEMA.GOV
SPECIAL FLOOD HAZARD AREAS
Without Base Flood Elevation (BFE)
With BFE or Depth
Regulatory Floodway
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0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile
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Areas Determined to be Outside the 0.2% Annual Chance Floodplain
Area of Undetermined Flood Hazard
GENERAL STRUCTURES
Channel, Culvert, or Storm Sewer
Levee, Dike, or Floodwall
OTHER FEATURES
Cross Sections with 1% Annual Chance
Water Surface Elevation (BFE)
Coastal Transect
Coastal Transect Baseline
Profile Baseline
Hydrographic Feature
Base Flood Elevation Line (BFE)
Limit of Study
Jurisdiction Boundary
NOTES TO USERS
SCALE
1 Inch = 1,000 feet
1:12,000
PANEL LOCATOR
PANEL NOT PRINTED
FEMA
National Flood Insurance Program
NATIONAL FLOOD INSURANCE PROGRAM
FLOOD INSURANCE RATE MAP
GREENE COUNTY, OHIO
PANEL 35 OF 295
COMMUNITY
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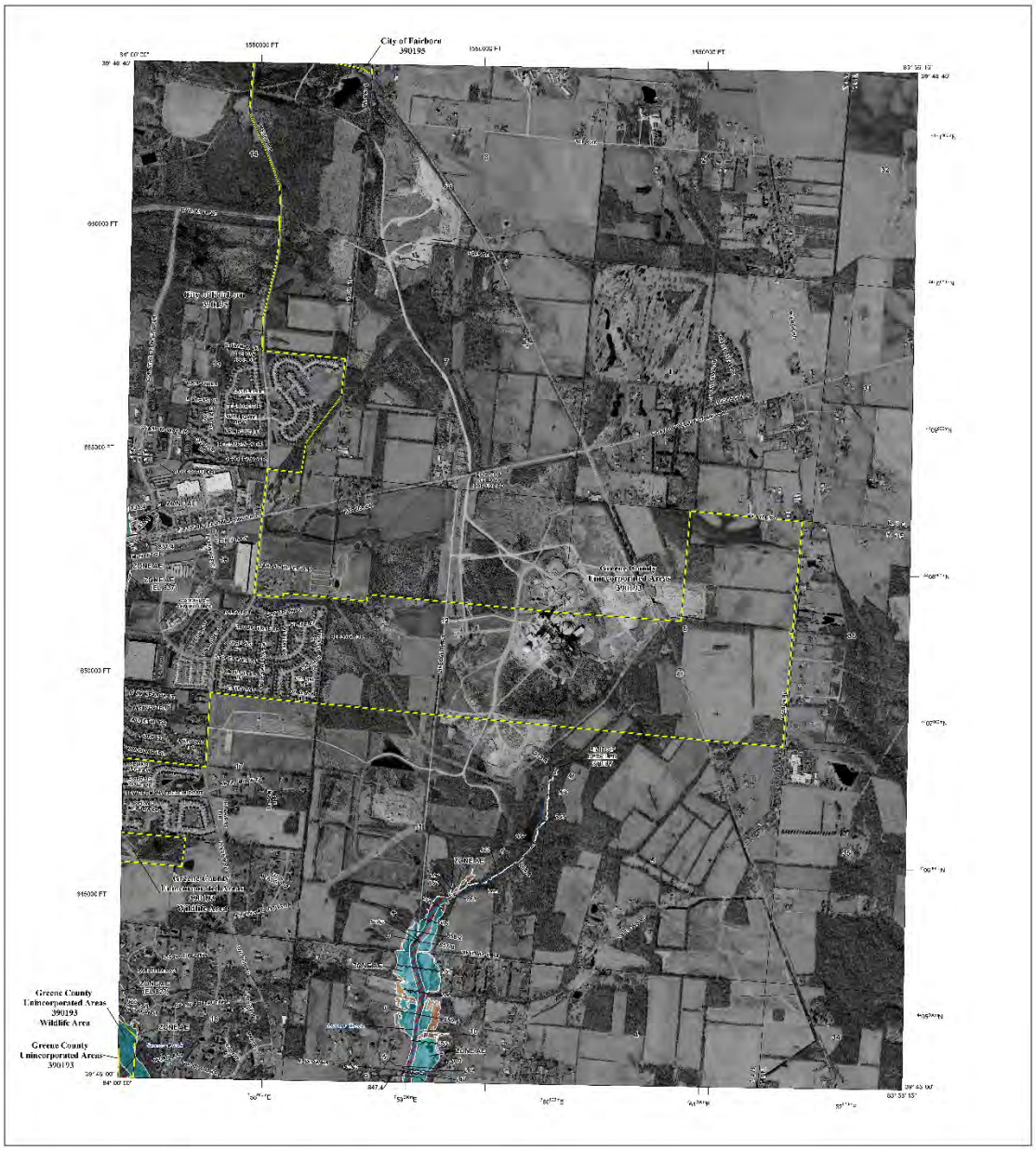
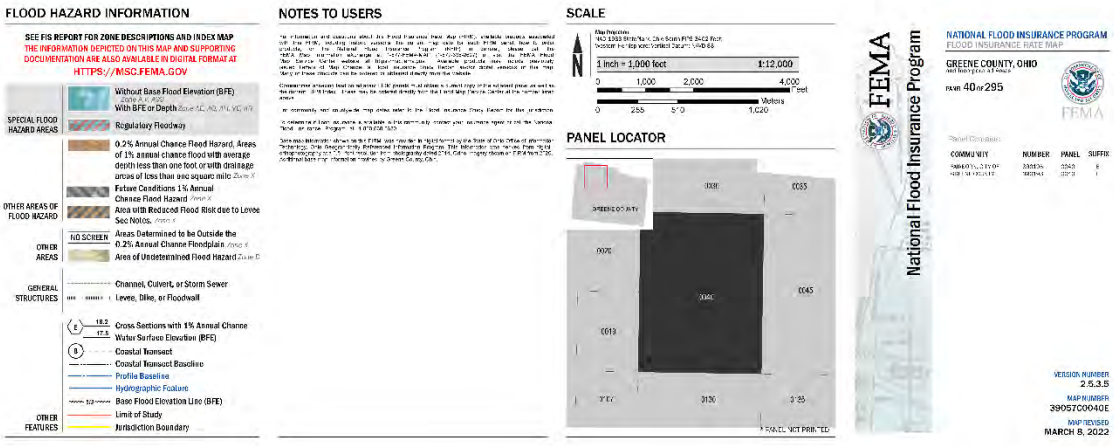
PANEL
SUFFIX
VERSION NUMBER
2.5.3.5
MAP NUMBER
39057C0035E
MAP REVISED
MARCH 5, 2022


City of Fairborn
390198
Greene County
Unincorporated Areas
390193
Wildlife Area
Greene County
Unincorporated Areas
390193
Greene County
Unincorporated Areas
390193


FLOOD HAZARD INFORMATION
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THE INFORMATION DEPICTED ON THIS MAP AND SUPPORTING DOCUMENTATION ARE ALSO AVAILABLE IN DIGITAL FORMAT AT
HTTPS://MSC.FEMA.GOV
SPECIAL FLOOD HAZARD AREAS
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GENERAL STRUCTURES
Channel, Culvert, or Storm Sewer
Levee, Dike, or Floodwall
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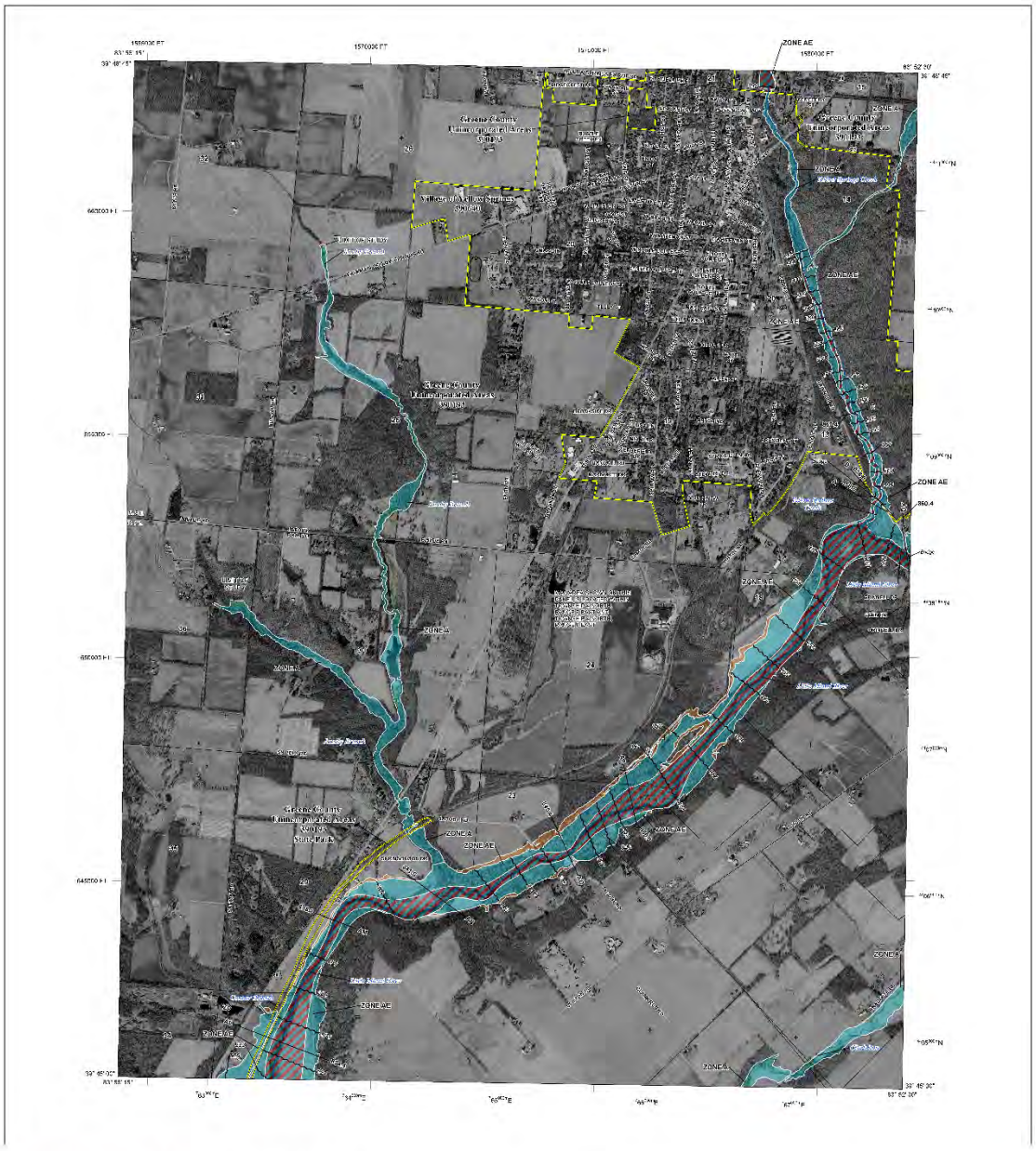
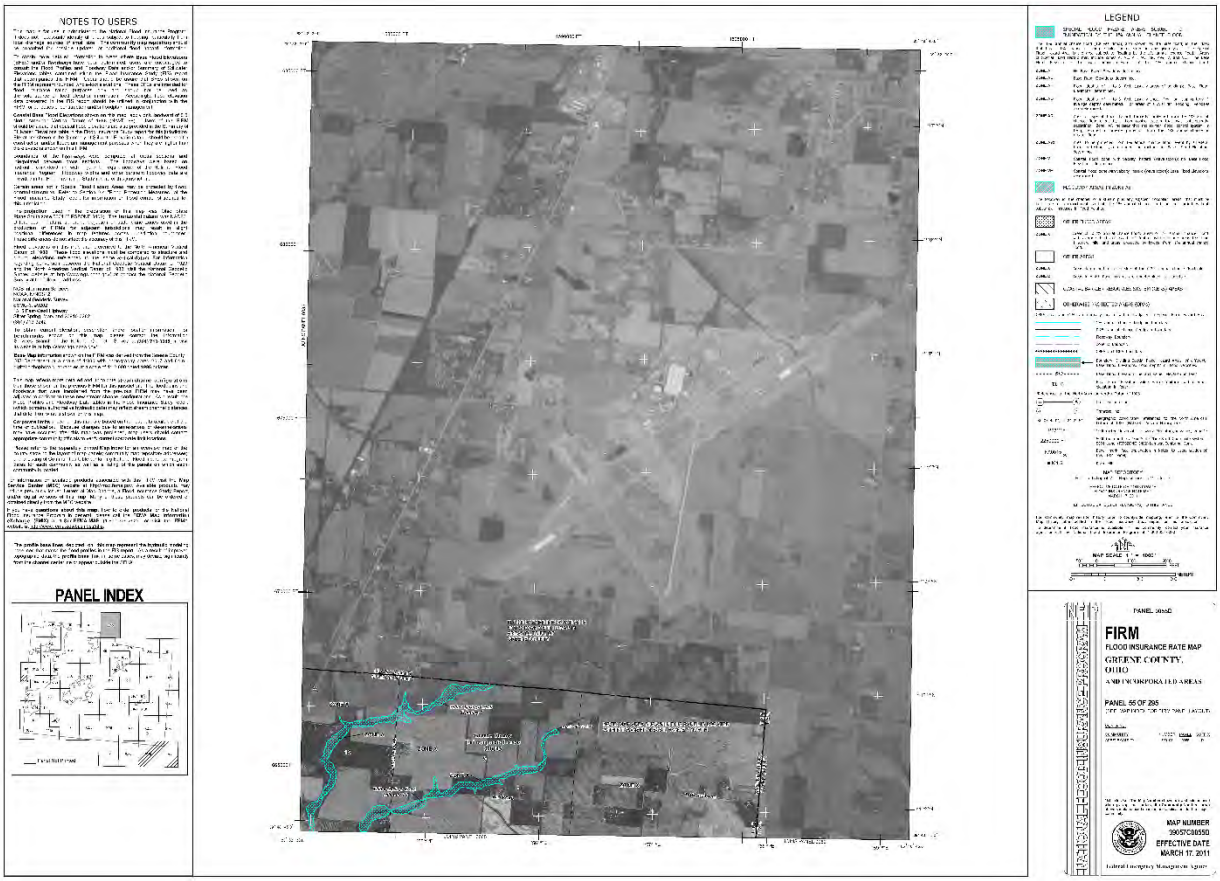
Coastal Transect
Coastal Transect Baseline
Profile Baseline
Hydrographic Feature
Base Flood Elevation Line (BFE)
OTHER FEATURES
Limit of Study
Jurisdiction Boundary
NOTES TO USERS
SCALE
1 inch = 1,000 feet
1:12,000
PANEL LOCATOR
FEMA
National Flood Insurance Program
NATIONAL FLOOD INSURANCE PROGRAM
FLOOD INSURANCE RATE MAP
GREENE COUNTY, OHIO
PANEL 40 OF 295
COMMUNITY
NUMBER
PANEL
SUFFIX
VERSION NUMBER
2.5.3.5
MAP NUMBER
39057C0040E
MAP REVISED
MARCH 8, 2022


ZONE AE
ZONE A
Greene County Memorial Park Aurora Cabins
Village of Yellow Springs
Greene County Memorial Park Aurora Cabins
Greene County Memorial Park Aurora Cabins
Glen Helen Nature Preserve
Greene County Memorial Park Aurora Cabins
State Park
Yellow Springs Creek
Miami Erie Canal
Miami Erie Canal
Miami Erie Canal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LEGEND
FIRM
FLOOD INSURANCE RATE MAP
GREENE COUNTY, OHIO
AND INCORPORATED AREAS
PANEL 55 OF 295
MAP NUMBER
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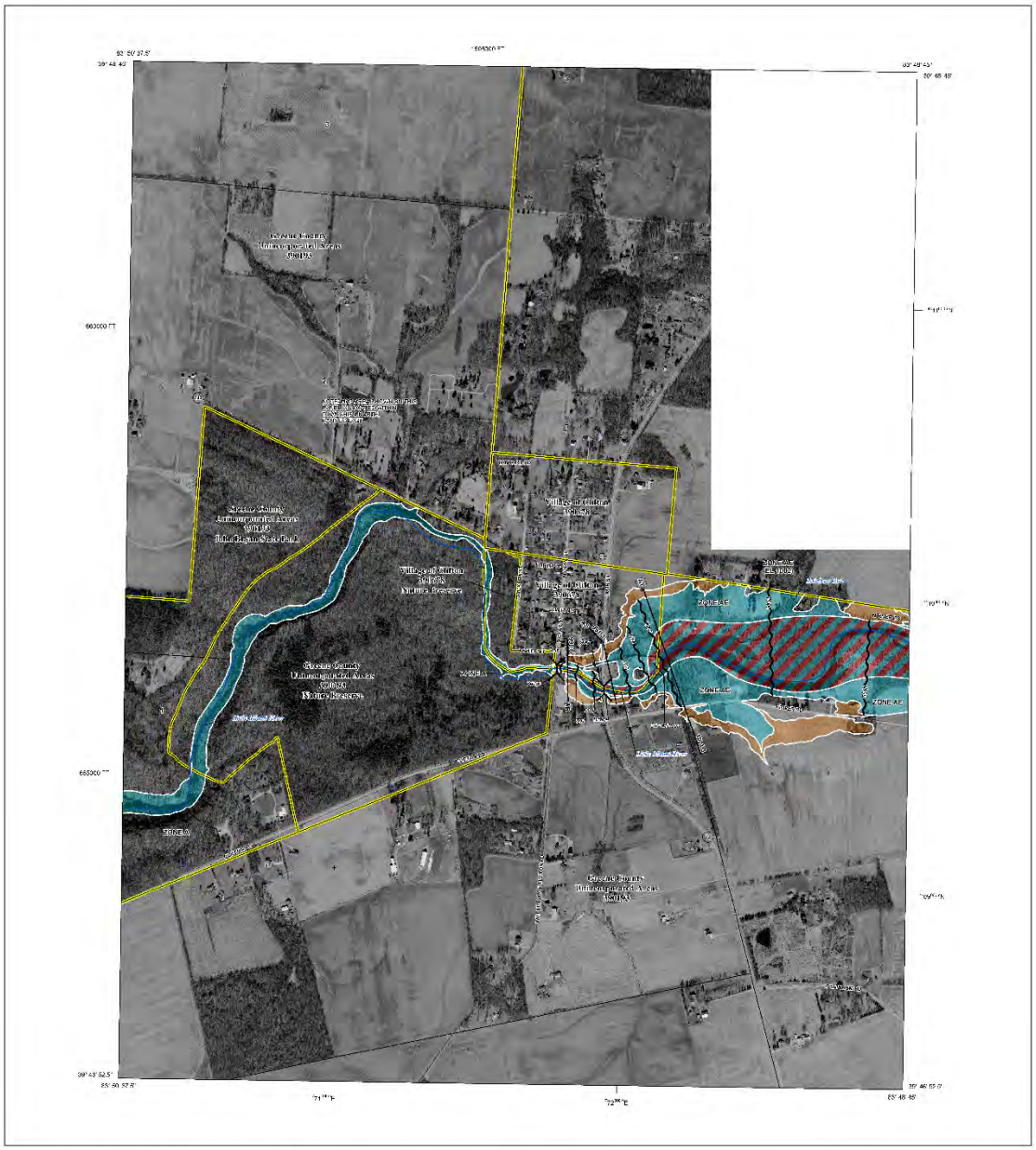
EFFECTIVE DATE
MARCH 17, 2011



FLOOD HAZARD INFORMATION

SEE FIS REPORT FOR ZONE DESCRIPTIONS AND INDEX MAP
THE INFORMATION DEPICTED ON THIS MAP AND SUPPORTING DOCUMENTATION ARE ALSO AVAILABLE IN DIGITAL FORMAT AT
HTTPS://MSC.FEMA.GOV

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) Zone A, A99
- With BFE or Depth Zone AE, AO, AH, VE, AR
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
- Future Conditions 1% Annual Chance Flood Hazard Zone X
- Area with Reduced Flood Risk due to Levee See Notes. Zone X

OTHER AREAS
- NO SCREEN Areas Determined to be Outside the 0.2% Annual Chance Floodplain Zone X
- Area of Undetermined Flood Hazard Zone D

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 17.5 / 18.2 Cross Sections with 1% Annual Chance Water Surface Elevation (BFE)
- Coastal Transect
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary

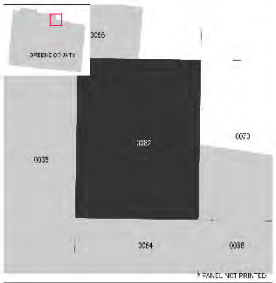
NOTES TO USERS

SCALE

N

1 inch = 500 feet 1:6,000
0 500 1,000 2,000 Feet
0 125 250 500 Meters

PANEL LOCATOR



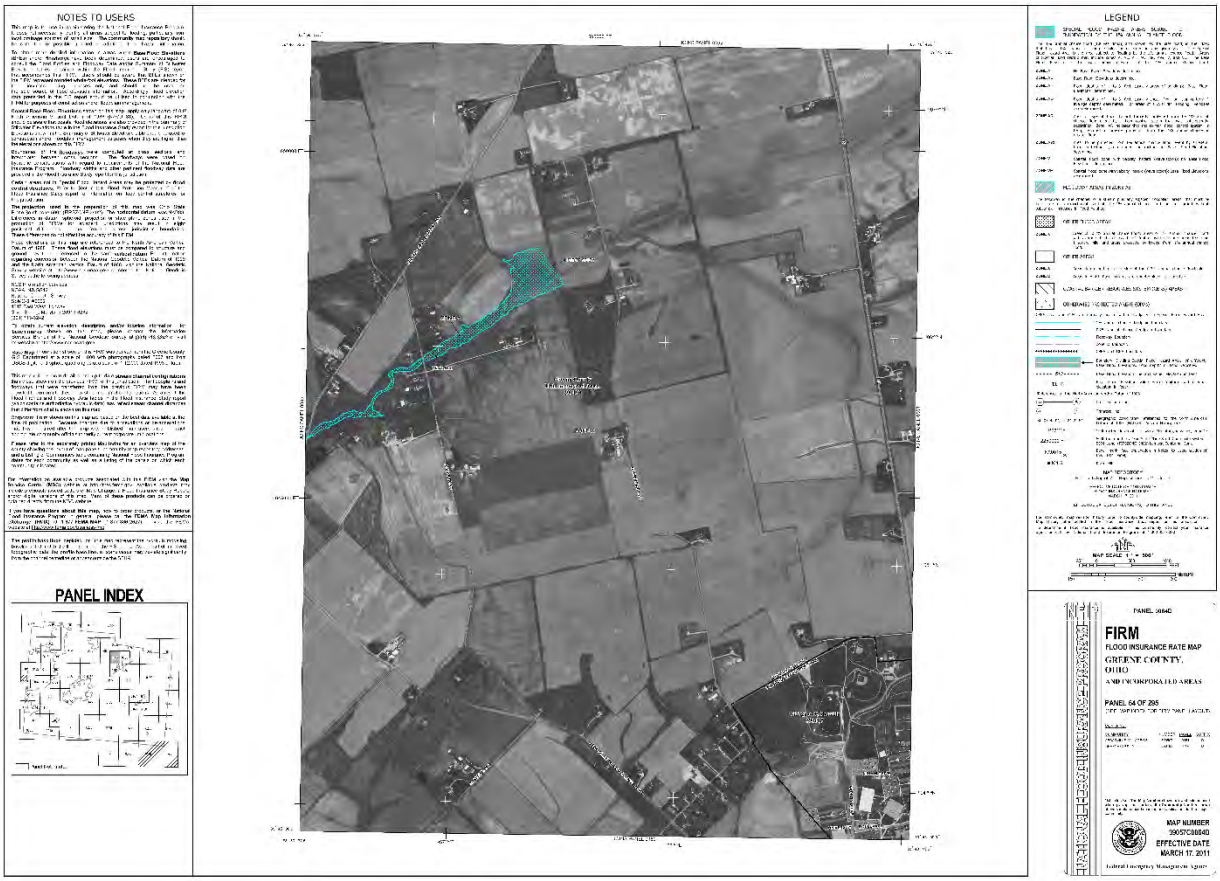
PANEL NOT PRINTED

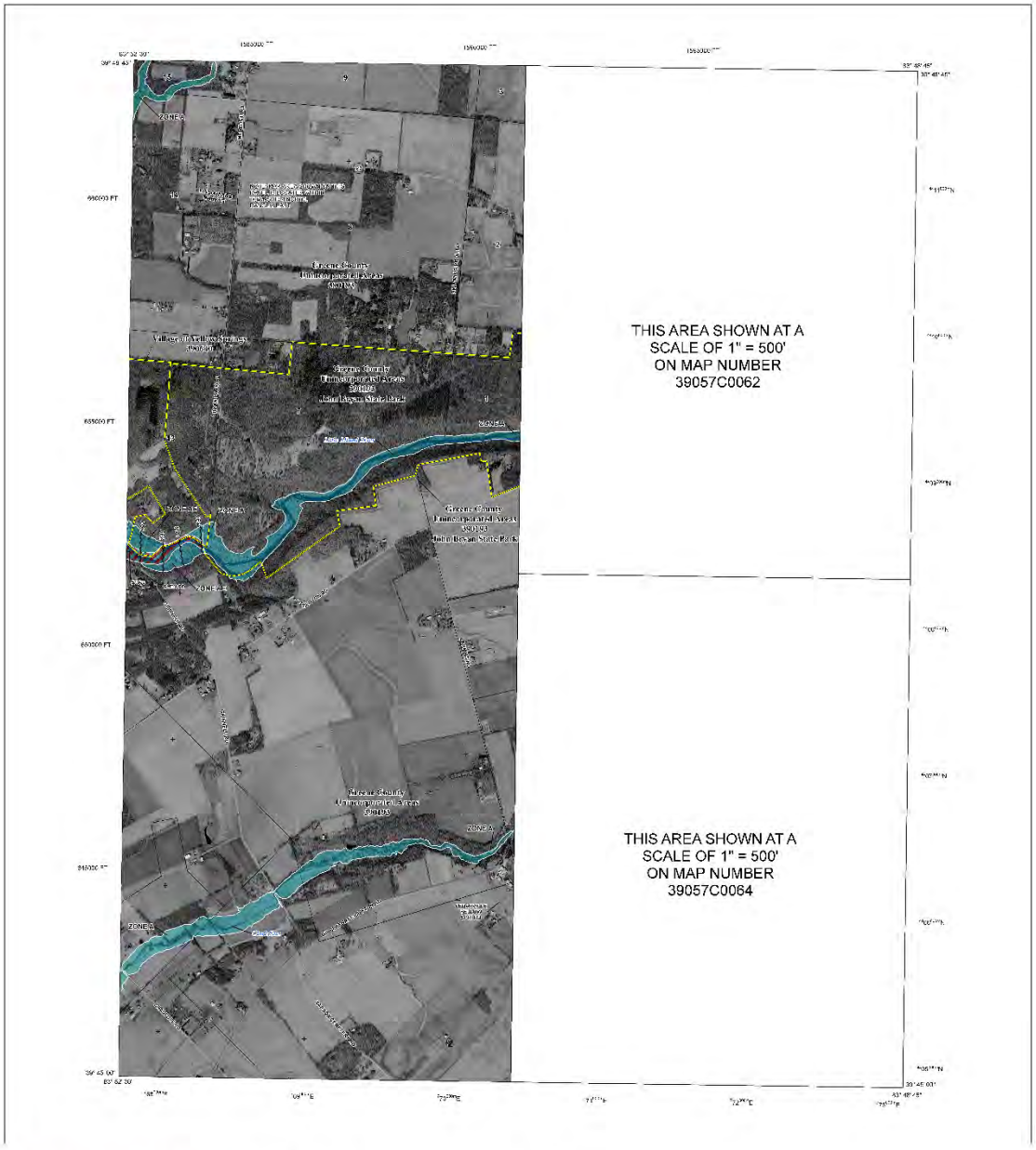
FEMA
National Flood Insurance Program

NATIONAL FLOOD INSURANCE PROGRAM
FLOOD INSURANCE RATE MAP
GREENE COUNTY, OHIO
PANEL 62 OF 295

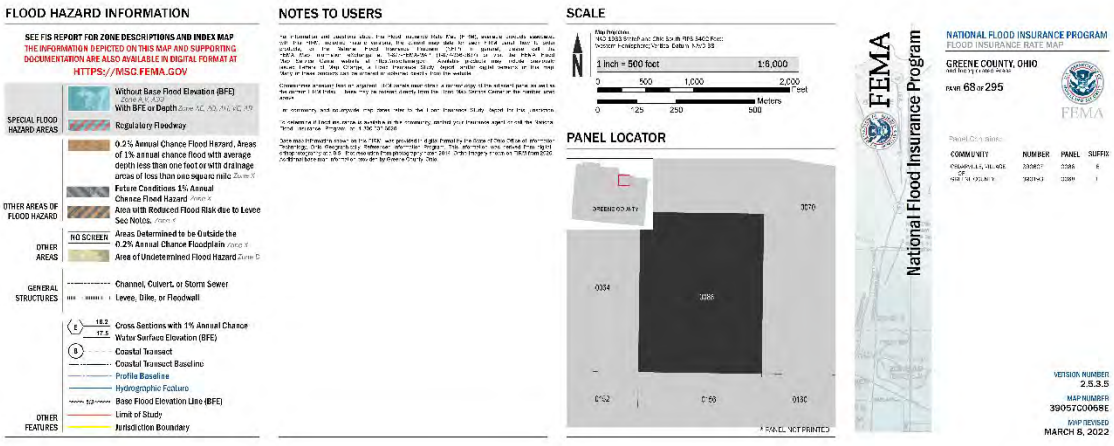
COMMUNITY	NUMBER	PANEL	SUFFIX
CLIFTON, VILLAGE OF	390676	0062	E
MILTON, VILLAGE OF	390677	0062	E

VERSION NUMBER
2.5.3.5
MAP NUMBER
39057C0062E
MAP REVISED
MARCH 8, 2022


NOTES TO USERS
PANEL INDEX
LEGEND
FIRM
FLOOD INSURANCE RATE MAP
GREENE COUNTY, OHIO
AND INCORPORATED AREAS
PANEL 64 OF 295
MAP NUMBER
39057C0064D
EFFECTIVE DATE
MARCH 17, 2011


THIS AREA SHOWN AT A
SCALE OF 1" = 500'
ON MAP NUMBER
39057C0062
THIS AREA SHOWN AT A
SCALE OF 1" = 500'
ON MAP NUMBER
39057C0064
ZONE A
Greene County Unincorporated Areas
39057C0062
39057C0064
John Bryan State Park
Little Miami River
Massie Creek
Clifton Gorge State Nature Preserve
Village of Yellow Springs
FLOOD HAZARD INFORMATION
SEE FIS REPORT FOR ZONE DESCRIPTIONS AND INDEX MAP
THE INFORMATION DEPICTED ON THIS MAP AND SUPPORTING DOCUMENTATION ARE ALSO AVAILABLE IN DIGITAL FORMAT AT
HTTPS://MSC.FEMA.GOV
SPECIAL FLOOD HAZARD AREAS
Without Base Flood Elevation (BFE)
With BFE or Depth
Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD
0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile
Future Conditions 1% Annual Chance Flood Hazard
Area with Reduced Flood Risk due to Levee
OTHER AREAS
NO SCREEN
Areas Determined to be Outside the 0.2% Annual Chance Floodplain
Area of Undetermined Flood Hazard
GENERAL STRUCTURES
Channel, Culvert, or Storm Sewer
Levee, Dike, or Floodwall
OTHER FEATURES
Cross Sections with 1% Annual Chance Water Surface Elevation (BFE)
Coastal Transect
Coastal Transect Baseline
Profile Baseline
Hydrographic Feature
Base Flood Elevation Line (BFE)
Limit of Study
Jurisdiction Boundary
NOTES TO USERS
SCALE
1 Inch = 1,000 feet
1:12,000
PANEL LOCATOR
PANEL NOT PRINTED
FEMA
National Flood Insurance Program
NATIONAL FLOOD INSURANCE PROGRAM
FLOOD INSURANCE RATE MAP
GREENE COUNTY, OHIO
PANEL 65 OF 295
COMMUNITY
NUMBER
PANEL
SUFFIX
VERSION NUMBER
2.5.3.5
MAP NUMBER
39057C0065E
MAP REVISED
MARCH 5, 2022

1600000 FT
1605000 FT
650000 FT
645000 FT
ZONE A
ZONE AE
ZONE X
Village of Yellow Springs
Greene County Unincorporated Area
Village of Fairborn


FLOOD HAZARD INFORMATION
SEE FIS REPORT FOR ZONE DESCRIPTIONS AND INDEX MAP
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HTTPS://MSC.FEMA.GOV
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Without Base Flood Elevation (BFE)
With BFE or Depth
Regulatory Floodway
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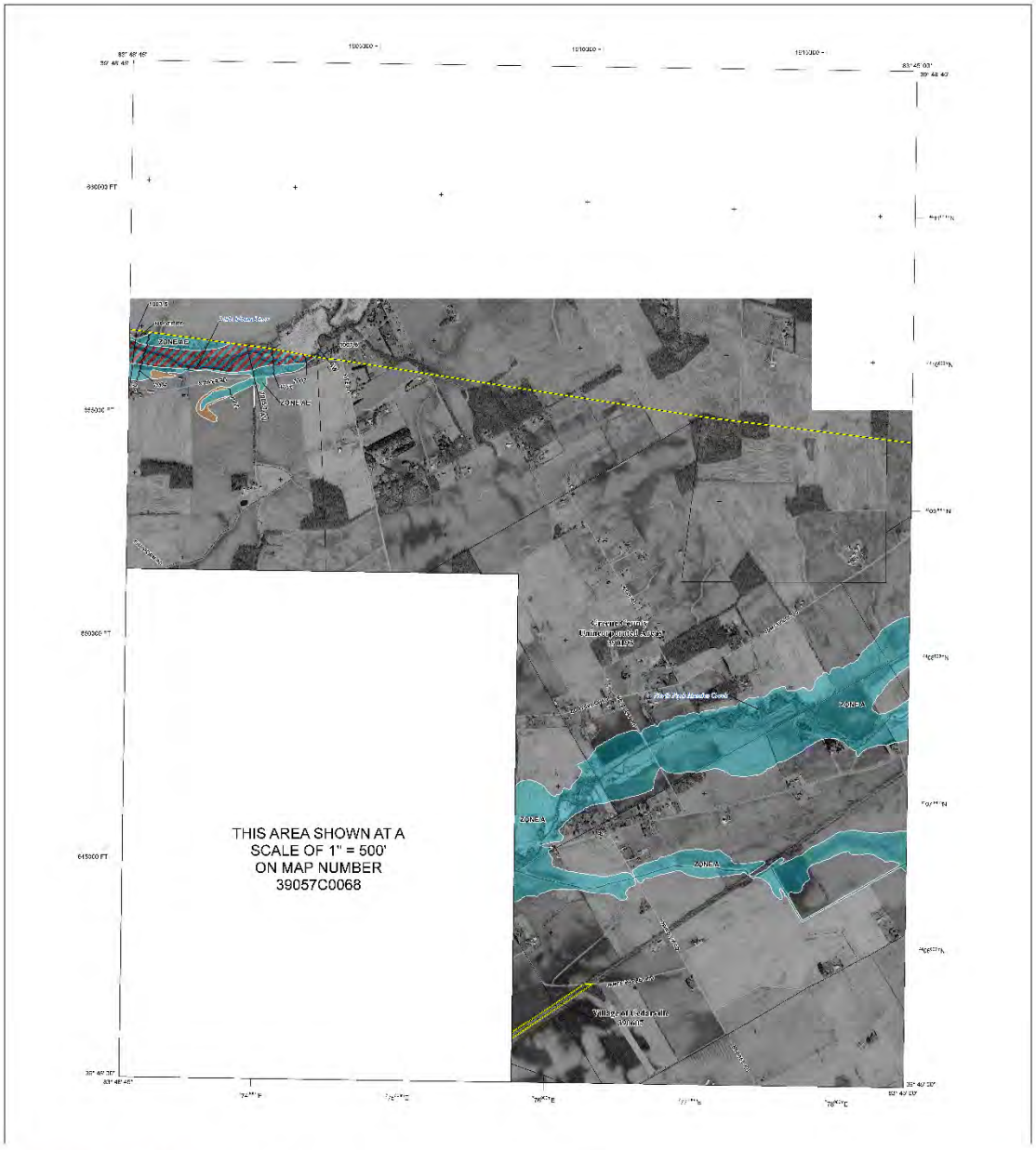
Area of Undetermined Flood Hazard
GENERAL STRUCTURES
Channel, Culvert, or Storm Sewer
Levee, Dike, or Floodwall
OTHER FEATURES
Cross Sections with 1% Annual Chance Water Surface Elevation (BFE)
Coastal Transect
Coastal Transect Baseline
Profile Baseline
Hydrographic Feature
Base Flood Elevation Line (BFE)
Limit of Study
Jurisdiction Boundary
NOTES TO USERS
SCALE
1 inch = 500 feet
1:6,000
Meters
PANEL LOCATOR
FEMA
National Flood Insurance Program
NATIONAL FLOOD INSURANCE PROGRAM
FLOOD INSURANCE RATE MAP
GREENE COUNTY, OHIO
PANEL 68 OF 295
COMMUNITY
NUMBER
PANEL
SUFFIX
VERSION NUMBER
2.5.3.5
MAP NUMBER
39057C0068E
MAP REVISED
MARCH 8, 2022



FLOOD HAZARD INFORMATION

SEE FIS REPORT FOR ZONE DESCRIPTIONS AND INDEX MAP
THE INFORMATION DEPICTED ON THIS MAP AND SUPPORTING DOCUMENTATION ARE ALSO AVAILABLE IN DIGITAL FORMAT AT
HTTPS://MSC.FEMA.GOV

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) Zone A, A99
- With BFE or Depth Zone AE, AO, AH, VE, AR
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
- Future Conditions 1% Annual Chance Flood Hazard Zone X
- Area with Reduced Flood Risk due to Levee See Notes. Zone X

OTHER AREAS
- NO SCREEN Areas Determined to be Outside the 0.2% Annual Chance Floodplain Zone X
- Area of Undetermined Flood Hazard Zone D

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 18.2 / 17.5 Cross Sections with 1% Annual Chance Water Surface Elevation (BFE)
- Coastal Transect
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary

NOTES TO USERS

SCALE

1 inch = 1,000 feet 1:12,000
0 1,000 2,000 4,000 Feet
0 255 510 1,020 Meters

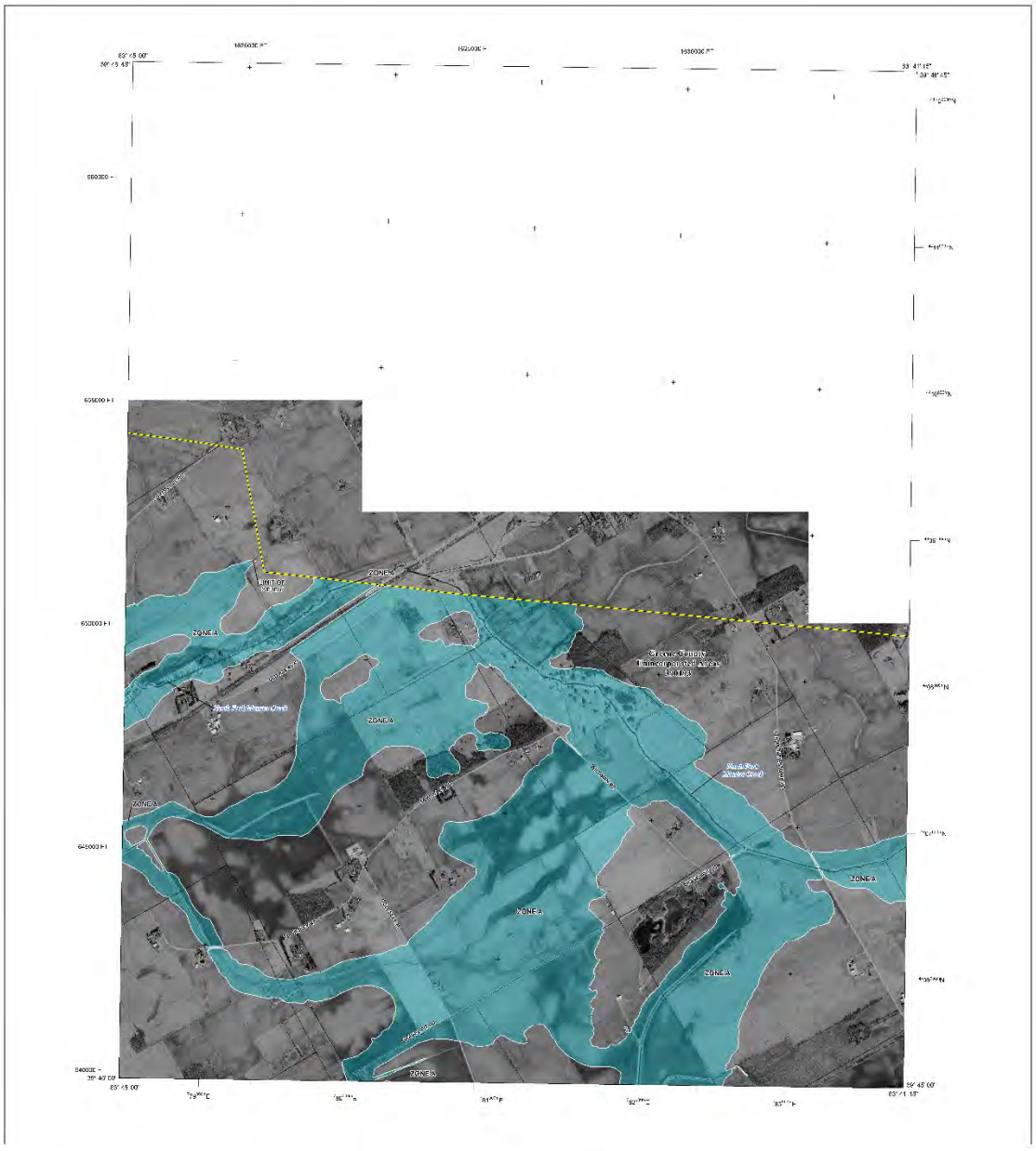
PANEL LOCATOR

FEMA
National Flood Insurance Program

NATIONAL FLOOD INSURANCE PROGRAM
FLOOD INSURANCE RATE MAP
GREENE COUNTY, OHIO
PANEL 70 OF 295

COMMUNITY	NUMBER	PANEL	SUFFIX
CEDARVILLE, VILLAGE OF	390067	0070	E
GREENE COUNTY, UNINCORPORATED AREAS	390067	0070	E

VERSION NUMBER
2.5.3.5
MAP NUMBER
39057C0070E
MAP REVISED
MARCH 8, 2022



FLOOD HAZARD INFORMATION

SEE FIS REPORT FOR ZONE DESCRIPTIONS AND INDEX MAP
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SPECIAL FLOOD HAZARD AREAS
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- With BFE or Depth Zone AE, AO, AH, VE, AR
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
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- Future Conditions 1% Annual Chance Flood Hazard Zone X
- Area with Reduced Flood Risk due to Levee See Notes. Zone X

OTHER AREAS
- NO SCREEN Areas Determined to be Outside the 0.2% Annual Chance Floodplain Zone X
- Area of Undetermined Flood Hazard Zone D

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 17.5 / 18.2 Cross Sections with 1% Annual Chance Water Surface Elevation (BFE)
- Coastal Transect
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary

NOTES TO USERS

SCALE

1 inch = 1,000 feet 1:12,000
0 1,000 2,000 4,000 Feet
0 255 510 1,020 Meters

PANEL LOCATOR

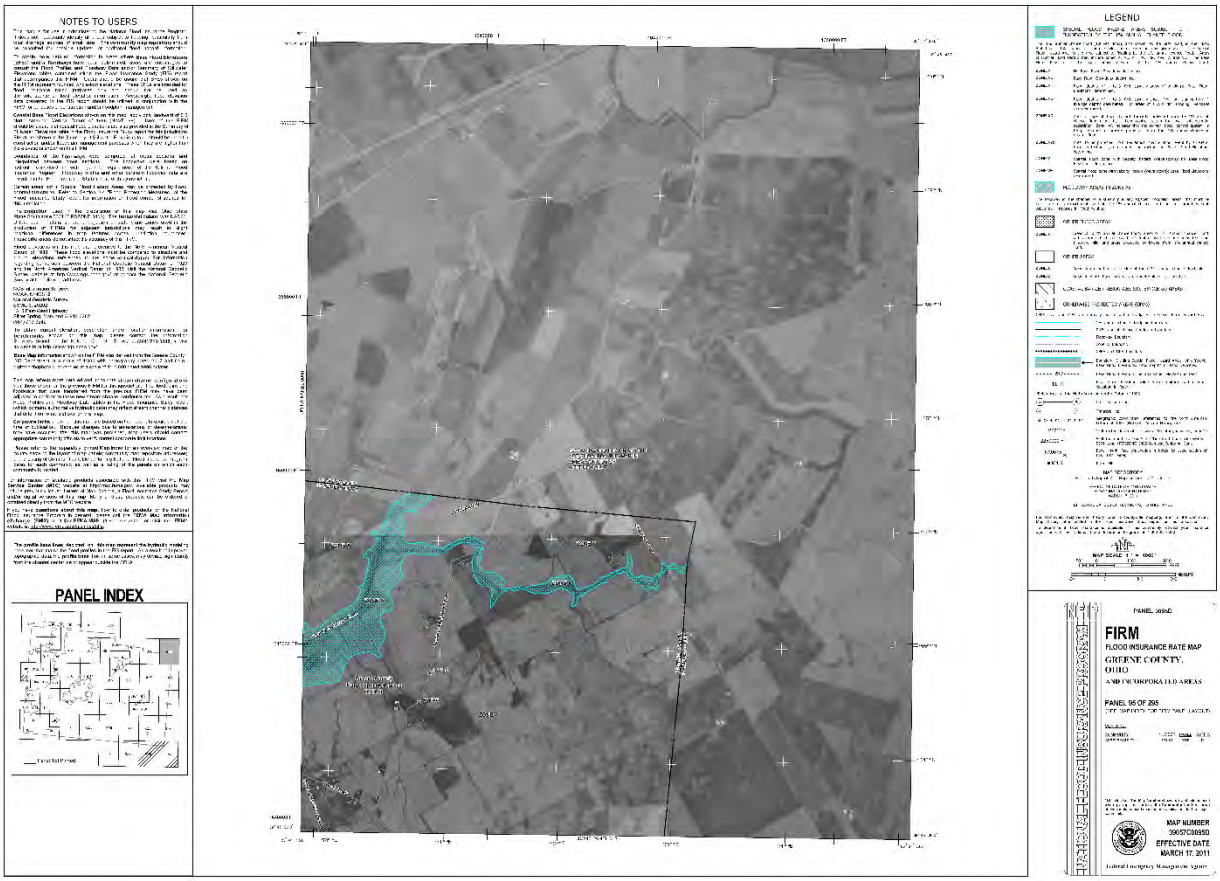
> PANEL NOT PRINTED

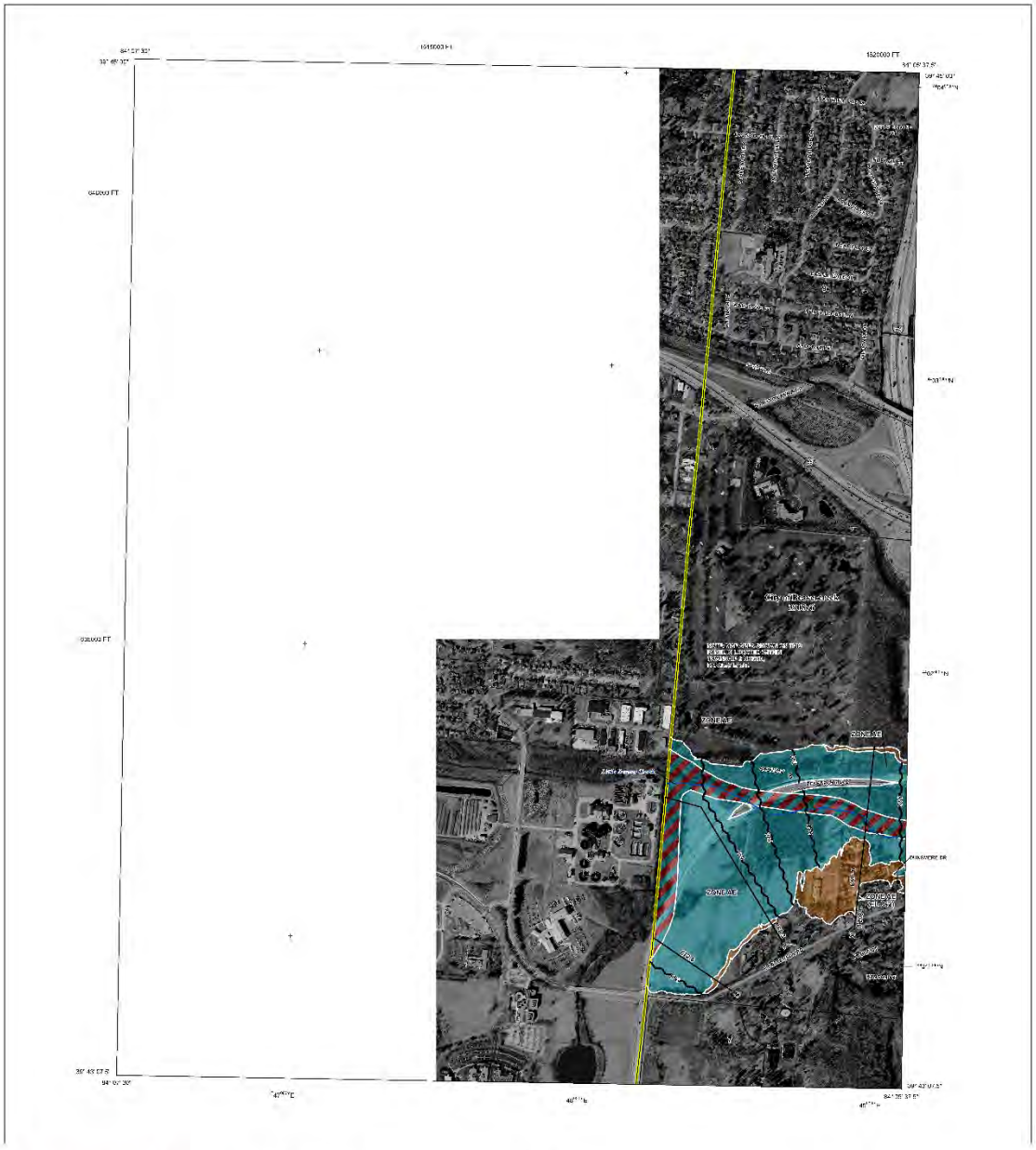
National Flood Insurance Program

NATIONAL FLOOD INSURANCE PROGRAM
FLOOD INSURANCE RATE MAP
GREENE COUNTY, OHIO
PANEL 90 OF 295

COMMUNITY	NUMBER	PANEL	SUFFIX
GREENE COUNTY	390570	0090	E

VERSION NUMBER 2.5.3.5
MAP NUMBER 39057C0090E
MAP REVISED MARCH 5, 2022


NOTES TO USERS
PANEL INDEX
LEGEND
FIRM
FLOOD INSURANCE RATE MAP
GREENE COUNTY, OHIO
AND INCORPORATED AREAS
PANEL 95 OF 295
MAP NUMBER
39057C0095D
EFFECTIVE DATE
MARCH 17, 2011


ZONE AE
ZONE AE
ZONE AE
ZONE X (SHADED)
FLOOD HAZARD INFORMATION
SEE FIS REPORT FOR ZONE DESCRIPTIONS AND INDEX MAP
THE INFORMATION DEPICTED ON THIS MAP AND SUPPORTING DOCUMENTATION ARE ALSO AVAILABLE IN DIGITAL FORMAT AT
HTTPS://MSC.FEMA.GOV
SPECIAL FLOOD HAZARD AREAS
Without Base Flood Elevation (BFE)
With BFE or Depth
Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD
0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile
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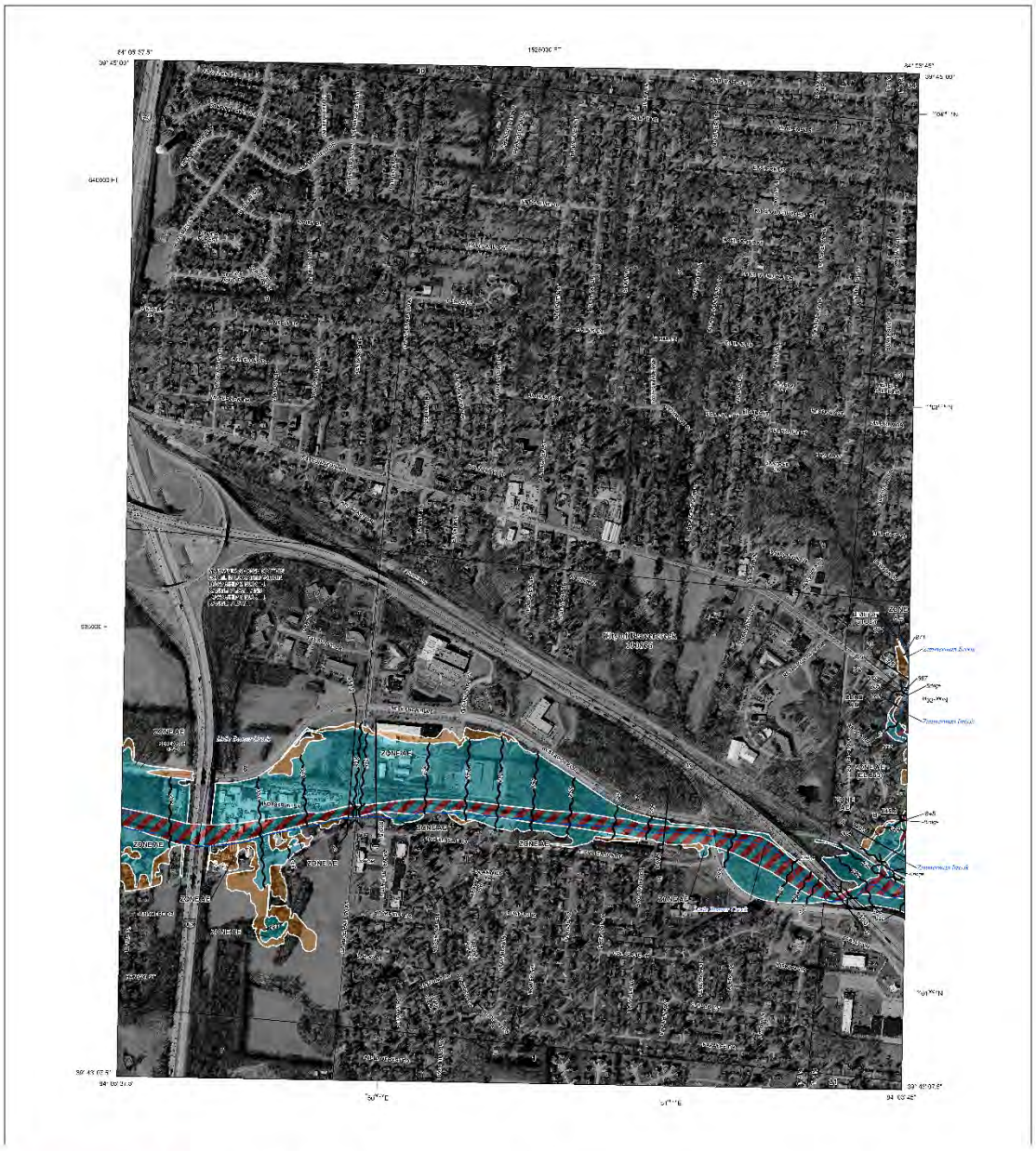
Area with Reduced Flood Risk due to Levee
OTHER AREAS
NO SCREEN
Areas Determined to be Outside the 0.2% Annual Chance Floodplain
Area of Undetermined Flood Hazard
GENERAL STRUCTURES
Channel, Culvert, or Storm Sewer
Levee, Dike, or Floodwall
OTHER FEATURES
Cross Sections with 1% Annual Chance Water Surface Elevation (BFE)
Coastal Transect
Coastal Transect Baseline
Profile Baseline
Hydrographic Feature
Base Flood Elevation Line (BFE)
Limit of Study
Jurisdiction Boundary
NOTES TO USERS
SCALE
1 Inch = 500 feet
1:6,000
Meters
PANEL LOCATOR
PANEL NOT PRINTED
FEMA
National Flood Insurance Program
NATIONAL FLOOD INSURANCE PROGRAM
FLOOD INSURANCE RATE MAP
GREENE COUNTY, OHIO
PANEL 101 OF 295
COMMUNITY
NUMBER
PANEL
SUFFIX
VERSION NUMBER
2.5.3.5
MAP NUMBER
39057C0101E
MAP REVISED
MARCH 5, 2022



FLOOD HAZARD INFORMATION

SEE FIS REPORT FOR ZONE DESCRIPTIONS AND INDEX MAP
THE INFORMATION DEPICTED ON THIS MAP AND SUPPORTING DOCUMENTATION ARE ALSO AVAILABLE IN DIGITAL FORMAT AT
HTTPS://MSC.FEMA.GOV

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) Zone A, AO
- With BFE or Depth Zone AE, AO, AH, VE, AR
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
- Future Conditions 1% Annual Chance Flood Hazard Zone X
- Area with Reduced Flood Risk due to Levee See Notes. Zone X

OTHER AREAS
- NO SCREEN Areas Determined to be Outside the 0.2% Annual Chance Floodplain Zone X
- Area of Undetermined Flood Hazard Zone D

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 18.2 / 17.5 Cross Sections with 1% Annual Chance Water Surface Elevation (BFE)
- Coastal Transect
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary

NOTES TO USERS

SCALE

1 Inch = 500 feet 1:6,000
0 500 1,000 2,000 Feet
0 125 250 500 Meters

PANEL LOCATOR

* PANEL NOT PRINTED

FEMA
National Flood Insurance Program

NATIONAL FLOOD INSURANCE PROGRAM
FLOOD INSURANCE RATE MAP
GREENE COUNTY, OHIO
PANEL 102 OF 295

COMMUNITY	NUMBER	PANEL	SUFFIX

VERSION NUMBER
2.5.3.5
MAP NUMBER
39057C0102E
MAP REVISED
MARCH 8, 2022

ZONE AE
FLOOD HAZARD INFORMATION
SEE FIS REPORT FOR ZONE DESCRIPTIONS AND INDEX MAP
THE INFORMATION DEPICTED ON THIS MAP AND SUPPORTING DOCUMENTATION ARE ALSO AVAILABLE IN DIGITAL FORMAT AT
HTTPS://MSC.FEMA.GOV
SPECIAL FLOOD HAZARD AREAS
Without Base Flood Elevation (BFE)
With BFE or Depth
Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD
0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile
Future Conditions 1% Annual Chance Flood Hazard
Area with Reduced Flood Risk due to Levee
OTHER AREAS
Areas Determined to be Outside the 0.2% Annual Chance Floodplain
Area of Undetermined Flood Hazard
GENERAL STRUCTURES
Channel, Culvert, or Storm Sewer
Levee, Dike, or Floodwall
OTHER FEATURES
Cross Sections with 1% Annual Chance Water Surface Elevation (BFE)
Coastal Transect
Coastal Transect Baseline
Profile Baseline
Hydrographic Feature
Base Flood Elevation Line (BFE)
Limit of Study
Jurisdiction Boundary
NOTES TO USERS
SCALE
1 inch = 500 feet
1:6,000
Meters
PANEL LOCATOR
PANEL NOT PRINTED
FEMA
National Flood Insurance Program
NATIONAL FLOOD INSURANCE PROGRAM
FLOOD INSURANCE RATE MAP
GREENE COUNTY, OHIO
PANEL 104 OF 295
COMMUNITY
NUMBER
PANEL
SUFFIX
VERSION NUMBER
2.5.3.5
MAP NUMBER
39057C0104E
MAP REVISED
MARCH 6, 2022

FLOOD HAZARD INFORMATION

SEE FIS REPORT FOR ZONE DESCRIPTIONS AND INDEX MAP
THE INFORMATION DEPICTED ON THIS MAP AND SUPPORTING DOCUMENTATION ARE ALSO AVAILABLE IN DIGITAL FORMAT AT
HTTPS://MSC.FEMA.GOV

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) Zone A, AO
- With BFE or Depth Zone AE, AH, VE, AR
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
- Future Conditions 1% Annual Chance Flood Hazard Zone X
- Area with Reduced Flood Risk due to Levee See Notes. Zone X

OTHER AREAS
- NO SCREEN Areas Determined to be Outside the 0.2% Annual Chance Floodplain Zone X
- Area of Undetermined Flood Hazard Zone D

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 18.2 / 17.5 Cross Sections with 1% Annual Chance Water Surface Elevation (BFE)
- 8 Coastal Transect
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary

NOTES TO USERS

SCALE

1 Inch = 500 feet 1:6,000
0 500 1,000 2,000 Feet
0 125 250 500 Meters

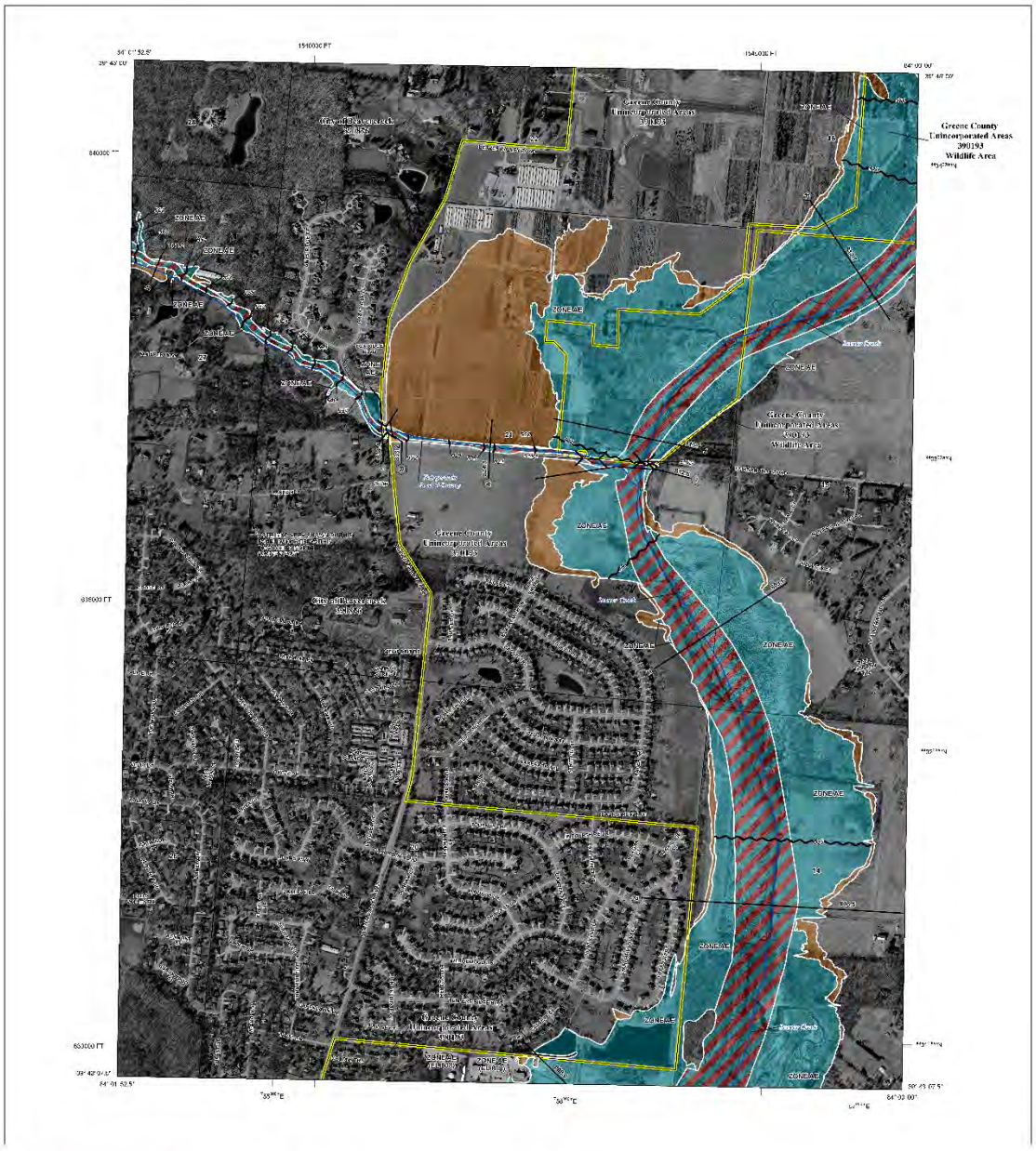
PANEL LOCATOR

FEMA
National Flood Insurance Program

NATIONAL FLOOD INSURANCE PROGRAM
FLOOD INSURANCE RATE MAP
GREENE COUNTY, OHIO
PANEL 106 OF 295

COMMUNITY	NUMBER	PANEL	SUFFIX
[illegible]	[illegible]	[illegible]	[illegible]

VERSION NUMBER
2.5.3.5
MAP NUMBER
39057C0106E
MAP REVISED
MARCH 8, 2022



FLOOD HAZARD INFORMATION

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SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) Zone A, AO
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- Regulatory Floodway

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- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
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OTHER AREAS
- NO SCREEN — Areas Determined to be Outside the 0.2% Annual Chance Floodplain Zone X
- Area of Undetermined Flood Hazard Zone D

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 18.2 / 17.5 — Cross Sections with 1% Annual Chance Water Surface Elevation (BFE)
- Coastal Transect
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary

NOTES TO USERS

SCALE

1 Inch = 500 feet 1:6,000
0 500 1,000 2,000 Feet
0 125 250 500 Meters

PANEL LOCATOR

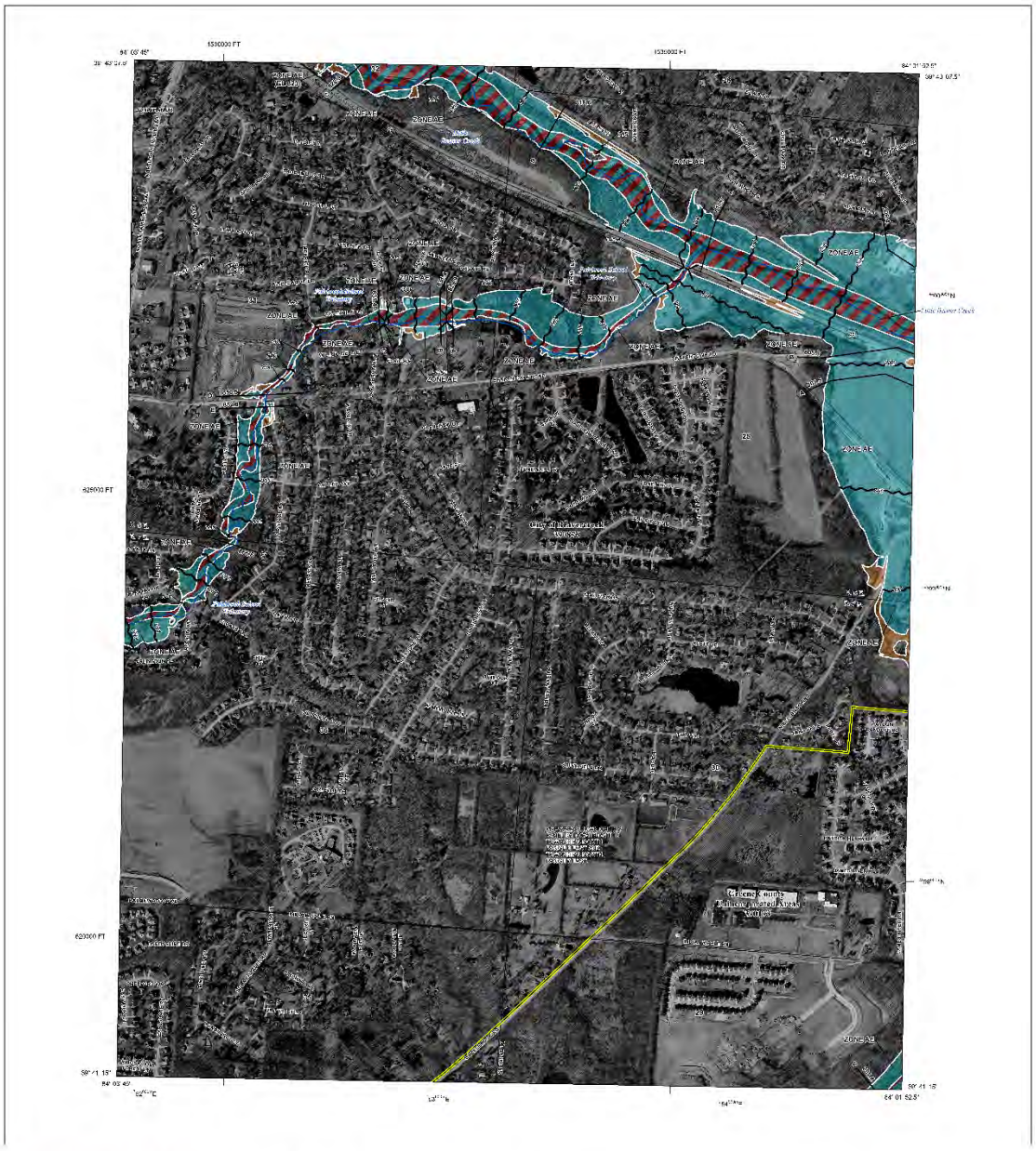
PANEL NOT PRINTED

FEMA
National Flood Insurance Program

NATIONAL FLOOD INSURANCE PROGRAM
FLOOD INSURANCE RATE MAP
GREENE COUNTY, OHIO
PANEL 107 OF 295

COMMUNITY	NUMBER	PANEL	SUFFIX
[illegible]	[illegible]	[illegible]	[illegible]

VERSION NUMBER
2.5.3.5
MAP NUMBER
39057C0107E
MAP REVISED
MARCH 8, 2022


FLOOD HAZARD INFORMATION
SEE FIS REPORT FOR ZONE DESCRIPTIONS AND INDEX MAP
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Without Base Flood Elevation (BFE)
With BFE or Depth
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Channel, Culvert, or Storm Sewer
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Cross Sections with 1% Annual Chance Water Surface Elevation (BFE)
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Coastal Transect Baseline
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Jurisdiction Boundary
NOTES TO USERS
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1 inch = 500 feet
1:6,000
Meters
PANEL LOCATOR
FEMA
National Flood Insurance Program
NATIONAL FLOOD INSURANCE PROGRAM
FLOOD INSURANCE RATE MAP
GREENE COUNTY, OHIO
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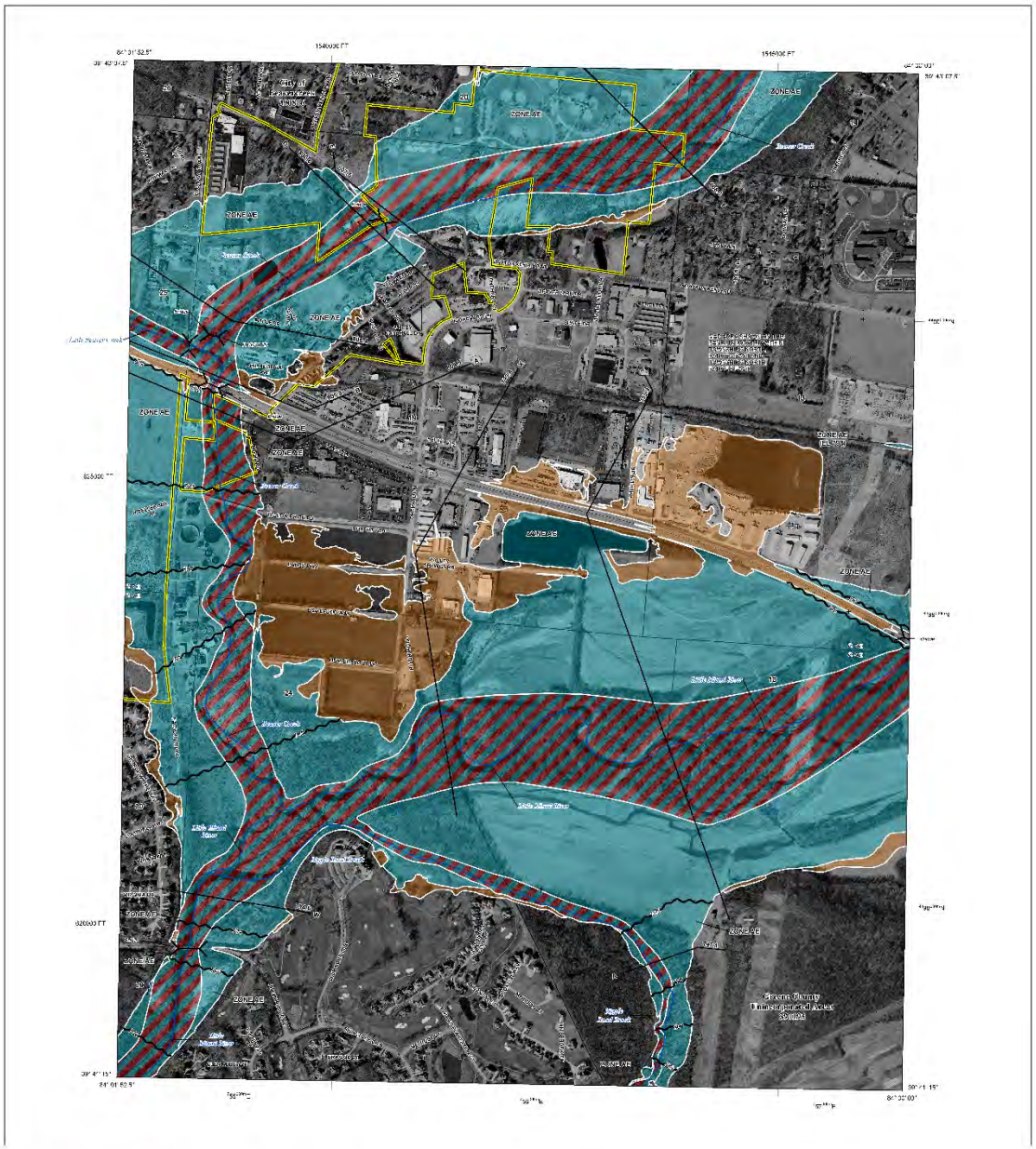
COMMUNITY
NUMBER
PANEL
SUFFIX
VERSION NUMBER
2.5.3.5
MAP NUMBER
39057C0108E
MAP REVISED
MARCH 6, 2022



FLOOD HAZARD INFORMATION

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SPECIAL FLOOD HAZARD AREAS
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GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 17.5 / 16.2 Cross Sections with 1% Annual Chance Water Surface Elevation (BFE)
- Coastal Transect
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary

NOTES TO USERS

SCALE

1 inch = 500 feet 1:6,000
0 500 1,000 2,000 Feet
0 125 250 500 Meters

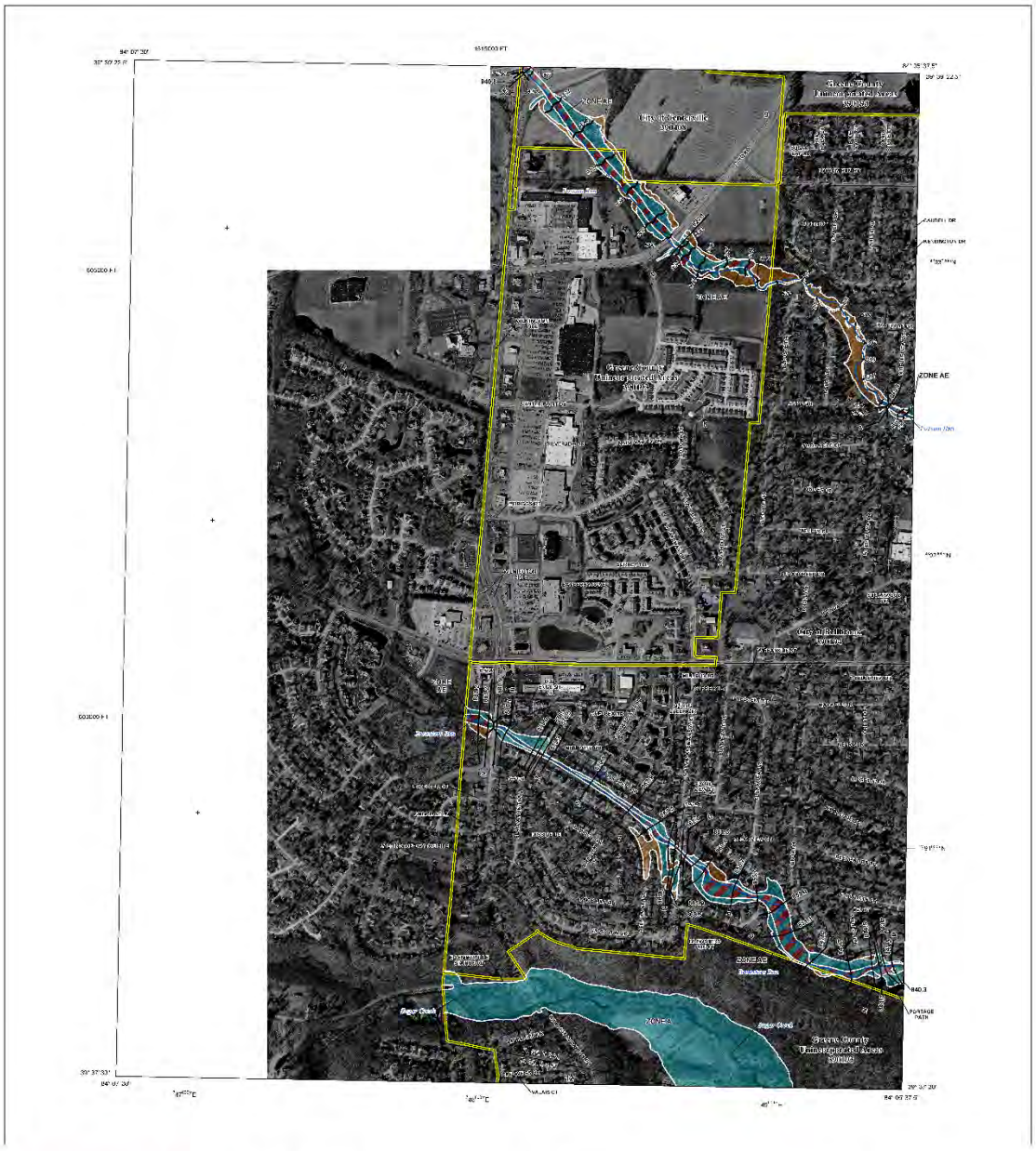
PANEL LOCATOR

FEMA
National Flood Insurance Program

NATIONAL FLOOD INSURANCE PROGRAM
FLOOD INSURANCE RATE MAP
GREENE COUNTY, OHIO
PANEL 109 OF 295

COMMUNITY	NUMBER	PANEL	SUFFIX
[illegible]	[illegible]	[illegible]	[illegible]

VERSION NUMBER
2.5.3.5
MAP NUMBER
39057C0109E
MAP REVISED
MARCH 8, 2022


ZONE AE
ZONE AE
ZONE AE
ZONE AE
ZONE AE
ZONE AE
Beaver Creek
Beaver Creek
Beaver Creek
Beaver Creek
Beaver Creek
Beaver Creek
FLOOD HAZARD INFORMATION
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Meters
PANEL LOCATOR
PANEL NOT PRINTED
FEMA
National Flood Insurance Program
NATIONAL FLOOD INSURANCE PROGRAM
FLOOD INSURANCE RATE MAP
GREENE COUNTY, OHIO
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VERSION NUMBER
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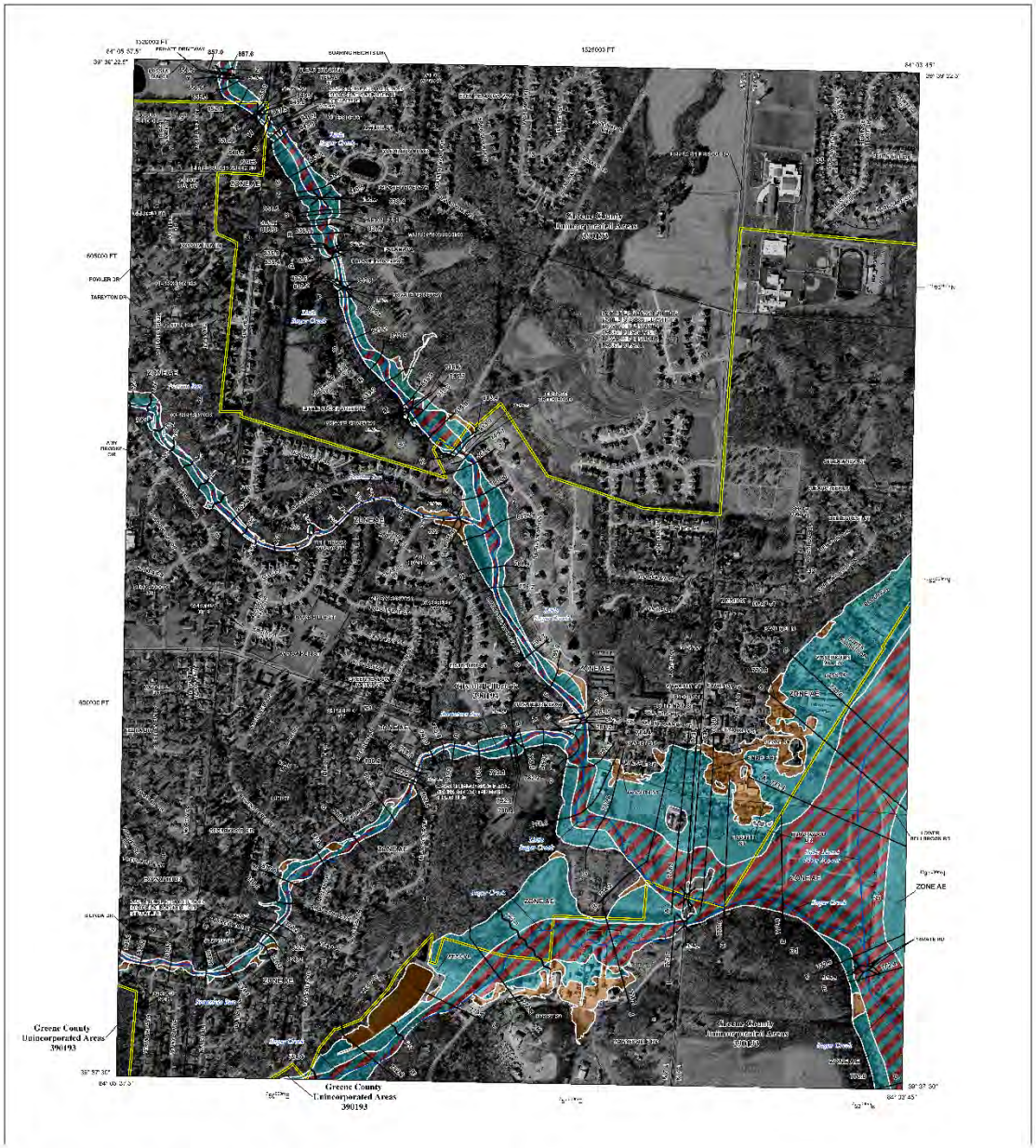
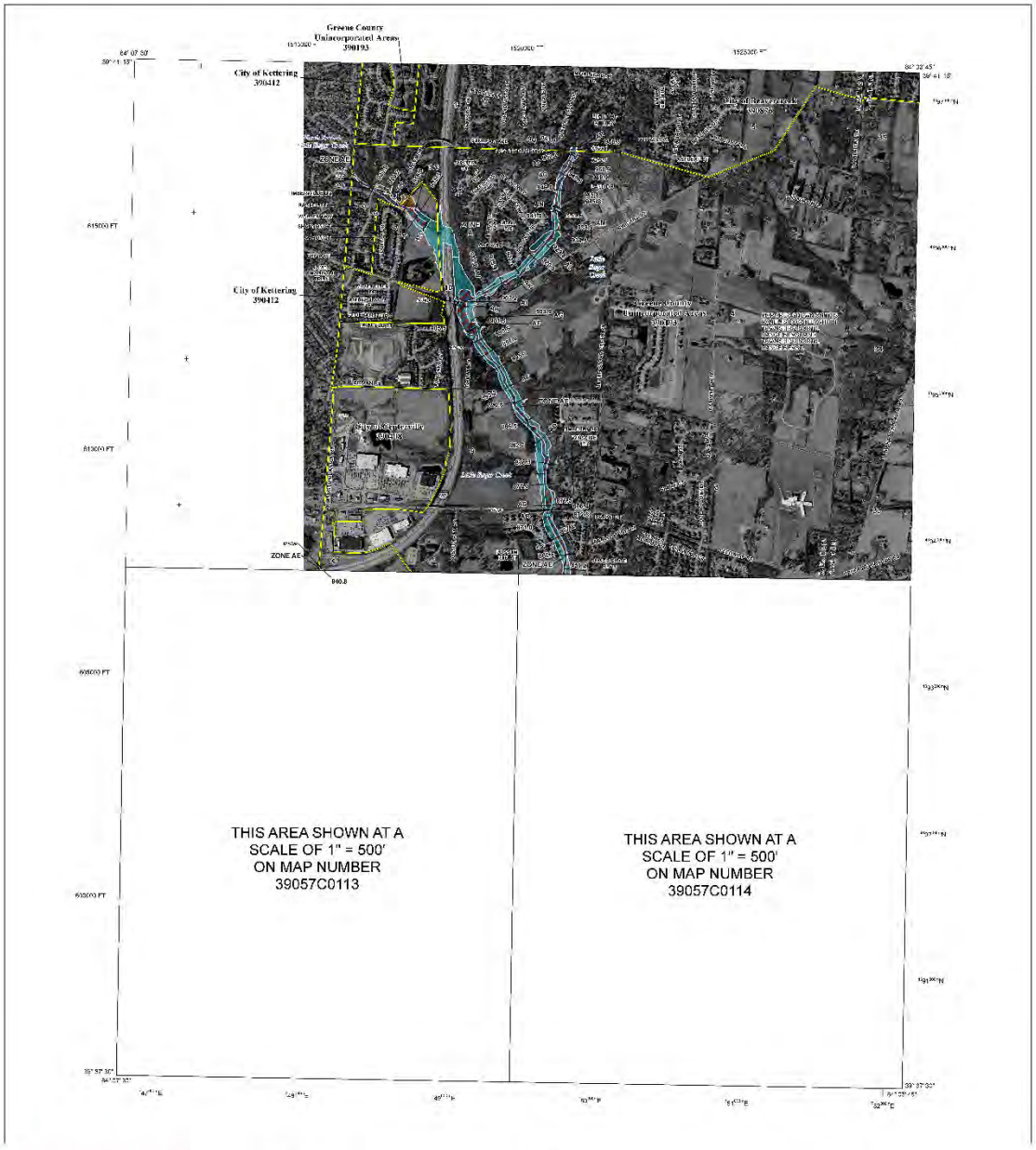
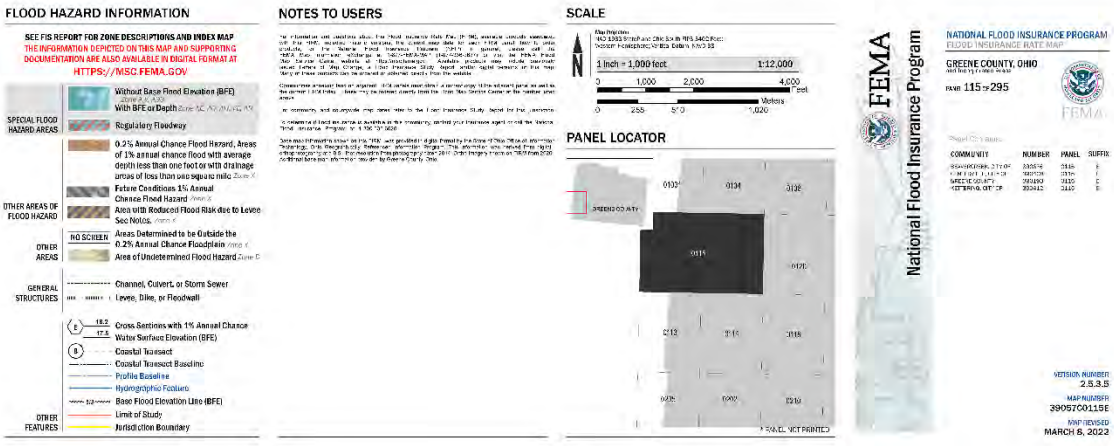
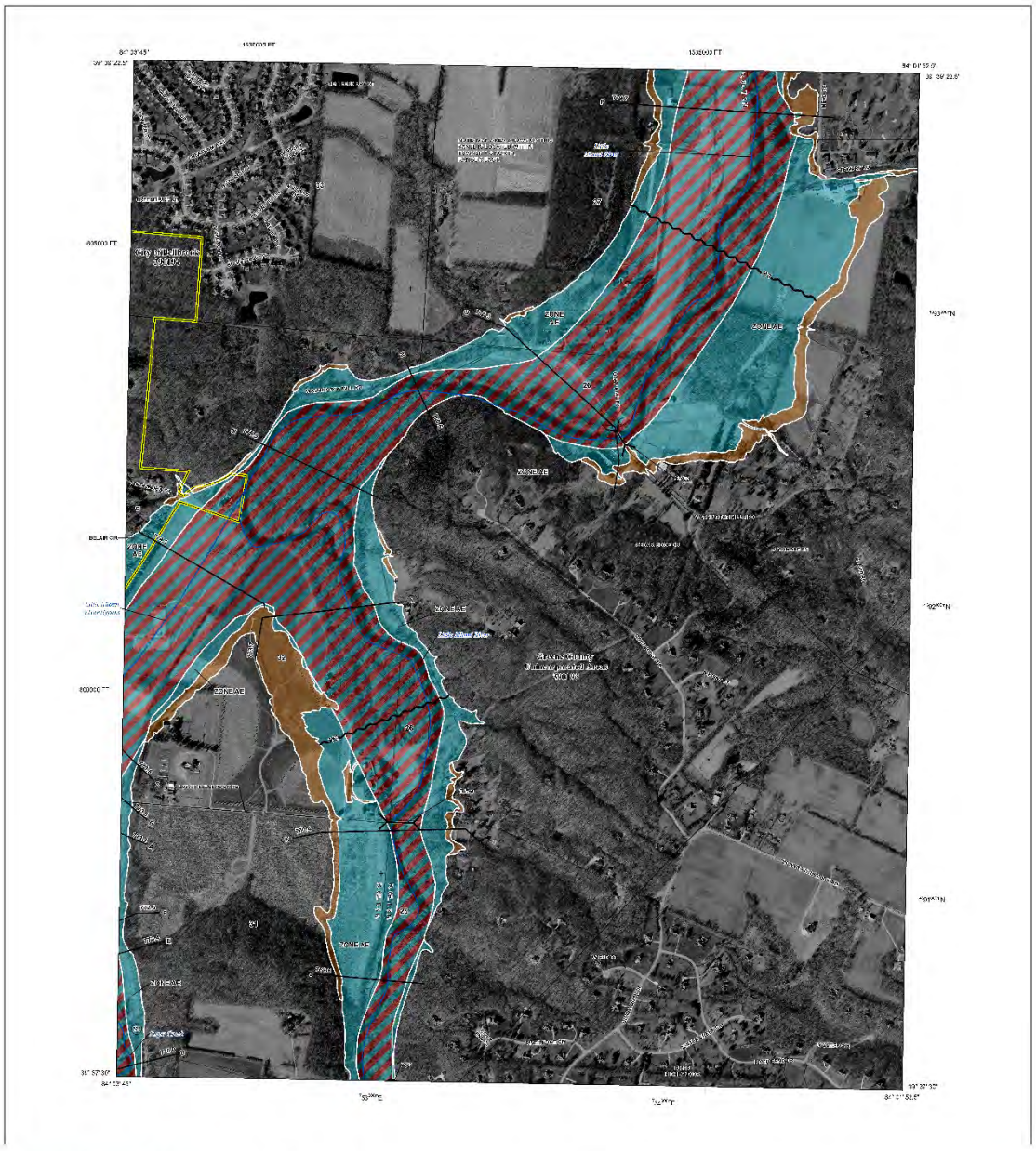
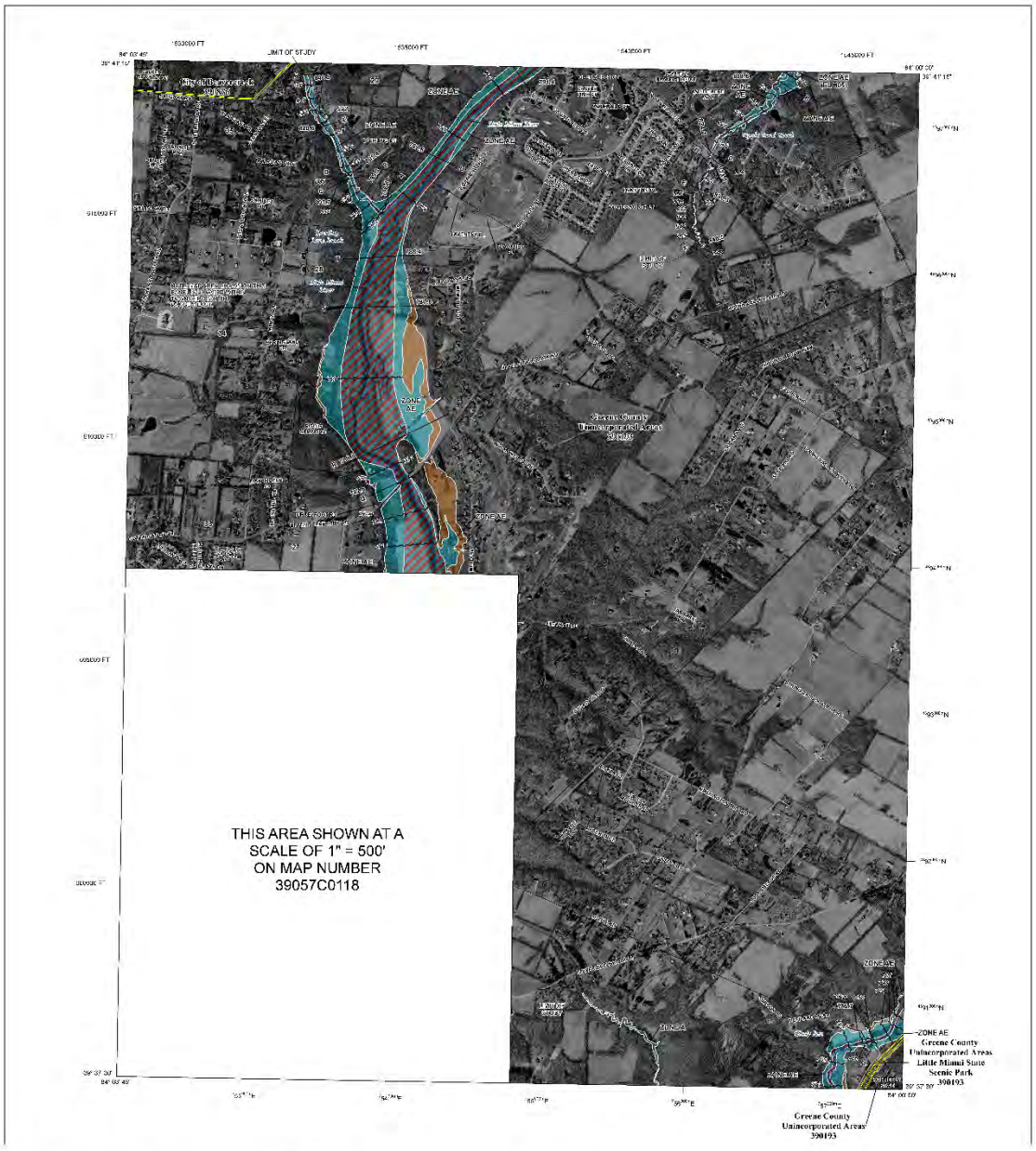
MAP NUMBER
39057C0113E
MAP REVISED
MARCH 6, 2022


Greene County Unincorporated Areas 390193
Greene County Unincorporated Areas 390193
Greene County Unincorporated Areas 390193
ZONE AE
Beaver Run
Sugar Creek
Little Sugar Creek
FLOOD HAZARD INFORMATION
SEE FIS REPORT FOR ZONE DESCRIPTIONS AND INDEX MAP
THE INFORMATION DEPICTED ON THIS MAP AND SUPPORTING DOCUMENTATION ARE ALSO AVAILABLE IN DIGITAL FORMAT AT
HTTPS://MSC.FEMA.GOV
SPECIAL FLOOD HAZARD AREAS
Without Base Flood Elevation (BFE)
With BFE or Depth
Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD
0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile
Future Conditions 1% Annual Chance Flood Hazard
Area with Reduced Flood Risk due to Levee
OTHER AREAS
Areas Determined to be Outside the 0.2% Annual Chance Floodplain
Area of Undetermined Flood Hazard
GENERAL STRUCTURES
Channel, Culvert, or Storm Sewer
Levee, Dike, or Floodwall
OTHER FEATURES
Cross Sections with 1% Annual Chance Water Surface Elevation (BFE)
Coastal Transect
Coastal Transect Baseline
Profile Baseline
Hydrographic Feature
Base Flood Elevation Line (BFE)
Limit of Study
Jurisdiction Boundary
NOTES TO USERS
SCALE
1 Inch = 500 feet
1:6,000
Meters
PANEL LOCATOR
PANEL NOT PRINTED
FEMA
National Flood Insurance Program
NATIONAL FLOOD INSURANCE PROGRAM
FLOOD INSURANCE RATE MAP
GREENE COUNTY, OHIO
PANEL 114 OF 295
COMMUNITY
NUMBER
PANEL
SUFFIX
VERSION NUMBER
2.5.3.5
MAP NUMBER
39057C0114E
MAP REVISED
MARCH 8, 2022


Greene County
Unincorporated Areas
390193
City of Kettering
390412
City of Kettering
390412
Greene County
Unincorporated Areas
390193
ZONE AE
THIS AREA SHOWN AT A
SCALE OF 1" = 500'
ON MAP NUMBER
39057C0113
THIS AREA SHOWN AT A
SCALE OF 1" = 500'
ON MAP NUMBER
39057C0114


FLOOD HAZARD INFORMATION
SEE FIS REPORT FOR ZONE DESCRIPTIONS AND INDEX MAP
THE INFORMATION DEPICTED ON THIS MAP AND SUPPORTING DOCUMENTATION ARE ALSO AVAILABLE IN DIGITAL FORMAT AT
HTTPS://MSC.FEMA.GOV
SPECIAL FLOOD HAZARD AREAS
Without Base Flood Elevation (BFE)
With BFE or Depth
Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD
0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile
Future Conditions 1% Annual Chance Flood Hazard
Area with Reduced Flood Risk due to Levee
OTHER AREAS
NO SCREEN
Areas Determined to be Outside the 0.2% Annual Chance Floodplain
Area of Undetermined Flood Hazard
GENERAL STRUCTURES
Channel, Culvert, or Storm Sewer
Levee, Dike, or Floodwall
OTHER FEATURES
Cross Sections with 1% Annual Chance Water Surface Elevation (BFE)
Coastal Transect
Coastal Transect Baseline
Profile Baseline
Hydrographic Feature
Base Flood Elevation Line (BFE)
Limit of Study
Jurisdiction Boundary
NOTES TO USERS
SCALE
1 Inch = 1,000 feet
1:12,000
PANEL LOCATOR
FEMA
National Flood Insurance Program
NATIONAL FLOOD INSURANCE PROGRAM
FLOOD INSURANCE RATE MAP
GREENE COUNTY, OHIO
PANEL 115 OF 295
COMMUNITY
NUMBER
PANEL
SUFFIX
VERSION NUMBER
2.5.3.5
MAP NUMBER
39057C0115E
MAP REVISED
MARCH 6, 2022


ZONE AE
ZONE A
ZONE X
Greene County Fairgrounds and Event Center
Little Miami River
Beaver Creek
City of Bellbrook
SPECIAL FLOOD HAZARD AREAS
OTHER AREAS OF FLOOD HAZARD
OTHER AREAS
GENERAL STRUCTURES
OTHER FEATURES
FLOOD HAZARD INFORMATION
NOTES TO USERS
SCALE
PANEL LOCATOR
National Flood Insurance Program
NATIONAL FLOOD INSURANCE PROGRAM
GREENE COUNTY, OHIO
PANEL 118 OF 295
MAP NUMBER
39057C0118E
MAP REVISED
MARCH 6, 2022



FLOOD HAZARD INFORMATION

SEE FIS REPORT FOR ZONE DESCRIPTIONS AND INDEX MAP
THE INFORMATION DEPICTED ON THIS MAP AND SUPPORTING DOCUMENTATION ARE ALSO AVAILABLE IN DIGITAL FORMAT AT
HTTPS://MSC.FEMA.GOV

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) Zone A, AO
- With BFE or Depth Zone AE, AO, AH, VE, AR
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
- Future Conditions 1% Annual Chance Flood Hazard Zone X
- Area with Reduced Flood Risk due to Levee See Notes. Zone X

OTHER AREAS
- NO SCREEN Areas Determined to be Outside the 0.2% Annual Chance Floodplain Zone X
- Area of Undetermined Flood Hazard Zone D

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 18.2 / 17.5 Cross Sections with 1% Annual Chance Water Surface Elevation (BFE)
- Coastal Transect
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary

NOTES TO USERS

SCALE

1 Inch = 1,000 feet 1:12,000
0 1,000 2,000 4,000 Feet
0 255 510 1,020 Meters

PANEL LOCATOR

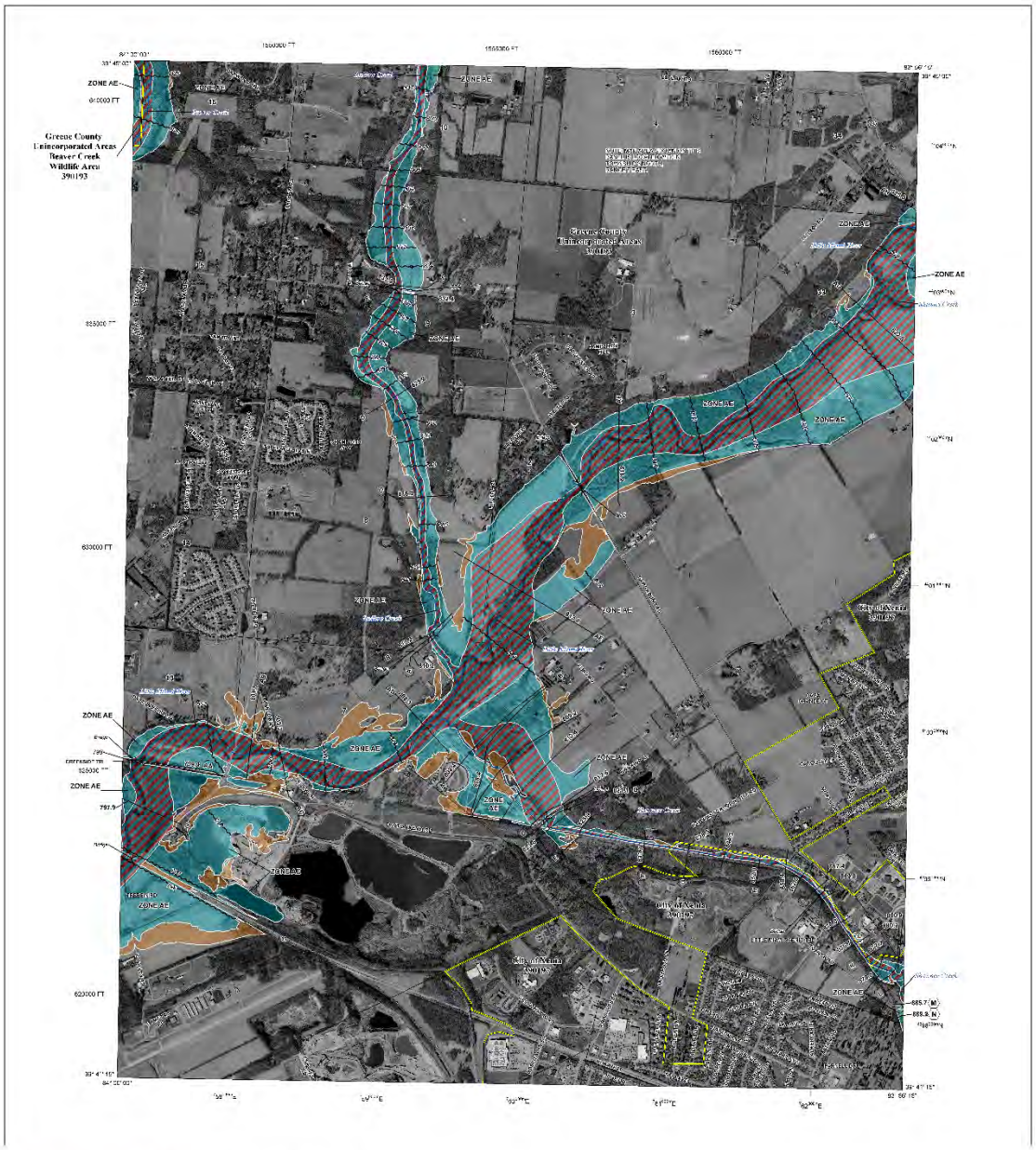
PANEL NOT PRINTED

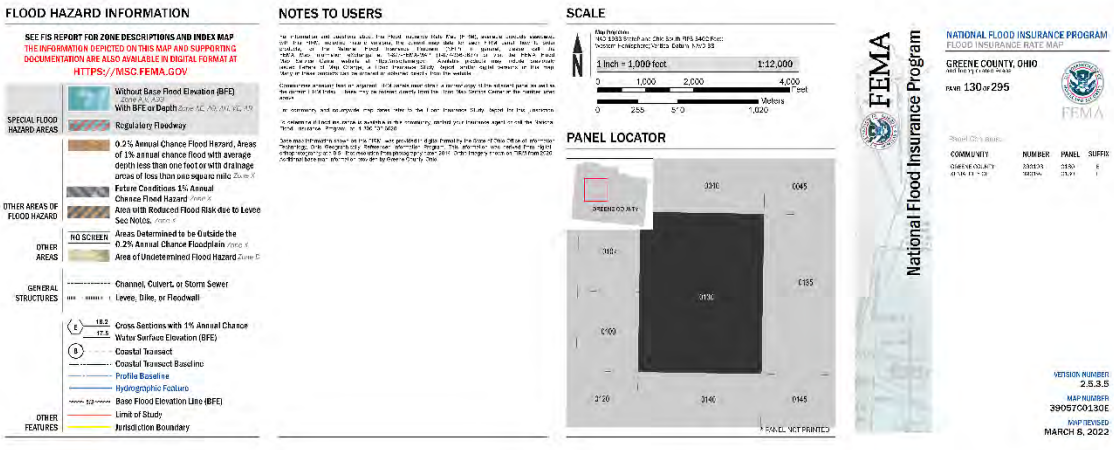
FEMA
National Flood Insurance Program

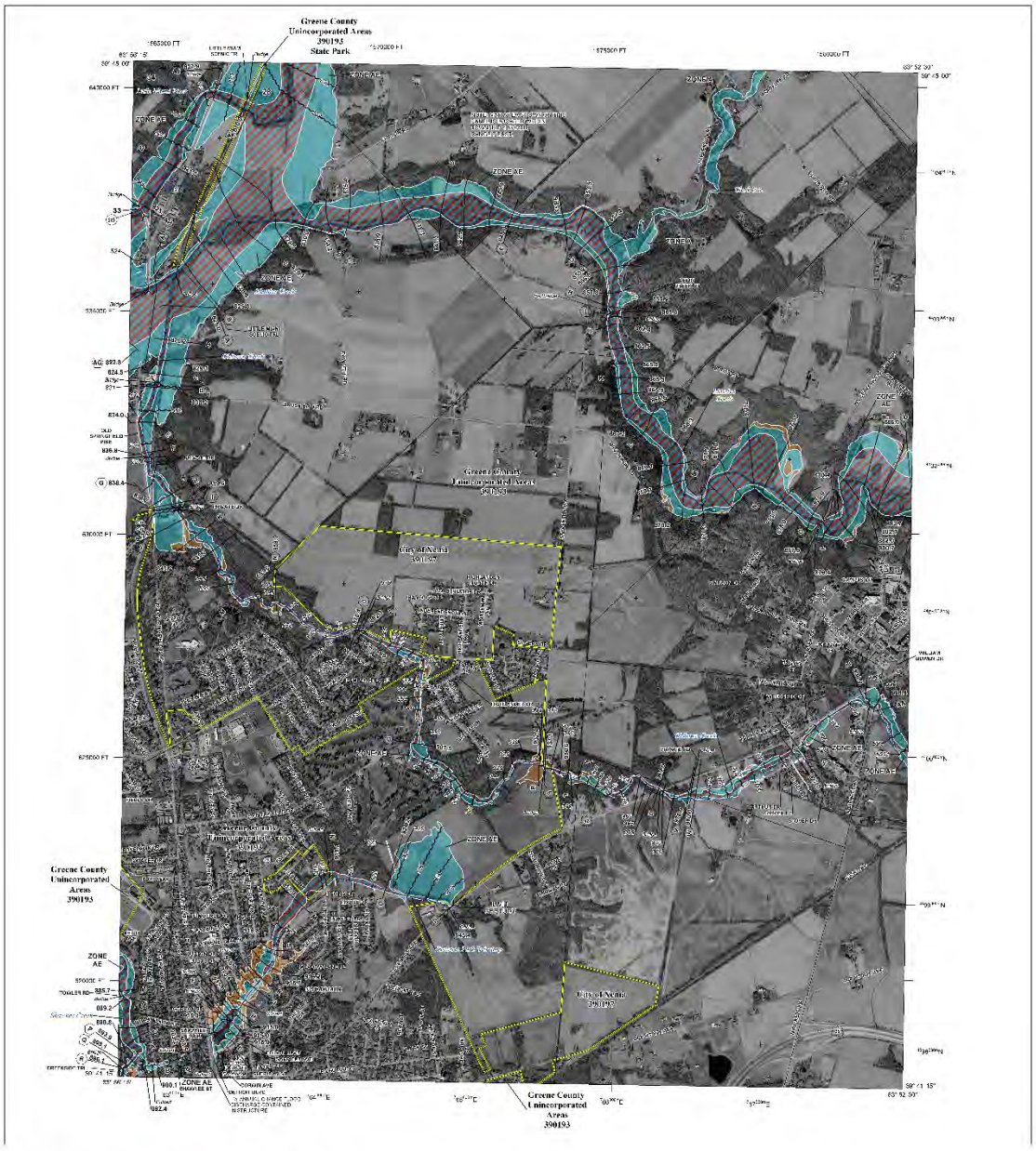
NATIONAL FLOOD INSURANCE PROGRAM
FLOOD INSURANCE RATE MAP
GREENE COUNTY, OHIO
PANEL 120 OF 295

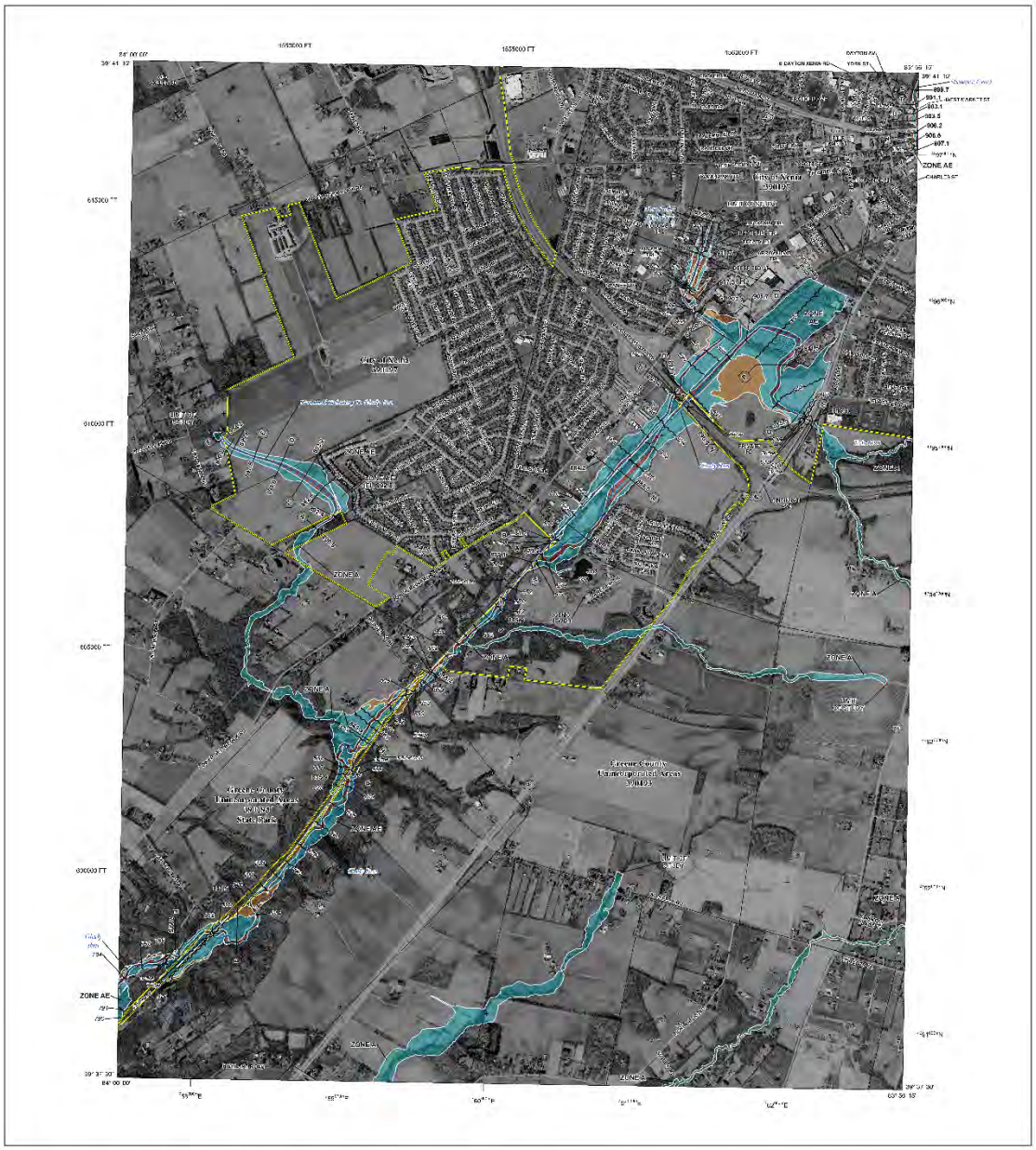
COMMUNITY	NUMBER	PANEL	SUFFIX
[illegible]	[illegible]	[illegible]	[illegible]

VERSION NUMBER
2.5.3.5
MAP NUMBER
39057C0120E
MAP REVISED
MARCH 8, 2022


Greene County Unincorporated Areas Beaver Creek Wildlife Area 390193
ZONE AE
Greene County Unincorporated Areas 390193
City of Xenia 390195
City of Xenia 390195
City of Xenia 390195
Beaver Creek
Little Miami River
Shawnee Creek
Massie Creek
Spring Valley Creek
Trebein Creek
1560000 FT
655000 FT
620000 FT


FLOOD HAZARD INFORMATION
SEE FIS REPORT FOR ZONE DESCRIPTIONS AND INDEX MAP
THE INFORMATION DEPICTED ON THIS MAP AND SUPPORTING DOCUMENTATION ARE ALSO AVAILABLE IN DIGITAL FORMAT AT
HTTPS://MSC.FEMA.GOV
SPECIAL FLOOD HAZARD AREAS
Without Base Flood Elevation (BFE)
With BFE or Depth
Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD
0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile
Future Conditions 1% Annual Chance Flood Hazard
Area with Reduced Flood Risk due to Levee
OTHER AREAS
NO SCREEN
Areas Determined to be Outside the 0.2% Annual Chance Floodplain
Area of Undetermined Flood Hazard
GENERAL STRUCTURES
Channel, Culvert, or Storm Sewer
Levee, Dike, or Floodwall
OTHER FEATURES
Cross Sections with 1% Annual Chance
Water Surface Elevation (BFE)
Coastal Transect
Coastal Transect Baseline
Profile Baseline
Hydrographic Feature
Base Flood Elevation Line (BFE)
Limit of Study
Jurisdiction Boundary
NOTES TO USERS
SCALE
1 Inch = 1,000 feet
1:12,000
PANEL LOCATOR
PANEL NOT PRINTED
FEMA
National Flood Insurance Program
NATIONAL FLOOD INSURANCE PROGRAM
FLOOD INSURANCE RATE MAP
GREENE COUNTY, OHIO
PANEL 130 OF 295
COMMUNITY
NUMBER
PANEL
SUFFIX
VERSION NUMBER
2.5.3.5
MAP NUMBER
39057C0130E
MAP REVISED
MARCH 6, 2022


Greene County Unincorporated Areas 390193 State Park
ZONE AE
Greene County Unincorporated Areas 390193
City of Xenia 390193
Greene County Unincorporated Areas 390193
FLOOD HAZARD INFORMATION
SEE FIS REPORT FOR ZONE DESCRIPTIONS AND INDEX MAP
THE INFORMATION DEPICTED ON THIS MAP AND SUPPORTING DOCUMENTATION ARE ALSO AVAILABLE IN DIGITAL FORMAT AT
HTTPS://MSC.FEMA.GOV
SPECIAL FLOOD HAZARD AREAS
Without Base Flood Elevation (BFE)
With BFE or Depth
Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD
0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile
Future Conditions 1% Annual Chance Flood Hazard
Area with Reduced Flood Risk due to Levee
OTHER AREAS
NO SCREEN
Areas Determined to be Outside the 0.2% Annual Chance Floodplain
Area of Undetermined Flood Hazard
GENERAL STRUCTURES
Channel, Culvert, or Storm Sewer
Levee, Dike, or Floodwall
OTHER FEATURES
Cross Sections with 1% Annual Chance
Water Surface Elevation (BFE)
Coastal Transect
Coastal Transect Baseline
Profile Baseline
Hydrographic Feature
Base Flood Elevation Line (BFE)
Limit of Study
Jurisdiction Boundary
NOTES TO USERS
SCALE
1 Inch = 1,000 feet
1:12,000
0
1,000
2,000
4,000
Feet
0
255
510
1,020
Meters
PANEL LOCATOR
PANEL NOT PRINTED
FEMA
National Flood Insurance Program
NATIONAL FLOOD INSURANCE PROGRAM
FLOOD INSURANCE RATE MAP
GREENE COUNTY, OHIO
PANEL 135 OF 295
COMMUNITY
NUMBER
PANEL
SUFFIX
VERSION NUMBER
2.5.3.5
MAP NUMBER
39057C0135E
MAP REVISED
MARCH 6, 2022



FLOOD HAZARD INFORMATION

SEE FIS REPORT FOR ZONE DESCRIPTIONS AND INDEX MAP
THE INFORMATION DEPICTED ON THIS MAP AND SUPPORTING DOCUMENTATION ARE ALSO AVAILABLE IN DIGITAL FORMAT AT
HTTPS://MSC.FEMA.GOV

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) Zone A, V, A99
- With BFE or Depth Zone AE, AO, AH, VE, AR
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
- Future Conditions 1% Annual Chance Flood Hazard Zone X
- Area with Reduced Flood Risk due to Levee See Notes. Zone X

OTHER AREAS
- NO SCREEN Areas Determined to be Outside the 0.2% Annual Chance Floodplain Zone X
- Area of Undetermined Flood Hazard Zone D

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 18.2 / 17.5 Cross Sections with 1% Annual Chance Water Surface Elevation (BFE)
- Coastal Transect
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary

NOTES TO USERS

SCALE

1 inch = 1,000 feet 1:12,000
0 1,000 2,000 4,000 Feet
0 255 510 1,020 Meters

PANEL LOCATOR

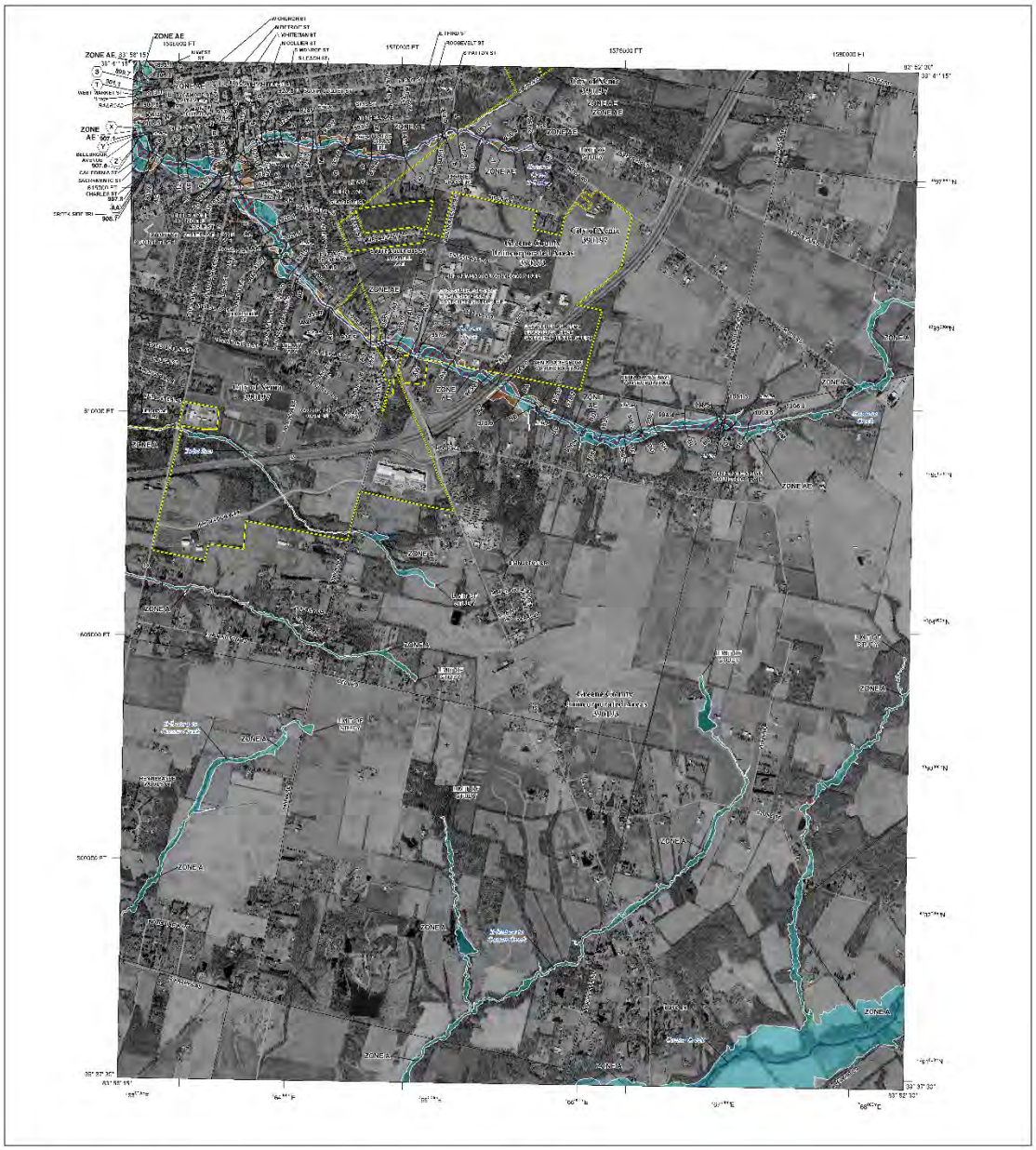
PANEL NOT PRINTED

FEMA
National Flood Insurance Program

NATIONAL FLOOD INSURANCE PROGRAM
FLOOD INSURANCE RATE MAP
GREENE COUNTY, OHIO
PANEL 140 OF 295

COMMUNITY	NUMBER	PANEL	SUFFIX
GREENE COUNTY, UNINCORPORATED AREAS	390570	0140	E
BEAVERCREEK, CITY OF	390594	0140	E

VERSION NUMBER
2.5.3.5
MAP NUMBER
39057C0140E
MAP REVISED
MARCH 8, 2022



FLOOD HAZARD INFORMATION

SEE FIS REPORT FOR ZONE DESCRIPTIONS AND INDEX MAP
THE INFORMATION DEPICTED ON THIS MAP AND SUPPORTING DOCUMENTATION ARE ALSO AVAILABLE IN DIGITAL FORMAT AT
HTTPS://MSC.FEMA.GOV

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) Zone A, V, A99
- With BFE or Depth Zone AE, AO, AH, VE, AR
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
- Future Conditions 1% Annual Chance Flood Hazard Zone X
- Area with Reduced Flood Risk due to Levee See Notes. Zone X

OTHER AREAS
- NO SCREEN Areas Determined to be Outside the 0.2% Annual Chance Floodplain Zone X
- Area of Undetermined Flood Hazard Zone D

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 18.2 / 17.5 Cross Sections with 1% Annual Chance Water Surface Elevation (BFE)
- Coastal Transect
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary

NOTES TO USERS

SCALE

1 inch = 1,000 feet 1:12,000
0 1,000 2,000 4,000 Feet
0 255 510 1,020 Meters

PANEL LOCATOR

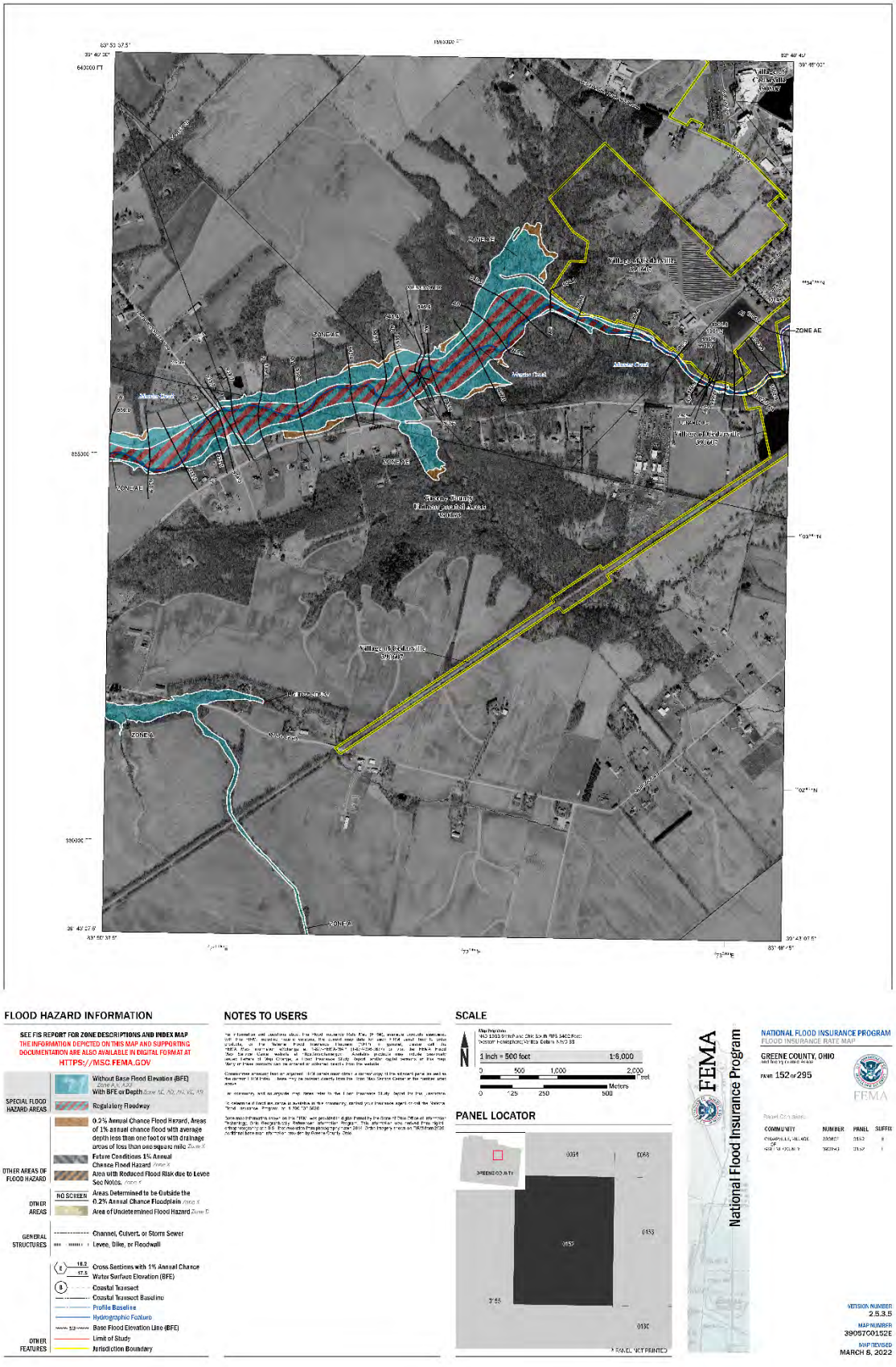
PANEL NOT PRINTED

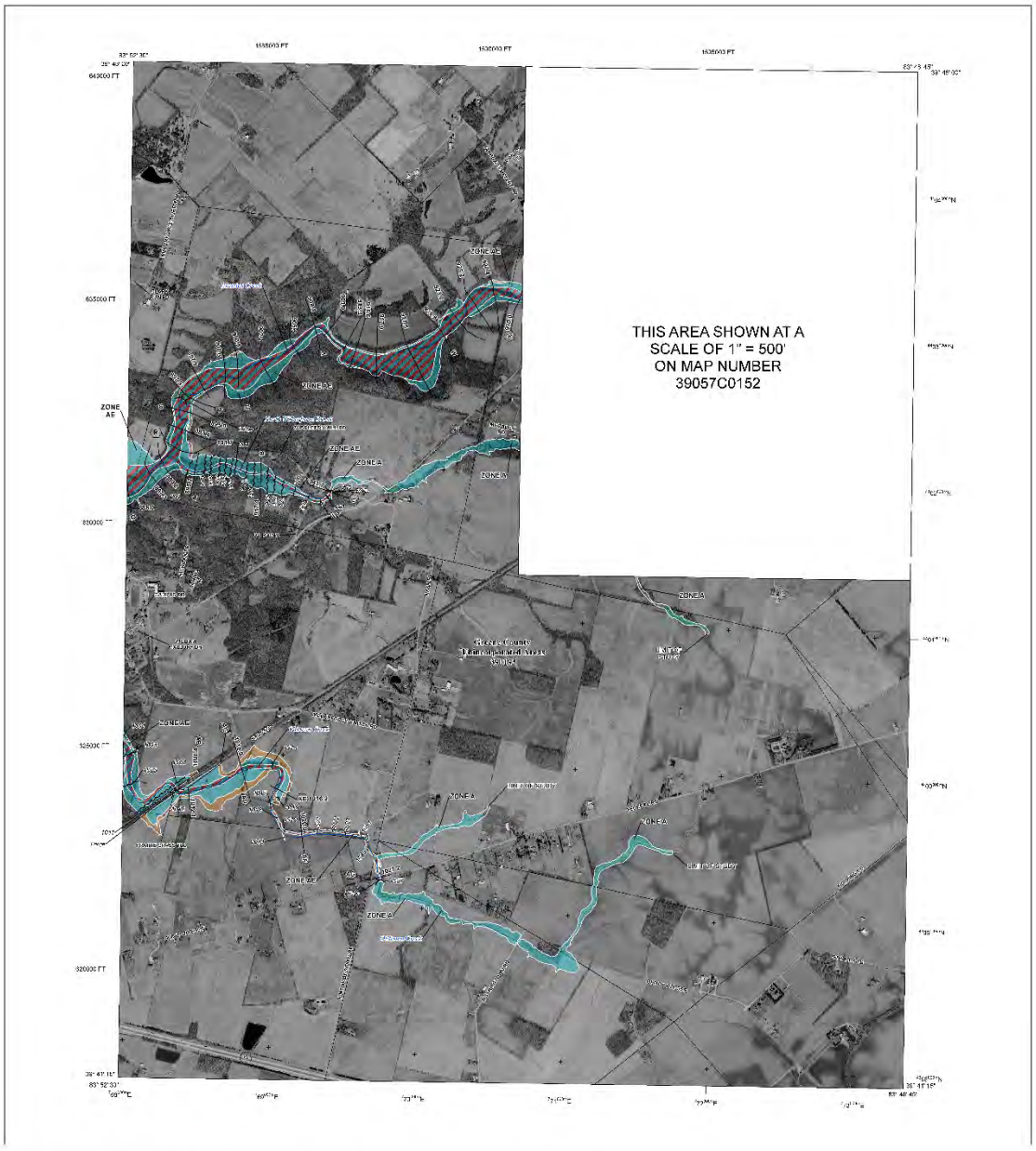
FEMA
National Flood Insurance Program

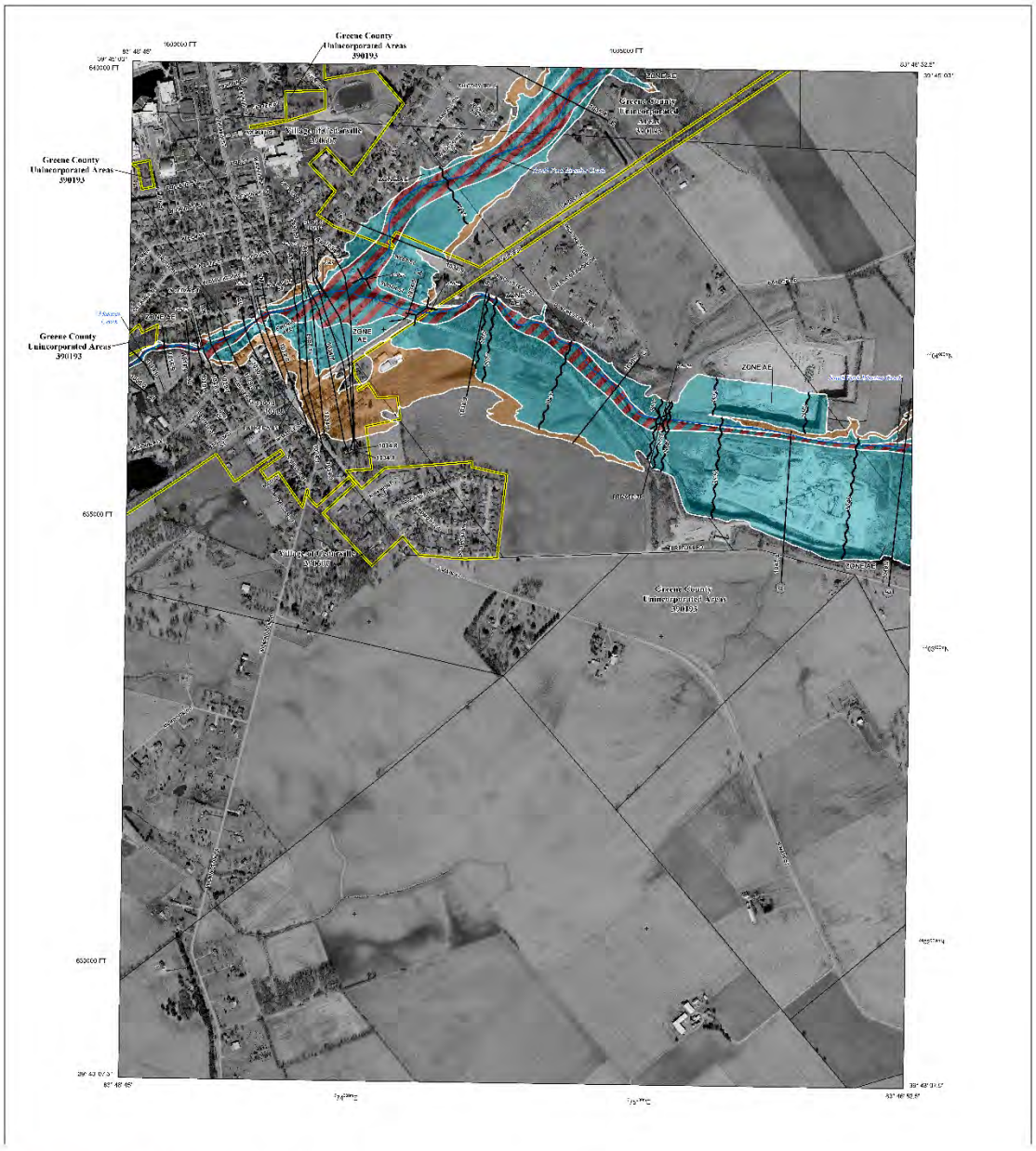
NATIONAL FLOOD INSURANCE PROGRAM
FLOOD INSURANCE RATE MAP
GREENE COUNTY, OHIO
PANEL 145 OF 295

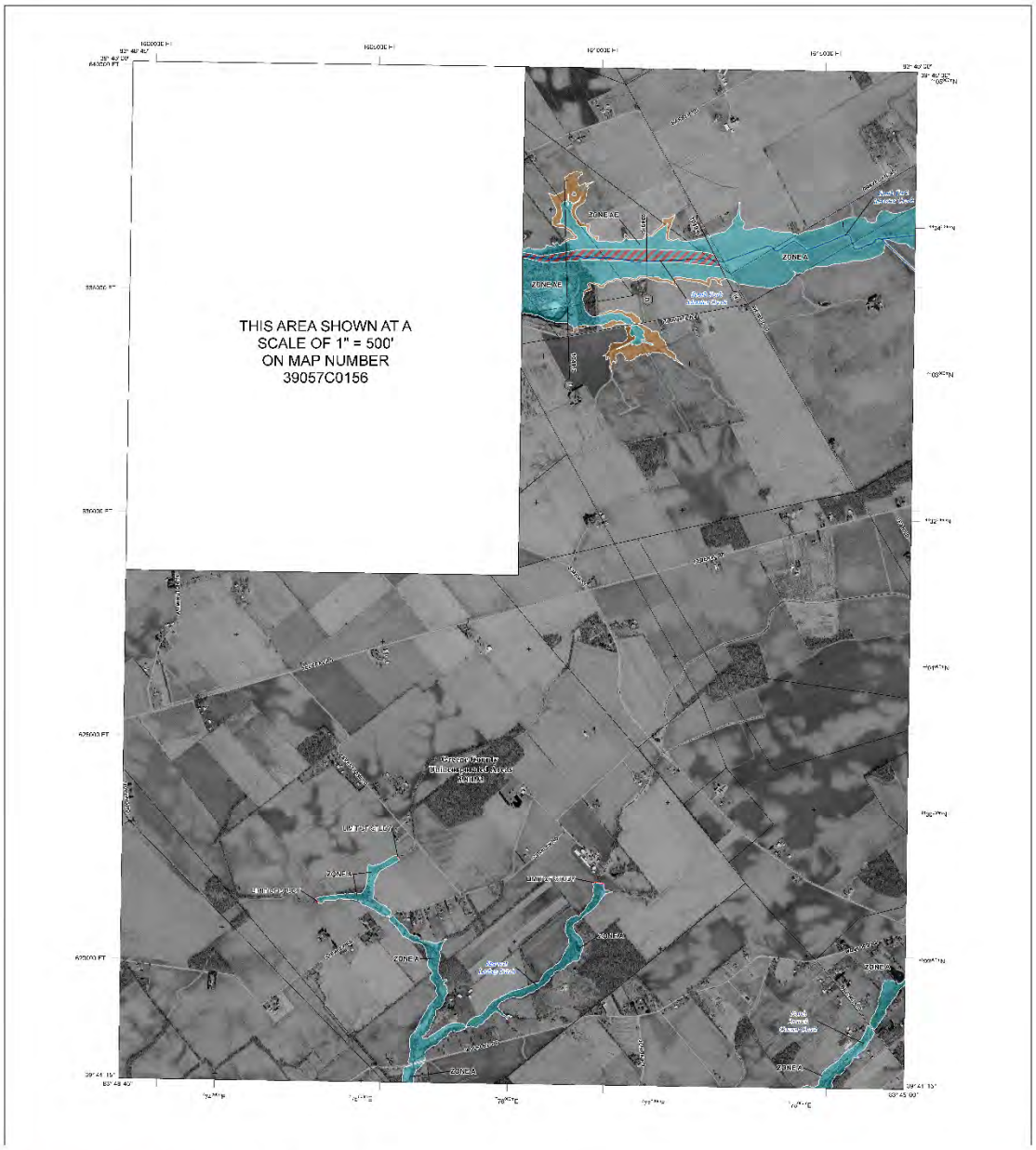
COMMUNITY	NUMBER	PANEL	SUFFIX
GREENE COUNTY	390570	0145	E
BEAVERCREEK, CITY OF	390784	0145	E

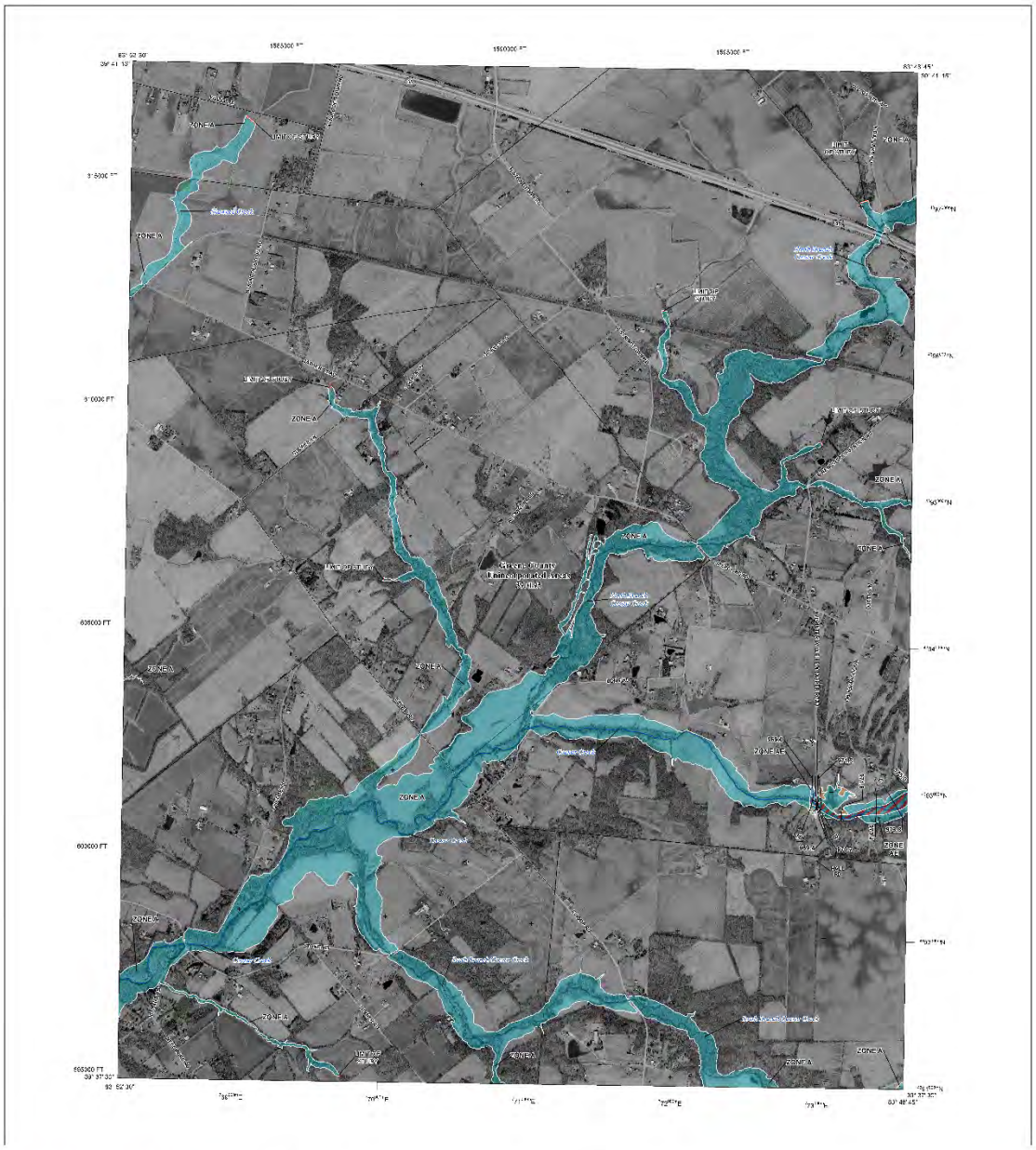
VERSION NUMBER
2.5.3.5
MAP NUMBER
39057C0145E
MAP REVISED
MARCH 8, 2022


ZONE AE
ZONE A
ZONE X
Village of Cedarville
Greene County
Fairground and Rail Access
Miami Trail
Master Road
FLOOD HAZARD INFORMATION
SEE FIS REPORT FOR ZONE DESCRIPTIONS AND INDEX MAP
THE INFORMATION DEPICTED ON THIS MAP AND SUPPORTING DOCUMENTATION ARE ALSO AVAILABLE IN DIGITAL FORMAT AT
HTTPS://MSC.FEMA.GOV
SPECIAL FLOOD HAZARD AREAS
Without Base Flood Elevation (BFE)
With BFE or Depth
Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD
0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile
Future Conditions 1% Annual Chance Flood Hazard
Area with Reduced Flood Risk due to Levee
OTHER AREAS
Areas Determined to be Outside the 0.2% Annual Chance Floodplain
Area of Undetermined Flood Hazard
GENERAL STRUCTURES
Channel, Culvert, or Storm Sewer
Levee, Dike, or Floodwall
OTHER FEATURES
Cross Sections with 1% Annual Chance Water Surface Elevation (BFE)
Coastal Transect
Coastal Transect Baseline
Profile Baseline
Hydrographic Feature
Base Flood Elevation Line (BFE)
Limit of Study
Jurisdiction Boundary
NOTES TO USERS
SCALE
1 inch = 500 feet
1:6,000
Meters
PANEL LOCATOR
PANEL NOT PRINTED
FEMA
National Flood Insurance Program
NATIONAL FLOOD INSURANCE PROGRAM
FLOOD INSURANCE RATE MAP
GREENE COUNTY, OHIO
PANEL 152 OF 295
COMMUNITY
NUMBER
PANEL
SUFFIX
VERSION NUMBER
2.5.3.5
MAP NUMBER
39057C0152E
MAP REVISED
MARCH 6, 2022


THIS AREA SHOWN AT A
SCALE OF 1" = 500'
ON MAP NUMBER
39057C0152
ZONE AE
ZONE A
FLOOD HAZARD INFORMATION
SEE FIS REPORT FOR ZONE DESCRIPTIONS AND INDEX MAP
THE INFORMATION DEPICTED ON THIS MAP AND SUPPORTING DOCUMENTATION ARE ALSO AVAILABLE IN DIGITAL FORMAT AT
HTTPS://MSC.FEMA.GOV
SPECIAL FLOOD HAZARD AREAS
Without Base Flood Elevation (BFE)
With BFE or Depth
Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD
0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile
Future Conditions 1% Annual Chance Flood Hazard
Area with Reduced Flood Risk due to Levee
OTHER AREAS
Areas Determined to be Outside the 0.2% Annual Chance Floodplain
Area of Undetermined Flood Hazard
GENERAL STRUCTURES
Channel, Culvert, or Storm Sewer
Levee, Dike, or Floodwall
OTHER FEATURES
Cross Sections with 1% Annual Chance
Water Surface Elevation (BFE)
Coastal Transect
Coastal Transect Baseline
Profile Baseline
Hydrographic Feature
Base Flood Elevation Line (BFE)
Limit of Study
Jurisdiction Boundary
NOTES TO USERS
SCALE
1 Inch = 1,000 feet
1:12,000
PANEL LOCATOR
FEMA
National Flood Insurance Program
NATIONAL FLOOD INSURANCE PROGRAM
FLOOD INSURANCE RATE MAP
GREENE COUNTY, OHIO
PANEL 155 OF 295
COMMUNITY
NUMBER
PANEL
SUFFIX
VERSION NUMBER
2.5.3.5
MAP NUMBER
39057C0155E
MAP REVISED
MARCH 6, 2022


Greene County Unincorporated Areas 390193
Village of Yellow Springs 390193
ZONE AE
ZONE A
ZONE X
FLOOD HAZARD INFORMATION
SEE FIS REPORT FOR ZONE DESCRIPTIONS AND INDEX MAP
THE INFORMATION DEPICTED ON THIS MAP AND SUPPORTING DOCUMENTATION ARE ALSO AVAILABLE IN DIGITAL FORMAT AT
HTTPS://MSC.FEMA.GOV
SPECIAL FLOOD HAZARD AREAS
Without Base Flood Elevation (BFE)
With BFE or Depth
Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD
0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile
Future Conditions 1% Annual Chance Flood Hazard
Area with Reduced Flood Risk due to Levee
OTHER AREAS
Areas Determined to be Outside the 0.2% Annual Chance Floodplain
Area of Undetermined Flood Hazard
GENERAL STRUCTURES
Channel, Culvert, or Storm Sewer
Levee, Dike, or Floodwall
Cross Sections with 1% Annual Chance Water Surface Elevation (BFE)
Coastal Transect
Coastal Transect Baseline
Profile Baseline
Hydrographic Feature
Base Flood Elevation Line (BFE)
OTHER FEATURES
Limit of Study
Jurisdiction Boundary
NOTES TO USERS
SCALE
1 inch = 500 feet
1:6,000
Feet
Meters
PANEL LOCATOR
FEMA
National Flood Insurance Program
NATIONAL FLOOD INSURANCE PROGRAM
FLOOD INSURANCE RATE MAP
GREENE COUNTY, OHIO
PANEL 156 OF 295
COMMUNITY
NUMBER
PANEL
SUFFIX
VERSION NUMBER
2.5.3.5
MAP NUMBER
39057C0156E
MAP REVISED
MARCH 6, 2022


THIS AREA SHOWN AT A
SCALE OF 1" = 500'
ON MAP NUMBER
39057C0156
ZONE AE
ZONE A
Beaver Creek
Shawnee Creek
Massie Creek
Spring Valley Creek
Caesar Creek
Caesar Creek Lake
Caesar Creek Reservoir
Caesar Creek Spillway
Caesar Creek Overflow
Caesar Creek Dam
Caesar Creek Dam - Emb
Caesar Creek Dam - Spillway
Caesar Creek Dam - Overflow
Caesar Creek Dam - Dam
Caesar Creek Dam - Reservoir
Caesar Creek Dam - Lake



FLOOD HAZARD INFORMATION

SEE FIS REPORT FOR ZONE DESCRIPTIONS AND INDEX MAP
THE INFORMATION DEPICTED ON THIS MAP AND SUPPORTING DOCUMENTATION ARE ALSO AVAILABLE IN DIGITAL FORMAT AT
HTTPS://MSC.FEMA.GOV

SPECIAL FLOOD HAZARD AREAS	Without Base Flood Elevation (BFE) Zone A, A99 With BFE or Depth Zone AE, AO, AH, VE, AR Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD	0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X Future Conditions 1% Annual Chance Flood Hazard Zone X Area with Reduced Flood Risk due to Levee See Notes. Zone X
OTHER AREAS	NO SCREEN Areas Determined to be Outside the 0.2% Annual Chance Floodplain Zone X Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES	Channel, Culvert, or Storm Sewer Levee, Dike, or Floodwall
OTHER FEATURES	17.5 Cross Sections with 1% Annual Chance Water Surface Elevation (BFE) Coastal Transect Coastal Transect Baseline Profile Baseline Hydrographic Feature Base Flood Elevation Line (BFE) Limit of Study Jurisdiction Boundary

NOTES TO USERS

SCALE

1 inch = 1,000 feet 1:12,000
0 1,000 2,000 4,000 Feet
0 255 510 1,020 Meters

PANEL LOCATOR

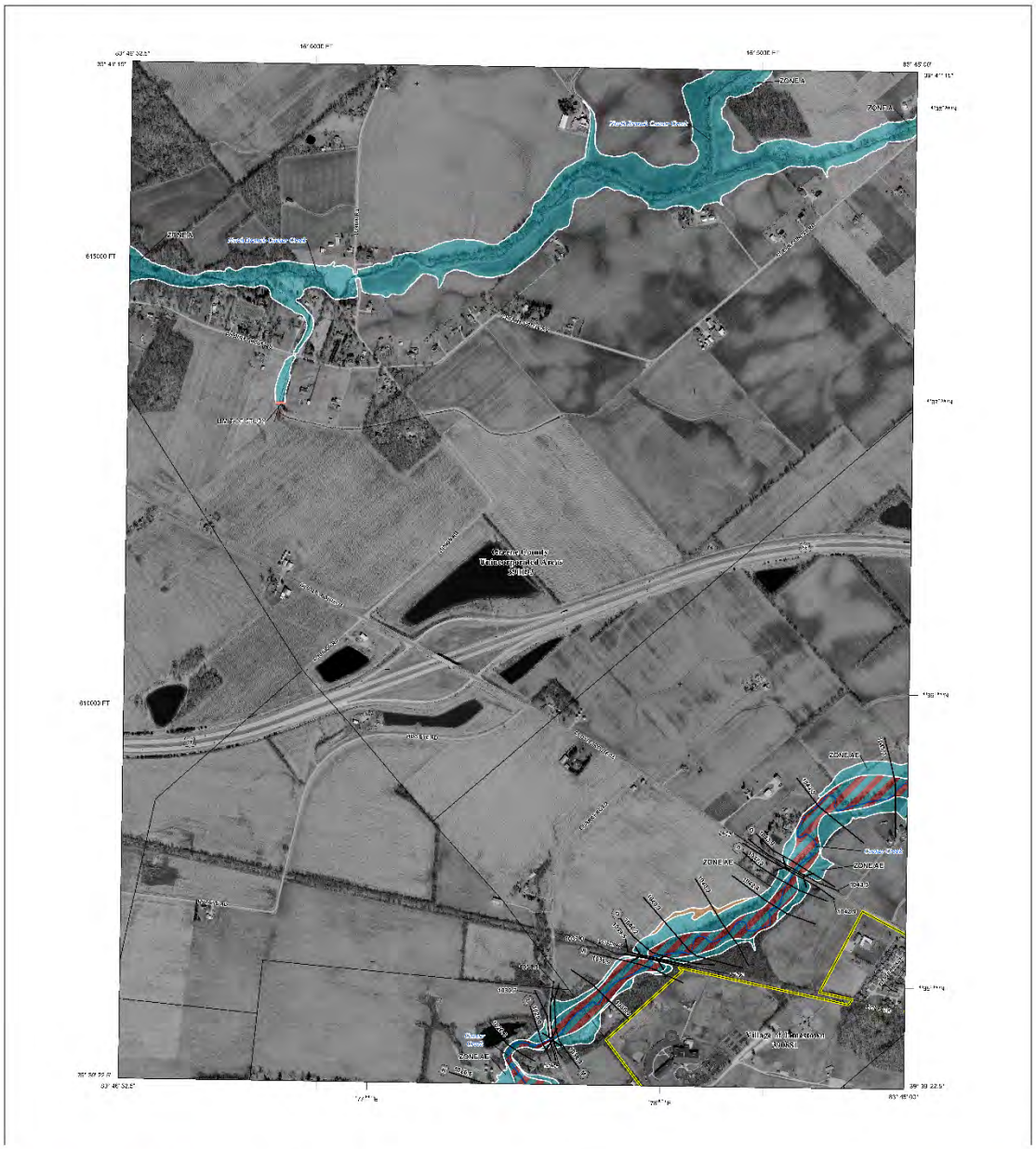
PANEL NOT PRINTED

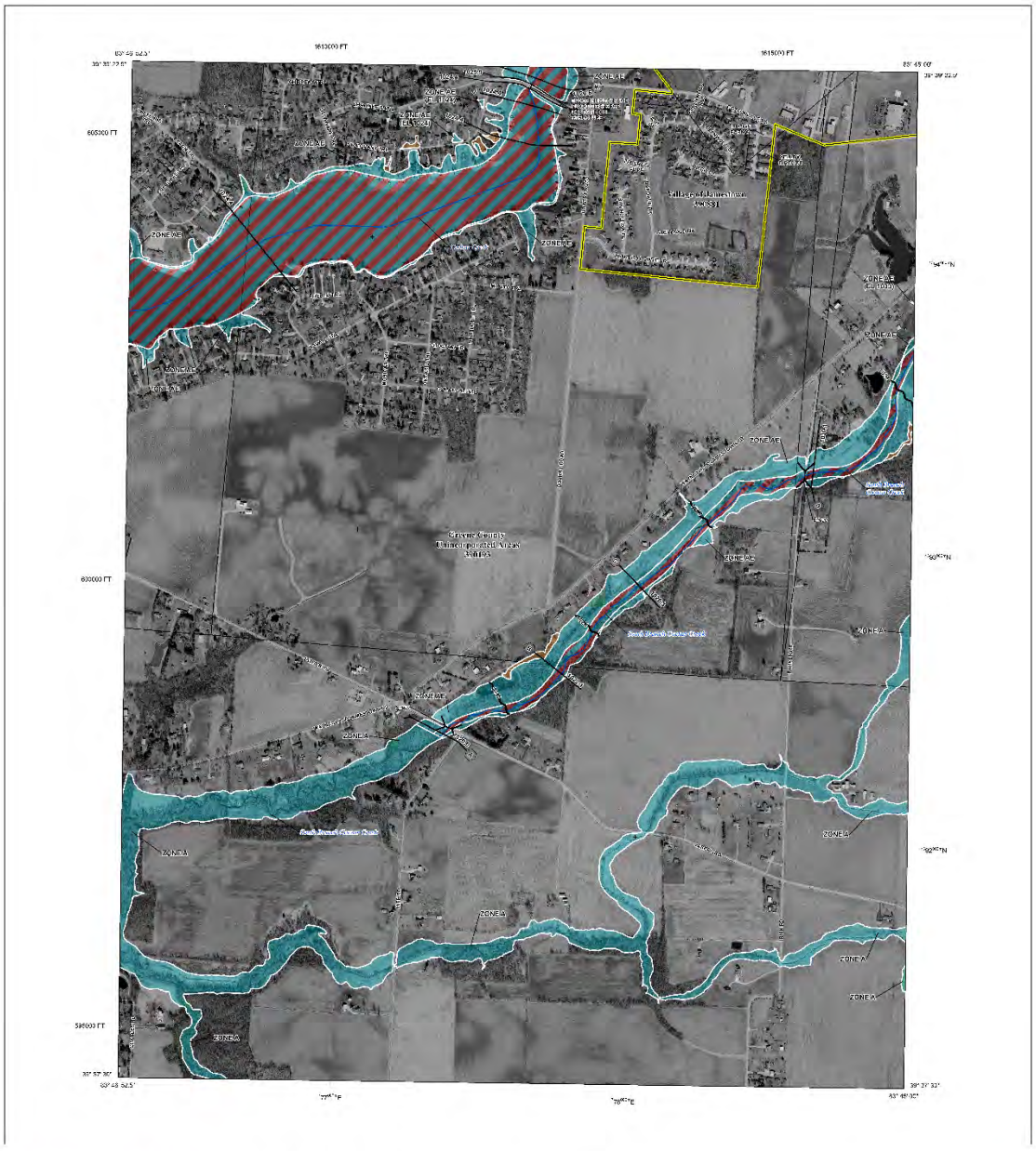
FEMA
National Flood Insurance Program

NATIONAL FLOOD INSURANCE PROGRAM
FLOOD INSURANCE RATE MAP
GREENE COUNTY, OHIO
PANEL 165 OF 295

COMMUNITY	NUMBER	PANEL	SUFFIX
GREENE COUNTY	390570	0165	E

VERSION NUMBER
2.5.3.5
MAP NUMBER
39057C0165E
MAP REVISED
MARCH 8, 2022


ZONE A
ZONE AE
ZONE AE
ZONE AE
ZONE AE
ZONE AE
North Branch Center Creek
North Branch Center Creek
Center Creek
Center Creek
Center Creek
615000 FT
610000 FT
Village of Jamestown
JOHNN
FLOOD HAZARD INFORMATION
SEE FIS REPORT FOR ZONE DESCRIPTIONS AND INDEX MAP
THE INFORMATION DEPICTED ON THIS MAP AND SUPPORTING DOCUMENTATION ARE ALSO AVAILABLE IN DIGITAL FORMAT AT
HTTPS://MSC.FEMA.GOV
SPECIAL FLOOD HAZARD AREAS
Without Base Flood Elevation (BFE)
Zone A, V, A99
With BFE or Depth Zone AE, AO, AH, VE, AR
Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD
0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
Future Conditions 1% Annual Chance Flood Hazard Zone X
Area with Reduced Flood Risk due to Levee See Notes. Zone X
OTHER AREAS
NO SCREEN
Areas Determined to be Outside the 0.2% Annual Chance Floodplain Zone X
Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES
Channel, Culvert, or Storm Sewer
Levee, Dike, or Floodwall
OTHER FEATURES
Cross Sections with 1% Annual Chance Water Surface Elevation (BFE)
Coastal Transect
Coastal Transect Baseline
Profile Baseline
Hydrographic Feature
Base Flood Elevation Line (BFE)
Limit of Study
Jurisdiction Boundary
NOTES TO USERS
SCALE
1 inch = 500 feet
1:6,000
0 500 1,000 2,000 Feet
0 125 250 500 Meters
PANEL LOCATOR
0163
0160
0157
0176
0169
0188
GREENE COUNTY
NATIONAL FLOOD INSURANCE PROGRAM
FLOOD INSURANCE RATE MAP
GREENE COUNTY, OHIO
PANEL 167 OF 295
FEMA
National Flood Insurance Program
COMMUNITY
NUMBER
PANEL
SUFFIX
VERSION NUMBER
2.5.3.5
MAP NUMBER
39057C0167E
MAP REVISED
MARCH 6, 2022



FLOOD HAZARD INFORMATION

SEE FIS REPORT FOR ZONE DESCRIPTIONS AND INDEX MAP
THE INFORMATION DEPICTED ON THIS MAP AND SUPPORTING DOCUMENTATION ARE ALSO AVAILABLE IN DIGITAL FORMAT AT
HTTPS://MSC.FEMA.GOV

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) Zone A, A99
- With BFE or Depth Zone AE, AO, AH, VE, AR
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
- Future Conditions 1% Annual Chance Flood Hazard Zone X
- Area with Reduced Flood Risk due to Levee See Notes. Zone X

OTHER AREAS
- NO SCREEN Areas Determined to be Outside the 0.2% Annual Chance Floodplain Zone X
- Area of Undetermined Flood Hazard Zone D

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 17.5 / 16.2 Cross Sections with 1% Annual Chance Water Surface Elevation (BFE)
- Coastal Transect
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary

NOTES TO USERS

SCALE

1 inch = 500 feet 1:6,000
0 500 1,000 2,000 Feet
0 125 250 500 Meters

PANEL LOCATOR

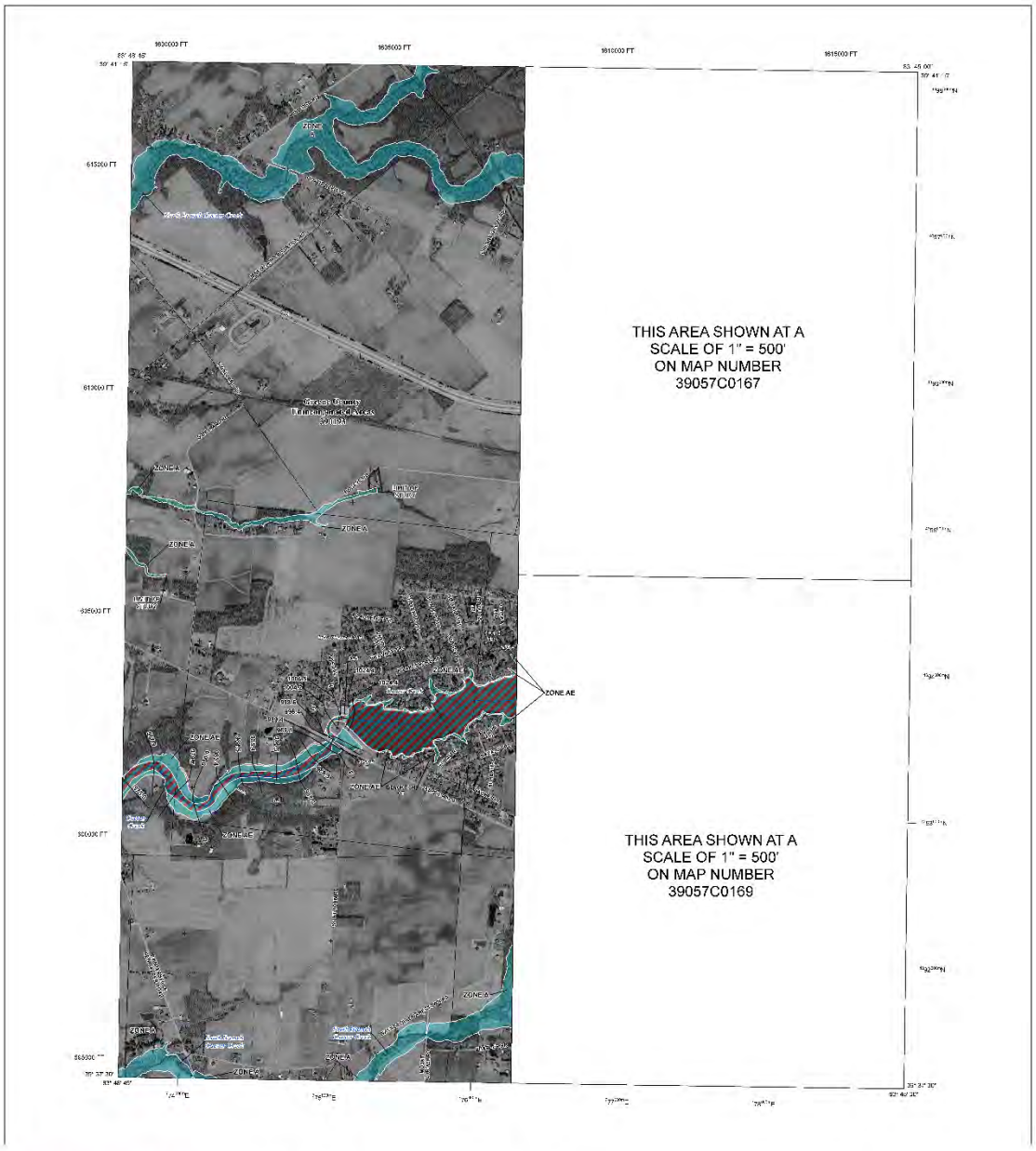
0157 0156 0170 0169 0165 0230 0235
PANEL NOT PRINTED

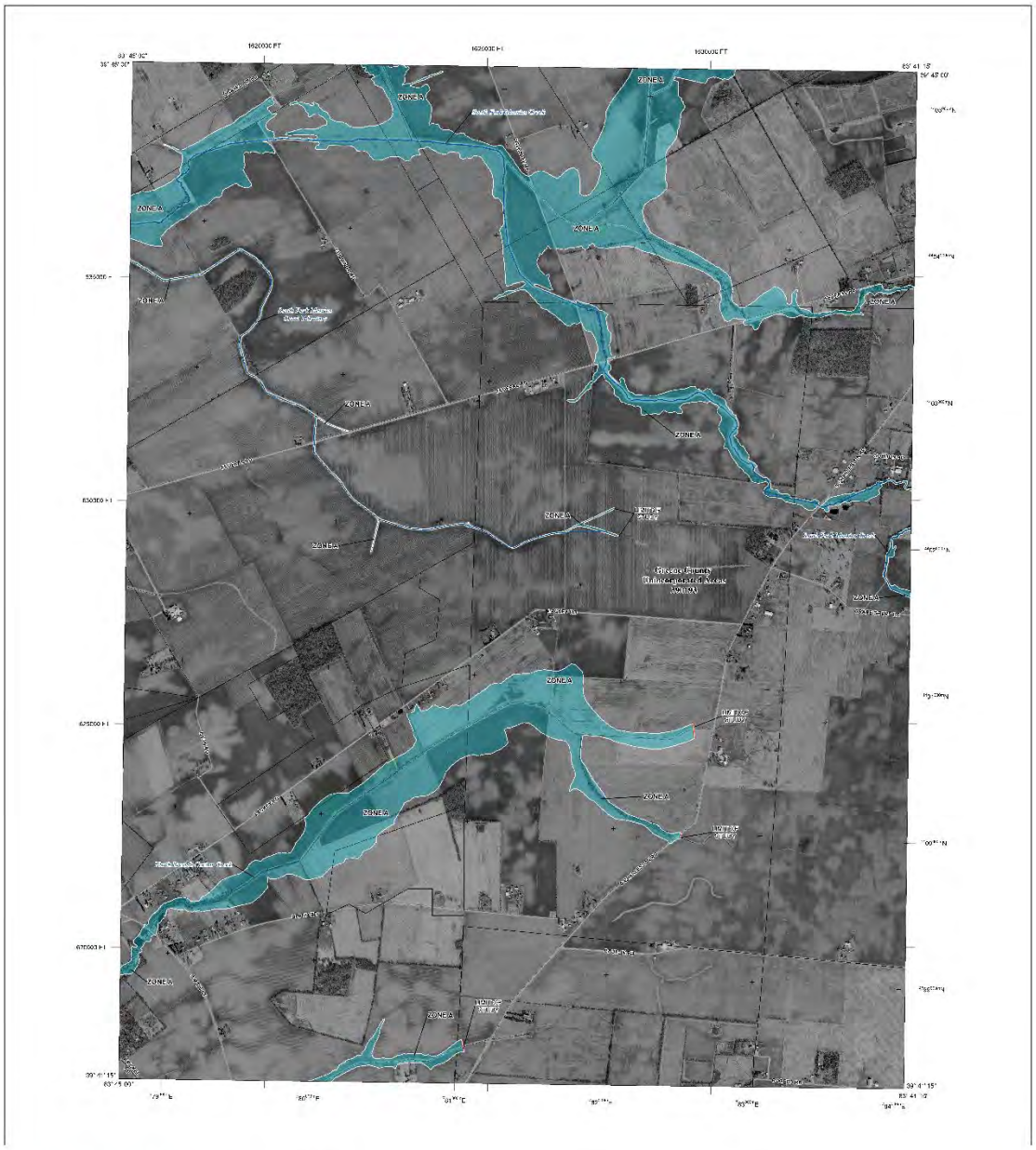
National Flood Insurance Program

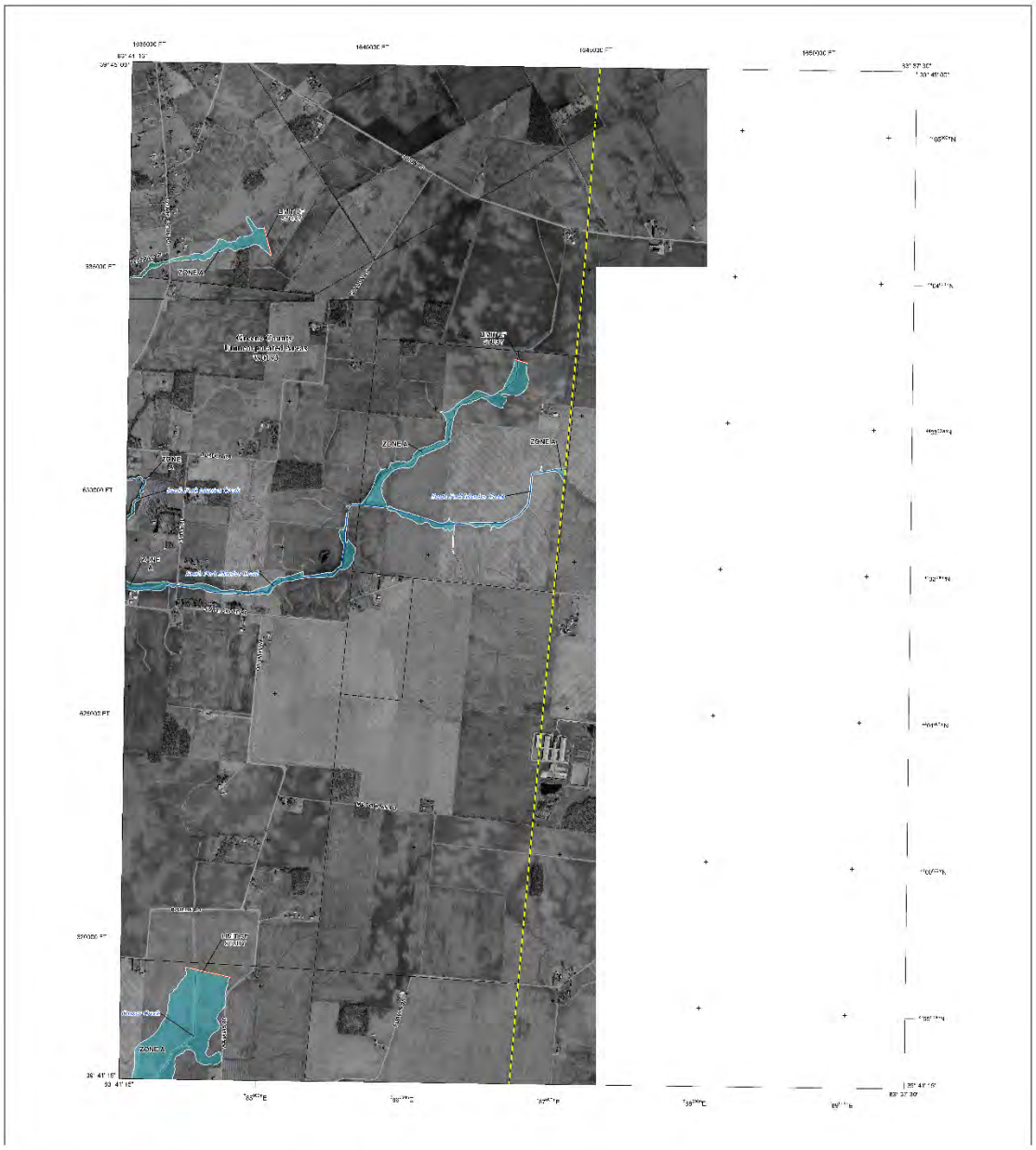
NATIONAL FLOOD INSURANCE PROGRAM
FLOOD INSURANCE RATE MAP
GREENE COUNTY, OHIO
PANEL 169 OF 295

COMMUNITY	NUMBER	PANEL	SUFFIX
GREENE COUNTY	390570	0169	E
MIAMI TWP., UNINCORPORATED AREA	390669	0169	E
XENIA	390170	0169	E

VERSION NUMBER
2.5.3.5
MAP NUMBER
39057C0169E
MAP REVISED
MARCH 6, 2022


THIS AREA SHOWN AT A
SCALE OF 1" = 500'
ON MAP NUMBER
39057C0167
THIS AREA SHOWN AT A
SCALE OF 1" = 500'
ON MAP NUMBER
39057C0169
ZONE AE
ZONE A
FLOOD HAZARD INFORMATION
SEE FIS REPORT FOR ZONE DESCRIPTIONS AND INDEX MAP
THE INFORMATION DEPICTED ON THIS MAP AND SUPPORTING DOCUMENTATION ARE ALSO AVAILABLE IN DIGITAL FORMAT AT
HTTPS://MSC.FEMA.GOV
SPECIAL FLOOD HAZARD AREAS
Without Base Flood Elevation (BFE)
With BFE or Depth
Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD
0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile
Future Conditions 1% Annual Chance Flood Hazard
Area with Reduced Flood Risk due to Levee
OTHER AREAS
Areas Determined to be Outside the 0.2% Annual Chance Floodplain
Area of Undetermined Flood Hazard
GENERAL STRUCTURES
Channel, Culvert, or Storm Sewer
Levee, Dike, or Floodwall
OTHER FEATURES
Cross Sections with 1% Annual Chance
Water Surface Elevation (BFE)
Coastal Transect
Coastal Transect Baseline
Profile Baseline
Hydrographic Feature
Base Flood Elevation Line (BFE)
Limit of Study
Jurisdiction Boundary
NOTES TO USERS
SCALE
1 Inch = 1,000 feet
1:12,000
PANEL LOCATOR
FEMA
National Flood Insurance Program
NATIONAL FLOOD INSURANCE PROGRAM
FLOOD INSURANCE RATE MAP
GREENE COUNTY, OHIO
PANEL 170 OF 295
COMMUNITY
NUMBER
PANEL
SUFFIX
VERSION NUMBER
2.5.3.5
MAP NUMBER
39057C0170E
MAP REVISED
MARCH 5, 2022


ZONE A
South Fork Massie Creek
North Fork Massie Creek
Greene County Unincorporated Areas
390157
1 inch = 1,000 feet
1:12,000
0 1,000 2,000 4,000 Feet
0 255 510 1,020 Meters
FLOOD HAZARD INFORMATION
SEE FIS REPORT FOR ZONE DESCRIPTIONS AND INDEX MAP
THE INFORMATION DEPICTED ON THIS MAP AND SUPPORTING DOCUMENTATION ARE ALSO AVAILABLE IN DIGITAL FORMAT AT
HTTPS://MSC.FEMA.GOV
SPECIAL FLOOD HAZARD AREAS
Without Base Flood Elevation (BFE)
With BFE or Depth
Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD
0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile
Future Conditions 1% Annual Chance Flood Hazard
Area with Reduced Flood Risk due to Levee
OTHER AREAS
NO SCREEN
Areas Determined to be Outside the 0.2% Annual Chance Floodplain
Area of Undetermined Flood Hazard
GENERAL STRUCTURES
Channel, Culvert, or Storm Sewer
Levee, Dike, or Floodwall
OTHER FEATURES
Cross Sections with 1% Annual Chance Water Surface Elevation (BFE)
Coastal Transect
Coastal Transect Baseline
Profile Baseline
Hydrographic Feature
Base Flood Elevation Line (BFE)
Limit of Study
Jurisdiction Boundary
NOTES TO USERS
SCALE
PANEL LOCATOR
PANEL NOT PRINTED
FEMA
National Flood Insurance Program
NATIONAL FLOOD INSURANCE PROGRAM
FLOOD INSURANCE RATE MAP
GREENE COUNTY, OHIO
PANEL 180 OF 295
COMMUNITY NUMBER PANEL SUFFIX
VERSION NUMBER
2.5.3.5
MAP NUMBER
39057C0180E
MAP REVISED
MARCH 8, 2022



FLOOD HAZARD INFORMATION

SEE FIS REPORT FOR ZONE DESCRIPTIONS AND INDEX MAP
THE INFORMATION DEPICTED ON THIS MAP AND SUPPORTING DOCUMENTATION ARE ALSO AVAILABLE IN DIGITAL FORMAT AT
HTTPS://MSC.FEMA.GOV

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) Zone A, A99
- With BFE or Depth Zone AE, AO, AH, VE, AR
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
- Future Conditions 1% Annual Chance Flood Hazard Zone X
- Area with Reduced Flood Risk due to Levee See Notes. Zone X

OTHER AREAS
- NO SCREEN Areas Determined to be Outside the 0.2% Annual Chance Floodplain Zone X
- Area of Undetermined Flood Hazard Zone D

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

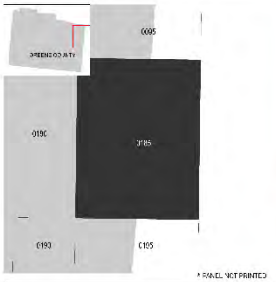
OTHER FEATURES
- 18.2 / 17.5 Cross Sections with 1% Annual Chance Water Surface Elevation (BFE)
- Coastal Transect
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary

NOTES TO USERS

SCALE

1 Inch = 1,000 feet 1:12,000
0 1,000 2,000 4,000 Feet
0 255 510 1,020 Meters

PANEL LOCATOR



* PANEL NOT PRINTED

FEMA
National Flood Insurance Program

NATIONAL FLOOD INSURANCE PROGRAM
FLOOD INSURANCE RATE MAP
GREENE COUNTY, OHIO
PANEL 185 OF 295

COMMUNITY	NUMBER	PANEL	SUFFIX
GREENE COUNTY	390185	0185	E

VERSION NUMBER
2.5.3.5
MAP NUMBER
39057C0185E
MAP REVISED
MARCH 6, 2022

FLOOD HAZARD INFORMATION

SEE FIS REPORT FOR ZONE DESCRIPTIONS AND INDEX MAP
THE INFORMATION DEPICTED ON THIS MAP AND SUPPORTING DOCUMENTATION ARE ALSO AVAILABLE IN DIGITAL FORMAT AT
HTTPS://MSC.FEMA.GOV

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) Zone A, A99
- With BFE or Depth Zone AE, AO, AH, VE, AR
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
- Future Conditions 1% Annual Chance Flood Hazard Zone X
- Area with Reduced Flood Risk due to Levee See Notes. Zone X

OTHER AREAS
- NO SCREEN — Areas Determined to be Outside the 0.2% Annual Chance Floodplain Zone X
- Area of Undetermined Flood Hazard Zone D

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 18.2 / 17.5 — Cross Sections with 1% Annual Chance Water Surface Elevation (BFE)
- Coastal Transect
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary

NOTES TO USERS

SCALE

1 inch = 500 feet 1:6,000
0 500 1,000 2,000 Feet
0 125 250 500 Meters

PANEL LOCATOR

PANEL NOT PRINTED

FEMA
National Flood Insurance Program

NATIONAL FLOOD INSURANCE PROGRAM
FLOOD INSURANCE RATE MAP
GREENE COUNTY, OHIO
PANEL 186 OF 295

COMMUNITY	NUMBER	PANEL	SUFFIX
GREENE COUNTY	390193	0186	E
MIAMI TOWNSHIP	390193	0186	E

VERSION NUMBER
2.5.3.5
MAP NUMBER
39057C0186E
MAP REVISED
MARCH 6, 2022

FLOOD HAZARD INFORMATION

SEE FIS REPORT FOR ZONE DESCRIPTIONS AND INDEX MAP
THE INFORMATION DEPICTED ON THIS MAP AND SUPPORTING DOCUMENTATION ARE ALSO AVAILABLE IN DIGITAL FORMAT AT
HTTPS://MSC.FEMA.GOV

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) Zone A, V, A99
- With BFE or Depth Zone AE, AO, AH, VE, AR
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
- Future Conditions 1% Annual Chance Flood Hazard Zone X
- Area with Reduced Flood Risk due to Levee See Notes. Zone X

OTHER AREAS
- NO SCREEN Areas Determined to be Outside the 0.2% Annual Chance Floodplain Zone X
- Area of Undetermined Flood Hazard Zone D

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 18.2 / 17.5 Cross Sections with 1% Annual Chance Water Surface Elevation (BFE)
- Coastal Transect
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary

NOTES TO USERS

SCALE

1 inch = 500 feet 1:6,000
0 500 1,000 2,000 Feet
0 125 250 500 Meters

PANEL LOCATOR

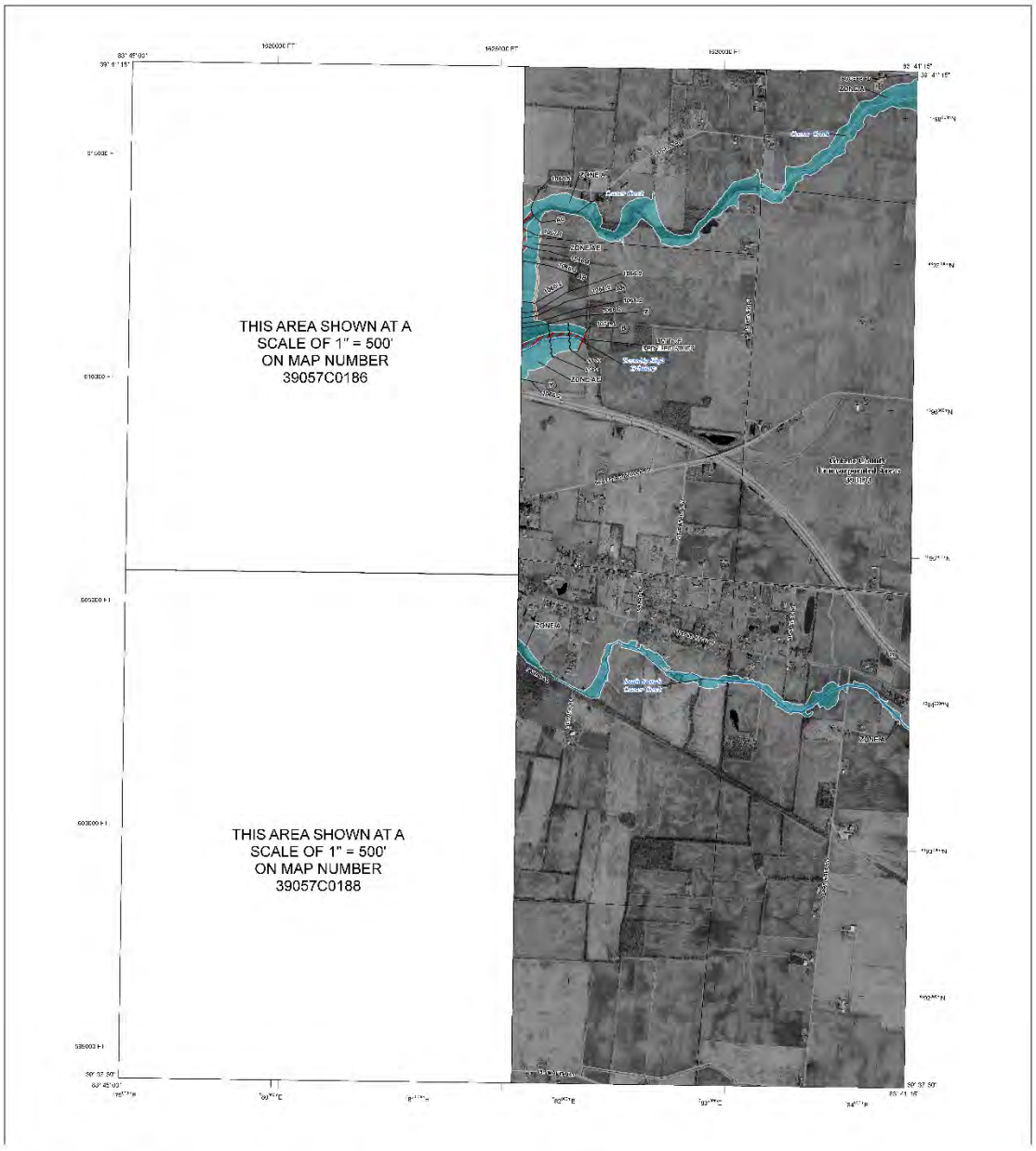
PANEL NOT PRINTED

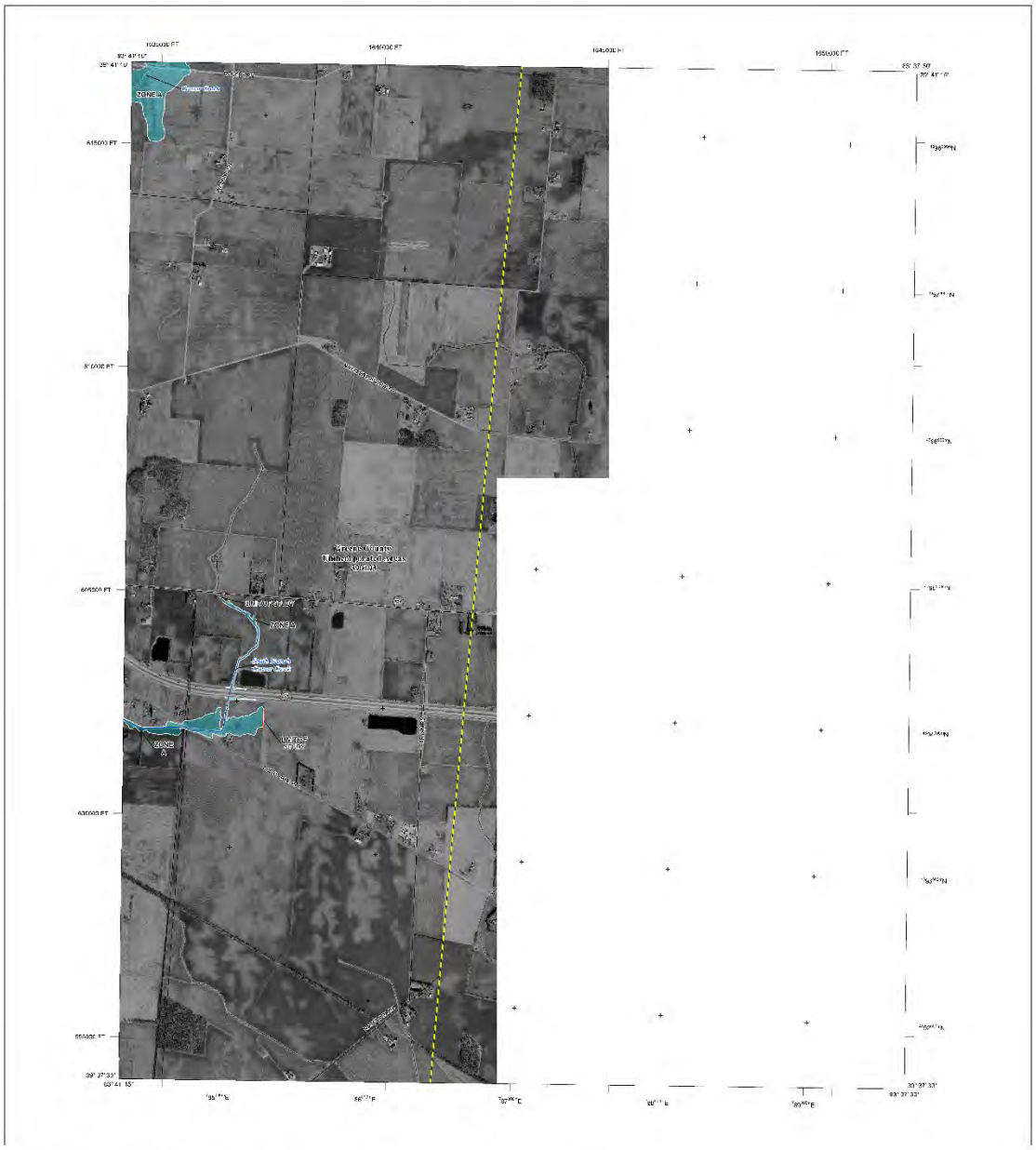
FEMA
National Flood Insurance Program

NATIONAL FLOOD INSURANCE PROGRAM
FLOOD INSURANCE RATE MAP
GREENE COUNTY, OHIO
PANEL 188 OF 295

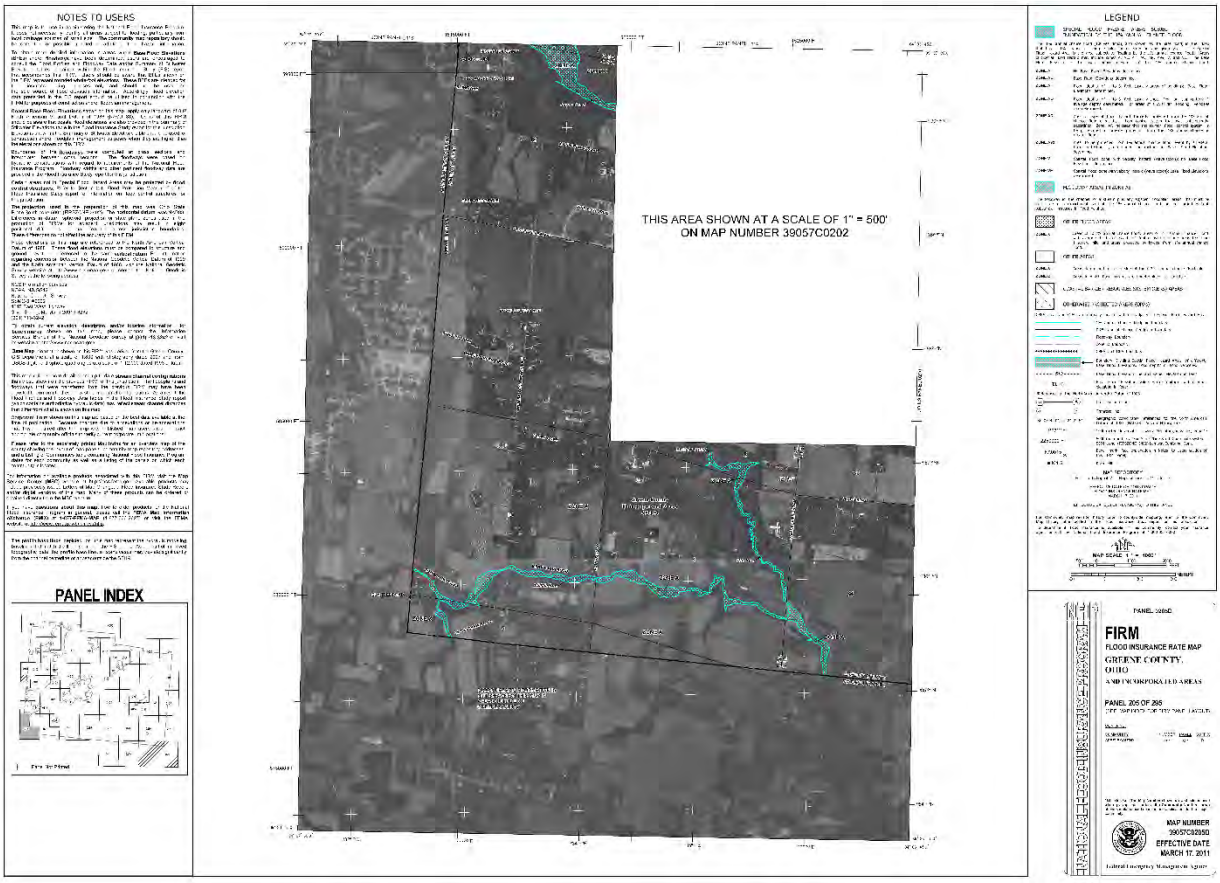
COMMUNITY	NUMBER	PANEL	SUFFIX
GREENE COUNTY	390570	0188	E
MIAMI TWP., UNINCORP.	390669	0188	E

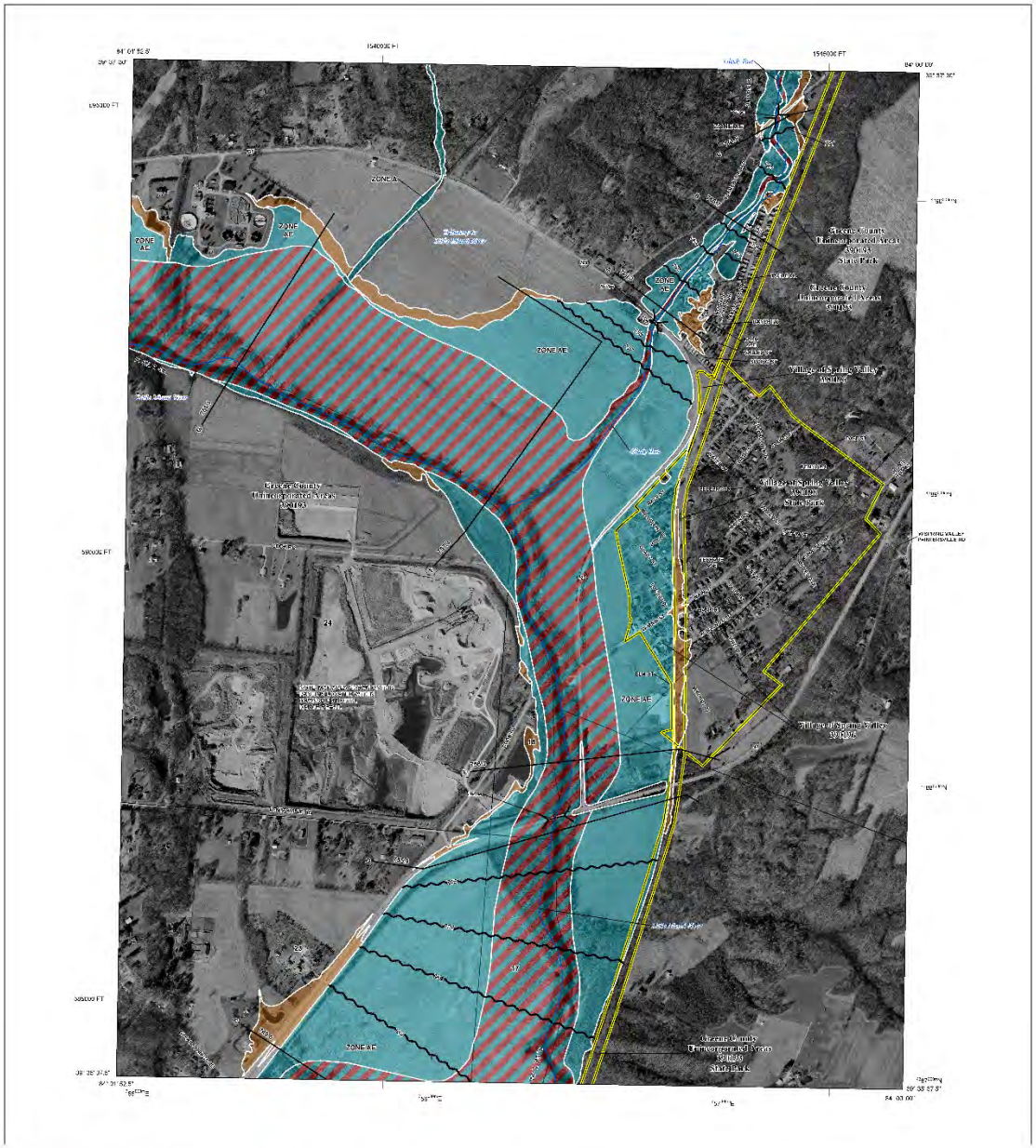
VERSION NUMBER
2.5.3.5
MAP NUMBER
39057C0188E
MAP REVISED
MARCH 6, 2022


THIS AREA SHOWN AT A
SCALE OF 1" = 500'
ON MAP NUMBER
39057C0186
THIS AREA SHOWN AT A
SCALE OF 1" = 500'
ON MAP NUMBER
39057C0188
FLOOD HAZARD INFORMATION
SEE FIS REPORT FOR ZONE DESCRIPTIONS AND INDEX MAP
THE INFORMATION DEPICTED ON THIS MAP AND SUPPORTING DOCUMENTATION ARE ALSO AVAILABLE IN DIGITAL FORMAT AT
HTTPS://MSC.FEMA.GOV
SPECIAL FLOOD HAZARD AREAS
Without Base Flood Elevation (BFE)
With BFE or Depth
Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD
0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile
Future Conditions 1% Annual Chance Flood Hazard
Area with Reduced Flood Risk due to Levee
OTHER AREAS
NO SCREEN
Areas Determined to be Outside the 0.2% Annual Chance Floodplain
Area of Undetermined Flood Hazard
GENERAL STRUCTURES
Channel, Culvert, or Storm Sewer
Levee, Dike, or Floodwall
OTHER FEATURES
Cross Sections with 1% Annual Chance Water Surface Elevation (BFE)
Coastal Transect
Coastal Transect Baseline
Profile Baseline
Hydrographic Feature
Base Flood Elevation Line (BFE)
Limit of Study
Jurisdiction Boundary
NOTES TO USERS
SCALE
1 Inch = 1,000 feet
1:12,000
PANEL LOCATOR
PANEL NOT PRINTED
FEMA
National Flood Insurance Program
NATIONAL FLOOD INSURANCE PROGRAM
FLOOD INSURANCE RATE MAP
GREENE COUNTY, OHIO
PANEL 190 OF 295
COMMUNITY
NUMBER
PANEL
SUFFIX
VERSION NUMBER
2.5.3.5
MAP NUMBER
39057C0190E
MAP REVISED
MARCH 5, 2022


ZONE A
ZONE A
ZONE A
Beaver Creek
Beaver Creek
Beaver Creek

City of Bellbrook
390194
Sugar Creek
Greene County
Unincorporated Areas
390193
FLOOD HAZARD INFORMATION
SEE FIS REPORT FOR ZONE DESCRIPTIONS AND INDEX MAP
THE INFORMATION DEPICTED ON THIS MAP AND SUPPORTING DOCUMENTATION ARE ALSO AVAILABLE IN DIGITAL FORMAT AT
HTTPS://MSC.FEMA.GOV
SPECIAL FLOOD HAZARD AREAS
Without Base Flood Elevation (BFE)
With BFE or Depth
Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD
0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile
Future Conditions 1% Annual Chance Flood Hazard
Area with Reduced Flood Risk due to Levee
OTHER AREAS
NO SCREEN
Areas Determined to be Outside the 0.2% Annual Chance Floodplain
Area of Undetermined Flood Hazard
GENERAL STRUCTURES
Channel, Culvert, or Storm Sewer
Levee, Dike, or Floodwall
OTHER FEATURES
Cross Sections with 1% Annual Chance Water Surface Elevation (BFE)
Coastal Transect
Coastal Transect Baseline
Profile Baseline
Hydrographic Feature
Base Flood Elevation Line (BFE)
Limit of Study
Jurisdiction Boundary
NOTES TO USERS
SCALE
1 inch = 500 feet
1:6,000
Feet
Meters
PANEL LOCATOR
PANEL NOT PRINTED
FEMA
National Flood Insurance Program
NATIONAL FLOOD INSURANCE PROGRAM
FLOOD INSURANCE RATE MAP
GREENE COUNTY, OHIO
PANEL 202 OF 295
COMMUNITY
NUMBER
PANEL
SUFFIX
VERSION NUMBER
2.5.3.5
MAP NUMBER
39057C0202E
MAP REVISED
MARCH 6, 2022


NOTES TO USERS
PANEL INDEX
THIS AREA SHOWN AT A SCALE OF 1" = 500'
ON MAP NUMBER 39057C0202
LEGEND
FIRM
FLOOD INSURANCE RATE MAP
GREENE COUNTY, OHIO
AND INCORPORATED AREAS
PANEL 205 OF 255
MAP NUMBER
39057C0205D
EFFECTIVE DATE
MARCH 17, 2011



FLOOD HAZARD INFORMATION

SEE FIS REPORT FOR ZONE DESCRIPTIONS AND INDEX MAP
THE INFORMATION DEPICTED ON THIS MAP AND SUPPORTING DOCUMENTATION ARE ALSO AVAILABLE IN DIGITAL FORMAT AT
HTTPS://MSC.FEMA.GOV

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) Zone A, A99
- With BFE or Depth Zone AE, AO, AH, VE, AR
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
- Future Conditions 1% Annual Chance Flood Hazard Zone X
- Area with Reduced Flood Risk due to Levee See Notes. Zone X

OTHER AREAS
- NO SCREEN Areas Determined to be Outside the 0.2% Annual Chance Floodplain Zone X
- Area of Undetermined Flood Hazard Zone D

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 18.2 / 17.5 Cross Sections with 1% Annual Chance Water Surface Elevation (BFE)
- Coastal Transect
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary

NOTES TO USERS

SCALE

1 inch = 500 feet 1:6,000
0 500 1,000 2,000 Feet
0 125 250 500 Meters

PANEL LOCATOR

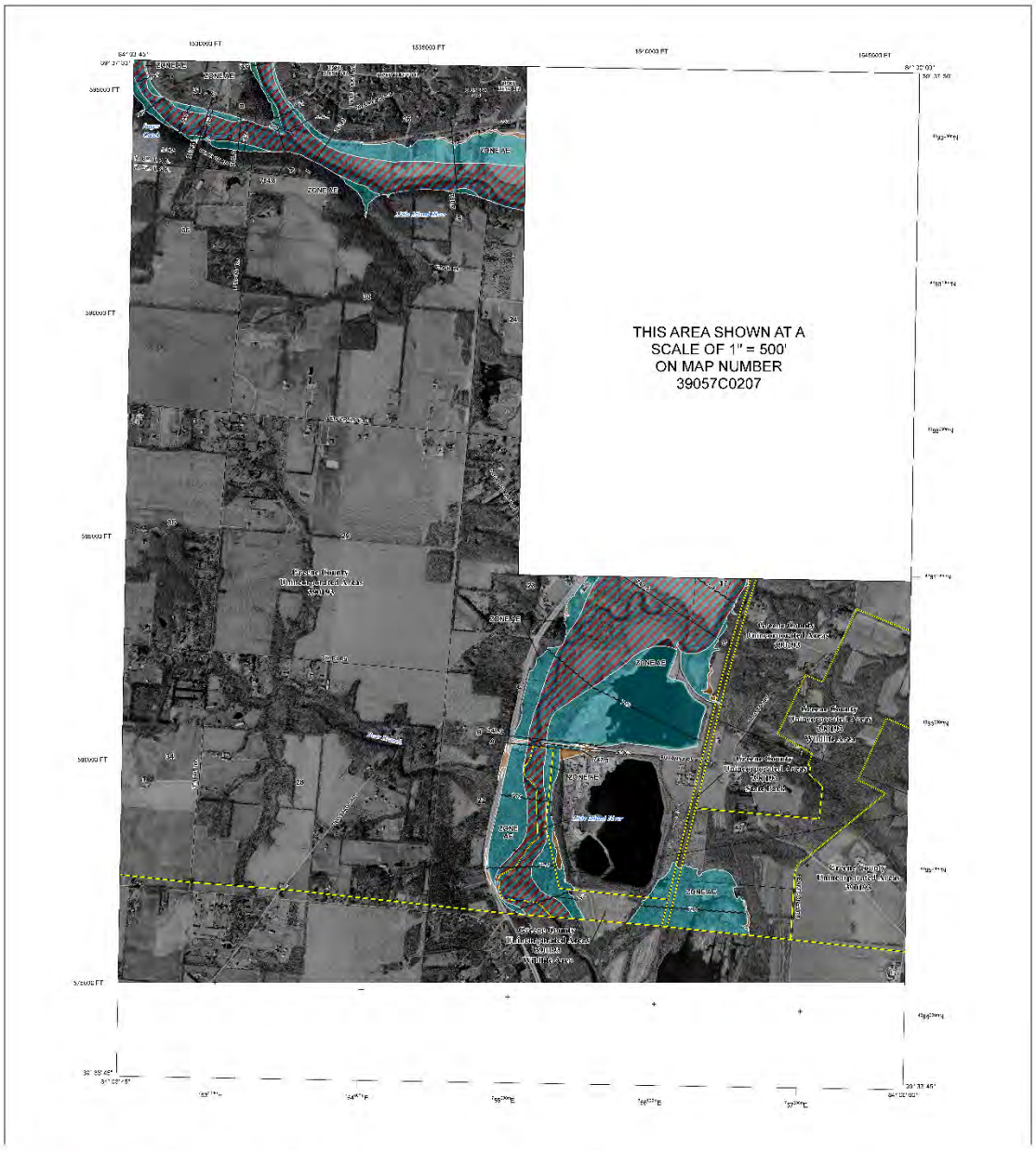
PANEL NOT PRINTED

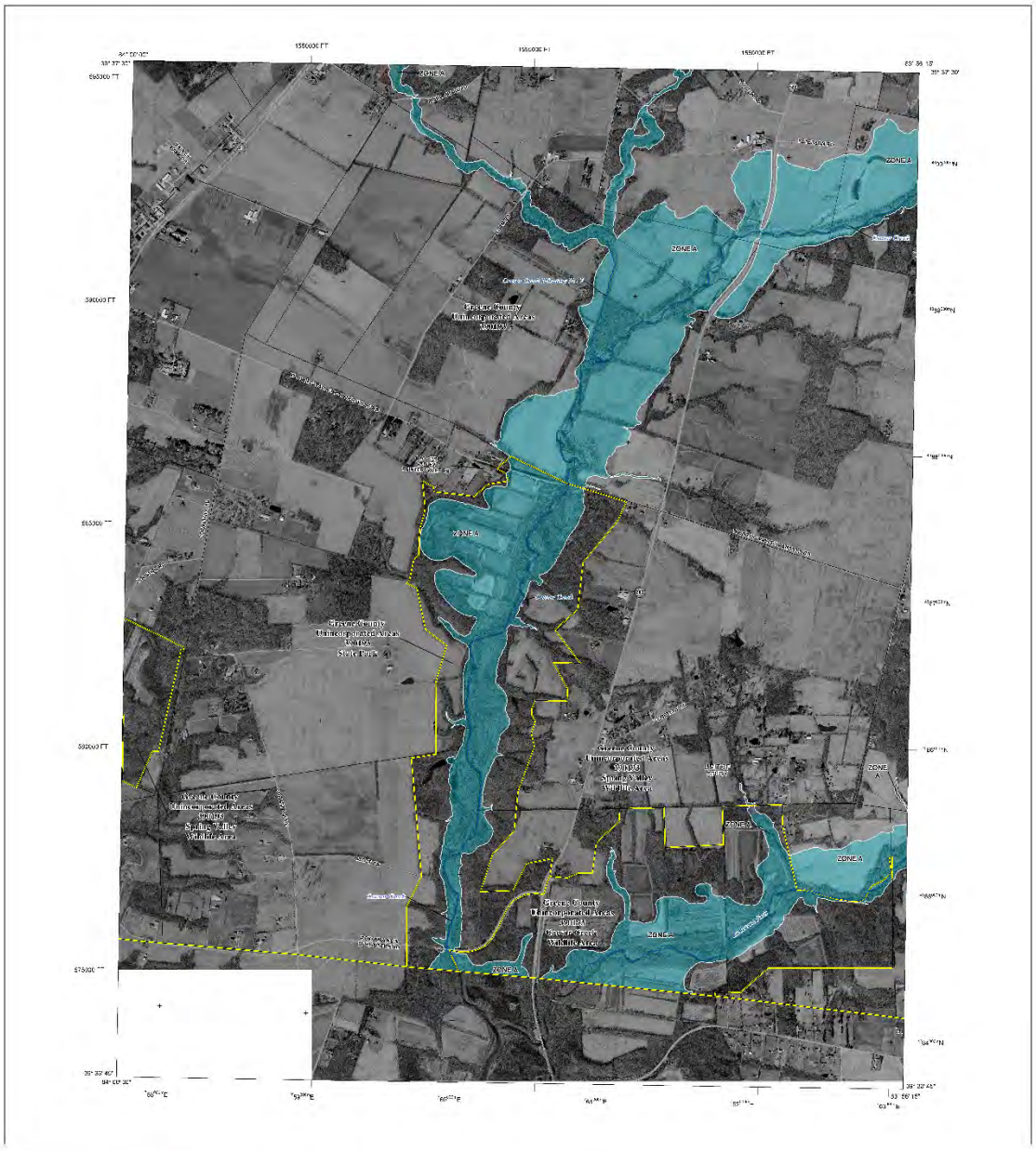
FEMA
National Flood Insurance Program

NATIONAL FLOOD INSURANCE PROGRAM
FLOOD INSURANCE RATE MAP
GREENE COUNTY, OHIO
PANEL 207 OF 295

COMMUNITY	NUMBER	PANEL	SUFFIX
GREENE COUNTY	390570	0207	E
TOWNSHIP 1	390570	0207	E

VERSION NUMBER
2.5.3.5
MAP NUMBER
39057C0207E
MAP REVISED
MARCH 8, 2022


THIS AREA SHOWN AT A
SCALE OF 1" = 500'
ON MAP NUMBER
39057C0207
ZONE AE
FLOOD HAZARD INFORMATION
SEE FIS REPORT FOR ZONE DESCRIPTIONS AND INDEX MAP
THE INFORMATION DEPICTED ON THIS MAP AND SUPPORTING DOCUMENTATION ARE ALSO AVAILABLE IN DIGITAL FORMAT AT
HTTPS://MSC.FEMA.GOV
SPECIAL FLOOD HAZARD AREAS
Without Base Flood Elevation (BFE)
With BFE or Depth
Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD
0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile
Future Conditions 1% Annual Chance Flood Hazard
Area with Reduced Flood Risk due to Levee
OTHER AREAS
NO SCREEN
Area of Undetermined Flood Hazard
GENERAL STRUCTURES
Channel, Culvert, or Storm Sewer
Levee, Dike, or Floodwall
OTHER FEATURES
Cross Sections with 1% Annual Chance
Water Surface Elevation (BFE)
Coastal Transect
Coastal Transect Baseline
Profile Baseline
Hydrographic Feature
Base Flood Elevation Line (BFE)
Limit of Study
Jurisdiction Boundary
NOTES TO USERS
SCALE
1 Inch = 1,000 feet
1:12,000
PANEL LOCATOR
PANEL NOT PRINTED
FEMA
National Flood Insurance Program
NATIONAL FLOOD INSURANCE PROGRAM
FLOOD INSURANCE RATE MAP
GREENE COUNTY, OHIO
PANEL 210 OF 295
COMMUNITY
NUMBER
PANEL
SUFFIX
VERSION NUMBER
2.5.3.5
MAP NUMBER
39057C0210E
MAP REVISED
MARCH 5, 2022



FLOOD HAZARD INFORMATION

SEE FIS REPORT FOR ZONE DESCRIPTIONS AND INDEX MAP
THE INFORMATION DEPICTED ON THIS MAP AND SUPPORTING DOCUMENTATION ARE ALSO AVAILABLE IN DIGITAL FORMAT AT
HTTPS://MSC.FEMA.GOV

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) Zone A, AO
- With BFE or Depth Zone AE, AO, AH, VE, AR
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
- Future Conditions 1% Annual Chance Flood Hazard Zone X
- Area with Reduced Flood Risk due to Levee See Notes. Zone X

OTHER AREAS
- NO SCREEN Areas Determined to be Outside the 0.2% Annual Chance Floodplain Zone X
- Area of Undetermined Flood Hazard Zone D

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 17.5 / 16.5 Cross Sections with 1% Annual Chance Water Surface Elevation (BFE)
- Coastal Transect
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary

NOTES TO USERS

SCALE

1 inch = 1,000 feet 1:12,000
0 1,000 2,000 4,000 Feet
0 255 510 1,020 Meters

PANEL LOCATOR

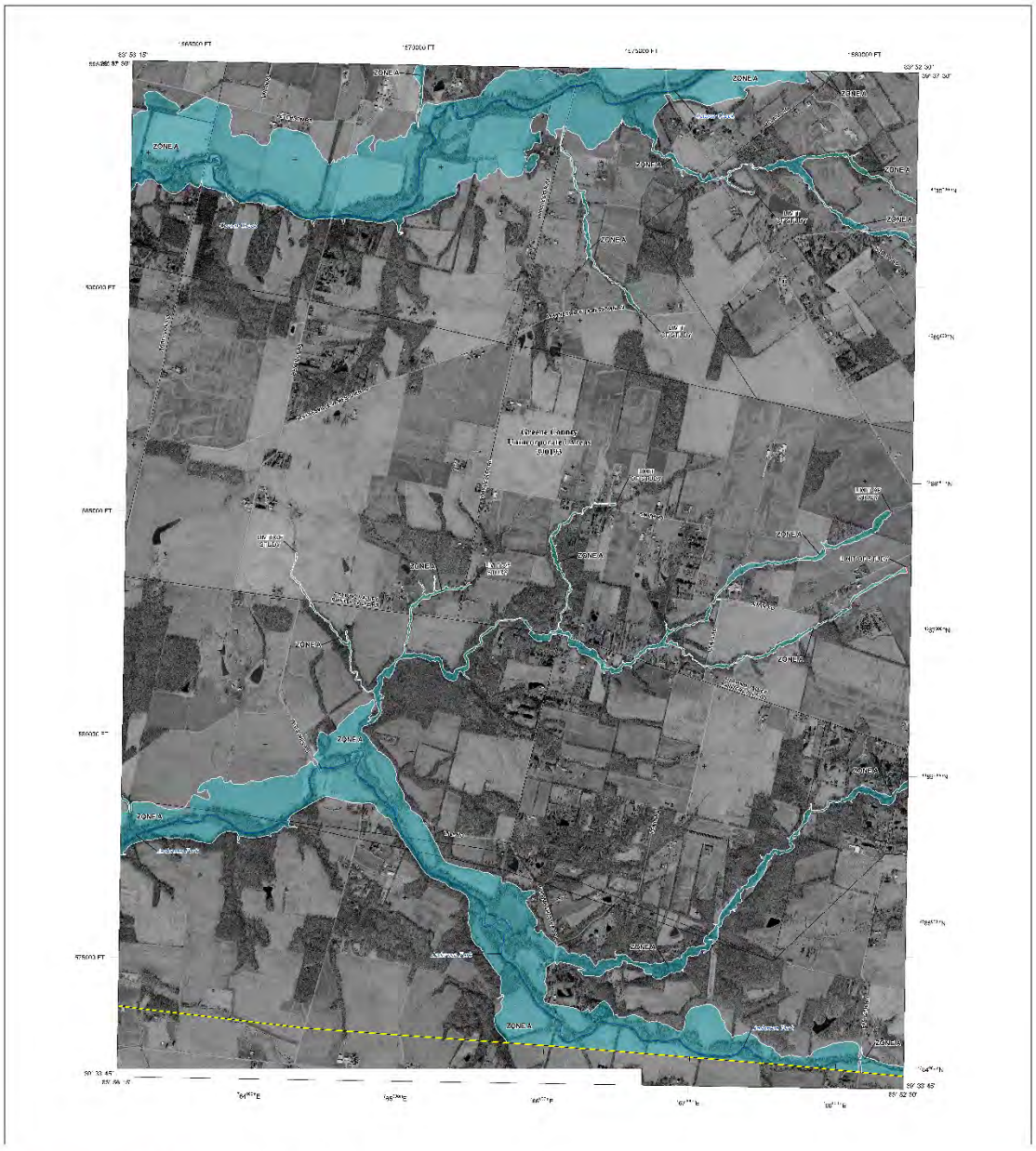
* PANEL NOT PRINTED

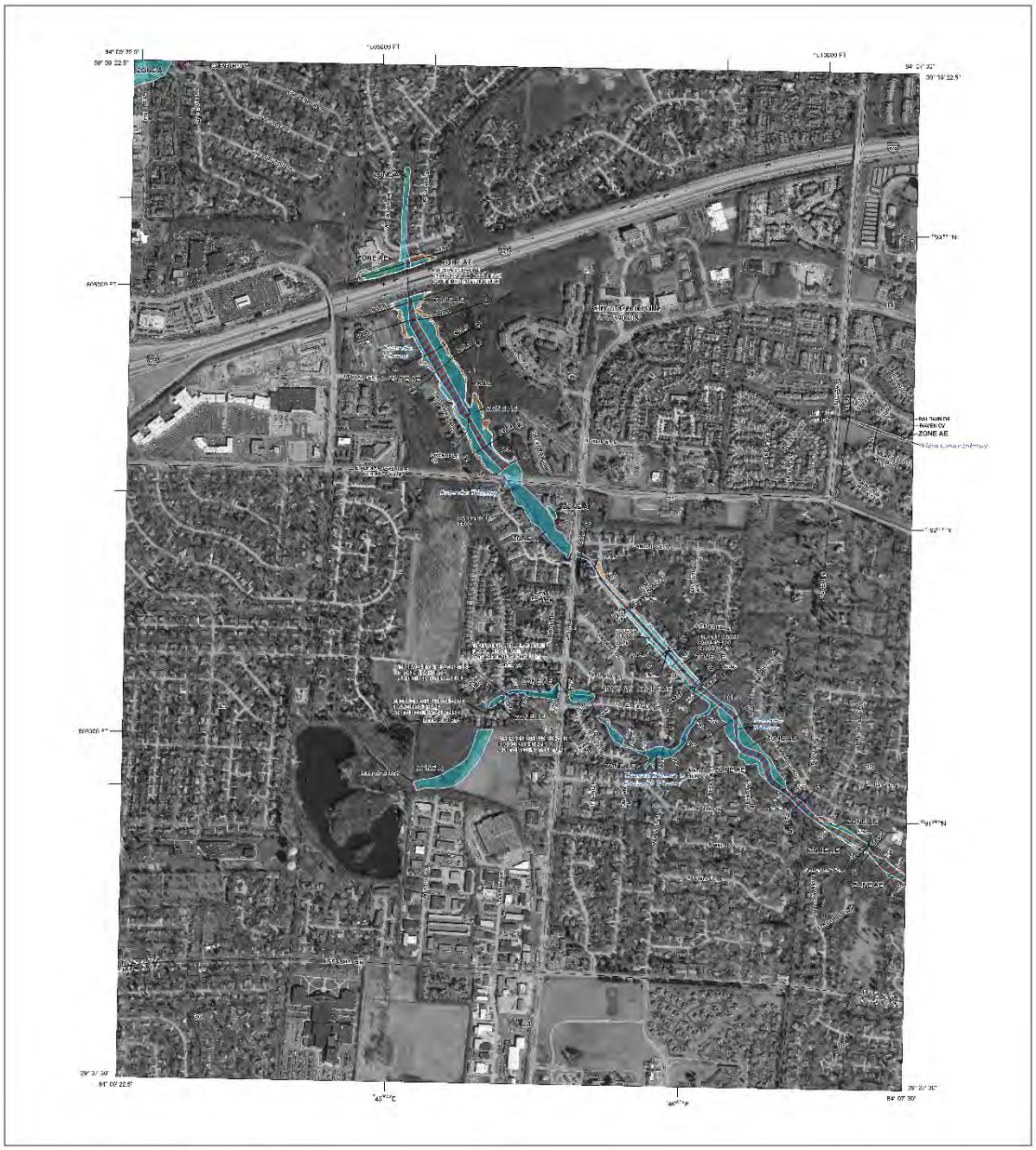
FEMA
National Flood Insurance Program

NATIONAL FLOOD INSURANCE PROGRAM
FLOOD INSURANCE RATE MAP
GREENE COUNTY, OHIO
PANEL 230 OF 295

COMMUNITY	NUMBER	PANEL	SUFFIX
GREENE COUNTY	390570	0230	E

VERSION NUMBER
2.5.3.5
MAP NUMBER
39057C0230E
MAP REVISED
MARCH 8, 2022


ZONE A
Caesar Creek
Little Miami River
Anderson Fork
Greene County Transportation Building
FLOOD HAZARD INFORMATION
SEE FIS REPORT FOR ZONE DESCRIPTIONS AND INDEX MAP
THE INFORMATION DEPICTED ON THIS MAP AND SUPPORTING DOCUMENTATION ARE ALSO AVAILABLE IN DIGITAL FORMAT AT
HTTPS://MSC.FEMA.GOV
SPECIAL FLOOD HAZARD AREAS
Without Base Flood Elevation (BFE)
With BFE or Depth
Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD
0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile
Future Conditions 1% Annual Chance Flood Hazard
Area with Reduced Flood Risk due to Levee
OTHER AREAS
NO SCREEN
Areas Determined to be Outside the 0.2% Annual Chance Floodplain
Area of Undetermined Flood Hazard
GENERAL STRUCTURES
Channel, Culvert, or Storm Sewer
Levee, Dike, or Floodwall
OTHER FEATURES
Cross Sections with 1% Annual Chance Water Surface Elevation (BFE)
Coastal Transect
Coastal Transect Baseline
Profile Baseline
Hydrographic Feature
Base Flood Elevation Line (BFE)
Limit of Study
Jurisdiction Boundary
NOTES TO USERS
SCALE
1 inch = 1,000 feet
1:12,000
PANEL LOCATOR
FEMA
National Flood Insurance Program
NATIONAL FLOOD INSURANCE PROGRAM
FLOOD INSURANCE RATE MAP
GREENE COUNTY, OHIO
PANEL 235 OF 295
COMMUNITY
NUMBER
PANEL
SUFFIX
VERSION NUMBER
2.5.3.5
MAP NUMBER
39057C0235E
MAP REVISED
MARCH 5, 2022



FLOOD HAZARD INFORMATION

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

THE INFORMATION DEPICTED ON THIS MAP AND SUPPORTING DOCUMENTATION ARE ALSO AVAILABLE IN DIGITAL FORMAT AT HTTPS://MSC.FEMA.GOV

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) Zone A, AO
- With BFE or Depth Zone AE, AO, AH, VE, AR
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
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- Area with Flood Risk due to Levee Zone D

OTHER AREAS
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- Area of Undetermined Flood Hazard Zone D

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 18.2 / 17.5 Cross Sections with 1% Annual Chance Water Surface Elevation
- 8 Coastal Transect
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature
- 513 Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary

NOTES TO USERS

SCALE

1 inch = 500 feet 1:6,000
0 500 1,000 2,000 feet
0 125 250 500 meters

PANEL LOCATOR

C267 0286 0268 0269 0278 0356 0357 0378

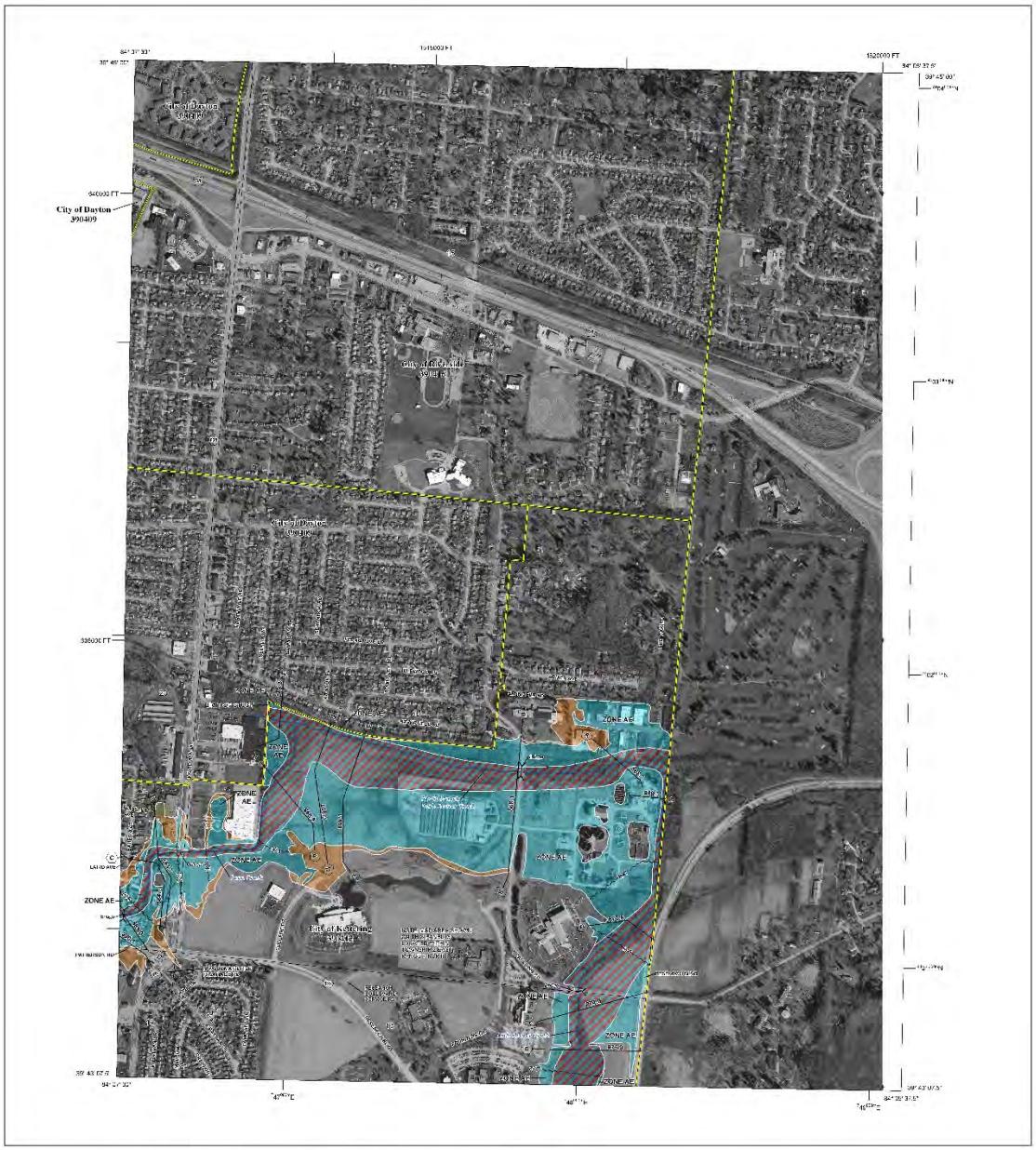
* PANEL NOT PRINTED

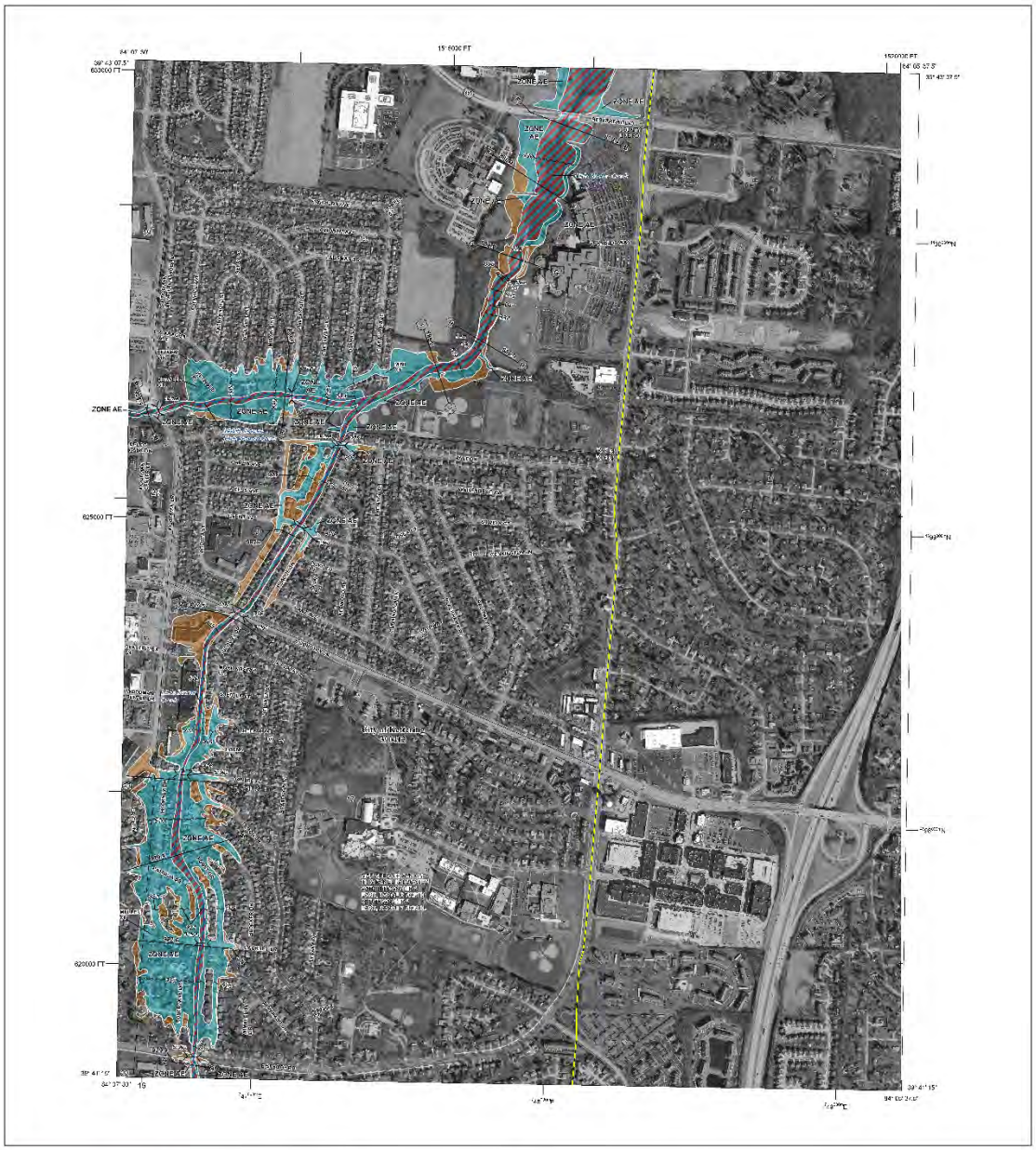
FEMA
National Flood Insurance Program

NATIONAL FLOOD INSURANCE PROGRAM
FLOOD INSURANCE RATE MAP
MONTGOMERY COUNTY, OHIO
PANEL 269 OF 400

COMMUNITY	NUMBER	PANEL	SUFFIX
CITY OF DAYTON	390456	0269	F

VERSION NUMBER
2.5.3.5
MAP NUMBER
39113C0269F
MAP REVISED
OCTOBER 27, 2022


City of Dayton
390409
ZONE AE
ZONE AE
ZONE AE


ZONE AE
ZONE A
ZONE X
625000 FT
620000 FT
FLOOD HAZARD INFORMATION
NOTES TO USERS
SCALE
1 inch = 500 feet
1:6,000
PANEL LOCATOR
National Flood Insurance Program
NATIONAL FLOOD INSURANCE PROGRAM
FLOOD INSURANCE RATE MAP
MONTGOMERY COUNTY, OHIO
PANEL 278 OF 400
FEMA
VERSION NUMBER
2.5.3.5
MAP NUMBER
39113C0278F
MAP REVISED
OCTOBER 27, 2022

FLOOD HAZARD INFORMATION

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

THE INFORMATION DEPICTED ON THIS MAP AND SUPPORTING DOCUMENTATION ARE ALSO AVAILABLE IN DIGITAL FORMAT AT HTTPS://MSC.FEMA.GOV

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) Zone A, V, A99
- With BFE or Depth Zone AE, AO, AH, VE, AR
- Regulatory Floodway

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- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
- Future Conditions 1% Annual Chance Flood Hazard Zone X
- Area with Reduced Flood Risk due to Levee See Notes. Zone X
- Area with Flood Risk due to Levee Zone D

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- Area of Undetermined Flood Hazard Zone D

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- Levee, Dike, or Floodwall

OTHER FEATURES
- 17.5 Cross Sections with 1% Annual Chance Water Surface Elevation
- Coastal Transect
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary

NOTES TO USERS

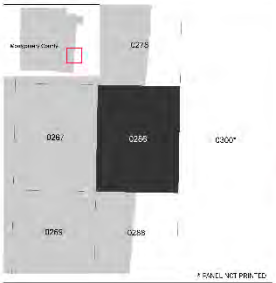
SCALE

1 inch = 500 feet 1:6,000

0 500 1,000 2,000 Feet

0 125 250 500 Meters

PANEL LOCATOR



PANEL NOT PRINTED

FEMA

National Flood Insurance Program

NATIONAL FLOOD INSURANCE PROGRAM
FLOOD INSURANCE RATE MAP

MONTGOMERY COUNTY, OHIO
and Incorporated Areas

PANEL 286 OF 400

FEMA

COMMUNITY	NUMBER	PANEL	SUFFIX
CENTERVILLE, CITY OF	390408	0286	F
KETTERING, CITY OF	390115	0286	F

VERSION NUMBER
2.5.3.5

MAP NUMBER
39113C0286F

MAP REVISED
OCTOBER 27, 2022

FLOOD HAZARD INFORMATION

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

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- Profile Baseline
- Hydrographic Feature
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary

NOTES TO USERS

SCALE

1 inch = 500 feet 1:6,000

0 500 1,000 2,000 Feet

0 125 250 500 Meters

PANEL LOCATOR

0266 0269 0288 0357 0376 0400 0300

PANEL NOT PRINTED

FEMA

National Flood Insurance Program

NATIONAL FLOOD INSURANCE PROGRAM
FLOOD INSURANCE RATE MAP

MONTGOMERY COUNTY, OHIO
and Incorporated Areas

PANEL 288 OF 400

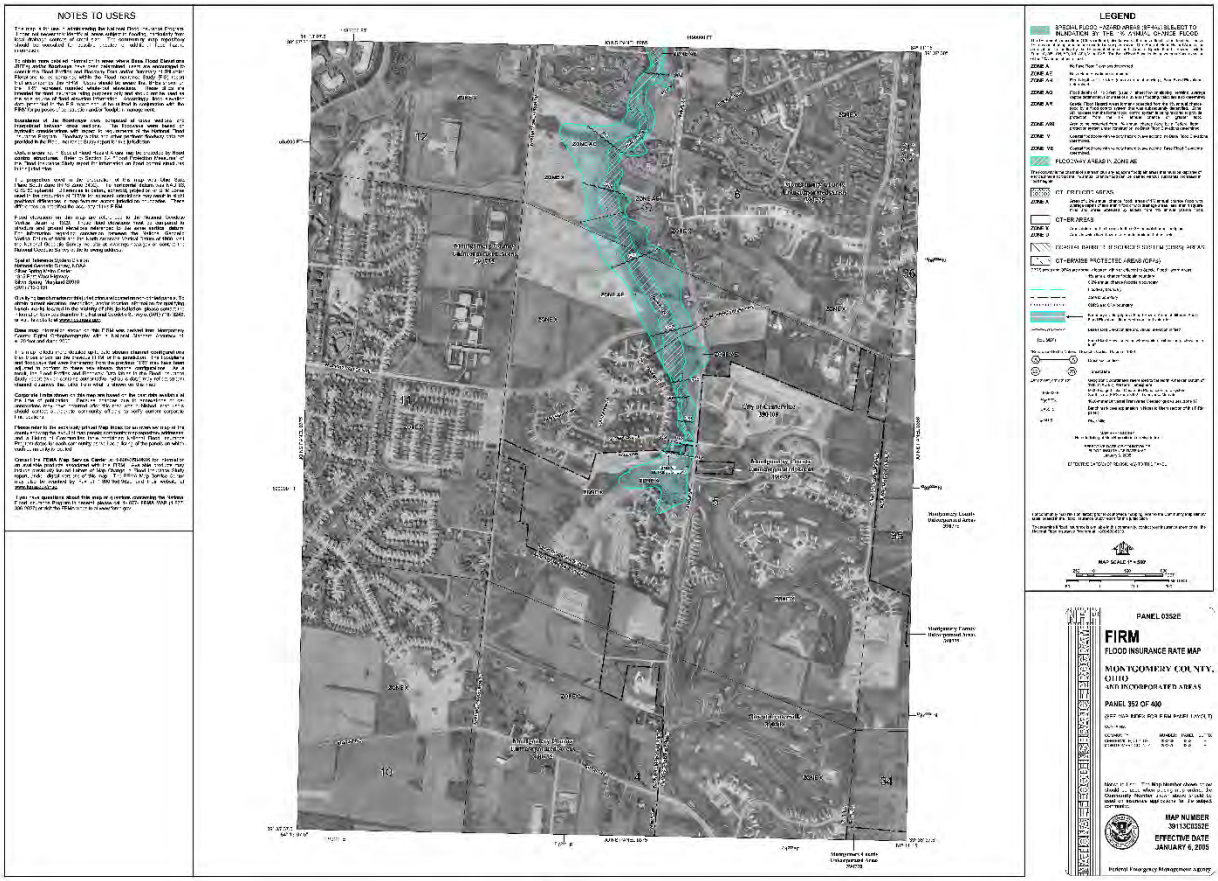
FEMA

COMMUNITY	NUMBER	PANEL	SUFFIX
CITY OF [illegible]	[illegible]	0288	F
[illegible]	[illegible]	0288	F

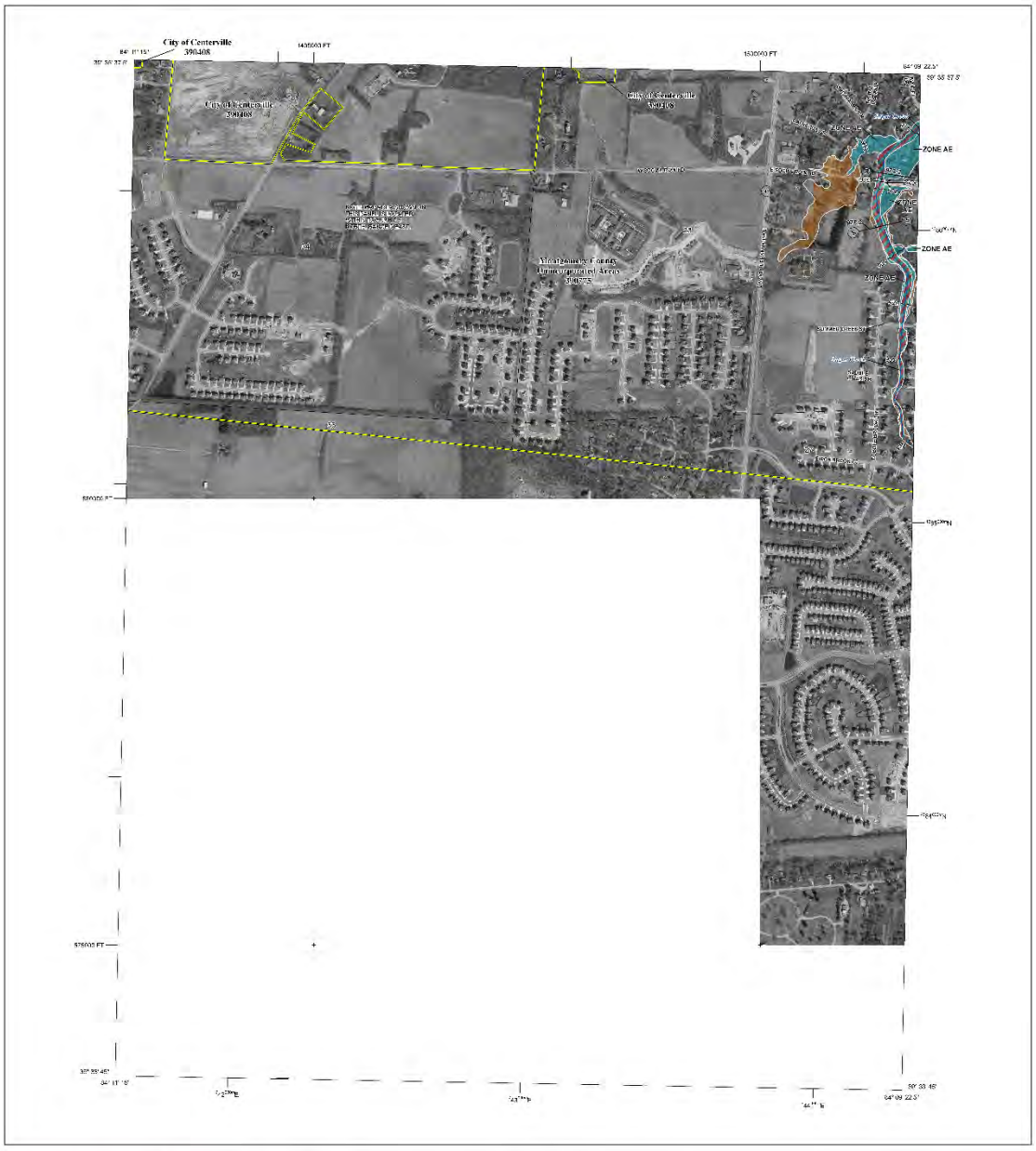
VERSION NUMBER
2.5.3.5

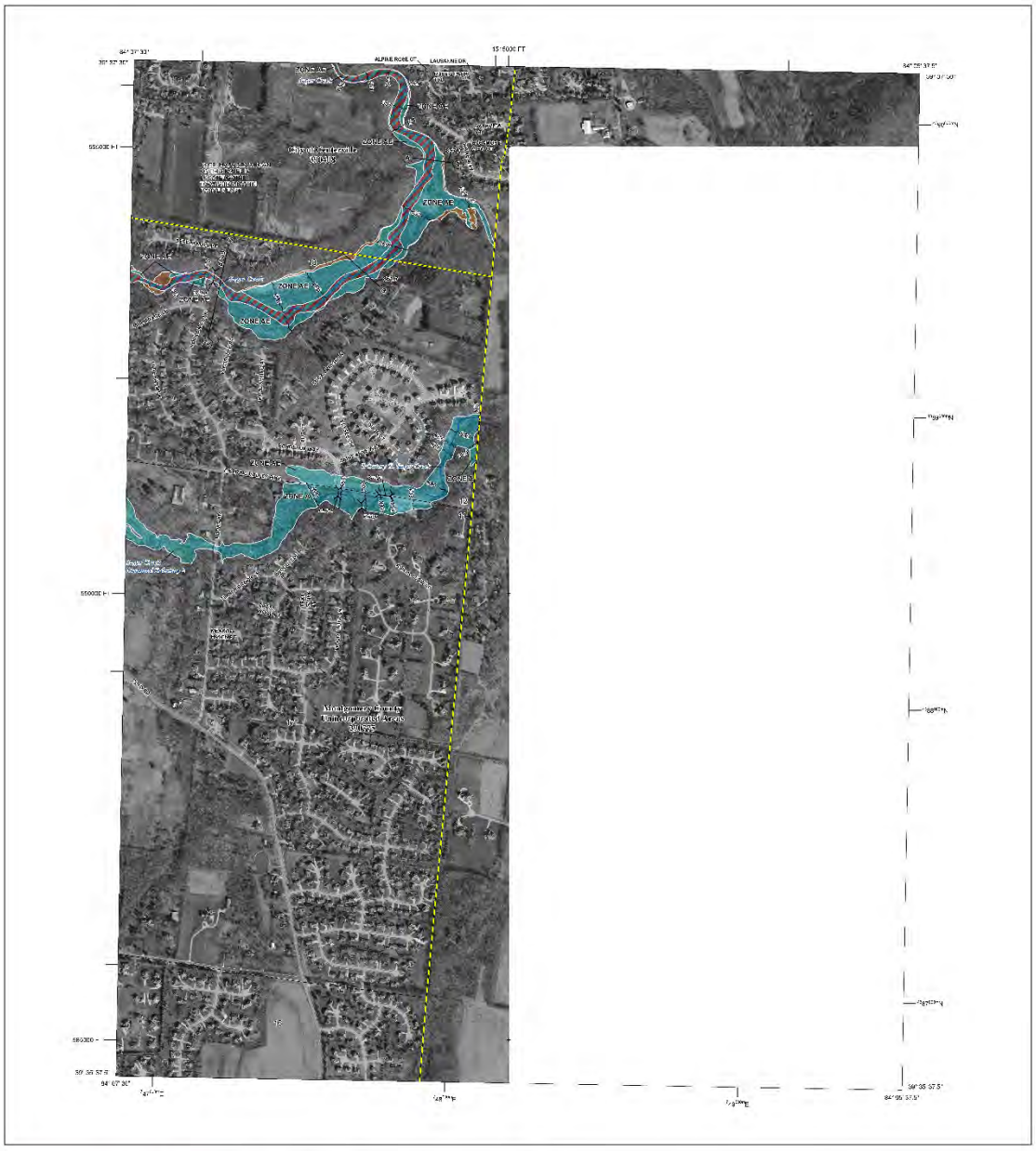
MAP NUMBER
39113C0288F

MAP REVISED
OCTOBER 27, 2022


NOTES TO USERS
LEGEND
PANEL 0352E
FIRM
FLOOD INSURANCE RATE MAP
MONTGOMERY COUNTY, OHIO
AND INCORPORATED AREAS
PANEL 352 OF 400
MAP NUMBER
39113C0352E
EFFECTIVE DATE
JANUARY 6, 2003
Federal Emergency Management Agency

ZONE AE
ZONE A
ZONE X
City of Centerville
Section
Shaw Farm Metro
Park and Nature Preserve
(Nature Area)
ZONE AE
ZONE A
ZONE X
ZONE AE
ZONE A
ZONE X
ZONE AE
ZONE A
ZONE X


City of Centerville
390408
ZONE AE
ZONE AE
FLOOD HAZARD INFORMATION
NOTES TO USERS
SCALE
1 inch = 500 feet
1:6,000
PANEL LOCATOR
FEMA
National Flood Insurance Program
NATIONAL FLOOD INSURANCE PROGRAM
FLOOD INSURANCE RATE MAP
MONTGOMERY COUNTY, OHIO
PANEL 358 OF 400
VERSION NUMBER
2.5.3.5
MAP NUMBER
39113C0358F
MAP REVISED
OCTOBER 27, 2022



FLOOD HAZARD INFORMATION

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

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- Profile Baseline
- Hydrographic Feature
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary

NOTES TO USERS

SCALE

1 inch = 500 feet 1:6,000

0 500 1,000 2,000 feet

0 125 250 500 meters

PANEL LOCATOR

C288 0300* 0376 0400* 0359

* PANEL NOT PRINTED

FEMA

National Flood Insurance Program

NATIONAL FLOOD INSURANCE PROGRAM
FLOOD INSURANCE RATE MAP

MONTGOMERY COUNTY, OHIO
and Incorporated Areas

PANEL 376 OF 400

FEMA

COMMUNITY	NUMBER	PANEL	SUFFIX
CENTERVILLE, CITY OF	390428	0376	F
MIAMISBURG, CITY OF	390174	0376	F

VERSION NUMBER
2.5.3.5

MAP NUMBER
39113C0376F

MAP REVISED
OCTOBER 27, 2022

Appendix G: Meeting Documentation

Stakeholder Kickoff

Good morning,

Greene County was recently awarded a Pre-Disaster Mitigation Grant to update our County's Hazard Mitigation Plan. This update is required by FEMA every five years to remain eligible for funding for projects. Municipalities, police and fire departments, schools, businesses, and the public may receive funding for any mitigation strategy found in the approved and adopted plan update. Community input is critical to this plan's success (and the FEMA approval process). As such, we are asking for your participation in the planning process at two sets of meetings.

These meetings will be offered in multiple formats to allow stakeholders and the public to participate according to their availability and comfort level. Meetings will generally be conducted in person with an online option via Microsoft Teams. Surveys will be offered in hard copy and digital formats. If you are unable to attend, please let us know and we will work with you to obtain participation in other formats.

Prior to Meeting #1, we recommend you complete the following:

1. **Review the attached items** which describe the goal of the hazard mitigation planning process, as well as who is involved in updating the plan, why the plan needs to be updated, and an overview of the planning process and schedule.
2. **Reserve the dates for the first and second round of meetings**:
    a. **Meeting 1** - To be held on March 11, 2025
        i. 2:00 P.M. at Greene County Media Room, 541 Ledbetter Rd., Xenia, OH 45385
        ii. 5:00 P.M. at Greene County Media Room, 541 Ledbetter Rd., Xenia, OH 45385
    b. **Meeting 2** - To be held on April 16, 2025
        i. 2:00 P.M. at Soin Medical Center, 5th Floor, Kumar Room, 3535 Pentagon Blvd., Beavercreek, OH 45431
        ii. 5:00 P.M. at Soin Medical Center, 5th Floor, Kumar Room, 3535 Pentagon Blvd., Beavercreek, OH 45431
3. **Complete the Goals & Hazard Priority Survey** prior to Meeting #1 – links to these surveys will be posted to the web site (link below) prior to the meeting.

Many of you may wonder why you have been asked to participate in this process. Updating the Hazard Mitigation Plan every five years allows us to identify opportunities to lessen the potential impacts from disasters and allows us to evaluate projects that have been completed during the past five-year cycle. All possible projects are identified by YOU, our community leaders. Once our plan has gone through the FEMA approval process and has been adopted locally, we can apply for grant funding that could potentially cover 75% of the costs associated with those projects.

Reference Material Links

1. Plan Overview (link)
2. 2020 Plan (link)
3. Greene HMP website (link)

If you would like to designate another person to participate in the plan update process on your behalf, please provide their name and contact information to me. Let us know if you have any questions.

Sincerely,

Ethan Raby, Director
Greene County Emergency Management Agency
45 N. Detroit St.
Xenia, Ohio 45385
Phone: (937) 562-5962
Email: ethan.raby@greenecountyohio.gov

GREENE COUNTY HAZARD MITIGATION PLAN OVERVIEW

Goal

Update the 2020 Greene County Hazard Mitigation Plan to include both natural and man-made hazards that pose a threat to the County.

Who's involved?

The Greene County EMA will work closely with Burton Planning Services and members of the Core Planning Committee to develop a mitigation plan that adequately addresses the threats posed to Greene County residents by natural and man-made hazards. The following people will be involved:

- Ethan Raby, Greene County Office of Emergency Management Agency Director
- Burton Planning Services (BPS)
- Kimberly Burton, P.E., AICP CTP, LEED AP ND
- Kimberly Cousins, Project Manager, Senior Resiliency Specialist
- Brett Morris, LEED Green Associate, Resiliency Planner, Assistant Project Manager
- Meagan Russell, Hazard Mitigation Analyst
- Kairsten Nitsch, Associate Planner
- Core Planning Committee Members

Hazard Mitigation Planning: Federal Requirements

The Disaster Mitigation Act, 2000 (DMA2K) states that all jurisdictions must have an adopted plan to receive funds from FEMA in the event of a disaster. DMA2K provides a legal basis for FEMA's state, local, and tribal mitigation planning requirements. Additionally, the Robert T. Stafford Disaster Relief and Emergency Assistance Act of 1988 created the system where Presidential disaster declarations trigger federal assistance via FEMA.

To receive federal funding, hazard mitigation plans must:

- Be updated and adopted by local jurisdictions every 5 years.
- Include:
  - Public participation and documented process
  - Existing conditions and demographics
  - Major disaster declarations since the previous plan
  - Risk assessments and vulnerability analyses for hazards
  - Mitigation actions and their status
  - Identified plan maintenance and updates
- Municipalities, police and fire departments, schools, businesses, and the general public may receive funding for any mitigation strategy found in the approved and adopted plan update.

Hazard Mitigation Planning: Overview

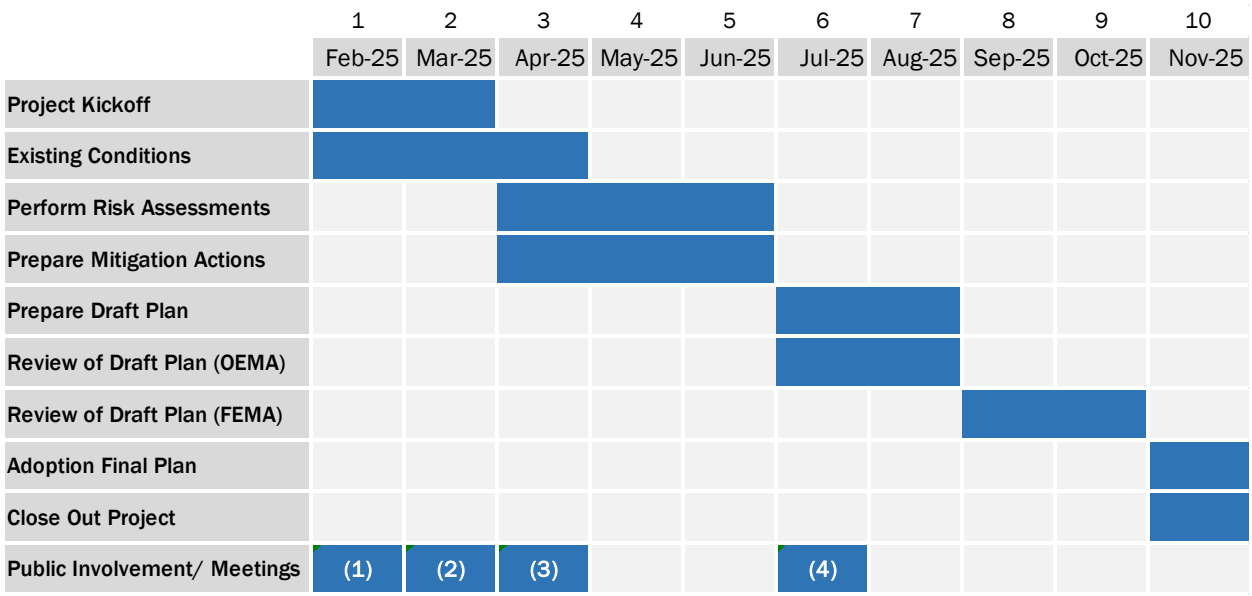
Potential hazard types include natural disasters (floods, storms, droughts, landslides, invasive species, etc.) and man-made disasters (hazardous material spills, terrorism, etc.). Benefits of updating the hazard mitigation plan include:

- Minimizing property damage, economic loss, injuries, and loss of human life
- Enhancing public awareness of natural and man-made hazards

- Coordinating inter-jurisdictional preparedness measures, mitigation actions, and programs for effective implementation
- Providing a tool for decision-makers to better prepare for disasters.
- Achieving state and federal regulatory compliance to be eligible for funding

Hazard Mitigation Planning: Process and Schedule

FEMA focuses on the mitigation strategies, on the intent and compliance of the plan, and on the planning process. Milestones for the Greene County Hazards Mitigation Plan are indicated in blue, below.



Hazard Mitigation Planning: Core Planning Committee Role

The role of the Core Planning Committee (you!) is as follows:

- Provide local knowledge and data as needed.
- Help identify potential hazards from past experience and prioritize hazards.
- Help develop new mitigation actions, determine the status of previous mitigation actions, and prioritize new mitigation actions.
- Provide feedback on the draft plan.
- Participate in public and stakeholder meetings.
- Assist in plan adoption for representative local jurisdiction.

Contact Information:

Greene County EMA
Ethan Raby, EMA Director
Email: ethan.raby@greenecountyohio.gov
Office: 937-562-5962

Burton Planning Services
Kimberly Cousins, Project Manager, Senior Resiliency Specialist
Email: kcousins@burtonplanning.com
Office: 330-573-0720

Stakeholder Guidance

1. County, City and Village council members, mayors, administrators, or other employees.
    a. A list of up-to-date contacts can be found here: https://ohioroster.ohiosos.gov/LocalGov.aspx
2. Township government representatives.
3. Any local government employee specifically involved in hazard mitigation planning or EMA activities.
4. Public Health officials.
5. Planning and zoning officials.
6. GIS representative.
7. Neighborhood group representatives. These are usually volunteer organizations who plan events in their specific neighborhoods or villages.
8. Representatives from large businesses, especially from utility services and manufacturers.
9. Representatives from the County's largest employers.
10. Representatives from unions from the County's largest employers.
11. OSU Extension representatives and potential experts.
12. Local school system representatives.
13. Non-profits and NGOs related to hazard mitigation planning.
14. Non-profits and NGOs that work directly with or are a part of marginalized communities in the County.
    a. AARP rep, elderly care facilities.
    b. Food banks, social workers, neighborhood groups from impoverished areas.
    c. Neighborhood groups from minority neighborhoods.
15. Hospitals and other healthcare representatives outside of Public Health officials.
16. Representatives from nearby counties (usually EMA representatives).

Some specific organizations to consider include, but are not limited to:

- Greene County Board of Developmental Disabilities
- Greene County Historical Society
- American Red Cross
- The Voices of Greene County Self-Advocacy Team
- Greene County Council on Aging
- Greene Giving Community Foundation
- FISH Food Pantry
- Habitat for Humanity
- The Hope Spot
- Community Action Partnership Shelter for the Homeless
- The Community Network
- Greene, Inc.
- SCOPE Greene County
- Culturally and Linguistically Appropriate Services (Greene County Public Health)
- Area Agency on Aging

Planning Meeting 1

Hazard Mitigation

Purpose of Hazard Mitigation

According to the Federal Emergency Management Agency (FEMA), hazard mitigation is any sustained action taken to reduce or eliminate the long-term risk to human life and property from hazards such as tornadoes, flooding, and winter and severe storms. Mitigation activities may be implemented prior to, during, or after an incident. However, hazard mitigation has been shown to be most effective when based on an inclusive, comprehensive, long-term plan that is developed before a disaster occurs.

Because of this, federal regulations were developed through the Robert T. Stafford Disaster Relief and Emergency Assistance Act of 1988 and the Disaster Mitigation Act of 2000, to provide for state, local, and tribal governments to undertake a risk-based approach to reducing risks to natural hazards through mitigation planning. Under the Disaster Mitigation Act of 2000, jurisdictions must have an adopted hazard mitigation plan to remain eligible for pre- and post-mitigation disaster funding.

Federal Requirements

To receive FEMA funding, hazard mitigation plans must be adopted by local jurisdictions, updated every 5 years, and include:

- Public participation and documented update process
- Existing conditions and demographics
- Major disaster declarations since the previous plan
- Risk assessments and vulnerability analyses for hazards
- Mitigation actions and their status
- Identified plan maintenance and updates

Planning Process

- **Milestone 1:** Project kickoff; gather data for existing conditions and demographics.
- **Milestone 2:** Public Meeting #1 will provide time for the community to review goals for the plan, rank potential hazards, and determine the status of previous mitigation actions.
- **Milestone 3:** Burton Planning Services will perform risk assessments & vulnerability analyses and develop mitigation actions based on the feedback received from the first public meeting.
- **Milestone 4:** Public Meeting #2 will provide time for the community to review the proposed mitigation actions and rate actions based on relevance to local communities.
- **Milestone 5:** Burton Planning Services will prepare a draft plan based on community feedback and survey results.
- **Milestone 6:** The Ohio Emergency Management Agency and FEMA will conduct reviews of the draft plan.
- **Milestone 7:** Once the plan has been approved by FEMA, the County and participating jurisdictions will adopt the plan.

To Participate: Fill out digital surveys during the public meetings or fill out a paper copy of the surveys and mail them to the County EMA offices. Additionally, go to the link on the back of this page to fill out the surveys online.

Surveys

Goals Survey

The Goals Survey seeks feedback on potential new goals for the 2025 Greene County Hazard Mitigation Plan.

Link: https://www.surveymonkey.com/r/GreeneGoals

Previous Mitigation Actions Survey

The Mitigation Actions Survey seeks feedback on the status of the mitigation actions included in the 2020 Greene County Hazard Mitigation plan and asks if the same mitigations actions should be carried into the 2025 Plan.

Link: https://www.surveymonkey.com/r/GreenePreviousActions

Hazard Priority Survey

The Hazard Priority Survey seeks feedback on each potential hazard to determine which hazards should be included in the 2025 mitigation plan.

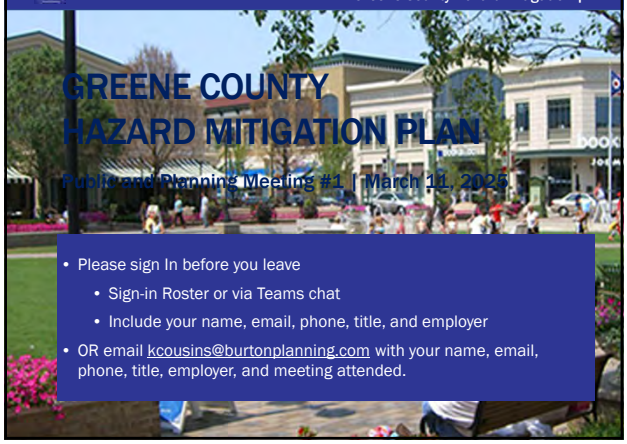
Link: https://www.surveymonkey.com/r/GreeneHazardPriority

Questions & Contact

You may reach out to the Greene County Emergency Management Agency for questions or to return physical surveys via mail.

Greene County EMA
Ethan Raby, EMA Director
Email: ethan.raby@greenecountyohio.gov
Office: 937-562-5962

Burton Planning Services
Kimberly Cousins, Project Manager, Senior Resiliency Specialist
Email: kcousins@burtonplanning.com
Office: 330-573-0720



GREENE COUNTY HAZARD MITIGATION PLAN

Public and Planning Meeting #1 | March 11, 2025

- Please sign In before you leave
  - Sign-in Roster or via Teams chat
  - Include your name, email, phone, title, and employer
- OR email kcousins@burtonplanning.com with your name, email, phone, title, employer, and meeting attended.

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Introductions

Greene County EMA

BPS Project Team

- Kimberly Burton, P.E., AICP CTP, LEED AP ND, Project Manager
- Kimberly Cousins, Project Manager, Environmental & Resiliency Manager
- Brett Morris, Assistant Project Manager, LEED Associate
- Meagan Russell, Resiliency Specialist
- Kairsten Nitsch, Associate Planner
- Chuck Foster, Hazard Mitigation Specialist

Core Planning Committee Members

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Introductions

Why are we here today?

- Update the 2020 Greene County Hazard Mitigation Plan
- Hazard mitigation overview
- Progress update
- Gather stakeholder input
- Next steps

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Hazard Mitigation Overview

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Hazard Mitigation Overview

What is hazard mitigation?

- A sustained action to reduce or eliminate the long-term risk to human life and property from hazards.

Goals:

- Reduce potential losses in future disasters.
- Identify natural hazards and identify actions to reduce loss.
- Establish a process to implement these actions.

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Hazard Mitigation Overview

Potential types of hazards include:

- Water (flooding, dam/levee failure)
- Wind (hurricanes, tornadoes, damaging winds)
- Summer and Winter Storms
- Drought, Wildfires, and Extreme Heat
- Geology (landslides, earthquakes)
- Invasive species

Microhydropower dam, Seattle 2015

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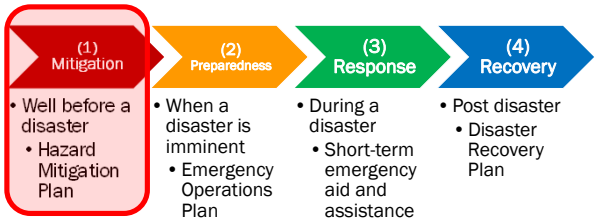
Hazard Mitigation Overview

- The disaster response cycle



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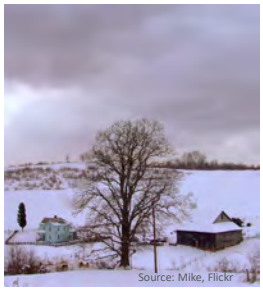
Hazard Mitigation Overview

Robert T. Stafford Disaster Relief and Emergency Assistance Act, 1988

- Presidential disaster declarations trigger federal assistance via FEMA.

Disaster Mitigation Act, 2000 (DMA2K)

- Legal basis for FEMA's state, local, and tribal mitigation planning requirements.
- Jurisdictions must have an adopted plan to be eligible for mitigation action funding from FEMA.



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Hazard Mitigation Overview

Hazard Mitigation Plan Requirements

- To receive FEMA funding, hazard mitigation plans must be adopted by local jurisdictions & updated every 5 years.
- Hazard mitigation plans must include:
  - Public participation & documented update process
  - Existing conditions/demographics
  - Major disaster declarations since the previous plan
  - Risk assessments & vulnerability analyses for hazards
  - Mitigation actions & their status
  - Identified plan maintenance & updates

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Hazard Mitigation Overview

Funding Opportunities

Types of projects that can receive federal funding, include:

- Property acquisition, demolition, relocation
- Property reconstruction
- Structure elevation, floodproofing, retrofits
- Generators
- Safe rooms
- Soil stabilization

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Hazard Mitigation Overview

Overall benefits of hazard mitigation planning:

1. Minimize property damage, economic loss, injuries, and loss of human life
2. Enhance public awareness and education of natural and man-made hazards
3. Coordinate interjurisdictional preparedness measures, mitigation actions, and programs for efficient and effective implementation
4. Provide tools for decision makers to better prepare for disasters
5. Achieve state and federal regulatory compliance to be eligible for funding

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Hazard Mitigation Overview

Overall benefits of hazard mitigation planning:

6. Municipalities: funds for related building/infrastructure needs, such as addressing issues caused by hazards or improvements to reduce future issues
7. Police & Fire: funds for safety-related equipment & resources
8. Schools: funds for school safety-related equipment/resources
9. Businesses: reduce/eliminate site & operational impacts
10. General Public: reduce/eliminate monetary & emotional costs from lost lives & homes

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Process & Schedule

Completed and Upcoming Tasks:

- ✓ Gathered critical facilities information
- ✓ Gathered GIS base mapping
- ✓ Gathered repetitive loss property information
- ✓ Summarized features and demographics of County and communities
- ✓ Gathered historical information on previous hazard events
- ➢ Identify past and potential hazards to evaluate in this plan update – need feedback today
- ➢ Identify mitigation actions from the previous plan that need to be updated – need feedback today

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Process & Schedule

Hazard Mitigation Planning Process:

- ✓ Milestone 1: Project Kickoff Announcement; Gather Data For Existing Conditions/Demographics
- ➢ Milestone 2: Hold Planning Meeting #1
- o Milestone 3: Perform Risk Assessments & Vulnerability Analyses; Develop Mitigation Actions
- o Milestone 4: Hold Planning Meeting #2
- o Milestone 5: Prepare Draft Plan
- o Milestone 6: Conduct Reviews Of Draft Plan
- o Milestone 7: Adoption Of Plan
- o Milestone 8: Closeout Project

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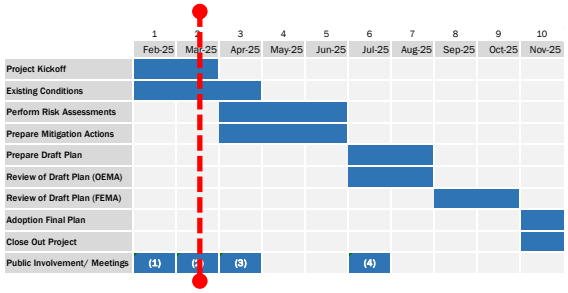

Important Dates

- ✓ Project Kickoff – February 2025 (Sent out by County EMA)
- ✓ Planning Meeting #1 – March 11, 2025
- o Planning Meeting #2 – April 16, 2025
- o Reviews of draft plan – TBA
- o Adoption of plan – TBA

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Your Role

Overview

- o Provide local knowledge & data as needed, including history, demographics, spatial information.
- o Help identify potential hazards based on previous experience & prioritize based on risk.
- o Help develop new mitigation actions, determine status of previous mitigation actions & prioritize
- o Provide feedback on draft plan
- o Participate in both planning meetings
- o Assist in plan adoption as a representative for your local jurisdiction

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Your Role

Today:

1. Project Website
2. Complete surveys
3. General feedback
4. Report on your use/integration of 2020 HMP
5. Add second meeting to schedule
    1. April 16, 2025

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Action Items

1. Project Website: https://burtonplanning.com/Greene-hmp/

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Action Items

2. Complete Surveys
    Survey #1a: Goals
    - Goals guide the Plan and inform the development of specific mitigation actions.
    - Evaluate goals from last plan.
    - Provide comments, changes.

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Action Items

2. Complete Surveys
    Survey #1b: Hazard Priorities
    - Many hazards could be included in the plan update (see Hazards Overview handout).
    - Determine which ones from the full list should be included in this plan.
    - Rate the priority of all hazards.

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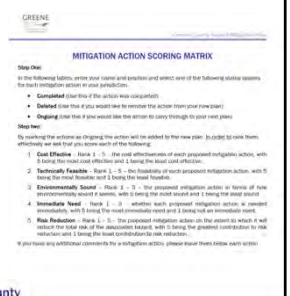
Action Items

2. Complete Surveys
    Survey #2: Previous mitigation actions status
    - Update the status, remarks, and ratings



Greene County

Mitigation Action (Strategy)	Risk	Status	Ranking
Concrete, structural repairs, and other improvements at Huffman Dam.	Dam/Levee Failure	☐Completed ☐Deleted ☐Ongoing	Cost Effective 1 2 3 4 5 Technically Feasible 1 2 3 4 5 Environmentally Sound 1 2 3 4 5 Immediate Need 1 2 3 4 5 Risk Reduction 1 2 3 4 5

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Action Items

2. Complete Surveys
    How has your office integrated the 2020 HMP?

* This is not a required survey – please complete only if you have knowledge of how the plan has been integrated with other county plans.

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Action Items

3. Second Planning Meeting: April 16, 2025

Core Planning Committee Meetings will be held first
- Followed by Public Meetings
- Timing will be same as Planning Meeting 1
- Find links on website (https://burtonplanning.com/Greene-hmp/) and look for email reminder from Greene County EMA

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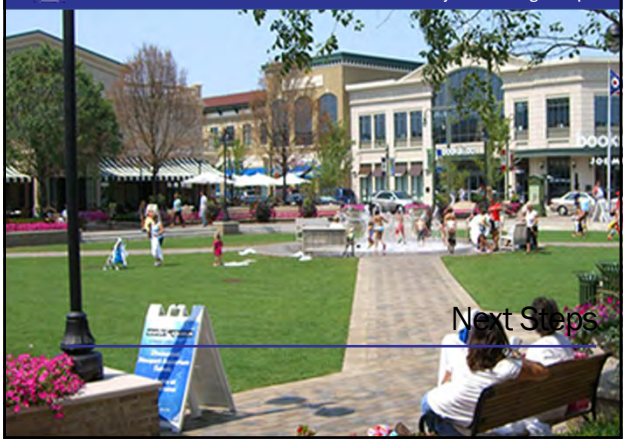

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Next Steps – Prior to Meeting #2

- All Participating Jurisdictions & General Public:
  - Complete the goals, hazard priority, and existing mitigation action surveys
- Project Team
  - Finalize critical facilities lists
  - Perform risk assessments & vulnerability analyses
  - Develop draft mitigation actions
  - Meeting #2 preparation
- Next meeting - April 16, 2025
  - Discuss risk assessments, mitigation actions, prioritize

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NAME:	POSITION:	JURISDICTION:

INTEGRATION SURVEY

It is important to revisit your previous Hazard Mitigation Plan and learn how you integrated the plan into your other local plans and other planning processes. Below is a list of possible plans your County has. Please let us know if you have the Plan listed and how you integrated your previous Hazard Mitigation Plan into it.

Example:

Plan Name	Available
Zoning Ordinances	Yes
Prohibiting development within the most hazardous parts of the floodplain and restriction of development near earthquake faults or on steep slopes.	

Local Plan Details:

Plan Name	Available
Emergency Operations Plan	
Comprehensive Plan	
Capital Improvement Plan	
Building Code	
Zoning Ordinances	

Plan Name	Available
Capital Improvements Program	
Stormwater Management Plans	
Other:	
Other:	
Other:	
Other:	

Dam/Levee Failure

Occurs when any artificial barrier that impounds or diverts water is suddenly released in an uncontrollable manner, resulting in a flood wave that can damage buildings and infrastructure. Greene County has four High Hazard Potential dams and five Significant Hazard Potential dams.

Drought

Droughts occur when water levels drop. They can occur anywhere, and they increase the risks of flash floods, wildfires, and landslides. Drought conditions occurred in 2023, 2022, 2021, 2020, 2019, 2017, 2016, 2015, 2014, 2013, 2012, 2011, 2010, 2009, 2008, 2007, 2006, 2005, 2002, 2001, and 2000 in Greene County.

Earthquake

Earthquakes are sudden and rapid movements caused by the abrupt shifting of Earth's tectonic plates deep beneath the surface. Although earthquakes are very rare, they are unpredictable and can be catastrophic.

Extreme Temperatures

Extreme temperature events include both extreme cold and extreme heat. There have been at least eight extreme temperature events since 1995. No property damage has reportedly been caused by extreme temperatures.

Flooding

Floods are typically riverine, coastal, or shallow. Flash floods are floods that occur quickly, even occurring without visible signs of precipitation. Greene County has experienced 79 floods and flash floods since 1995. These events caused approximately $279,5000 in property and crop damage.

Hazardous Materials

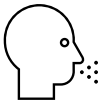
Hazardous materials (HAZMAT) are potentially harmful to environmental and/or human health. HAZMAT may be used for manufacturing, processing, or long-term storage. HAZMAT spills can occur near storage facilities or during transport.

Invasive Species

Invasive species are any species within Greene County that are not native to the area. These species can cause ecological or economic damage.

Landslides/Land Subsidence

A landslide occurs when rocks, earth, or other materials move down a slope. Common causes include rain, floods, and development practices along slopes. Land subsidence is when Earth's surface settles or suddenly sinks. These are common with abandoned mines.



Public Heath Emergency (Epidemic)

Infectious diseases are caused by microscopic germs such as viruses, parasites, fungi, and parasites. Illnesses can range from the common cold or flu, Lyme disease, to more deadly diseases like Covid-19 or HIV.

Severe Summer Weather

Severe storms include **hailstorms**, **heavy rain**, **high wind**, and **thunder/lightning** storms. There have been 383 events in Greene County since 1995, causing approximately $19.2 million in property and crop damage.

Severe Winter Weather

Winter storms can include extreme cold, freezing rain, ice, snow, high winds, or any combination of these conditions. There have been 125 events in Fulton County since 1995, causing approximately $1 million in property and crop damage.

Terrorism

There are five types of terrorism, including an active aggressor, biological terrorism, chemical terrorism, cyberterrorism, and agroterrorism.

Tornadoes

Tornadoes usually occur during severe thunderstorm events. Greene County has experienced at least 14 tornadoes since 1995. Tornadoes have caused approximately $67 million in property and crop damage.

Walter Quality

Greene County residents receive their drinking water from reservoirs and ground water. Maintaining good water quality is important for Green County communities. Water quality is the measure of how suitability the water is for a particular purpose based on physical, chemical, and biological characteristics.

Wildfire

Wildfires are fires that occur in the wilderness or countryside and can spread quickly. Greene County has an average of 15 wildfire events per year between 2018 and 2022.

NAME:	POSITION:

GOALS SURVEY

It is important to revisit the goals and objectives of Greene County's 2020 Hazard Mitigation Plan to help guide the current update to the plan.

Previous Goals
Please determine which of the previous goals, if any, should be included in the next plan.

- ☐ Increase public awareness.
- ☐ Protect life and property.
- ☐ Create and/or strengthen partnerships.
- ☐ Create a safer environment through construction or installation projects of natural hazard safety systems.
- ☐ Reduce losses that result from the failure of High Hazard Potential Dams.

New Goals
Please draft new goals for the plan on the lines below.

- ☐ _____
- ☐ _____
- ☐ _____
- ☐ _____
- ☐ _____
- ☐ _____
- ☐ _____

Please provide any additional comments on the goals in the space provided below.

NAME:	POSITION:	JURISDICTION:

Hazard Priorities Survey

Instructions:

1. Consider each hazard below.
2. Rate each hazard on a scale of 0 to 5 based on how important each hazard is to your community.
3. If a hazard should not be studied, give it a zero (0).
4. Provide any comments you would like to share regarding your selected ratings.

2020 Hazards	Priority Ratings (Circle One Score)					
	Do not Include	Lowest Priority	Low-Medium Priority	Medium Priority	Medium-High Priority	Highest Priority
1. Dam/Levee Failure	0	1	2	3	4	5
2. Drought	0	1	2	3	4	5
3. Earthquakes	0	1	2	3	4	5
4. Extreme Temperatures	0	1	2	3	4	5
5. Flooding	0	1	2	3	4	5
6. Hazardous Materials	0	1	2	3	4	5
7. Invasive Species	0	1	2	3	4	5
8. Landslides, Land Subsidence, and Erosion	0	1	2	3	4	5
9. Public Health Emergency (Epidemic)	0	1	2	3	4	5
10. Severe Summer Weather	0	1	2	3	4	5
11. Severe Winter Weather	0	1	2	3	4	5
12. Terrorism	0	1	2	3	4	5
13. Tornadoes	0	1	2	3	4	5
14. Water Quality	0	1	2	3	4	5
15. Wildfire	0	1	2	3	4	5

Additional Comments
• *Are there any hazards not listed that you would like to see included in the 2025 plan?* • *Any other additional comments.*

MITIGATION ACTION SCORING MATRIX

Step One:

In the following tables, enter your name and position and select one of the following status options for each mitigation action in your jurisdiction:

- **Completed** (Use this if the action was completed)
- **Deleted** (Use this if you would like to remove the action from your new plan)
- **Ongoing** (Use this if you would like the action to carry through to your next plan)

Step two:

By marking the actions as Ongoing the action will be added to the new plan. In order to rank them effectively we ask that you score each of the following:

1. **Cost Effective** – Rank 1 – 5 – the cost effectiveness of each proposed mitigation action, with 5 being the most cost effective and 1 being the least cost effective.
2. **Technically Feasible** – Rank 1 – 5 – the feasibility of each proposed mitigation action, with 5 being the most feasible and 1 being the least feasible.
3. **Environmentally Sound** – Rank 1 – 5 – the proposed mitigation action in terms of how environmentally sound it seems, with 5 being the most sound and 1 being the least sound.
4. **Immediate Need** – Rank 1 – 5 – whether each proposed mitigation action is needed immediately, with 5 being the most immediate need and 1 being not an immediate need.
5. **Risk Reduction** – Rank 1 – 5 – the proposed mitigation action on the extent to which it will reduce the total risk of the associated hazard, with 5 being the greatest contribution to risk reduction and 1 being the least contribution to risk reduction.

If you have any additional comments for a mitigation action, please leave them below each action.

Name:	Title and Organization:

Greene County

Mitigation Action (Strategy)	Risk	Status	Ranking					
Concrete, structural repairs, and other improvements at Huffman Dam.	Dam/Levee Failure	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Construct or repair storm drainage systems and/or levees.	Dam/Levee Failure	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Develop a dam failure evacuation plan for Huffman Dam.	Dam/Levee Failure	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

Greene County

Mitigation Action (Strategy)	Risk	Status	Ranking					
Structural stability analysis of Huffman Dam to assess any risks and develop a rehabilitation strategy, if necessary.	Dam/Levee Failure	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Update dam maintenance programs and services.	Dam/Levee Failure	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Develop and distribute information about risks associated with drought.	Drought	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

Greene County

Mitigation Action (Strategy)	Risk	Status	Ranking					
Require compliance and enforcement of existing building codes.	Earthquakes	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Establish clearly identified places of refuge within public facilities and spaces, neighborhoods, and businesses.	Extreme Temperatures	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Establish program(s) providing air conditioning to at-risk populations.	Extreme Temperatures	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

Greene County

Mitigation Action (Strategy)	Risk	Status	Ranking					
Provide water and shade at all public outdoor events during extreme heat.	Extreme Temperatures	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Develop a set of planned alternative routes and gate frequently flooded areas and inform the citizens.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Develop and distribute an informational brochure on the types of homeowner's hazard insurance, i.e. flood, fire, earthquake, etc.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

Greene County

Mitigation Action (Strategy)	Risk	Status	Ranking					
Encourage regular and periodic pier inspections for bridges.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Encourage watershed and wetland planning, as well as natural resource management in conjunction with land-use planning for natural hazard mitigation.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Establish a Flood Diversion program for roads in Greene County using the Hyper Reach mass notification system.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

Greene County

Mitigation Action (Strategy)	Risk	Status	Ranking					
Identify at-risk structures in Special Flood Hazard Area.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Massie Creek US 68 N property acquisition; Kaufman/Washington Mill/Patterson.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Educate the public, businesses and residents, of the importance of creating hazard contingency plans (May be included in materials about natural hazard risk).	Hazardous Materials	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

Greene County

Mitigation Action (Strategy)	Risk	Status	Ranking					
Partner with organizations whose mission is to restore or preserve beneficial natural systems (wetlands, watersheds, etc.).	Invasive Species	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Develop and complete a baseline survey to gather citizens' perceptions of the risks associated with natural disasters and the tools and services available to the public to reduce risk.	Multiple Hazards	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Develop and complete a periodic post-educational campaign surveys to gather citizens' perceptions of the risks associated with natural disasters and the tools and services available to the public to reduce risk (Method to measure the effectiveness of educational campaigns).	Multiple Hazards	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

Greene County

Mitigation Action (Strategy)	Risk	Status	Ranking					
Develop and distribute information about risks associated with the identified natural disasters affecting the County.	Multiple Hazards	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Encourage code enforcement and engineering practitioners to enroll in seminars/classes offered by accredited building training centers that showcase the latest materials and techniques in natural hazard resistant construction.	Multiple Hazards	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Encourage jurisdictions to prevent or prohibit new development in areas vulnerable to natural hazards.	Multiple Hazards	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

Greene County

Mitigation Action (Strategy)	Risk	Status	Ranking					
Encourage mitigation measures for existing development in areas vulnerable to natural hazards.	Multiple Hazards	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Encourage the cooperation of neighbors to include, but not limited to: Contingency plans for the evacuation and care of neighboring families and pets and communication among the neighbors in the event of a natural hazard.; Contingency plans for checking- in on the shut-in and frail elderly neighbors.	Multiple Hazards	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Two maps should be generated as established in the Miami Valley Emergency Operations Plan, 1993, Annex L, Damage Assessment, PG L-5. One map should graphically display Public damage where the worst damage is located and where minimal damage is located. The second should address the same for Private damages.	Multiple Hazards	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

Greene County

Mitigation Action (Strategy)	Risk	Status	Ranking					
Develop and distribute information/education on weather- related-preparedness tools and resources, i.e. sources to purchase such material, etc.	Severe Summer Weather	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Develop and launch awareness/educational campaigns to increase knowledge of weather alert methods (alert radios, e-mail, cell phones, etc.).	Severe Summer Weather	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Educate the public on the importance of properly trimming and maintaining the trees on their property (may be included in materials about natural hazard risk).	Severe Summer Weather	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

Greene County

Mitigation Action (Strategy)	Risk	Status	Ranking					
Encourage the use of vinyl siding to reduce dent damage due to hail incidents.	Severe Summer Weather	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Encourage utility companies to hire tree trimming contractors who are capable of a more citizen friendly trimming service	Severe Summer Weather	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Furnish and install a 25KW Emergency Standby Generator with Automatic Transfer Switch at Gerspacher Water Tower. This generator is needed to maintain communications.	Severe Summer Weather	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

Greene County

Mitigation Action (Strategy)	Risk	Status	Ranking					
Furnish and install a 25KW Emergency Standby Generator with Automatic Transfer Switch at Indian Ripple Water Tower. This generator is needed to maintain communications.	Severe Summer Weather	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Furnish and install a 40KW Emergency Standby Generator with Automatic Transfer Switch at the Valley Well Field for wells 11 and 12. This generator is needed to maintain continuous service to the potable water system.	Severe Summer Weather	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Furnish and install an emergency generator with automatic transfer switch at the Environmental Services facility. The facility is the receiving facility for storm debris and 24/7 operation could be needed.	Severe Summer Weather	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

Greene County

Mitigation Action (Strategy)	Risk	Status	Ranking					
Supply equipment to manage storm debris.	Severe Summer Weather	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Supply two portable generators with emergency connections to be used at sanitary lift stations and potable water pump stations during power outages.	Severe Summer Weather	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Establish and encourage the use of weather warning radios in all public spaces, businesses, and residences.	Severe Winter Weather	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

Greene County

Mitigation Action (Strategy)	Risk	Status	Ranking					
Generator upgrade for jail.	Severe Winter Weather	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
High impact window coverings for jail.	Terrorism	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Upgrade windows to high impact windows on schools.	Terrorism	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

Greene County

Mitigation Action (Strategy)	Risk	Status	Ranking					
Appeal to the State to enhance or create wind/impact resistant Ohio Basic Building Code(s).	Tornado	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Construct tornado safe rooms in public areas and neighborhoods without basements.	Tornado	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Encourage the use of wind and impact resistant building components designed to withstand tornado strength winds.	Tornado	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

Greene County

Mitigation Action (Strategy)	Risk	Status	Ranking					
Install a tornado warning system on the north end of town near the university campus.	Tornado	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Request legislation requiring tornado safe rooms in new mobile home communities and new residential communities without basements.	Tornado	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Seek $2.1 million in funding to install a county-wide tornado warning system complete with battery backup in communities with inadequate coverage, or no tornado siren systems.	Tornado	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

Greene County

Mitigation Action (Strategy)	Risk	Status	Ranking					
Supply of a portable 6-inch bypass pump that will be used to bypass pump the sanitary sewer in the event of a catastrophic failure of the system. The proximity of local streams, creeks, and rivers make this equipment a higher priority to prevent pollution of the environment.	Tornado	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Supply of an emergency response trailer including chainsaws, traffic safety signage, and proper PPE.	Tornado	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Test the effectiveness of tornado sirens.	Tornado	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

Greene County

Mitigation Action (Strategy)	Risk	Status	Ranking					
Tornado safe rooms for Kitridge Road, Spangler Road and Spring Valley and State Route 725 Trailer Parks.	Tornado	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Launch educational campaigns through public/government cable channels and newsletters, websites, street festivals, libraries, school functions, etc.	Water Quality	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Develop and distribute information about risks associated with wildfires.	Wildfire	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

City of Beavercreek

Mitigation Action (Strategy)	Risk	Status	Ranking					
Seek funding for, prioritize and remove and/or relocate at-risk structures or construction of improved or new storm drainage systems or levees to protect at- risk structures.	Dam/Levee Failure	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Establish a Flood Diversion program for roads in Greene County using the Hyper Reach mass notification system.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Identify at-risk structures in Special Flood Hazard Area.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

City of Beavercreek

Mitigation Action (Strategy)	Risk	Status	Ranking					
Seek funding for the acquisition, elevation, or retrofit of structures with repetitive loss flood insurance claims through voluntary (owner) mitigation actions.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Develop and complete a periodic post-educational campaign surveys to gather citizens' perceptions of the risks associated with natural disasters and the tools and services available to the public to reduce risk (Method to measure the effectiveness of educational campaigns).	Multiple Hazards	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Upgrade windows to high impact windows on schools.	Terrorism	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

City of Beavercreek

Mitigation Action (Strategy)	Risk	Status	Ranking					
Seek $2.1 million in funding to install a county-wide tornado warning system complete with battery backup in communities with inadequate coverage, or no tornado siren systems.	Tornado	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

City of Bellbrook

Mitigation Action (Strategy)	Risk	Status	Ranking					
Construct or repair storm drainage systems and/or levees.	Dam/Levee Failure	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Seek funding for, prioritize and remove and/or relocate at-risk structures or construction of improved or new storm drainage systems or levees to protect at- risk structures.	Dam/Levee Failure	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Establish a Flood Diversion program for roads in Greene County using the Hyper Reach mass notification system.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

City of Bellbrook

Mitigation Action (Strategy)	Risk	Status	Ranking					
Identify at-risk structures in Special Flood Hazard Area.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Develop and complete a periodic post-educational campaign surveys to gather citizens' perceptions of the risks associated with natural disasters and the tools and services available to the public to reduce risk (Method to measure the effectiveness of educational campaigns).	Multiple Hazards	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Upgrade windows to high impact windows on schools.	Terrorism	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

City of Bellbrook

Mitigation Action (Strategy)	Risk	Status	Ranking					
Seek $2.1 million in funding to install a county-wide tornado warning system complete with battery backup in communities with inadequate coverage, or no tornado siren systems.	Tornado	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

City of Fairborn

Mitigation Action (Strategy)	Risk	Status	Ranking					
Seek funding for, prioritize and remove and/or relocate at-risk structures or construction of improved or new storm drainage systems or levees to protect at- risk structures.	Dam/Levee Failure	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Adams St/Mitman Park Drainage Construction.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Adams St/Mitman Park Drainage Design.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

City of Fairborn

Mitigation Action (Strategy)	Risk	Status	Ranking					
Beaver control measures.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Chapel Drive at Sycamore Drainage Materials.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Circle Drive storm drainage improvements.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

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City of Fairborn

Mitigation Action (Strategy)	Risk	Status	Ranking					
Colonel Glenn drainage improvements.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Dayton-Yellow Springs drainage improvement – Commerce Center area.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Drainage area easement procurements.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

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City of Fairborn

Mitigation Action (Strategy)	Risk	Status	Ranking					
Enclose Redbank Ditch between Kauffman and Maple Avenue.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Establish a Flood Diversion program for roads in Greene County using the Hyper Reach mass notification system.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Fairfield Park drainage improvements.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

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City of Fairborn

Mitigation Action (Strategy)	Risk	Status	Ranking					
Fairfield Park pervious pavement of parking lots.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Hebble Creek reprofiling.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Hebble Creek Culvert Replacement, Central Ave.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

City of Fairborn

Mitigation Action (Strategy)	Risk	Status	Ranking					
Hebble Creek Culvert Replacement, Elm and Dayton Drive.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Hebble Creek engineering study.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Hidden Hills detection basin modifications.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

City of Fairborn

Mitigation Action (Strategy)	Risk	Status	Ranking					
Highview Drive storm sewer design and construction.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Identify at-risk structures in Special Flood Hazard Area.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Ironwood Drive storm sewer design & construction.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

City of Fairborn

Mitigation Action (Strategy)	Risk	Status	Ranking					
Kauffman Avenue drainage improvements.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Langview/Royal Oaks storm sewer design & construction.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Lincoln Drive storm sewer improvements construction.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

City of Fairborn

Mitigation Action (Strategy)	Risk	Status	Ranking					
Mark Lane ditch renovation.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Pleasant View Drainage, Phase I Construction – Redbank Parallel Trunk Sewer.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Pleasant View Drainage, Phase II Construction – Dellwood Drive Sewer	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

City of Fairborn

Mitigation Action (Strategy)	Risk	Status	Ranking					
Pleasant View Drainage, Phase II Design – Dellwood Drive Sewer.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Pleasant View Drainage, Phase III Construction – Florence Avenue Sewer.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Pleasant View Drainage, Phase III Design – Florence Avenue Sewer.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

City of Fairborn

Mitigation Action (Strategy)	Risk	Status	Ranking					
Pleasant View Drainage, Phase IV Design & Construction – Pat Lane & NE Sewer.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Redbank Ditch retaining wall replacement.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Redstone Drive storm sewer design & construction.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

City of Fairborn

Mitigation Action (Strategy)	Risk	Status	Ranking					
Seek funding for the acquisition, elevation, or retrofit of structures with repetitive loss flood insurance claims through voluntary (owner) mitigation actions.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Stormwater master plan.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Upper Orville Street Storm Improvements Design & Construction.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

City of Fairborn

Mitigation Action (Strategy)	Risk	Status	Ranking					
Wrightview Park plat storm sewer.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Develop and complete a periodic post-educational campaign surveys to gather citizens' perceptions of the risks associated with natural disasters and the tools and services available to the public to reduce risk (Method to measure the effectiveness of educational campaigns).	Multiple Hazards	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Upgrade windows to high impact windows on schools.	Terrorism	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

City of Fairborn

Mitigation Action (Strategy)	Risk	Status	Ranking					
Seek $2.1 million in funding to install a county-wide tornado warning system complete with battery backup in communities with inadequate coverage, or no tornado siren systems.	Tornado	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

City of Xenia

Mitigation Action (Strategy)	Risk	Status	Ranking					
Seek funding for, prioritize and remove and/or relocate at-risk structures or construction of improved or new storm drainage systems or levees to protect at- risk structures.	Dam/Levee Failure	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Establish a Flood Diversion program for roads in Greene County using the Hyper Reach mass notification system.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Identify at-risk structures in Special Flood Hazard Area.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

City of Xenia

Mitigation Action (Strategy)	Risk	Status	Ranking					
Rehabilitate/reconstruct E. Third Street Retaining Wall to avoid further erosion and prevent structure(s) from vulnerability to flooding.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Seek funding for the acquisition, elevation, or retrofit of structures with repetitive loss flood insurance claims through voluntary (owner) mitigation actions.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Sycamore Street property acquisitions (3 structures and 5 parcels of land that are prone to flooding).	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

City of Xenia

Mitigation Action (Strategy)	Risk	Status	Ranking					
Develop and complete a periodic post-educational campaign surveys to gather citizens' perceptions of the risks associated with natural disasters and the tools and services available to the public to reduce risk (Method to measure the effectiveness of educational campaigns).	Multiple Hazards	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Upgrade windows to high impact windows on schools.	Terrorism	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Seek $2.1 million in funding to install a county-wide tornado warning system complete with battery backup in communities with inadequate coverage, or no tornado siren systems.	Tornado	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

Village of Bowersville

Mitigation Action (Strategy)	Risk	Status	Ranking					
Seek funding for, prioritize and remove and/or relocate at-risk structures or construction of improved or new storm drainage systems or levees to protect at- risk structures.	Dam/Levee Failure	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Establish a Flood Diversion program for roads in Greene County using the Hyper Reach mass notification system.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Identify at-risk structures in Special Flood Hazard Area.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

Village of Bowersville

Mitigation Action (Strategy)	Risk	Status	Ranking					
Develop and complete a periodic post-educational campaign surveys to gather citizens' perceptions of the risks associated with natural disasters and the tools and services available to the public to reduce risk (Method to measure the effectiveness of educational campaigns).	Multiple Hazards	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Upgrade windows to high impact windows on schools.	Terrorism	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Install a tornado siren in the center of town on the corner of Maysville St. and Hussey Rd.	Tornado	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

Village of Bowersville

Mitigation Action (Strategy)	Risk	Status	Ranking					
Seek $2.1 million in funding to install a county-wide tornado warning system complete with battery backup in communities with inadequate coverage, or no tornado siren systems.	Tornado	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

Village of Cedarville

Mitigation Action (Strategy)	Risk	Status	Ranking					
Push in the old water retention reservoir that is no longer in use. It is a breeding area for rodents and mosquitoes and a drowning risk for area youth.	Dam/Levee Failure	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Widen the culvert from SR 72 to West Xenia Ave. It is insufficient, needs to be 36 inches.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Village administrative building that can double as shelter from tornadoes for community members and a command center for disasters and other emergencies that occur in the Village or the eastern half of Greene County.	Tornado	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

Village of Jamestown

Mitigation Action (Strategy)	Risk	Status	Ranking					
Seek funding for new storm drainage systems or levees to protect at-risk structures.	Dam/Levee Failure	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Seek funding for, prioritize and remove and/or relocate at-risk structures or construction of improved or new storm drainage systems or levees to protect at- risk structures.	Dam/Levee Failure	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Establish a Flood Diversion program for roads in Greene County using the Hyper Reach mass notification system.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

Village of Jamestown

Mitigation Action (Strategy)	Risk	Status	Ranking					
Identify at-risk structures in Special Flood Hazard Area.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Develop and complete a periodic post-educational campaign surveys to gather citizens' perceptions of the risks associated with natural disasters and the tools and services available to the public to reduce risk (Method to measure the effectiveness of educational campaigns).	Multiple Hazards	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Upgrade windows to high impact windows on schools.	Terrorism	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

Village of Jamestown

Mitigation Action (Strategy)	Risk	Status	Ranking					
In the event a county-wide warning siren system cannot be achieved, the following jurisdictions have requested funding to replace existing equipment or install new equipment: Jamestown.	Tornado	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Seek $2.1 million in funding to install a county-wide tornado warning system complete with battery backup in communities with inadequate coverage, or no tornado siren systems.	Tornado	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

Village of Spring Valley

Mitigation Action (Strategy)	Risk	Status	Ranking					
Seek funding for, prioritize and remove and/or relocate at-risk structures or construction of improved or new storm drainage systems or levees to protect at- risk structures.	Dam/Levee Failure	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Establish a Flood Diversion program for roads in Greene County using the Hyper Reach mass notification system.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Purchase a second pump for the stormwater system.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

Village of Spring Valley

Mitigation Action (Strategy)	Risk	Status	Ranking					
Develop and complete a periodic post-educational campaign surveys to gather citizens' perceptions of the risks associated with natural disasters and the tools and services available to the public to reduce risk (Method to measure the effectiveness of educational campaigns).	Multiple Hazards	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Purchase a generator.	Severe Summer Weather	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Seek $2.1 million in funding to install a county-wide tornado warning system complete with battery backup in communities with inadequate coverage, or no tornado siren systems.	Tornado	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

Village of Yellow Spring

Mitigation Action (Strategy)	Risk	Status	Ranking					
Seek funding for new storm drainage systems or levees to protect at-risk structures.	Dam/Levee Failure	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Seek funding for, prioritize and remove and/or relocate at-risk structures or construction of improved or new storm drainage systems or levees to protect at- risk structures.	Dam/Levee Failure	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Establish a Flood Diversion program for roads in Greene County using the Hyper Reach mass notification system.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

Village of Yellow Spring

Mitigation Action (Strategy)	Risk	Status	Ranking					
Identify at-risk structures in Special Flood Hazard Area.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Update stormwater systems and reline sewer system.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Develop a program providing assistance for the disparate population.	Public Health Emergency (Epidemic)	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

Village of Yellow Spring

Mitigation Action (Strategy)	Risk	Status	Ranking					
Install underground power lines.	Severe Summer Weather	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Purchase and install a security camera system.	Terrorism	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Monitoring wells for the source water contamination.	Water Quality	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

Cedarville Township

Mitigation Action (Strategy)	Risk	Status	Ranking					
Identify at-risk structures in Special Flood Hazard Area.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Install a tornado warning system on the north end of town near the university campus.	Tornado	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

Miami Conservancy District

Mitigation Action (Strategy)	Risk	Status	Ranking					
Concrete, structural repairs, and other improvements at Huffman Dam.	Dam/Levee Failure	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Develop a dam failure evacuation plan for Huffman Dam.	Dam/Levee Failure	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Structural stability analysis of Huffman Dam to assess any risks and develop a rehabilitation strategy, if necessary.	Dam/Levee Failure	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Sign-In Sheet: Planning Meeting #1

March 11, 2025
2:00 p.m.

NAME	PHONE	EMAIL	EMPLOYER	TITLE
Brad Balonier	937-562-4834	Bradley.balonier@greenecountyohio.gov	Greene County Sheriff's Office	Major
Brandon Huddleson	937-562-5002		Greene County	Administrator
Brent Merriman	937-376-7231	bmerriman@cityofxenia.org	City of Xenia	City Manager
Brian Housh	937-776-9566	brianhoush@yso.org	Village of Yellow Springs	Council Member
Brian Masser	937-766-6000		Cedar Cliff Local Schools	Superintendent
Dan Funk	937-532-9816	Dan.funk@greenecountyohio.gov	Greene County Sheriff's Office	Captain
Mark Chandler	937-562-7450		Greene County Sanitary Engineering	Director
David Cox		David.cox@wright.edu	Wright State University	Emergency Manager
Holly Langham	740-852-4200	Holly.langham@madison.oh.gov	Madison County EMA	Deputy Director
Dana Doll	937-562-5930	dana.doll@greenecountyohio.gov	Greene County	Environmental Services Manager
Don Adams	214-215-1350	adams@beavercreekohio.gov	City of Beavercreek	Mayor
Emma Allington	937-223-1271 x3242	eallington@mcdwater.org	Miami Conservancy District	Engineering Associate
Eric Henry	937-376-7231	ehenry@cityofxenia.org	City of Xenia	Asst. City Manager / Dev. Services Director
Jason Foster		Jason.foster@greenecountyohio.gov	Greene County	Development Director
Jeff Eckley	937-848-5001 x6101	Jeff.eckley@bss.k12.oh.us	Bellbrook Sugarcreek Schools	Manager of Business Bellbrook Schools

Sign-In Sheet: Planning Meeting #1

March 11, 2025
2:00 p.m.

NAME	PHONE	EMAIL	EMPLOYER	TITLE
Joey Shope	937-427-5540	shope@beavercreekohio.gov	City of Beavercreek	Asst. Public Service Director
Kim Caudill	937-374-5627	kcaudill@gcph.info	Greene County Public Health	Emergency Response Coordinator
Lisa Hale	937-562-5213		Greene County	Risk Management Director
Nick Amato	937-426-1225	amatov@beavercreekohio.gov	Beavercreek Police	Captain, Support Services
Mike Hummel	937-426-1225	hummelm@beavercreekohio.gov	Beavercreek Police	Sergeant
Neil Yockey	614-671-4250	neyockey@dps.ohio.gov	Ohio EMA	EM Specialist, SW Regional Operations
Deb Sims	740-837-6547	Deb.sims@madison.oh.gov	Madison County EMA	Director
Kate Hone	937-238-4957	katehone@icloud.com	Beavercreek Township Fire Dept.	Aux / Cert Lead
Linda Johannes	937-271-9514	lindaj@gcfp.org	Greene County FISH Pantry	Board member
Al Kuzma	937-562-7427	Al.kuzma@greenecountyohio.gov	Greene County	Director of Building Regulations
Nathan Hiester	937-604-9606	nhiester@beavercreektownship.org	Beavercreek Twp.	Division Fire Chief
Jeff Leaming	937-673-5936	Jeff.leaming@greenecountyohio.gov	Greene County	Central Dispatch Coordinator
Jerrod Pickens	937-286-1884	Jerrod.pickens@greenecountyohio.gov	Greene County Engineer	Equipment Superintendent
Eric Miller	937-562-7514	Eric.miller@greenecountyohio.gov	Greene County Engineer	Highway Superintendent
Mary Porter	937-572-2512	mporter@gdaha.org	Greater Dayton Area Hospital Assn.	Regional Healthcare Coordinator

Sign-In Sheet: Planning Meeting #1

March 11, 2025
2:00 p.m.

NAME	PHONE	EMAIL	EMPLOYER	TITLE
Molly Dargarell	937-414-2421	mdargarell@gdaha.org	Greater Dayton Area Hospital Assn.	HC Prep Coordinator
James Hern	937-843-8845	James.hern@fairviewoh.gov	Fairborn Police Dept.	Captain
Kyle Miller	937-605-6602	miller@cedarvilletwp.us	Cedarville Twp.	Fire Chief
Brian Noah	937-729-9118	bnoah@jamestownohio.gov	Jamestown Police Dept.	Chief
DeAndra Navrahl	937-562-7460	Deandra.navrahl@greenecountyohio.gov	Greene County	Regional Planning Director
Paul Otten	937-458-2428	Paul.otten@gocreek.org	Beavercreek CSD	Superintendent
Scott Miller	937-271-1687	smiller@xeniatownshipoh.gov	Xenia Twp.	Trustee
Johnnie Burns	937-371-0356	Johnnie.burns@yellowsprings.gov	Yellow Springs	Village Manager
Ethan Raby	937-562-5962	Ethan.raby@greenecountyohio.gov	Green County EMA	Director

Sign-In Sheet: Public Meeting #1

March 11, 2025
5:00 p.m.

NAME	PHONE	EMAIL	EMPLOYER	TITLE
Michelle Clements	937-878-0611	mclements@bathtwp.us	Bath Township	Trustee
Jeff Bruggeman	937-376-7281	jbruggeman@cityofxenia.com	Xenia Fire Dept	Captain
Beth Rubin	937-562-6450	Beth.rubin@jfs.ohio.gov	Greene County	Job & Family Svcs. Director
Marvin Moeller	937-271-5534	leaderdude@aol.com	Sugarcreek Twp.	Trustee
Michael Gebhart	937-754-3056	michael.gebhart@fairbornoh.gov	City of Fairborn	City Manager
Tana Stanton	937-754-3030	tana4citycouncil@gmail.com	City of Fairborn	Town Councilwoman

PUBLIC MEETING ANNOUNCEMENT

Greene County was recently awarded a Pre-Disaster Mitigation Grant to update our County's Hazard Mitigation Plan. This update is required by FEMA every five years to remain eligible for funding for projects. Municipalities, police and fire departments, schools, businesses, and the public may receive funding for any mitigation strategy found in the approved and adopted plan update. Community input is critical to this plan's success (and the FEMA approval process). As such, **we are asking for your participation in the planning process at one of the following meetings.**

Public Meeting 1
Tuesday, March 11, 2025, at 5:00 PM
Greene County Media Room
541 Ledbetter Rd.
Xenia, OH 45385

Public Meeting 2
Tuesday, April 16, 2025, at 5:00 PM
Greene County Media Room
541 Ledbetter Rd.
Xenia, OH 45385

These meetings will be offered in multiple formats that allow stakeholders and the public to participate however they are available and comfortable. These meeting formats will include live in-person meetings, or online via Microsoft teams, and paper and digital surveys. Links to the meetings can be found on the Greene Hazard Mitigation Plan Website linked below.

Prior to the meeting, we have two action items for your completion:

1. **Review the attached items**, which describe the goal of the hazard mitigation planning process, who is involved in updating the plan, why the plan needs to be updated, and an overview of the planning process and schedule.
2. **Complete the Goals & Hazard Priority Surveys** prior to the meeting by accessing the surveys via project webpage, where you can choose to complete the surveys online via a SurveyMonkey or download a PDF.

Many of you may wonder why you have been asked to participate in this process. Updating the Hazard Mitigation Plan every five years allows us to identify opportunities to lessen the potential impacts from disasters and allows us to evaluate projects that have been completed during the past five-year cycle. All possible projects are identified by YOU, our community leaders. Once our plan has gone through the FEMA approval process and has been adopted locally, we can apply for grant funding that could potentially cover 75% of the costs associated with those projects.

Thank you for supporting our project and we look forward to seeing you on March 11th!

Reference Material Links
1. Plan Overview (link)
2. 2020 Plan (link)
3. Greene HMP website (link)

Ethan Raby, Director
Greene County Emergency Management Agency
45 N. Detroit St.
Xenia, Ohio 45385
Phone: (937) 562-5962
Email: ethan.raby@greenecountyohio.gov

Ethan Raby, Director
Greene County Emergency Management Agency
45 N. Detroit St.
Xenia, Ohio 45385
Phone: (937) 562-5962

Greene County Emergency Management Agency
Greene County Emergency Management Agency
45 N. Detroit St.
Xenia, Ohio 45385
Phone: (937) 562-5962

July 15, 2025

To Whom it May Concern:

The Greene County Hazard Mitigation Plan is due for updating. It is necessary to update the Plan every five years so that the County and participating communities remain eligible for pre-disaster and post-disaster mitigation grant programs.

We are currently in the process of identifying potential hazards and are in need of participation by residents in Greene County. A public involvement meeting has been arranged for **Tuesday, March 11, 2025, at 5:00 PM** via Microsoft Teams and in person at the Greene County Media Room (541 Ledbetter Rd. Xenia, Ohio 45385) with public attendance very much needed for feedback. Members of the public can join the virtual meeting using the following links and phone numbers:

Public Meeting
Tuesday, March 11, 2025, at 5:00 PM

Please join the meeting from your computer, tablet, or smartphone.
Access the Microsoft Teams Meeting Link at burtonplanning.com/greene-hmp.

You can also dial in using your phone (audio only)
+1 469-998-7570
Phone Conference ID: 736 957 918#

Meeting materials will also be made available on the project website (https://burtonplanning.com/greene-hmp/). At this meeting each potential natural, geological, and human-caused hazard will be reviewed to determine its potential threat to Greene County. The public's feedback is essential to provide input on any potential hazards and to rate the priority of the hazards that will be included in the next plan.

Signed,

Ethan Raby, Greene County EMA Director

Planning Meeting 2

MITIGATION ACTION SCORING MATRIX

Step One:

In the following tables, enter your name and position and select one of the following status options for each mitigation action in your jurisdiction:

- **Completed** (Use this if the action was completed)
- **Deleted** (Use this if you would like to remove the action from your new plan)
- **Ongoing** (Use this if you would like the action to carry through to your next plan)

Step two:

By marking the actions as Ongoing the action will be added to the new plan. In order to rank them effectively we ask that you score each of the following:

6. **Cost Effective** – Rank 1 – 5 – the cost effectiveness of each proposed mitigation action, with 5 being the most cost effective and 1 being the least cost effective.
7. **Technically Feasible** – Rank 1 – 5 – the feasibility of each proposed mitigation action, with 5 being the most feasible and 1 being the least feasible.
8. **Environmentally Sound** – Rank 1 – 5 – the proposed mitigation action in terms of how environmentally sound it seems, with 5 being the most sound and 1 being the least sound.
9. **Immediate Need** – Rank 1 – 5 – whether each proposed mitigation action is needed immediately, with 5 being the most immediate need and 1 being not an immediate need.
10. **Risk Reduction** – Rank 1 – 5 – the proposed mitigation action on the extent to which it will reduce the total risk of the associated hazard, with 5 being the greatest contribution to risk reduction and 1 being the least contribution to risk reduction.

If you have any additional comments for a mitigation action, please leave them below each action.

Name:	Title and Organization:

City of Beavercreek

Mitigation Action (Strategy)	Risk	Status	Ranking					
Seek funding for, prioritize and remove and/or relocate at-risk structures or construction of improved or new storm drainage systems or levees to protect at- risk structures.	Dam/Levee Failure	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Establish a Flood Diversion program for roads in Greene County using the Hyper Reach mass notification system.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Identify at-risk structures in Special Flood Hazard Area.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

City of Beavercreek

Mitigation Action (Strategy)	Risk	Status	Ranking					
Seek funding for the acquisition, elevation, or retrofit of structures with repetitive loss flood insurance claims through voluntary (owner) mitigation actions.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Develop and complete a periodic post-educational campaign surveys to gather citizens' perceptions of the risks associated with natural disasters and the tools and services available to the public to reduce risk (Method to measure the effectiveness of educational campaigns).	Multiple Hazards	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Upgrade windows to high impact windows on schools.	Terrorism	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

City of Beavercreek

Mitigation Action (Strategy)	Risk	Status	Ranking					
Seek $2.1 million in funding to install a county-wide tornado warning system complete with battery backup in communities with inadequate coverage, or no tornado siren systems.	Tornado	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

MITIGATION ACTION SCORING MATRIX

Instructions

To complete this matrix, please write in each mitigation action applicable to your jurisdiction. Please score it from 1-5 for each category described below. For each category, a rating of 1 is the lowest score, a rating of 3 is neutral/unsure, and a rating of 5 is the highest score.

1. **Cost Effective – Rank 1 – 5** – the cost effectiveness of each proposed mitigation action, with 5 being the most cost effective and 1 being the least cost effective.
2. **Technically Feasible – Rank 1 – 5** – the feasibility of each proposed mitigation action, with 5 being the most feasible and 1 being the least feasible.
3. **Environmentally Sound – Rank 1 – 5** – the proposed mitigation action in terms of how environmentally sound it seems, with 5 being the most sound and 1 being the least sound.
4. **Immediate Need – Rank 1 – 5** – whether each proposed mitigation action is needed immediately, with 5 being the most immediate need and 1 being not an immediate need.
5. **Risk Reduction – Rank 1 – 5** – the proposed mitigation action on the extent to which it will reduce the total risk of the associated hazard, with 5 being the greatest contribution to risk reduction and 1 being the least contribution to risk reduction.

We encourage you to consider regularly occurring problems for each hazard listed below and suggest mitigation actions for these problems. You may also list regularly occurring problems within your community without suggesting a mitigation action.

Every jurisdiction (County, City, and Village) must have one mitigation action for each hazard they scored on their hazard priority. The following pages include four new FEMA-required actions for you to score. If an action is applicable, please score the action. If it is not applicable to your jurisdiction (i.e. your jurisdiction doesn't have any dams) please skip (don't score) the action.

Following the required new actions, you will have the space to draft new mitigation actions that are applicable to your jurisdiction and score them. Please list the applicable hazard for each new drafted action. Any new actions must correspond with the county's hazard priorities as follows: Severe Winter Weather, Tornadoes, Flooding, Severe Summer Weather, Drought and Extreme Heat, Invasive Species, Earthquakes, Dam/Levee Failure, Wildfire, and Landslides/Land Subsidence.

Name:	Title and Organization:	Jurisdiction:

Mitigation Action (Strategy)	Risk	Ranking					
Required: Work with all jurisdictions on filling in gaps and strengthening capabilities in enacting mitigation strategies.		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
Required: Ensure all eligible jurisdictions are participating in the NFIP.		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
Required: Ensure all high-hazard potential dams have updated Emergency Action Plans (EAPs) in place.		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

Name:	Title and Organization:	Jurisdiction:

Mitigation Action (Strategy)	Risk	Ranking					
Required: Obtain or create inundation maps for all dams.		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

Name:	Title and Organization:	Jurisdiction:

Mitigation Action (Strategy)	Risk	Ranking					
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

Name:	Title and Organization:	Jurisdiction:

Mitigation Action (Strategy)	Risk	Ranking					
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

Name:	Title and Organization:	Jurisdiction:

Mitigation Action (Strategy)	Risk	Ranking					
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

Name:	Title and Organization:	Jurisdiction:

Mitigation Action (Strategy)	Risk	Ranking					
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

MITIGATION ACTION SCORING MATRIX

Step One:

In the following tables, enter your name and position and select one of the following status options for each mitigation action in your jurisdiction:

- **Completed** (Use this if the action was completed)
- **Deleted** (Use this if you would like to remove the action from your new plan)
- **Ongoing** (Use this if you would like the action to carry through to your next plan)

Step two:

By marking the actions as Ongoing the action will be added to the new plan. In order to rank them effectively we ask that you score each of the following:

6. **Cost Effective** – Rank 1 – 5 – the cost effectiveness of each proposed mitigation action, with 5 being the most cost effective and 1 being the least cost effective.
7. **Technically Feasible** – Rank 1 – 5 – the feasibility of each proposed mitigation action, with 5 being the most feasible and 1 being the least feasible.
8. **Environmentally Sound** – Rank 1 – 5 – the proposed mitigation action in terms of how environmentally sound it seems, with 5 being the most sound and 1 being the least sound.
9. **Immediate Need** – Rank 1 – 5 – whether each proposed mitigation action is needed immediately, with 5 being the most immediate need and 1 being not an immediate need.
10. **Risk Reduction** – Rank 1 – 5 – the proposed mitigation action on the extent to which it will reduce the total risk of the associated hazard, with 5 being the greatest contribution to risk reduction and 1 being the least contribution to risk reduction.

If you have any additional comments for a mitigation action, please leave them below each action.

Name:	Title and Organization:

City of Bellbrook

Mitigation Action (Strategy)	Risk	Status	Ranking					
Construct or repair storm drainage systems and/or levees.	Dam/Levee Failure	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Seek funding for, prioritize and remove and/or relocate at-risk structures or construction of improved or new storm drainage systems or levees to protect at- risk structures.	Dam/Levee Failure	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Establish a Flood Diversion program for roads in Greene County using the Hyper Reach mass notification system.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

City of Bellbrook

Mitigation Action (Strategy)	Risk	Status	Ranking					
Identify at-risk structures in Special Flood Hazard Area.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Develop and complete a periodic post-educational campaign surveys to gather citizens' perceptions of the risks associated with natural disasters and the tools and services available to the public to reduce risk (Method to measure the effectiveness of educational campaigns).	Multiple Hazards	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Upgrade windows to high impact windows on schools.	Terrorism	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

City of Bellbrook

Mitigation Action (Strategy)	Risk	Status	Ranking					
Seek $2.1 million in funding to install a county-wide tornado warning system complete with battery backup in communities with inadequate coverage, or no tornado siren systems.	Tornado	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

MITIGATION ACTION SCORING MATRIX

Instructions

To complete this matrix, please write in each mitigation action applicable to your jurisdiction. Please score it from 1-5 for each category described below. For each category, a rating of 1 is the lowest score, a rating of 3 is neutral/unsure, and a rating of 5 is the highest score.

1. **Cost Effective – Rank 1 – 5** – the cost effectiveness of each proposed mitigation action, with 5 being the most cost effective and 1 being the least cost effective.
2. **Technically Feasible – Rank 1 – 5** – the feasibility of each proposed mitigation action, with 5 being the most feasible and 1 being the least feasible.
3. **Environmentally Sound – Rank 1 – 5** – the proposed mitigation action in terms of how environmentally sound it seems, with 5 being the most sound and 1 being the least sound.
4. **Immediate Need – Rank 1 – 5** – whether each proposed mitigation action is needed immediately, with 5 being the most immediate need and 1 being not an immediate need.
5. **Risk Reduction – Rank 1 – 5** – the proposed mitigation action on the extent to which it will reduce the total risk of the associated hazard, with 5 being the greatest contribution to risk reduction and 1 being the least contribution to risk reduction.

We encourage you to consider regularly occurring problems for each hazard listed below and suggest mitigation actions for these problems. You may also list regularly occurring problems within your community without suggesting a mitigation action.

Every jurisdiction (County, City, and Village) must have one mitigation action for each hazard they scored on their hazard priority. The following pages include four new FEMA-required actions for you to score. If an action is applicable, please score the action. If it is not applicable to your jurisdiction (i.e. your jurisdiction doesn't have any dams) please skip (don't score) the action.

Following the required new actions, you will have the space to draft new mitigation actions that are applicable to your jurisdiction and score them. Please list the applicable hazard for each new drafted action. Any new actions must correspond with the county's hazard priorities as follows: Severe Winter Weather, Tornadoes, Flooding, Severe Summer Weather, Drought and Extreme Heat, Invasive Species, Earthquakes, Dam/Levee Failure, Wildfire, and Landslides/Land Subsidence.

Name:	Title and Organization:	Jurisdiction:

Mitigation Action (Strategy)	Risk	Ranking					
Required: Work with all jurisdictions on filling in gaps and strengthening capabilities in enacting mitigation strategies.		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
Required: Ensure all eligible jurisdictions are participating in the NFIP.		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
Required: Ensure all high-hazard potential dams have updated Emergency Action Plans (EAPs) in place.		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

Name:	Title and Organization:	Jurisdiction:

Mitigation Action (Strategy)	Risk	Ranking					
Required: Obtain or create inundation maps for all dams.		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

Name:	Title and Organization:	Jurisdiction:

Mitigation Action (Strategy)	Risk	Ranking					
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

Name:	Title and Organization:	Jurisdiction:

Mitigation Action (Strategy)	Risk	Ranking					
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

Name:	Title and Organization:	Jurisdiction:

Mitigation Action (Strategy)	Risk	Ranking					
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

Name:	Title and Organization:	Jurisdiction:

Mitigation Action (Strategy)	Risk	Ranking					
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

MITIGATION ACTION SCORING MATRIX

Step One:

In the following tables, enter your name and position and select one of the following status options for each mitigation action in your jurisdiction:

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Step two:

By marking the actions as Ongoing the action will be added to the new plan. In order to rank them effectively we ask that you score each of the following:

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8. **Environmentally Sound** – Rank 1 – 5 – the proposed mitigation action in terms of how environmentally sound it seems, with 5 being the most sound and 1 being the least sound.
9. **Immediate Need** – Rank 1 – 5 – whether each proposed mitigation action is needed immediately, with 5 being the most immediate need and 1 being not an immediate need.
10. **Risk Reduction** – Rank 1 – 5 – the proposed mitigation action on the extent to which it will reduce the total risk of the associated hazard, with 5 being the greatest contribution to risk reduction and 1 being the least contribution to risk reduction.

If you have any additional comments for a mitigation action, please leave them below each action.

Name:	Title and Organization:

City of Fairborn

Mitigation Action (Strategy)	Risk	Status	Ranking					
Seek funding for, prioritize and remove and/or relocate at-risk structures or construction of improved or new storm drainage systems or levees to protect at- risk structures.	Dam/Levee Failure	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Adams St/Mitman Park Drainage Construction.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Adams St/Mitman Park Drainage Design.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

City of Fairborn

Mitigation Action (Strategy)	Risk	Status	Ranking					
Beaver control measures.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Chapel Drive at Sycamore Drainage Materials.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Circle Drive storm drainage improvements.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

City of Fairborn

Mitigation Action (Strategy)	Risk	Status	Ranking					
Colonel Glenn drainage improvements.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Dayton-Yellow Springs drainage improvement – Commerce Center area.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Drainage area easement procurements.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

City of Fairborn

Mitigation Action (Strategy)	Risk	Status	Ranking					
Enclose Redbank Ditch between Kauffman and Maple Avenue.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Establish a Flood Diversion program for roads in Greene County using the Hyper Reach mass notification system.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Fairfield Park drainage improvements.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

City of Fairborn

Mitigation Action (Strategy)	Risk	Status	Ranking					
Fairfield Park pervious pavement of parking lots.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Hebble Creek reprofiling.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Hebble Creek Culvert Replacement, Central Ave.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

City of Fairborn

Mitigation Action (Strategy)	Risk	Status	Ranking					
Hebble Creek Culvert Replacement, Elm and Dayton Drive.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Hebble Creek engineering study.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Hidden Hills detection basin modifications.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

City of Fairborn

Mitigation Action (Strategy)	Risk	Status	Ranking					
Highview Drive storm sewer design and construction.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Identify at-risk structures in Special Flood Hazard Area.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Ironwood Drive storm sewer design & construction.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

City of Fairborn

Mitigation Action (Strategy)	Risk	Status	Ranking					
Kauffman Avenue drainage improvements.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Langview/Royal Oaks storm sewer design & construction.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Lincoln Drive storm sewer improvements construction.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

City of Fairborn

Mitigation Action (Strategy)	Risk	Status	Ranking					
Mark Lane ditch renovation.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Pleasant View Drainage, Phase I Construction – Redbank Parallel Trunk Sewer.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Pleasant View Drainage, Phase II Construction – Dellwood Drive Sewer	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

City of Fairborn

Mitigation Action (Strategy)	Risk	Status	Ranking					
Pleasant View Drainage, Phase II Design – Dellwood Drive Sewer.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Pleasant View Drainage, Phase III Construction – Florence Avenue Sewer.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Pleasant View Drainage, Phase III Design – Florence Avenue Sewer.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

City of Fairborn

Mitigation Action (Strategy)	Risk	Status	Ranking					
Pleasant View Drainage, Phase IV Design & Construction – Pat Lane & NE Sewer.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Redbank Ditch retaining wall replacement.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Redstone Drive storm sewer design & construction.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

City of Fairborn

Mitigation Action (Strategy)	Risk	Status	Ranking					
Seek funding for the acquisition, elevation, or retrofit of structures with repetitive loss flood insurance claims through voluntary (owner) mitigation actions.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Stormwater master plan.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Upper Orville Street Storm Improvements Design & Construction.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

City of Fairborn

Mitigation Action (Strategy)	Risk	Status	Ranking					
Wrightview Park plat storm sewer.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Develop and complete a periodic post-educational campaign surveys to gather citizens' perceptions of the risks associated with natural disasters and the tools and services available to the public to reduce risk (Method to measure the effectiveness of educational campaigns).	Multiple Hazards	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Upgrade windows to high impact windows on schools.	Terrorism	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

City of Fairborn

Mitigation Action (Strategy)	Risk	Status	Ranking					
Seek $2.1 million in funding to install a county-wide tornado warning system complete with battery backup in communities with inadequate coverage, or no tornado siren systems.	Tornado	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

MITIGATION ACTION SCORING MATRIX

Instructions

To complete this matrix, please write in each mitigation action applicable to your jurisdiction. Please score it from 1-5 for each category described below. For each category, a rating of 1 is the lowest score, a rating of 3 is neutral/unsure, and a rating of 5 is the highest score.

1. **Cost Effective – Rank 1 – 5** – the cost effectiveness of each proposed mitigation action, with 5 being the most cost effective and 1 being the least cost effective.
2. **Technically Feasible – Rank 1 – 5** – the feasibility of each proposed mitigation action, with 5 being the most feasible and 1 being the least feasible.
3. **Environmentally Sound – Rank 1 – 5** – the proposed mitigation action in terms of how environmentally sound it seems, with 5 being the most sound and 1 being the least sound.
4. **Immediate Need – Rank 1 – 5** – whether each proposed mitigation action is needed immediately, with 5 being the most immediate need and 1 being not an immediate need.
5. **Risk Reduction – Rank 1 – 5** – the proposed mitigation action on the extent to which it will reduce the total risk of the associated hazard, with 5 being the greatest contribution to risk reduction and 1 being the least contribution to risk reduction.

We encourage you to consider regularly occurring problems for each hazard listed below and suggest mitigation actions for these problems. You may also list regularly occurring problems within your community without suggesting a mitigation action.

Every jurisdiction (County, City, and Village) must have one mitigation action for each hazard they scored on their hazard priority. The following pages include four new FEMA-required actions for you to score. If an action is applicable, please score the action. If it is not applicable to your jurisdiction (i.e. your jurisdiction doesn't have any dams) please skip (don't score) the action.

Following the required new actions, you will have the space to draft new mitigation actions that are applicable to your jurisdiction and score them. Please list the applicable hazard for each new drafted action. Any new actions must correspond with the county's hazard priorities as follows: Severe Winter Weather, Tornadoes, Flooding, Severe Summer Weather, Drought and Extreme Heat, Invasive Species, Earthquakes, Dam/Levee Failure, Wildfire, and Landslides/Land Subsidence.

Name:	Title and Organization:	Jurisdiction:

Mitigation Action (Strategy)	Risk	Ranking					
Required: Work with all jurisdictions on filling in gaps and strengthening capabilities in enacting mitigation strategies.		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
Required: Ensure all eligible jurisdictions are participating in the NFIP.		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
Required: Ensure all high-hazard potential dams have updated Emergency Action Plans (EAPs) in place.		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

Name:	Title and Organization:	Jurisdiction:

Mitigation Action (Strategy)	Risk	Ranking					
Required: Obtain or create inundation maps for all dams.		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

Name:	Title and Organization:	Jurisdiction:

Mitigation Action (Strategy)	Risk	Ranking					
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

Name:	Title and Organization:	Jurisdiction:

Mitigation Action (Strategy)	Risk	Ranking					
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

Name:	Title and Organization:	Jurisdiction:

Mitigation Action (Strategy)	Risk	Ranking					
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

Name:	Title and Organization:	Jurisdiction:

Mitigation Action (Strategy)	Risk	Ranking					
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

MITIGATION ACTION SCORING MATRIX

Please rank your previous mitigation actions for the following:

1. **Cost Effective** – Rank 1 – 5 – the cost effectiveness of each proposed mitigation action, with 5 being the most cost effective and 1 being the least cost effective.
2. **Technically Feasible** – Rank 1 – 5 – the feasibility of each proposed mitigation action, with 5 being the most feasible and 1 being the least feasible.
3. **Environmentally Sound** – Rank 1 – 5 – the proposed mitigation action in terms of how environmentally sound it seems, with 5 being the most sound and 1 being the least sound.
4. **Immediate Need** – Rank 1 – 5 – whether each proposed mitigation action is needed immediately, with 5 being the most immediate need and 1 being not an immediate need.
5. **Risk Reduction** – Rank 1 – 5 – the proposed mitigation action on the extent to which it will reduce the total risk of the associated hazard, with 5 being the greatest contribution to risk reduction and 1 being the least contribution to risk reduction.

If you have any additional comments for a mitigation action, please leave them below each action.

Name:	Position:

City of Xenia

Mitigation Action (Strategy)	Risk	Ranking					
Seek funding for, prioritize and remove and/or relocate at-risk structures or construction of improved or new storm drainage systems or levees to protect at- risk structures.	Dam/Levee Failure	Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
Establish a Flood Diversion program for roads in Greene County using the Hyper Reach mass notification system.	Flooding	Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
Identify at-risk structures in Special Flood Hazard Area.	Flooding	Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

Name:	Position:

City of Xenia

Mitigation Action (Strategy)	Risk	Ranking					
Rehabilitate/reconstruct E. Third Street Retaining Wall to avoid further erosion and prevent structure(s) from vulnerability to flooding.	Flooding	Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
Seek funding for the acquisition, elevation, or retrofit of structures with repetitive loss flood insurance claims through voluntary (owner) mitigation actions.	Flooding	Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
Sycamore Street property acquisitions (3 structures and 5 parcels of land that are prone to flooding).	Flooding	Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

Name:	Position:

City of Xenia

Mitigation Action (Strategy)	Risk	Ranking					
Develop and complete a periodic post- educational campaign surveys to gather citizens' perceptions of the risks associated with natural disasters and the tools and services available to the public to reduce risk (Method to measure the effectiveness of educational campaigns).	Multiple Hazards	Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
Upgrade windows to high impact windows on schools.	Terrorism	Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
Seek $2.1 million in funding to install a county-wide tornado warning system complete with battery backup in communities with inadequate coverage, or no tornado siren systems.	Tornado	Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

MITIGATION ACTION SCORING MATRIX

Instructions

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Name:	Title and Organization:	Jurisdiction:

Mitigation Action (Strategy)	Risk	Ranking					
Required: Work with all jurisdictions on filling in gaps and strengthening capabilities in enacting mitigation strategies.		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
Required: Ensure all eligible jurisdictions are participating in the NFIP.		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
Required: Ensure all high-hazard potential dams have updated Emergency Action Plans (EAPs) in place.		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

Name:	Title and Organization:	Jurisdiction:

Mitigation Action (Strategy)	Risk	Ranking					
Required: Obtain or create inundation maps for all dams.		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
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		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

Name:	Title and Organization:	Jurisdiction:

Mitigation Action (Strategy)	Risk	Ranking					
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

Name:	Title and Organization:	Jurisdiction:

Mitigation Action (Strategy)	Risk	Ranking					
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

Name:	Title and Organization:	Jurisdiction:

Mitigation Action (Strategy)	Risk	Ranking					
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

Name:	Title and Organization:	Jurisdiction:

Mitigation Action (Strategy)	Risk	Ranking					
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
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		Environmentally Sound	1	2	3	4	5
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		Risk Reduction	1	2	3	4	5

MITIGATION ACTION SCORING MATRIX

Please rank your previous mitigation actions for the following:

1. **Cost Effective** – Rank 1 – 5 – the cost effectiveness of each proposed mitigation action, with 5 being the most cost effective and 1 being the least cost effective.
2. **Technically Feasible** – Rank 1 – 5 – the feasibility of each proposed mitigation action, with 5 being the most feasible and 1 being the least feasible.
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4. **Immediate Need** – Rank 1 – 5 – whether each proposed mitigation action is needed immediately, with 5 being the most immediate need and 1 being not an immediate need.
5. **Risk Reduction** – Rank 1 – 5 – the proposed mitigation action on the extent to which it will reduce the total risk of the associated hazard, with 5 being the greatest contribution to risk reduction and 1 being the least contribution to risk reduction.

If you have any additional comments for a mitigation action, please leave them below each action.

Name:	Position:

Greene County

Mitigation Action (Strategy)	Risk	Ranking					
Concrete, structural repairs, and other improvements at Huffman Dam.	Dam/Levee Failure	Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
Construct or repair storm drainage systems and/or levees.	Dam/Levee Failure	Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
Develop a dam failure evacuation plan for Huffman Dam.	Dam/Levee Failure	Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

Name:	Position:

Greene County

Mitigation Action (Strategy)	Risk	Ranking					
Structural stability analysis of Huffman Dam to assess any risks and develop a rehabilitation strategy, if necessary.	Dam/Levee Failure	Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
Update dam maintenance programs and services.	Dam/Levee Failure	Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
Develop and distribute information about risks associated with drought.	Drought	Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

Name:	Position:

Greene County

Mitigation Action (Strategy)	Risk	Ranking					
Require compliance and enforcement of existing building codes.	Earthquakes	Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
Establish clearly identified places of refuge within public facilities and spaces, neighborhoods, and businesses.	Extreme Temperatures	Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
Establish program(s) providing air conditioning to at-risk populations.	Extreme Temperatures	Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

Name:	Position:

Greene County

Mitigation Action (Strategy)	Risk	Ranking					
Provide water and shade at all public outdoor events during extreme heat.	Extreme Temperatures	Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
Develop a set of planned alternative routes and gate frequently flooded areas and inform the citizens.	Flooding	Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
Develop and distribute an informational brochure on the types of homeowner's hazard insurance, i.e. flood, fire, earthquake, etc.	Flooding	Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

Name:	Position:

Greene County

Mitigation Action (Strategy)	Risk	Ranking					
Encourage regular and periodic pier inspections for bridges.	Flooding	Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
Encourage watershed and wetland planning, as well as natural resource management in conjunction with land-use planning for natural hazard mitigation.	Flooding	Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
Establish a Flood Diversion program for roads in Greene County using the Hyper Reach mass notification system.	Flooding	Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

Name:	Position:

Greene County

Mitigation Action (Strategy)	Risk	Ranking					
Identify at-risk structures in Special Flood Hazard Area.	Flooding	Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
Massie Creek US 68 N property acquisition; Kaufman/Washington Mill/Patterson.	Flooding	Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
Educate the public, businesses and residents, of the importance of creating hazard contingency plans (May be included in materials about natural hazard risk).	Hazardous Materials	Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

Name:	Position:

Greene County

Mitigation Action (Strategy)	Risk	Ranking					
Partner with organizations whose mission is to restore or preserve beneficial natural systems (wetlands, watersheds, etc.).	Invasive Species	Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
Develop and complete a baseline survey to gather citizens' perceptions of the risks associated with natural disasters and the tools and services available to the public to reduce risk.	Multiple Hazards	Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
Develop and complete a periodic post- educational campaign surveys to gather citizens' perceptions of the risks associated with natural disasters and the tools and services available to the public to reduce risk (Method to measure the effectiveness of educational campaigns).	Multiple Hazards	Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

Name:	Position:

Greene County

Mitigation Action (Strategy)	Risk	Ranking					
Develop and distribute information about risks associated with the identified natural disasters affecting the County.	Multiple Hazards	Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
Encourage code enforcement and engineering practitioners to enroll in seminars/classes offered by accredited building training centers that showcase the latest materials and techniques in natural hazard resistant construction.	Multiple Hazards	Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
Encourage jurisdictions to prevent or prohibit new development in areas vulnerable to natural hazards.	Multiple Hazards	Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

Name:	Position:

Greene County

Mitigation Action (Strategy)	Risk	Ranking					
Encourage mitigation measures for existing development in areas vulnerable to natural hazards.	Multiple Hazards	Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
Encourage the cooperation of neighbors to include, but not limited to: Contingency plans for the evacuation and care of neighboring families and pets and communication among the neighbors in the event of a natural hazard.; Contingency plans for checking- in on the shut-in and frail elderly neighbors.	Multiple Hazards	Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
Two maps should be generated as established in the Miami Valley Emergency Operations Plan, 1993, Annex L, Damage Assessment, PG L-5. One map should graphically display Public damage where the worst damage is located and where minimal damage is located. The second should address the same for Private damages.	Multiple Hazards	Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

Name:	Position:

Greene County

Mitigation Action (Strategy)	Risk	Ranking					
Develop and distribute information/education on weather-related preparedness tools and resources, i.e. sources to purchase such material, etc.	Severe Summer Weather	Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
Develop and launch awareness/educational campaigns to increase knowledge of weather alert methods (alert radios, e-mail, cell phones, etc.).	Severe Summer Weather	Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
Educate the public on the importance of properly trimming and maintaining the trees on their property (may be included in materials about natural hazard risk).	Severe Summer Weather	Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

Name:	Position:

Greene County

Mitigation Action (Strategy)	Risk	Ranking					
Encourage the use of vinyl siding to reduce dent damage due to hail incidents.	Severe Summer Weather	Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
Encourage utility companies to hire tree trimming contractors who are capable of a more citizen friendly trimming service	Severe Summer Weather	Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
Furnish and install a 25KW Emergency Standby Generator with Automatic Transfer Switch at Gerspacher Water Tower. This generator is needed to maintain communications.	Severe Summer Weather	Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

Name:	Position:

Greene County

Mitigation Action (Strategy)	Risk	Ranking					
Furnish and install a 25KW Emergency Standby Generator with Automatic Transfer Switch at Indian Ripple Water Tower. This generator is needed to maintain communications.	Severe Summer Weather	Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
Furnish and install a 40KW Emergency Standby Generator with Automatic Transfer Switch at the Valley Well Field for wells 11 and 12. This generator is needed to maintain continuous service to the potable water system.	Severe Summer Weather	Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
Furnish and install an emergency generator with automatic transfer switch at the Environmental Services facility. The facility is the receiving facility for storm debris and 24/7 operation could be needed.	Severe Summer Weather	Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

Name:	Position:

Greene County

Mitigation Action (Strategy)	Risk	Ranking					
Supply equipment to manage storm debris.	Severe Summer Weather	Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
Supply two portable generators with emergency connections to be used at sanitary lift stations and potable water pump stations during power outages.	Severe Summer Weather	Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
Establish and encourage the use of weather warning radios in all public spaces, businesses, and residences.	Severe Winter Weather	Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

Name:	Position:

Greene County

Mitigation Action (Strategy)	Risk	Ranking					
Upgrade windows to high impact windows on schools.	Terrorism	Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
Appeal to the State to enhance or create wind/impact resistant Ohio Basic Building Code(s).	Tornado	Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
Construct tornado safe rooms in public areas and neighborhoods without basements.	Tornado	Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

Name:	Position:

Greene County

Mitigation Action (Strategy)	Risk	Ranking					
Encourage the use of wind and impact resistant building components designed to withstand tornado strength winds.	Tornado	Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
Install a tornado warning system on the north end of town near the university campus.	Tornado	Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
Request legislation requiring tornado safe rooms in new mobile home communities and new residential communities without basements.	Tornado	Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

Name:	Position:

Greene County

Mitigation Action (Strategy)	Risk	Ranking					
Seek $2.1 million in funding to install a county-wide tornado warning system complete with battery backup in communities with inadequate coverage, or no tornado siren systems.	Tornado	Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
Supply of a portable 6-inch bypass pump that will be used to bypass pump the sanitary sewer in the event of a catastrophic failure of the system. The proximity of local streams, creeks, and rivers make this equipment a higher priority to prevent pollution of the environment.	Tornado	Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
Supply of an emergency response trailer including chainsaws, traffic safety signage, and proper PPE.	Tornado	Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

Name:	Position:

Greene County

Mitigation Action (Strategy)	Risk	Ranking					
Test the effectiveness of tornado sirens.	Tornado	Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
Tornado safe rooms for Kitridge Road, Spangler Road and Spring Valley and State Route 725 Trailer Parks.	Tornado	Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
Launch educational campaigns through public/government cable channels and newsletters, websites, street festivals, libraries, school functions, etc.	Water Quality	Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

Name:	Position:

Greene County

Mitigation Action (Strategy)	Risk	Ranking					
Develop and distribute information about risks associated with wildfires.	Wildfire	Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

MITIGATION ACTION SCORING MATRIX

Instructions

To complete this matrix, please write in each mitigation action applicable to your jurisdiction. Please score it from 1-5 for each category described below. For each category, a rating of 1 is the lowest score, a rating of 3 is neutral/unsure, and a rating of 5 is the highest score.

1. **Cost Effective – Rank 1 – 5** – the cost effectiveness of each proposed mitigation action, with 5 being the most cost effective and 1 being the least cost effective.
2. **Technically Feasible – Rank 1 – 5** – the feasibility of each proposed mitigation action, with 5 being the most feasible and 1 being the least feasible.
3. **Environmentally Sound – Rank 1 – 5** – the proposed mitigation action in terms of how environmentally sound it seems, with 5 being the most sound and 1 being the least sound.
4. **Immediate Need – Rank 1 – 5** – whether each proposed mitigation action is needed immediately, with 5 being the most immediate need and 1 being not an immediate need.
5. **Risk Reduction – Rank 1 – 5** – the proposed mitigation action on the extent to which it will reduce the total risk of the associated hazard, with 5 being the greatest contribution to risk reduction and 1 being the least contribution to risk reduction.

We encourage you to consider regularly occurring problems for each hazard listed below and suggest mitigation actions for these problems. You may also list regularly occurring problems within your community without suggesting a mitigation action.

Every jurisdiction (County, City, and Village) must have one mitigation action for each hazard they scored on their hazard priority. The following pages include four new FEMA-required actions for you to score. If an action is applicable, please score the action. If it is not applicable to your jurisdiction (i.e. your jurisdiction doesn't have any dams) please skip (don't score) the action.

Following the required new actions, you will have the space to draft new mitigation actions that are applicable to your jurisdiction and score them. Please list the applicable hazard for each new drafted action. Any new actions must correspond with the county's hazard priorities as follows: Severe Winter Weather, Tornadoes, Flooding, Severe Summer Weather, Drought and Extreme Heat, Invasive Species, Earthquakes, Dam/Levee Failure, Wildfire, and Landslides/Land Subsidence.

Name:	Title and Organization:	Jurisdiction:

Mitigation Action (Strategy)	Risk	Ranking					
Required: Work with all jurisdictions on filling in gaps and strengthening capabilities in enacting mitigation strategies.		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
Required: Ensure all eligible jurisdictions are participating in the NFIP.		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
Required: Ensure all high-hazard potential dams have updated Emergency Action Plans (EAPs) in place.		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

Name:	Title and Organization:	Jurisdiction:

Mitigation Action (Strategy)	Risk	Ranking					
Required: Obtain or create inundation maps for all dams.		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

Name:	Title and Organization:	Jurisdiction:

Mitigation Action (Strategy)	Risk	Ranking					
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

Name:	Title and Organization:	Jurisdiction:

Mitigation Action (Strategy)	Risk	Ranking					
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

Name:	Title and Organization:	Jurisdiction:

Mitigation Action (Strategy)	Risk	Ranking					
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

Name:	Title and Organization:	Jurisdiction:

Mitigation Action (Strategy)	Risk	Ranking					
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

MITIGATION ACTION SCORING MATRIX

Step One:

In the following tables, enter your name and position and select one of the following status options for each mitigation action in your jurisdiction:

- **Completed** (Use this if the action was completed)
- **Deleted** (Use this if you would like to remove the action from your new plan)
- **Ongoing** (Use this if you would like the action to carry through to your next plan)

Step two:

By marking the actions as Ongoing the action will be added to the new plan. In order to rank them effectively we ask that you score each of the following:

6. **Cost Effective** – Rank 1 – 5 – the cost effectiveness of each proposed mitigation action, with 5 being the most cost effective and 1 being the least cost effective.
7. **Technically Feasible** – Rank 1 – 5 – the feasibility of each proposed mitigation action, with 5 being the most feasible and 1 being the least feasible.
8. **Environmentally Sound** – Rank 1 – 5 – the proposed mitigation action in terms of how environmentally sound it seems, with 5 being the most sound and 1 being the least sound.
9. **Immediate Need** – Rank 1 – 5 – whether each proposed mitigation action is needed immediately, with 5 being the most immediate need and 1 being not an immediate need.
10. **Risk Reduction** – Rank 1 – 5 – the proposed mitigation action on the extent to which it will reduce the total risk of the associated hazard, with 5 being the greatest contribution to risk reduction and 1 being the least contribution to risk reduction.

If you have any additional comments for a mitigation action, please leave them below each action.

Name:	Title and Organization:

Miami Conservancy District

Mitigation Action (Strategy)	Risk	Status	Ranking					
Concrete, structural repairs, and other improvements at Huffman Dam.	Dam/Levee Failure	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Develop a dam failure evacuation plan for Huffman Dam.	Dam/Levee Failure	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Structural stability analysis of Huffman Dam to assess any risks and develop a rehabilitation strategy, if necessary.	Dam/Levee Failure	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

MITIGATION ACTION SCORING MATRIX

Instructions

To complete this matrix, please write in each mitigation action applicable to your jurisdiction. Please score it from 1-5 for each category described below. For each category, a rating of 1 is the lowest score, a rating of 3 is neutral/unsure, and a rating of 5 is the highest score.

1. **Cost Effective – Rank 1 – 5** – the cost effectiveness of each proposed mitigation action, with 5 being the most cost effective and 1 being the least cost effective.
2. **Technically Feasible – Rank 1 – 5** – the feasibility of each proposed mitigation action, with 5 being the most feasible and 1 being the least feasible.
3. **Environmentally Sound – Rank 1 – 5** – the proposed mitigation action in terms of how environmentally sound it seems, with 5 being the most sound and 1 being the least sound.
4. **Immediate Need – Rank 1 – 5** – whether each proposed mitigation action is needed immediately, with 5 being the most immediate need and 1 being not an immediate need.
5. **Risk Reduction – Rank 1 – 5** – the proposed mitigation action on the extent to which it will reduce the total risk of the associated hazard, with 5 being the greatest contribution to risk reduction and 1 being the least contribution to risk reduction.

We encourage you to consider regularly occurring problems for each hazard listed below and suggest mitigation actions for these problems. You may also list regularly occurring problems within your community without suggesting a mitigation action.

Every jurisdiction (County, City, and Village) must have one mitigation action for each hazard they scored on their hazard priority. The following pages include four new FEMA-required actions for you to score. If an action is applicable, please score the action. If it is not applicable to your jurisdiction (i.e. your jurisdiction doesn't have any dams) please skip (don't score) the action.

Following the required new actions, you will have the space to draft new mitigation actions that are applicable to your jurisdiction and score them. Please list the applicable hazard for each new drafted action. Any new actions must correspond with the county's hazard priorities as follows: Severe Winter Weather, Tornadoes, Flooding, Severe Summer Weather, Drought and Extreme Heat, Invasive Species, Earthquakes, Dam/Levee Failure, Wildfire, and Landslides/Land Subsidence.

Name:	Title and Organization:	Jurisdiction:

Mitigation Action (Strategy)	Risk	Ranking					
Required: Work with all jurisdictions on filling in gaps and strengthening capabilities in enacting mitigation strategies.		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
Required: Ensure all eligible jurisdictions are participating in the NFIP.		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
Required: Ensure all high-hazard potential dams have updated Emergency Action Plans (EAPs) in place.		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

Name:	Title and Organization:	Jurisdiction:

Mitigation Action (Strategy)	Risk	Ranking					
Required: Obtain or create inundation maps for all dams.		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

Name:	Title and Organization:	Jurisdiction:

Mitigation Action (Strategy)	Risk	Ranking					
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

Name:	Title and Organization:	Jurisdiction:

Mitigation Action (Strategy)	Risk	Ranking					
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

Name:	Title and Organization:	Jurisdiction:

Mitigation Action (Strategy)	Risk	Ranking					
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

Name:	Title and Organization:	Jurisdiction:

Mitigation Action (Strategy)	Risk	Ranking					
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

MITIGATION ACTION SCORING MATRIX

Step One:

In the following tables, enter your name and position and select one of the following status options for each mitigation action in your jurisdiction:

- **Completed** (Use this if the action was completed)
- **Deleted** (Use this if you would like to remove the action from your new plan)
- **Ongoing** (Use this if you would like the action to carry through to your next plan)

Step two:

By marking the actions as Ongoing the action will be added to the new plan. In order to rank them effectively we ask that you score each of the following:

6. **Cost Effective** – Rank 1 – 5 – the cost effectiveness of each proposed mitigation action, with 5 being the most cost effective and 1 being the least cost effective.
7. **Technically Feasible** – Rank 1 – 5 – the feasibility of each proposed mitigation action, with 5 being the most feasible and 1 being the least feasible.
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If you have any additional comments for a mitigation action, please leave them below each action.

Name:	Title and Organization:

Village of Bowersville

Mitigation Action (Strategy)	Risk	Status	Ranking					
Seek funding for, prioritize and remove and/or relocate at-risk structures or construction of improved or new storm drainage systems or levees to protect at- risk structures.	Dam/Levee Failure	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Establish a Flood Diversion program for roads in Greene County using the Hyper Reach mass notification system.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Identify at-risk structures in Special Flood Hazard Area.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

Village of Bowersville

Mitigation Action (Strategy)	Risk	Status	Ranking					
Develop and complete a periodic post-educational campaign surveys to gather citizens' perceptions of the risks associated with natural disasters and the tools and services available to the public to reduce risk (Method to measure the effectiveness of educational campaigns).	Multiple Hazards	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Upgrade windows to high impact windows on schools.	Terrorism	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Install a tornado siren in the center of town on the corner of Maysville St. and Hussey Rd.	Tornado	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

Village of Bowersville

Mitigation Action (Strategy)	Risk	Status	Ranking					
Seek $2.1 million in funding to install a county-wide tornado warning system complete with battery backup in communities with inadequate coverage, or no tornado siren systems.	Tornado	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

MITIGATION ACTION SCORING MATRIX

Instructions

To complete this matrix, please write in each mitigation action applicable to your jurisdiction. Please score it from 1-5 for each category described below. For each category, a rating of 1 is the lowest score, a rating of 3 is neutral/unsure, and a rating of 5 is the highest score.

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3. **Environmentally Sound – Rank 1 – 5** – the proposed mitigation action in terms of how environmentally sound it seems, with 5 being the most sound and 1 being the least sound.
4. **Immediate Need – Rank 1 – 5** – whether each proposed mitigation action is needed immediately, with 5 being the most immediate need and 1 being not an immediate need.
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We encourage you to consider regularly occurring problems for each hazard listed below and suggest mitigation actions for these problems. You may also list regularly occurring problems within your community without suggesting a mitigation action.

Every jurisdiction (County, City, and Village) must have one mitigation action for each hazard they scored on their hazard priority. The following pages include four new FEMA-required actions for you to score. If an action is applicable, please score the action. If it is not applicable to your jurisdiction (i.e. your jurisdiction doesn't have any dams) please skip (don't score) the action.

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Name:	Title and Organization:	Jurisdiction:

Mitigation Action (Strategy)	Risk	Ranking					
Required: Work with all jurisdictions on filling in gaps and strengthening capabilities in enacting mitigation strategies.		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
Required: Ensure all eligible jurisdictions are participating in the NFIP.		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
Required: Ensure all high-hazard potential dams have updated Emergency Action Plans (EAPs) in place.		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

Name:	Title and Organization:	Jurisdiction:

Mitigation Action (Strategy)	Risk	Ranking					
Required: Obtain or create inundation maps for all dams.		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

Name:	Title and Organization:	Jurisdiction:

Mitigation Action (Strategy)	Risk	Ranking					
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
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		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

Name:	Title and Organization:	Jurisdiction:

Mitigation Action (Strategy)	Risk	Ranking					
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
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		Technically Feasible	1	2	3	4	5
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		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

Name:	Title and Organization:	Jurisdiction:

Mitigation Action (Strategy)	Risk	Ranking					
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
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		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

Name:	Title and Organization:	Jurisdiction:

Mitigation Action (Strategy)	Risk	Ranking					
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
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MITIGATION ACTION SCORING MATRIX

Step One:

In the following tables, enter your name and position and select one of the following status options for each mitigation action in your jurisdiction:

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If you have any additional comments for a mitigation action, please leave them below each action.

Name:	Title and Organization:

Village of Cedarville

Mitigation Action (Strategy)	Risk	Status	Ranking					
Push in the old water retention reservoir that is no longer in use. It is a breeding area for rodents and mosquitoes and a drowning risk for area youth.	Dam/Levee Failure	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Widen the culvert from SR 72 to West Xenia Ave. It is insufficient, needs to be 36 inches.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Village administrative building that can double as shelter from tornadoes for community members and a command center for disasters and other emergencies that occur in the Village or the eastern half of Greene County.	Tornado	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
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MITIGATION ACTION SCORING MATRIX

Instructions

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Name:	Title and Organization:	Jurisdiction:

Mitigation Action (Strategy)	Risk	Ranking					
Required: Work with all jurisdictions on filling in gaps and strengthening capabilities in enacting mitigation strategies.		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
Required: Ensure all eligible jurisdictions are participating in the NFIP.		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
Required: Ensure all high-hazard potential dams have updated Emergency Action Plans (EAPs) in place.		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

Name:	Title and Organization:	Jurisdiction:

Mitigation Action (Strategy)	Risk	Ranking					
Required: Obtain or create inundation maps for all dams.		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

Name:	Title and Organization:	Jurisdiction:

Mitigation Action (Strategy)	Risk	Ranking					
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

Name:	Title and Organization:	Jurisdiction:

Mitigation Action (Strategy)	Risk	Ranking					
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

Name:	Title and Organization:	Jurisdiction:

Mitigation Action (Strategy)	Risk	Ranking					
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

Name:	Title and Organization:	Jurisdiction:

Mitigation Action (Strategy)	Risk	Ranking					
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

MITIGATION ACTION SCORING MATRIX

Step One:

In the following tables, enter your name and position and select one of the following status options for each mitigation action in your jurisdiction:

- **Completed** (Use this if the action was completed)
- **Deleted** (Use this if you would like to remove the action from your new plan)
- **Ongoing** (Use this if you would like the action to carry through to your next plan)

Step two:

By marking the actions as Ongoing the action will be added to the new plan. In order to rank them effectively we ask that you score each of the following:

6. **Cost Effective** – Rank 1 – 5 – the cost effectiveness of each proposed mitigation action, with 5 being the most cost effective and 1 being the least cost effective.
7. **Technically Feasible** – Rank 1 – 5 – the feasibility of each proposed mitigation action, with 5 being the most feasible and 1 being the least feasible.
8. **Environmentally Sound** – Rank 1 – 5 – the proposed mitigation action in terms of how environmentally sound it seems, with 5 being the most sound and 1 being the least sound.
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10. **Risk Reduction** – Rank 1 – 5 – the proposed mitigation action on the extent to which it will reduce the total risk of the associated hazard, with 5 being the greatest contribution to risk reduction and 1 being the least contribution to risk reduction.

If you have any additional comments for a mitigation action, please leave them below each action.

Name:	Title and Organization:

Village of Cedarville

Mitigation Action (Strategy)	Risk	Status	Ranking					
Push in the old water retention reservoir that is no longer in use. It is a breeding area for rodents and mosquitoes and a drowning risk for area youth.	Dam/Levee Failure	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Widen the culvert from SR 72 to West Xenia Ave. It is insufficient, needs to be 36 inches.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Village administrative building that can double as shelter from tornadoes for community members and a command center for disasters and other emergencies that occur in the Village or the eastern half of Greene County.	Tornado	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

Village of Jamestown

Mitigation Action (Strategy)	Risk	Status	Ranking					
Seek funding for new storm drainage systems or levees to protect at-risk structures.	Dam/Levee Failure	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Seek funding for, prioritize and remove and/or relocate at-risk structures or construction of improved or new storm drainage systems or levees to protect at- risk structures.	Dam/Levee Failure	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Establish a Flood Diversion program for roads in Greene County using the Hyper Reach mass notification system.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

Village of Jamestown

Mitigation Action (Strategy)	Risk	Status	Ranking					
Identify at-risk structures in Special Flood Hazard Area.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Develop and complete a periodic post-educational campaign surveys to gather citizens' perceptions of the risks associated with natural disasters and the tools and services available to the public to reduce risk (Method to measure the effectiveness of educational campaigns).	Multiple Hazards	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Upgrade windows to high impact windows on schools.	Terrorism	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

Village of Jamestown

Mitigation Action (Strategy)	Risk	Status	Ranking					
In the event a county-wide warning siren system cannot be achieved, the following jurisdictions have requested funding to replace existing equipment or install new equipment: Jamestown.	Tornado	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Seek $2.1 million in funding to install a county-wide tornado warning system complete with battery backup in communities with inadequate coverage, or no tornado siren systems.	Tornado	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

MITIGATION ACTION SCORING MATRIX

Instructions

To complete this matrix, please write in each mitigation action applicable to your jurisdiction. Please score it from 1-5 for each category described below. For each category, a rating of 1 is the lowest score, a rating of 3 is neutral/unsure, and a rating of 5 is the highest score.

1. **Cost Effective – Rank 1 – 5** – the cost effectiveness of each proposed mitigation action, with 5 being the most cost effective and 1 being the least cost effective.
2. **Technically Feasible – Rank 1 – 5** – the feasibility of each proposed mitigation action, with 5 being the most feasible and 1 being the least feasible.
3. **Environmentally Sound – Rank 1 – 5** – the proposed mitigation action in terms of how environmentally sound it seems, with 5 being the most sound and 1 being the least sound.
4. **Immediate Need – Rank 1 – 5** – whether each proposed mitigation action is needed immediately, with 5 being the most immediate need and 1 being not an immediate need.
5. **Risk Reduction – Rank 1 – 5** – the proposed mitigation action on the extent to which it will reduce the total risk of the associated hazard, with 5 being the greatest contribution to risk reduction and 1 being the least contribution to risk reduction.

We encourage you to consider regularly occurring problems for each hazard listed below and suggest mitigation actions for these problems. You may also list regularly occurring problems within your community without suggesting a mitigation action.

Every jurisdiction (County, City, and Village) must have one mitigation action for each hazard they scored on their hazard priority. The following pages include four new FEMA-required actions for you to score. If an action is applicable, please score the action. If it is not applicable to your jurisdiction (i.e. your jurisdiction doesn't have any dams) please skip (don't score) the action.

Following the required new actions, you will have the space to draft new mitigation actions that are applicable to your jurisdiction and score them. Please list the applicable hazard for each new drafted action. Any new actions must correspond with the county's hazard priorities as follows: Severe Winter Weather, Tornadoes, Flooding, Severe Summer Weather, Drought and Extreme Heat, Invasive Species, Earthquakes, Dam/Levee Failure, Wildfire, and Landslides/Land Subsidence.

Name:	Title and Organization:	Jurisdiction:

Mitigation Action (Strategy)	Risk	Ranking					
Required: Work with all jurisdictions on filling in gaps and strengthening capabilities in enacting mitigation strategies.		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
Required: Ensure all eligible jurisdictions are participating in the NFIP.		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
Required: Ensure all high-hazard potential dams have updated Emergency Action Plans (EAPs) in place.		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

Name:	Title and Organization:	Jurisdiction:

Mitigation Action (Strategy)	Risk	Ranking					
Required: Obtain or create inundation maps for all dams.		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

Name:	Title and Organization:	Jurisdiction:

Mitigation Action (Strategy)	Risk	Ranking					
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

Name:	Title and Organization:	Jurisdiction:

Mitigation Action (Strategy)	Risk	Ranking					
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

Name:	Title and Organization:	Jurisdiction:

Mitigation Action (Strategy)	Risk	Ranking					
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
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		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

Name:	Title and Organization:	Jurisdiction:

Mitigation Action (Strategy)	Risk	Ranking					
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
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		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

MITIGATION ACTION SCORING MATRIX

Step One:

In the following tables, enter your name and position and select one of the following status options for each mitigation action in your jurisdiction:

- **Completed** (Use this if the action was completed)
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- **Ongoing** (Use this if you would like the action to carry through to your next plan)

Step two:

By marking the actions as Ongoing the action will be added to the new plan. In order to rank them effectively we ask that you score each of the following:

6. **Cost Effective** – Rank 1 – 5 – the cost effectiveness of each proposed mitigation action, with 5 being the most cost effective and 1 being the least cost effective.
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8. **Environmentally Sound** – Rank 1 – 5 – the proposed mitigation action in terms of how environmentally sound it seems, with 5 being the most sound and 1 being the least sound.
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If you have any additional comments for a mitigation action, please leave them below each action.

Name:	Title and Organization:

Village of Spring Valley

Mitigation Action (Strategy)	Risk	Status	Ranking					
Seek funding for, prioritize and remove and/or relocate at-risk structures or construction of improved or new storm drainage systems or levees to protect at- risk structures.	Dam/Levee Failure	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Establish a Flood Diversion program for roads in Greene County using the Hyper Reach mass notification system.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Purchase a second pump for the stormwater system.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

Village of Spring Valley

Mitigation Action (Strategy)	Risk	Status	Ranking					
Develop and complete a periodic post-educational campaign surveys to gather citizens' perceptions of the risks associated with natural disasters and the tools and services available to the public to reduce risk (Method to measure the effectiveness of educational campaigns).	Multiple Hazards	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Purchase a generator.	Severe Summer Weather	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Seek $2.1 million in funding to install a county-wide tornado warning system complete with battery backup in communities with inadequate coverage, or no tornado siren systems.	Tornado	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
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MITIGATION ACTION SCORING MATRIX

Instructions

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We encourage you to consider regularly occurring problems for each hazard listed below and suggest mitigation actions for these problems. You may also list regularly occurring problems within your community without suggesting a mitigation action.

Every jurisdiction (County, City, and Village) must have one mitigation action for each hazard they scored on their hazard priority. The following pages include four new FEMA-required actions for you to score. If an action is applicable, please score the action. If it is not applicable to your jurisdiction (i.e. your jurisdiction doesn't have any dams) please skip (don't score) the action.

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Name:	Title and Organization:	Jurisdiction:

Mitigation Action (Strategy)	Risk	Ranking					
Required: Work with all jurisdictions on filling in gaps and strengthening capabilities in enacting mitigation strategies.		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
Required: Ensure all eligible jurisdictions are participating in the NFIP.		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
Required: Ensure all high-hazard potential dams have updated Emergency Action Plans (EAPs) in place.		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

Name:	Title and Organization:	Jurisdiction:

Mitigation Action (Strategy)	Risk	Ranking					
Required: Obtain or create inundation maps for all dams.		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
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		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
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		Technically Feasible	1	2	3	4	5
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		Immediate Need	1	2	3	4	5
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Name:	Title and Organization:	Jurisdiction:

Mitigation Action (Strategy)	Risk	Ranking					
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

Name:	Title and Organization:	Jurisdiction:

Mitigation Action (Strategy)	Risk	Ranking					
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

Name:	Title and Organization:	Jurisdiction:

Mitigation Action (Strategy)	Risk	Ranking					
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

Name:	Title and Organization:	Jurisdiction:

Mitigation Action (Strategy)	Risk	Ranking					
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

MITIGATION ACTION SCORING MATRIX

Please rank your previous mitigation actions for the following:

1. **Cost Effective** – Rank 1 – 5 – the cost effectiveness of each proposed mitigation action, with 5 being the most cost effective and 1 being the least cost effective.
2. **Technically Feasible** – Rank 1 – 5 – the feasibility of each proposed mitigation action, with 5 being the most feasible and 1 being the least feasible.
3. **Environmentally Sound** – Rank 1 – 5 – the proposed mitigation action in terms of how environmentally sound it seems, with 5 being the most sound and 1 being the least sound.
4. **Immediate Need** – Rank 1 – 5 – whether each proposed mitigation action is needed immediately, with 5 being the most immediate need and 1 being not an immediate need.
5. **Risk Reduction** – Rank 1 – 5 – the proposed mitigation action on the extent to which it will reduce the total risk of the associated hazard, with 5 being the greatest contribution to risk reduction and 1 being the least contribution to risk reduction.

If you have any additional comments for a mitigation action, please leave them below each action.

Name:	Position:

Village of Yellow Springs

Mitigation Action (Strategy)	Risk	Ranking					
Seek funding for new storm drainage systems or levees to protect at-risk structures.	Dam/Levee Failure	Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
Seek funding for, prioritize and remove and/or relocate at-risk structures or construction of improved or new storm drainage systems or levees to protect at- risk structures.	Dam/Levee Failure	Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
Establish a Flood Diversion program for roads in Greene County using the Hyper Reach mass notification system.	Flooding	Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

Name:	Position:

Village of Yellow Springs

Mitigation Action (Strategy)	Risk	Ranking					
Identify at-risk structures in Special Flood Hazard Area.	Flooding	Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
Update stormwater systems and reline sewer system.	Flooding	Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
Develop a program providing assistance for the disparate population.	Public Health Emergency (Epidemic)	Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

Name:	Position:

Village of Yellow Springs

Mitigation Action (Strategy)	Risk	Ranking					
Install underground power lines.	Severe Summer Weather	Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
Purchase and install a security camera system.	Terrorism	Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
Monitoring wells for the source water contamination.	Water Quality	Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

MITIGATION ACTION SCORING MATRIX

Instructions

To complete this matrix, please write in each mitigation action applicable to your jurisdiction. Please score it from 1-5 for each category described below. For each category, a rating of 1 is the lowest score, a rating of 3 is neutral/unsure, and a rating of 5 is the highest score.

1. **Cost Effective – Rank 1 – 5** – the cost effectiveness of each proposed mitigation action, with 5 being the most cost effective and 1 being the least cost effective.
2. **Technically Feasible – Rank 1 – 5** – the feasibility of each proposed mitigation action, with 5 being the most feasible and 1 being the least feasible.
3. **Environmentally Sound – Rank 1 – 5** – the proposed mitigation action in terms of how environmentally sound it seems, with 5 being the most sound and 1 being the least sound.
4. **Immediate Need – Rank 1 – 5** – whether each proposed mitigation action is needed immediately, with 5 being the most immediate need and 1 being not an immediate need.
5. **Risk Reduction – Rank 1 – 5** – the proposed mitigation action on the extent to which it will reduce the total risk of the associated hazard, with 5 being the greatest contribution to risk reduction and 1 being the least contribution to risk reduction.

We encourage you to consider regularly occurring problems for each hazard listed below and suggest mitigation actions for these problems. You may also list regularly occurring problems within your community without suggesting a mitigation action.

Every jurisdiction (County, City, and Village) must have one mitigation action for each hazard they scored on their hazard priority. The following pages include four new FEMA-required actions for you to score. If an action is applicable, please score the action. If it is not applicable to your jurisdiction (i.e. your jurisdiction doesn't have any dams) please skip (don't score) the action.

Following the required new actions, you will have the space to draft new mitigation actions that are applicable to your jurisdiction and score them. Please list the applicable hazard for each new drafted action. Any new actions must correspond with the county's hazard priorities as follows: Severe Winter Weather, Tornadoes, Flooding, Severe Summer Weather, Drought and Extreme Heat, Invasive Species, Earthquakes, Dam/Levee Failure, Wildfire, and Landslides/Land Subsidence.

Name:	Title and Organization:	Jurisdiction:

Mitigation Action (Strategy)	Risk	Ranking					
Required: Work with all jurisdictions on filling in gaps and strengthening capabilities in enacting mitigation strategies.		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
Required: Ensure all eligible jurisdictions are participating in the NFIP.		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
Required: Ensure all high-hazard potential dams have updated Emergency Action Plans (EAPs) in place.		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

Name:	Title and Organization:	Jurisdiction:

Mitigation Action (Strategy)	Risk	Ranking					
Required: Obtain or create inundation maps for all dams.		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

Name:	Title and Organization:	Jurisdiction:

Mitigation Action (Strategy)	Risk	Ranking					
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
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		Technically Feasible	1	2	3	4	5
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		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

Name:	Title and Organization:	Jurisdiction:

Mitigation Action (Strategy)	Risk	Ranking					
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
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		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
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		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

Name:	Title and Organization:	Jurisdiction:

Mitigation Action (Strategy)	Risk	Ranking					
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

Name:	Title and Organization:	Jurisdiction:

Mitigation Action (Strategy)	Risk	Ranking					
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

Hazard Mitigation

Purpose of Hazard Mitigation

According to the Federal Emergency Management Agency (FEMA), hazard mitigation is any sustained action taken to reduce or eliminate the long-term risk to human life and property from hazards such as tornadoes, flooding, and winter and severe storms. Mitigation activities may be implemented prior to, during, or after an incident. However, hazard mitigation has been shown to be most effective when based on an inclusive, comprehensive, long-term plan that is developed before a disaster occurs.

Because of this, federal regulations were developed through the Robert T. Stafford Disaster Relief and Emergency Assistance Act of 1988 and the Disaster Mitigation Act of 2000, to provide for state, local, and tribal governments to undertake a risk-based approach to reducing risks to natural hazards through mitigation planning. Under the Disaster Mitigation Act of 2000, jurisdictions must have an adopted hazard mitigation plan to remain eligible for pre- and post-mitigation disaster funding.

Federal Requirements

To receive FEMA funding, hazard mitigation plans must be adopted by local jurisdictions, updated every 5 years, and include:

- Public participation and documented update process
- Existing conditions and demographics
- Major disaster declarations since the previous plan
- Risk assessments and vulnerability analyses for hazards
- Mitigation actions and their status
- Identified plan maintenance and updates

Planning Process

- **Milestone 1:** Project kickoff; gather data for existing conditions and demographics.
- **Milestone 2:** Public Meeting #1 will provide time for the community to review goals for the plan, rank potential hazards, and determine the status of previous mitigation actions.
- **Milestone 3:** Burton Planning Services will perform risk assessments & vulnerability analyses and develop mitigation actions based on the feedback received from the first public meeting.
- **Milestone 4:** Public Meeting #2 will provide time for the community to review the proposed mitigation actions and rate actions based on relevance to local communities.
- **Milestone 5:** Burton Planning Services will prepare a draft plan based on community feedback and survey results.
- **Milestone 6:** The Ohio Emergency Management Agency and FEMA will conduct reviews of the draft plan.
- **Milestone 7:** Once the plan has been approved by FEMA, the County and participating jurisdictions will adopt the plan.

To Participate: Fill out digital surveys during the public meetings or fill out a paper copy of the surveys and mail them to the County EMA offices. Additionally, go to the link on the back of this page to fill out the surveys online.

Meeting 1 Surveys

Goals Survey

The Goals Survey seeks feedback on potential new goals for the 2025 Greene County Hazard Mitigation Plan.

Link: https://www.surveymonkey.com/r/GreeneGoals

Hazard Priority Survey

The Hazard Priority Survey seeks feedback on each potential hazard to determine which hazards should be included in the 2025 mitigation plan.

Link: https://www.surveymonkey.com/r/GreeneHazardPriority

Meeting 2 Surveys

Mitigation Action Scoring Matrix Survey

The Mitigation Action Scoring Matrix Survey seeks feedback from County communities on what specific projects and activities (mitigation actions) will help their communities. This survey has two parts: Previous Actions and New Actions. Please review both parts.

If you aren't sure how to write a mitigation action, please give an action statement. (Example: There is flooding at main street.)

Link: https://www.surveymonkey.com/r/GreeneMitigationActionScoring

Questions & Contact

You may reach out to the Greene County Emergency Management Agency for questions or to return physical surveys via mail.

Greene County EMA
Ethan Raby, EMA Director
Email: ethan.raby@greenecountyohio.gov
Office: 937-562-5962

Burton Planning Services
Kimberly Cousins, Project Manager, Environmental and Resiliency Manager
Email: kcousins@burtonplanning.com
Office: 614-392-2284 x3

PUBLIC MEETING ANNOUNCEMENT

Greene County was recently awarded a Pre-Disaster Mitigation Grant to update our County's Hazard Mitigation Plan. This update is required by FEMA every five years to remain eligible for funding for projects. Municipalities, police and fire departments, schools, businesses, and the public may receive funding for any mitigation strategy found in the approved and adopted plan update. Community input is critical to this plan's success (and the FEMA approval process). As such, **we are asking for your participation in the planning process at one of the following meetings.**

Public Meeting 2
Tuesday, April 16, 2025, at 2:00 PM
Soin Medical Center, 5th Floor, Kumar Room
3535 Pentagon Blvd.
Beavercreek, OH 45431

Public Meeting 2
Tuesday, April 16, 2025, at 5:00 PM
Soin Medical Center, 5th Floor, Kumar Room
3535 Pentagon Blvd.
Beavercreek, OH 45431

These meetings will be offered in multiple formats that allow stakeholders and the public to participate however they are available and comfortable. These meeting formats will include live in-person meetings, or online via Microsoft teams, and paper and digital surveys. Links to the meetings can be found on the Greene Hazard Mitigation Plan Website linked below.

Prior to the meeting, we have two action items for your completion:

1. **Review the attached items**, which describe the goal of the hazard mitigation planning process, who is involved in updating the plan, why the plan needs to be updated, and an overview of the planning process and schedule.
2. **Complete the Mitigation Action Scoring Matrix Survey** prior to the meeting by accessing the surveys via project webpage, where you can choose to complete the surveys online via a SurveyMonkey or download a PDF. We will also explain and provide an opportunity for you to complete these surveys during the meeting.

Many of you may wonder why you have been asked to participate in this process. Updating the Hazard Mitigation Plan every five years allows us to identify opportunities to lessen the potential impacts from disasters and allows us to evaluate projects that have been completed during the past five-year cycle. All possible projects are identified by YOU, our community leaders. Once our plan has gone through the FEMA approval process and has been adopted locally, we can apply for grant funding that could potentially cover 75% of the costs associated with those projects.

Thank you for supporting our project and we look forward to seeing you on April 16th!

Reference Material Links
1. Plan Overview (link)
2. 2020 Plan (link)
3. Greene HMP website (link)
4. Greene County Previous and New Mitigation Action Scoring Matrix (link)

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Xenia, Ohio 45385
Phone: (937) 562-5962
Email: ethan.raby@greenecountyohio.gov

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July 15, 2025

To Whom it May Concern:

The Greene County Hazard Mitigation Plan is due for updating. It is necessary to update the Plan every five years so that the County and participating communities remain eligible for pre-disaster and post-disaster mitigation grant programs.

We are currently in the process of identifying potential hazards and are in need of participation by residents in Greene County. A public involvement meeting has been arranged for **Tuesday, April 16, 2025, at 5:00 PM** via Microsoft Teams and in person at the Soin Medical Center, 5th Floor, Kumar Room (3535 Pentagon Blvd., Beavercreek, Ohio 45431) with public attendance very much needed for feedback. Members of the public can join the virtual meeting using the following links and phone numbers:

Public Meeting
Tuesday, April 16, 2025, at 5:00 PM

Please join the meeting from your computer, tablet, or smartphone.
Access the Microsoft Teams Meeting Link at burtonplanning.com/greene-hmp.

You can also dial in using your phone (audio only)
+1 469-998-7570
Phone Conference ID: 428 723 65#

Meeting materials will also be made available on the project website (https://burtonplanning.com/greene-hmp/). At this meeting each potential natural, geological, and human-caused hazard will be reviewed to determine its potential threat to Greene County. The public's feedback is essential to provide input on any potential hazards and to rate the priority of the hazards that will be included in the next plan.

Signed,

Ethan Raby, Greene County EMA Director

Dam/Levee Failure

Occurs when any artificial barrier that impounds or diverts water is suddenly released in an uncontrollable manner, resulting in a flood wave that can damage buildings and infrastructure. Greene County has four High Hazard Potential dams and five Significant Hazard Potential dams.

Drought

Droughts occur when water levels drop. They can occur anywhere, and they increase the risks of flash floods, wildfires, and landslides. Drought conditions occurred in 2023, 2022, 2021, 2020, 2019, 2017, 2016, 2015, 2014, 2013, 2012, 2011, 2010, 2009, 2008, 2007, 2006, 2005, 2002, 2001, and 2000 in Greene County.

Earthquake

Earthquakes are sudden and rapid movements caused by the abrupt shifting of Earth's tectonic plates deep beneath the surface. Although earthquakes are very rare, they are unpredictable and can be catastrophic.

Extreme Temperatures

Extreme temperature events include both extreme cold and extreme heat. There have been at least eight extreme temperature events since 1995. No property damage has reportedly been caused by extreme temperatures.

Flooding

Floods are typically riverine, coastal, or shallow. Flash floods are floods that occur quickly, even occurring without visible signs of precipitation. Greene County has experienced 79 floods and flash floods since 1995. These events caused approximately $279,5000 in property and crop damage.

Hazardous Materials

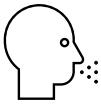
Hazardous materials (HAZMAT) are potentially harmful to environmental and/or human health. HAZMAT may be used for manufacturing, processing, or long-term storage. HAZMAT spills can occur near storage facilities or during transport.

Invasive Species

Invasive species are any species within Greene County that are not native to the area. These species can cause ecological or economic damage.

Landslides/Land Subsidence

A landslide occurs when rocks, earth, or other materials move down a slope. Common causes include rain, floods, and development practices along slopes. Land subsidence is when Earth's surface settles or suddenly sinks. These are common with abandoned mines.



Public Heath Emergency (Epidemic)

Infectious diseases are caused by microscopic germs such as viruses, parasites, fungi, and parasites. Illnesses can range from the common cold or flu, Lyme disease, to more deadly diseases like Covid-19 or HIV.

Severe Summer Weather

Severe storms include **hailstorms**, **heavy rain**, **high wind**, and **thunder/lightning** storms. There have been 383 events in Greene County since 1995, causing approximately $19.2 million in property and crop damage.

Severe Winter Weather

Winter storms can include extreme cold, freezing rain, ice, snow, high winds, or any combination of these conditions. There have been 125 events in Fulton County since 1995, causing approximately $1 million in property and crop damage.

Terrorism

There are five types of terrorism, including an active aggressor, biological terrorism, chemical terrorism, cyberterrorism, and agroterrorism.

Tornadoes

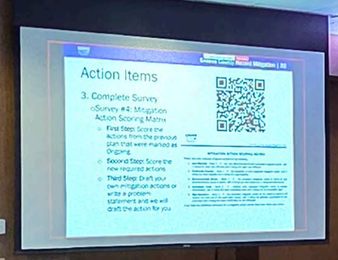
Tornadoes usually occur during severe thunderstorm events. Greene County has experienced at least 14 tornadoes since 1995. Tornadoes have caused approximately $67 million in property and crop damage.

Walter Quality

Greene County residents receive their drinking water from reservoirs and ground water. Maintaining good water quality is important for Green County communities. Water quality is the measure of how suitability the water is for a particular purpose based on physical, chemical, and biological characteristics.

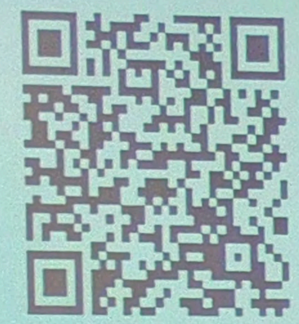
Wildfire

Wildfires are fires that occur in the wilderness or countryside and can spread quickly. Greene County has an average of 15 wildfire events per year between 2018 and 2022.


Action Items
3. Complete Survey
Survey #2: Mitigation Action Scoring Matrix
First Step: Score the actions from the previous plan that were marked as Ongoing.
Second Step: Score the new required actions.
Third Step: Draft your own mitigation actions or write a problem statement and we will draft the action for you

Action Items

3. Complete Survey
   - Survey #4: Mitigation Action Scoring Matrix
     - **First Step:** Score the actions from the previous plan that were marked as Ongoing.
     - **Second Step:** Score the new required actions.
     - **Third Step:** Draft your own mitigation actions or write a problem statement and we will draft the action for you.



MITIGATION ACTION SCORING MATRIX

Please rank your previous mitigation actions for the following:

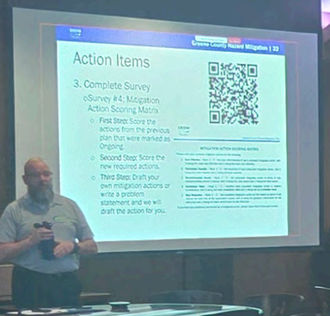
1. **Cost Effective** – Rank 1 – 5 – the cost effectiveness of each proposed mitigation action, with 5 being the most cost effective and 1 being the least cost effective.
2. **Technically Feasible** – Rank 1 – 5 – the feasibility of each proposed mitigation action, with 5 being the most feasible and 1 being the least feasible.
3. **Environmentally Sound** – Rank 1 – 5 – the proposed mitigation action in terms of how environmentally sound it seems, with 5 being the most sound and 1 being the least sound.
4. **Immediate Need** – Rank 1 – 5 – whether each proposed mitigation action is needed immediately, with 5 being the most immediate need and 1 being not an immediate need.
5. **Risk Reduction** – Rank 1 – 5 – the proposed mitigation action on the extent to which it will reduce the total risk of the associated hazard, with 5 being the greatest contribution to risk reduction and 1 being the least contribution to risk reduction.

If you have any additional comments for a mitigation action, please leave them below each action.

Action Items

3. Complete Survey
   - Survey #4: Mitigation Action Scoring Matrix
     - **First Step:** Score the actions from the previous plan that were marked as Ongoing.
     - **Second Step:** Score the new required actions.
     - **Third Step:** Draft your own mitigation actions or write a problem statement and we will draft the action for you.

MITIGATION ACTION SCORING MATRIX


Action Items
3. Complete Survey
Survey #4: Mitigation Action Scoring Matrix
First Step: Score the actions from the previous plan that were marked as Ongoing.
Second Step: Score the new required actions.
Third Step: Draft your own mitigation actions or write a problem statement and we will draft the action for you.

Greene County Hazard Mitigation | 22
Action Items
3. Complete Survey
Survey #4: Mitigation Action Scoring Matrix
First Step: Score the actions from the previous plan that were marked as Ongoing.
Second Step: Score the new required actions.
Third Step: Draft your own mitigation actions or write a problem statement and we will draft the action for you.
MITIGATION ACTION SCORING MATRIX

Action Items
3. Complete Survey
Survey #4: Mitigation Action Scoring Matrix
First Step: Score the actions from the previous plan that were marked as Ongoing.
Second Step: Score the new required actions.
Third Step: Draft your own mitigation actions or write a problem statement and we will draft the action for you.

Sign-In Sheet: Planning Meeting #1

April 16, 2025
2:00 P.M.

NAME	PHONE	EMAIL	EMPLOYER	TITLE
Ethan Raby	937-562-5962	Ethan.raby@greenecountyohio.gov	Greene County EMA	Director
Beth Rubin	937-562-6450	Beth.rubin@jfs.ohio.gov	Greene CDJFS	Director
Rusty Cross	937-862-5011	Rcross@svtwp.org	Spring Valley Twp.	Fire Chief
Doug McDaniel	937-374-7440	dmcdaniel@newjaspertownship.com	New Jasper Twp.	Fire Chief
Brad Balonier	937-562-4834	Bradley.balonier@greenecountyohio.gov	Greene County Sheriff's Office	Major
Brent Merriman	937-376-7231	bmerriman@cityofxenia.gov	City of Xenia	City Manager
James Hern	937-343-8845	James.hern@fairbornoh.gov	Fairborn Police	Captain
Kyle Miller	937-605-6602	miller@cedarvilletwp.us	Cedarville Township Fire	Chief
Joey Shope	937-427-5540	shope@beavercreekohio.gov	City of Beavercreek	Public Service Asst. Director
Eric Henry	937-376-7234	ehenry@cityofxenia.org	City of Xenia	City Manager
Paul Otten	937-458-2428	Paul.otten@creek.org	Beavercreek City Schools	Superintendent
Brandon Huddleson	937-562-5002	Brandon.huddleson@greenecountyohio.gov	Greene County	County Administrator
Carolyn Destefani	937-776-6954	cdestefani@sugarcreekoh.us	Sugarcreek Township	Trustee
Brian Masser	937-766-6000	Brian.masser@ccliff.net	Cedar Cliff Local School District	Superintendent
Dick Gould	937-562-5006	Richard.gould@greenecountyohio.gov	Greene County	Commissioner

Sign-In Sheet: Planning Meeting #1

April 16, 2025
2:00 P.M.

NAME	PHONE	EMAIL	EMPLOYER	TITLE
Stephanie Goff	937-562-7500	Stephanie.goff@greenecountyohio.gov	Greene County	Engineer
Steve Carmin	937-848-3252	s.carmin@bellbrook.gov	City of Bellbrook	Police Chief
Brian Housh	937-776-9566	Brianhoush@yso.org	Village of Yellow Springs	Councilman
Jeff Bruggeman	937-602-7157	jbruggeman@cityofxenia.org	City of Xenia	Fire Captain
Anthony Bizzarro	937-673-1233	a.bizzarro@bellbrook.gov	City of Bellbrook	Fire Chief
Kim Caudill	937-374-5627	kcaudill@gcph.info	Greene County Public Health	Emergency Preparedness Coordinator
Justin Windsor	937-838-0406	jwindsor@sugarcreekoh.us	Sugarcreek Twp.	Director, Roads & Svcs.
Alan Stock	937-372-0859	astock@xeniatownshipoh.gov	Xenia Township	Administrator
Brian Noah	937-729-9118	bnoah@jamestownohio.gov	Jamestown	Police Chief
Bill Titley	937-313-9142	wtitley@fairborn.k12.oh.us	Fairborn City Schools	Director of Safety
Scott Miller	937-221-1687	smiller@xeniatownshipoh.gov	Xenia Township	Trustee
Thomas Breckel	937-382-6673	Breckel.thomas@clintoncountyohio.us	Clinton County EMA	Director
Andy Ehrhart	937-604-6609	aehrhart@beavercreektownship.org	Beavercreek Twp.	Administrator (acting)
Luan Nguyen	614-799-3531	lknguyen@dps.ohio.gov	OEMA	SHMO
Ryan Streeter	614-799-3531	rpstreeter@dps.ohio.gov	OEMA	Intern

Sign-In Sheet: Public Meeting #1

April 16, 2025
5:00 P.M.

NAME	PHONE	EMAIL	EMPLOYER	TITLE
Mike Horsley	937-919-4245	mlylehorsley@hotmail.com	New Jasper Township	Trustee
Luan Nguyen	614-799-3531	lknguyen@dps.ohio.gov	OEMA	SHMO
Ryan Streeter	614-799-3531	rpstreeter@dps.ohio.gov	OEMA	Intern
Ethan Raby	937-562-5962	Ethan.raby@greenecountyohio.gov	Greene County EMA	Director
Tony Satariano	937-605-5328		Village of Clifton	Councilman
Al Kuzma	937-562-7427	akuzma@greenecountyohio.gov	Greene County	Director/Chief Building Official

Surveys:
Greene County

#8

COMPLETE

Collector:	Web Link 1 (Web Link)
Started:	Tuesday, April 15, 2025 1:07:40 PM
Last Modified:	Tuesday, April 15, 2025 2:06:49 PM
Time Spent:	00:59:09
IP Address:	96.11.195.132

Page 1: Survey Description

Q1

Contact Information

Name	**Brad Balonier**
Organization/Agency	**Greene County Sheriff's Office**
Title/Position	**Major**
Email Address	**bradley.balonier@greenecountyohio.gov**

Q2 **Greene County**

Which jurisdiction do you represent?

Page 2: Mitigation Actions: Greene County (Page 1 of 2)

Q3 **Ongoing**

Concrete, structural repairs, and other improvements at Huffman Dam. (Dam/Levee Failure)

Q4 **Respondent skipped this question**

Concrete, structural repairs, and other improvements at Huffman Dam. (Dam/Levee Failure)

Q5 **Ongoing**

Construct or repair storm drainage systems and/or levees. (Dam/Levee Failure)

Q6 **Respondent skipped this question**

Construct or repair storm drainage systems and/or levees. (Dam/Levee Failure)

Q7

Develop a dam failure evacuation plan for Huffman Dam. (Dam/Levee Failure)

Ongoing

Q8

Develop a dam failure evacuation plan for Huffman Dam. (Dam/Levee Failure)

Respondent skipped this question

Q9

Structural stability analysis of Huffman Dam to assess any risks and develop a rehabilitation strategy, if necessary. (Dam/Levee Failure)

Ongoing

Q10

Structural stability analysis of Huffman Dam to assess any risks and develop a rehabilitation strategy, if necessary. (Dam/Levee Failure)

Respondent skipped this question

Q11

Update dam maintenance programs and services. (Dam/Levee Failure)

Ongoing

Q12

Update dam maintenance programs and services. (Dam/Levee Failure)

Respondent skipped this question

Q13

Develop and distribute information about risks associated with drought. (Drought)

Ongoing

Q14

Develop and distribute information about risks associated with drought. (Drought)

Respondent skipped this question

Q15

Require compliance and enforcement of existing building codes. (Earthquakes)

Ongoing

Q16

Require compliance and enforcement of existing building codes. (Earthquakes)

Respondent skipped this question

Q17

Establish clearly identified places of refuge within public facilities and spaces, neighborhoods, and businesses. (Extreme Temperatures)

Ongoing

Q18

Establish clearly identified places of refuge within public facilities and spaces, neighborhoods, and businesses. (Extreme Temperatures)

Respondent skipped this question

Q19

Establish program(s) providing air conditioning to at-risk populations. (Extreme Temperatures)

Ongoing

Q20

Establish program(s) providing air conditioning to at-risk populations. (Extreme Temperatures)

Respondent skipped this question

Q21

Provide water and shade at all public outdoor events during extreme heat. (Extreme Temperatures)

Ongoing

Q22

Provide water and shade at all public outdoor events during extreme heat. (Extreme Temperatures)

Respondent skipped this question

Q23

Develop a set of planned alternative routes and gate frequently flooded areas and inform the citizens. (Flooding)

Ongoing

Q24

Develop a set of planned alternative routes and gate frequently flooded areas and inform the citizens. (Flooding)

Respondent skipped this question

Q25

Develop and distribute an informational brochure on the types of homeowner’s hazard insurance, i.e. flood, fire, earthquake, etc. (Flooding)

Ongoing

Q26

Develop and distribute an informational brochure on the types of homeowner’s hazard insurance, i.e. flood, fire, earthquake, etc. (Flooding)

Respondent skipped this question

Q27

Encourage regular and periodic pier inspections for bridges. (Flooding)

Ongoing

Q28

Encourage regular and periodic pier inspections for bridges. (Flooding)

Respondent skipped this question

Q29

Encourage watershed and wetland planning, as well as natural resource management in conjunction with land-use planning for natural hazard mitigation. (Flooding)

Ongoing

Q30

Encourage watershed and wetland planning, as well as natural resource management in conjunction with land-use planning for natural hazard mitigation. (Flooding)

Respondent skipped this question

Q31

Establish a Flood Diversion program for roads in Greene County using the Hyper Reach mass notification system. (Flooding)

Ongoing

Q32

Establish a Flood Diversion program for roads in Greene County using the Hyper Reach mass notification system. (Flooding)

Respondent skipped this question

Q33

Identify at-risk structures in Special Flood Hazard Area. (Flooding)

Ongoing

Q34

Identify at-risk structures in Special Flood Hazard Area. (Flooding)

Respondent skipped this question

Q35

Massie Creek US 68 N property acquisition; Kaufman/Washington Mill/Patterson. (Flooding)

Ongoing

Q36

Massie Creek US 68 N property acquisition; Kaufman/Washington Mill/Patterson. (Flooding)

Respondent skipped this question

Q37

Educate the public, businesses and residents, of the importance of creating hazard contingency plans (May be included in materials about natural hazard risk). (Hazardous Materials)

Ongoing

Q38

Educate the public, businesses and residents, of the importance of creating hazard contingency plans (May be included in materials about natural hazard risk). (Hazardous Materials)

Respondent skipped this question

Q39

Partner with organizations whose mission is to restore or preserve beneficial natural systems (wetlands, watersheds, etc.). (Invasive Species)

Ongoing

Q40

Partner with organizations whose mission is to restore or preserve beneficial natural systems (wetlands, watersheds, etc.). (Invasive Species)

Respondent skipped this question

Q41

Develop and complete a baseline survey to gather citizens' perceptions of the risks associated with natural disasters and the tools and services available to the public to reduce risk. (Multiple Hazards)

Ongoing

Q42

Develop and complete a baseline survey to gather citizens' perceptions of the risks associated with natural disasters and the tools and services available to the public to reduce risk. (Multiple Hazards)

Respondent skipped this question

Q43

Develop and complete a periodic post- educational campaign surveys to gather citizens' perceptions of the risks associated with natural disasters and the tools and services available to the public to reduce risk (Method to measure the effectiveness of educational campaigns). (Multiple Hazards)

Ongoing

Q44

Develop and complete a periodic post- educational campaign surveys to gather citizens' perceptions of the risks associated with natural disasters and the tools and services available to the public to reduce risk (Method to measure the effectiveness of educational campaigns). (Multiple Hazards)

Respondent skipped this question

Q45

Develop and distribute information about risks associated with the identified natural disasters affecting the County. (Multiple Hazards)

Ongoing

Q46

Develop and distribute information about risks associated with the identified natural disasters affecting the County. (Multiple Hazards)

Respondent skipped this question

Q47

Encourage code enforcement and engineering practitioners to enroll in seminars/classes offered by accredited building training centers that showcase the latest materials and techniques in natural hazard resistant construction. (Multiple Hazards)

Ongoing

Q48

Encourage code enforcement and engineering practitioners to enroll in seminars/classes offered by accredited building training centers that showcase the latest materials and techniques in natural hazard resistant construction. (Multiple Hazards)

Respondent skipped this question

Q49

Encourage jurisdictions to prevent or prohibit new development in areas vulnerable to natural hazards. (Multiple Hazards)

Ongoing

Q50

Encourage jurisdictions to prevent or prohibit new development in areas vulnerable to natural hazards. (Multiple Hazards)

Respondent skipped this question

Q51

Encourage mitigation measures for existing development in areas vulnerable to natural hazards. (Multiple Hazards)

Ongoing

Q52

Encourage mitigation measures for existing development in areas vulnerable to natural hazards. (Multiple Hazards)

Respondent skipped this question

Q53

Encourage the cooperation of neighbors to include, but not limited to: Contingency plans for the evacuation and care of neighboring families and pets and communication among the neighbors in the event of a natural hazard.; Contingency plans for checking- in on the shut-in and frail elderly neighbors. (Multiple Hazards)

Ongoing

Q54

Encourage the cooperation of neighbors to include, but not limited to: Contingency plans for the evacuation and care of neighboring families and pets and communication among the neighbors in the event of a natural hazard.; Contingency plans for checking- in on the shut-in and frail elderly neighbors. (Multiple Hazards)

Respondent skipped this question

Q55

Two maps should be generated as established in the Miami Valley Emergency Operations Plan, 1993, Annex L, Damage Assessment, PG L-5. One map should graphically display Public damage where the worst damage is located and where minimal damage is located. The second should address the same for Private damages. (Multiple Hazards)

Ongoing

Q56

Two maps should be generated as established in the Miami Valley Emergency Operations Plan, 1993, Annex L, Damage Assessment, PG L-5. One map should graphically display Public damage where the worst damage is located and where minimal damage is located. The second should address the same for Private damages. (Multiple Hazards)

Respondent skipped this question

Page 3: Mitigation Actions: Greene County (Page 2 of 2)

Q57

Develop and distribute information/education on weather-related-preparedness tools and resources, i.e. sources to purchase such material, etc. (Severe Summer Weather)

Ongoing

Q58

Develop and distribute information/education on weather-related-preparedness tools and resources, i.e. sources to purchase such material, etc. (Severe Summer Weather)

Respondent skipped this question

Q59

Develop and launch awareness/educational campaigns to increase knowledge of weather alert methods (alert radios, e-mail, cell phones, etc.). (Severe Summer Weather)

Ongoing

Q60

Develop and launch awareness/educational campaigns to increase knowledge of weather alert methods (alert radios, e-mail, cell phones, etc.). (Severe Summer Weather)

Respondent skipped this question

Q61

Educate the public on the importance of properly trimming and maintaining the trees on their property (may be included in materials about natural hazard risk). (Severe Summer Weather)

Ongoing

Q62

Educate the public on the importance of properly trimming and maintaining the trees on their property (may be included in materials about natural hazard risk). (Severe Summer Weather)

Respondent skipped this question

Q63

Encourage the use of vinyl siding to reduce dent damage due to hail incidents. (Severe Summer Weather)

Ongoing

Q64

Encourage the use of vinyl siding to reduce dent damage due to hail incidents. (Severe Summer Weather)

Respondent skipped this question

Q65

Encourage utility companies to hire tree trimming contractors who are capable of a more citizen friendly trimming service (Severe Summer Weather)

Ongoing

Q66

Encourage utility companies to hire tree trimming contractors who are capable of a more citizen friendly trimming service (Severe Summer Weather)

Respondent skipped this question

Q67

Furnish and install a 25KW Emergency Standby Generator with Automatic Transfer Switch at Gerspacher Water Tower. This generator is needed to maintain communications. (Severe Summer Weather)

Ongoing

Q68

Furnish and install a 25KW Emergency Standby Generator with Automatic Transfer Switch at Gerspacher Water Tower. This generator is needed to maintain communications. (Severe Summer Weather)

Respondent skipped this question

Q69

Furnish and install a 25KW Emergency Standby Generator with Automatic Transfer Switch at Indian Ripple Water Tower. This generator is needed to maintain communications. (Severe Summer Weather)

Ongoing

Q70

Furnish and install a 25KW Emergency Standby Generator with Automatic Transfer Switch at Indian Ripple Water Tower. This generator is needed to maintain communications. (Severe Summer Weather)

Respondent skipped this question

Q71

Furnish and install a 40KW Emergency Standby Generator with Automatic Transfer Switch at the Valley Well Field for wells 11 and 12. This generator is needed to maintain continuous service to the potable water system. (Severe Summer Weather)

Ongoing

Q72

Furnish and install a 40KW Emergency Standby Generator with Automatic Transfer Switch at the Valley Well Field for wells 11 and 12. This generator is needed to maintain continuous service to the potable water system. (Severe Summer Weather)

Respondent skipped this question

Q73

Furnish and install an emergency generator with automatic transfer switch at the Environmental Services facility. The facility is the receiving facility for storm debris and 24/7 operation could be needed. (Severe Summer Weather)

Ongoing

Q74

Furnish and install an emergency generator with automatic transfer switch at the Environmental Services facility. The facility is the receiving facility for storm debris and 24/7 operation could be needed. (Severe Summer Weather)

Respondent skipped this question

Q75

Supply equipment to manage storm debris. (Severe Summer Weather)

Ongoing

Q76

Supply equipment to manage storm debris. (Severe Summer Weather)

Respondent skipped this question

Q77

Supply two portable generators with emergency connections to be used at sanitary lift stations and potable water pump stations during power outages. (Severe Summer Weather)

Ongoing

Q78

Supply two portable generators with emergency connections to be used at sanitary lift stations and potable water pump stations during power outages. (Severe Summer Weather)

Respondent skipped this question

Q79

Establish and encourage the use of weather warning radios in all public spaces, businesses, and residences. (Severe Winter Weather)

Ongoing

Q80

Establish and encourage the use of weather warning radios in all public spaces, businesses, and residences. (Severe Winter Weather)

Respondent skipped this question

Q81

Generator upgrade for jail. (Severe Winter Weather)

Ongoing

Q82

Generator upgrade for jail. (Severe Winter Weather)

Respondent skipped this question

Q83

High impact window coverings for jail. (Terrorism)

Ongoing

Q84

High impact window coverings for jail. (Terrorism)

Respondent skipped this question

Q85

Upgrade windows to high impact windows on schools. (Terrorism)

Ongoing

Q86

Upgrade windows to high impact windows on schools. (Terrorism)

Respondent skipped this question

Q87

Appeal to the State to enhance or create wind/impact resistant Ohio Basic Building Code(s). (Tornado)

Ongoing

Q88

Appeal to the State to enhance or create wind/impact resistant Ohio Basic Building Code(s). (Tornado)

Respondent skipped this question

Q89

Construct tornado safe rooms in public areas and neighborhoods without basements. (Tornado)

Ongoing

Q90

Construct tornado safe rooms in public areas and neighborhoods without basements. (Tornado)

Respondent skipped this question

Q91

Encourage the use of wind and impact resistant building components designed to withstand tornado strength winds. (Tornado)

Ongoing

Q92

Encourage the use of wind and impact resistant building components designed to withstand tornado strength winds. (Tornado)

Respondent skipped this question

Q93

Install a tornado warning system on the north end of town near the university campus. (Tornado)

Ongoing

Q94

Install a tornado warning system on the north end of town near the university campus. (Tornado)

Respondent skipped this question

Q95

Request legislation requiring tornado safe rooms in new mobile home communities and new residential communities without basements. (Tornado)

Ongoing

Q96

Request legislation requiring tornado safe rooms in new mobile home communities and new residential communities without basements. (Tornado)

Respondent skipped this question

Q97

Seek $2.1 million in funding to install a county-wide tornado warning system complete with battery backup in communities with inadequate coverage, or no tornado siren systems. (Tornado)

Ongoing

Q98

Seek $2.1 million in funding to install a county-wide tornado warning system complete with battery backup in communities with inadequate coverage, or no tornado siren systems. (Tornado)

Respondent skipped this question

Q99

Supply of a portable 6-inch bypass pump that will be used to bypass pump the sanitary sewer in the event of a catastrophic failure of the system. The proximity of local streams, creeks, and rivers make this equipment a higher priority to prevent pollution of the environment. (Tornado)

Ongoing

Q100

Supply of a portable 6-inch bypass pump that will be used to bypass pump the sanitary sewer in the event of a catastrophic failure of the system. The proximity of local streams, creeks, and rivers make this equipment a higher priority to prevent pollution of the environment. (Tornado)

Respondent skipped this question

Q101

Supply of an emergency response trailer including chainsaws, traffic safety signage, and proper PPE. (Tornado)

Ongoing

Q102

Supply of an emergency response trailer including chainsaws, traffic safety signage, and proper PPE. (Tornado)

Respondent skipped this question

Q103

Test the effectiveness of tornado sirens. (Tornado)

Ongoing

Q104

Test the effectiveness of tornado sirens. (Tornado)

Respondent skipped this question

Q105

Tornado safe rooms for Kitridge Road, Spangler Road and Spring Valley and State Route 725 Trailer Parks. (Tornado)

Ongoing

Q106

Tornado safe rooms for Kitridge Road, Spangler Road and Spring Valley and State Route 725 Trailer Parks. (Tornado)

Respondent skipped this question

Q107

Launch educational campaigns through public/government cable channels and newsletters, websites, street festivals, libraries, school functions, etc. (Water Quality)

Ongoing

Q108

Launch educational campaigns through public/government cable channels and newsletters, websites, street festivals, libraries, school functions, etc. (Water Quality)

Respondent skipped this question

Q109

Develop and distribute information about risks associated with wildfires. (Wildfire)

Ongoing

Q110

Develop and distribute information about risks associated with wildfires. (Wildfire)

Respondent skipped this question

#7

COMPLETE

Collector:	Web Link 1 (Web Link)
Started:	Wednesday, April 09, 2025 7:11:21 AM
Last Modified:	Wednesday, April 09, 2025 7:43:54 AM
Time Spent:	00:32:33
IP Address:	96.11.195.132

Page 1: Survey Description

Q1

Contact Information

Name	**Michelle Hudnell**
Organization/Agency	**RPCC**
Title/Position	**Associate Planner**
Email Address	**michelle.hudnell@greenecountyohio.gov**

Q2 **Greene County**

Which jurisdiction do you represent?

Page 2: Mitigation Actions: Greene County (Page 1 of 2)

Q3 **Respondent skipped this question**

Concrete, structural repairs, and other improvements at Huffman Dam. (Dam/Levee Failure)

Q4 **Respondent skipped this question**

Concrete, structural repairs, and other improvements at Huffman Dam. (Dam/Levee Failure)

Q5 **Respondent skipped this question**

Construct or repair storm drainage systems and/or levees. (Dam/Levee Failure)

Q6 **Respondent skipped this question**

Construct or repair storm drainage systems and/or levees. (Dam/Levee Failure)

Q7

Develop a dam failure evacuation plan for Huffman Dam. (Dam/Levee Failure)

Respondent skipped this question

Q8

Develop a dam failure evacuation plan for Huffman Dam. (Dam/Levee Failure)

Respondent skipped this question

Q9

Structural stability analysis of Huffman Dam to assess any risks and develop a rehabilitation strategy, if necessary. (Dam/Levee Failure)

Respondent skipped this question

Q10

Structural stability analysis of Huffman Dam to assess any risks and develop a rehabilitation strategy, if necessary. (Dam/Levee Failure)

Respondent skipped this question

Q11

Update dam maintenance programs and services. (Dam/Levee Failure)

Respondent skipped this question

Q12

Update dam maintenance programs and services. (Dam/Levee Failure)

Respondent skipped this question

Q13

Develop and distribute information about risks associated with drought. (Drought)

Respondent skipped this question

Q14

Develop and distribute information about risks associated with drought. (Drought)

Respondent skipped this question

Q15

Require compliance and enforcement of existing building codes. (Earthquakes)

Respondent skipped this question

Q16

Require compliance and enforcement of existing building codes. (Earthquakes)

Respondent skipped this question

Q17

Establish clearly identified places of refuge within public facilities and spaces, neighborhoods, and businesses. (Extreme Temperatures)

Respondent skipped this question

Q18

Establish clearly identified places of refuge within public facilities and spaces, neighborhoods, and businesses. (Extreme Temperatures)

Respondent skipped this question

Q19

Establish program(s) providing air conditioning to at-risk populations. (Extreme Temperatures)

Respondent skipped this question

Q20

Establish program(s) providing air conditioning to at-risk populations. (Extreme Temperatures)

Respondent skipped this question

Q21

Provide water and shade at all public outdoor events during extreme heat. (Extreme Temperatures)

Respondent skipped this question

Q22

Provide water and shade at all public outdoor events during extreme heat. (Extreme Temperatures)

Respondent skipped this question

Q23

Develop a set of planned alternative routes and gate frequently flooded areas and inform the citizens. (Flooding)

Respondent skipped this question

Q24

Develop a set of planned alternative routes and gate frequently flooded areas and inform the citizens. (Flooding)

Respondent skipped this question

Q25

Develop and distribute an informational brochure on the types of homeowner’s hazard insurance, i.e. flood, fire, earthquake, etc. (Flooding)

Deleted

Q26

Develop and distribute an informational brochure on the types of homeowner’s hazard insurance, i.e. flood, fire, earthquake, etc. (Flooding)

Respondent skipped this question

Q27

Encourage regular and periodic pier inspections for bridges. (Flooding)

Deleted

Q28

Encourage regular and periodic pier inspections for bridges. (Flooding)

Respondent skipped this question

Q29

Encourage watershed and wetland planning, as well as natural resource management in conjunction with land-use planning for natural hazard mitigation. (Flooding)

Ongoing

Q30

Encourage watershed and wetland planning, as well as natural resource management in conjunction with land-use planning for natural hazard mitigation. (Flooding)

Cost Effective	**5**
Technically Feasible	**1**
Environmentally Sound	**2**
Immediate Need	**4**
Risk Reduction	**3**

Q31

Establish a Flood Diversion program for roads in Greene County using the Hyper Reach mass notification system. (Flooding)

Deleted

Q32

Establish a Flood Diversion program for roads in Greene County using the Hyper Reach mass notification system. (Flooding)

Respondent skipped this question

Q33

Identify at-risk structures in Special Flood Hazard Area. (Flooding)

Respondent skipped this question

Q34

Identify at-risk structures in Special Flood Hazard Area. (Flooding)

Respondent skipped this question

Q35

Massie Creek US 68 N property acquisition; Kaufman/Washington Mill/Patterson. (Flooding)

Respondent skipped this question

Q36

Massie Creek US 68 N property acquisition; Kaufman/Washington Mill/Patterson. (Flooding)

Respondent skipped this question

Q37

Educate the public, businesses and residents, of the importance of creating hazard contingency plans (May be included in materials about natural hazard risk). (Hazardous Materials)

Respondent skipped this question

Q38

Educate the public, businesses and residents, of the importance of creating hazard contingency plans (May be included in materials about natural hazard risk). (Hazardous Materials)

Respondent skipped this question

Q39

Partner with organizations whose mission is to restore or preserve beneficial natural systems (wetlands, watersheds, etc.). (Invasive Species)

Respondent skipped this question

Q40

Partner with organizations whose mission is to restore or preserve beneficial natural systems (wetlands, watersheds, etc.). (Invasive Species)

Respondent skipped this question

Q41

Develop and complete a baseline survey to gather citizens' perceptions of the risks associated with natural disasters and the tools and services available to the public to reduce risk. (Multiple Hazards)

Respondent skipped this question

Q42

Develop and complete a baseline survey to gather citizens' perceptions of the risks associated with natural disasters and the tools and services available to the public to reduce risk. (Multiple Hazards)

Respondent skipped this question

Q43

Develop and complete a periodic post- educational campaign surveys to gather citizens' perceptions of the risks associated with natural disasters and the tools and services available to the public to reduce risk (Method to measure the effectiveness of educational campaigns). (Multiple Hazards)

Respondent skipped this question

Q44

Develop and complete a periodic post- educational campaign surveys to gather citizens' perceptions of the risks associated with natural disasters and the tools and services available to the public to reduce risk (Method to measure the effectiveness of educational campaigns). (Multiple Hazards)

Respondent skipped this question

Q45

Develop and distribute information about risks associated with the identified natural disasters affecting the County. (Multiple Hazards)

Respondent skipped this question

Q46

Develop and distribute information about risks associated with the identified natural disasters affecting the County. (Multiple Hazards)

Respondent skipped this question

Q47

Encourage code enforcement and engineering practitioners to enroll in seminars/classes offered by accredited building training centers that showcase the latest materials and techniques in natural hazard resistant construction. (Multiple Hazards)

Respondent skipped this question

Q48

Encourage code enforcement and engineering practitioners to enroll in seminars/classes offered by accredited building training centers that showcase the latest materials and techniques in natural hazard resistant construction. (Multiple Hazards)

Respondent skipped this question

Q49

Encourage jurisdictions to prevent or prohibit new development in areas vulnerable to natural hazards. (Multiple Hazards)

Ongoing

Q50

Encourage jurisdictions to prevent or prohibit new development in areas vulnerable to natural hazards. (Multiple Hazards)

Cost Effective	**4**
Technically Feasible	**2**
Environmentally Sound	**3**
Immediate Need	**5**
Risk Reduction	**1**
Comment::	We do not do this yet that I am aware of, but it sounds like a great idea.

Q51

Encourage mitigation measures for existing development in areas vulnerable to natural hazards. (Multiple Hazards)

Respondent skipped this question

Q52

Encourage mitigation measures for existing development in areas vulnerable to natural hazards. (Multiple Hazards)

Respondent skipped this question

Q53

Encourage the cooperation of neighbors to include, but not limited to: Contingency plans for the evacuation and care of neighboring families and pets and communication among the neighbors in the event of a natural hazard.; Contingency plans for checking- in on the shut-in and frail elderly neighbors. (Multiple Hazards)

Respondent skipped this question

Q54

Encourage the cooperation of neighbors to include, but not limited to: Contingency plans for the evacuation and care of neighboring families and pets and communication among the neighbors in the event of a natural hazard.; Contingency plans for checking- in on the shut-in and frail elderly neighbors. (Multiple Hazards)

Respondent skipped this question

Q55

Two maps should be generated as established in the Miami Valley Emergency Operations Plan, 1993, Annex L, Damage Assessment, PG L-5. One map should graphically display Public damage where the worst damage is located and where minimal damage is located. The second should address the same for Private damages. (Multiple Hazards)

Respondent skipped this question

Q56

Two maps should be generated as established in the Miami Valley Emergency Operations Plan, 1993, Annex L, Damage Assessment, PG L-5. One map should graphically display Public damage where the worst damage is located and where minimal damage is located. The second should address the same for Private damages. (Multiple Hazards)

Respondent skipped this question

Page 3: Mitigation Actions: Greene County (Page 2 of 2)

Q57

Develop and distribute information/education on weather-related-preparedness tools and resources, i.e. sources to purchase such material, etc. (Severe Summer Weather)

Respondent skipped this question

Q58

Develop and distribute information/education on weather-related-preparedness tools and resources, i.e. sources to purchase such material, etc. (Severe Summer Weather)

Respondent skipped this question

Q59

Develop and launch awareness/educational campaigns to increase knowledge of weather alert methods (alert radios, e-mail, cell phones, etc.). (Severe Summer Weather)

Respondent skipped this question

Q60

Develop and launch awareness/educational campaigns to increase knowledge of weather alert methods (alert radios, e-mail, cell phones, etc.). (Severe Summer Weather)

Respondent skipped this question

Q61

Educate the public on the importance of properly trimming and maintaining the trees on their property (may be included in materials about natural hazard risk). (Severe Summer Weather)

Respondent skipped this question

Q62

Educate the public on the importance of properly trimming and maintaining the trees on their property (may be included in materials about natural hazard risk). (Severe Summer Weather)

Respondent skipped this question

Q63

Encourage the use of vinyl siding to reduce dent damage due to hail incidents. (Severe Summer Weather)

Respondent skipped this question

Q64

Encourage the use of vinyl siding to reduce dent damage due to hail incidents. (Severe Summer Weather)

Respondent skipped this question

Q65

Encourage utility companies to hire tree trimming contractors who are capable of a more citizen friendly trimming service (Severe Summer Weather)

Respondent skipped this question

Q66

Encourage utility companies to hire tree trimming contractors who are capable of a more citizen friendly trimming service (Severe Summer Weather)

Respondent skipped this question

Q67

Furnish and install a 25KW Emergency Standby Generator with Automatic Transfer Switch at Gerspacher Water Tower. This generator is needed to maintain communications. (Severe Summer Weather)

Respondent skipped this question

Q68

Furnish and install a 25KW Emergency Standby Generator with Automatic Transfer Switch at Gerspacher Water Tower. This generator is needed to maintain communications. (Severe Summer Weather)

Respondent skipped this question

Q69

Furnish and install a 25KW Emergency Standby Generator with Automatic Transfer Switch at Indian Ripple Water Tower. This generator is needed to maintain communications. (Severe Summer Weather)

Respondent skipped this question

Q70

Furnish and install a 25KW Emergency Standby Generator with Automatic Transfer Switch at Indian Ripple Water Tower. This generator is needed to maintain communications. (Severe Summer Weather)

Respondent skipped this question

Q71

Furnish and install a 40KW Emergency Standby Generator with Automatic Transfer Switch at the Valley Well Field for wells 11 and 12. This generator is needed to maintain continuous service to the potable water system. (Severe Summer Weather)

Respondent skipped this question

Q72

Furnish and install a 40KW Emergency Standby Generator with Automatic Transfer Switch at the Valley Well Field for wells 11 and 12. This generator is needed to maintain continuous service to the potable water system. (Severe Summer Weather)

Respondent skipped this question

Q73

Furnish and install an emergency generator with automatic transfer switch at the Environmental Services facility. The facility is the receiving facility for storm debris and 24/7 operation could be needed. (Severe Summer Weather)

Respondent skipped this question

Q74

Furnish and install an emergency generator with automatic transfer switch at the Environmental Services facility. The facility is the receiving facility for storm debris and 24/7 operation could be needed. (Severe Summer Weather)

Respondent skipped this question

Q75

Supply equipment to manage storm debris. (Severe Summer Weather)

Respondent skipped this question

Q76

Supply equipment to manage storm debris. (Severe Summer Weather)

Respondent skipped this question

Q77

Supply two portable generators with emergency connections to be used at sanitary lift stations and potable water pump stations during power outages. (Severe Summer Weather)

Respondent skipped this question

Q78

Supply two portable generators with emergency connections to be used at sanitary lift stations and potable water pump stations during power outages. (Severe Summer Weather)

Respondent skipped this question

Q79

Establish and encourage the use of weather warning radios in all public spaces, businesses, and residences. (Severe Winter Weather)

Respondent skipped this question

Q80

Establish and encourage the use of weather warning radios in all public spaces, businesses, and residences. (Severe Winter Weather)

Respondent skipped this question

Q81

Generator upgrade for jail. (Severe Winter Weather)

Respondent skipped this question

Q82

Generator upgrade for jail. (Severe Winter Weather)

Respondent skipped this question

Q83

High impact window coverings for jail. (Terrorism)

Respondent skipped this question

Q84

High impact window coverings for jail. (Terrorism)

Respondent skipped this question

Q85

Upgrade windows to high impact windows on schools. (Terrorism)

Respondent skipped this question

Q86

Upgrade windows to high impact windows on schools. (Terrorism)

Respondent skipped this question

Q87

Appeal to the State to enhance or create wind/impact resistant Ohio Basic Building Code(s). (Tornado)

Respondent skipped this question

Q88

Appeal to the State to enhance or create wind/impact resistant Ohio Basic Building Code(s). (Tornado)

Respondent skipped this question

Q89

Construct tornado safe rooms in public areas and neighborhoods without basements. (Tornado)

Respondent skipped this question

Q90

Construct tornado safe rooms in public areas and neighborhoods without basements. (Tornado)

Respondent skipped this question

Q91

Encourage the use of wind and impact resistant building components designed to withstand tornado strength winds. (Tornado)

Respondent skipped this question

Q92

Encourage the use of wind and impact resistant building components designed to withstand tornado strength winds. (Tornado)

Respondent skipped this question

Q93

Install a tornado warning system on the north end of town near the university campus. (Tornado)

Respondent skipped this question

Q94

Install a tornado warning system on the north end of town near the university campus. (Tornado)

Respondent skipped this question

Q95

Request legislation requiring tornado safe rooms in new mobile home communities and new residential communities without basements. (Tornado)

Respondent skipped this question

Q96

Request legislation requiring tornado safe rooms in new mobile home communities and new residential communities without basements. (Tornado)

Respondent skipped this question

Q97

Seek $2.1 million in funding to install a county-wide tornado warning system complete with battery backup in communities with inadequate coverage, or no tornado siren systems. (Tornado)

Respondent skipped this question

Q98

Seek $2.1 million in funding to install a county-wide tornado warning system complete with battery backup in communities with inadequate coverage, or no tornado siren systems. (Tornado)

Respondent skipped this question

Q99

Supply of a portable 6-inch bypass pump that will be used to bypass pump the sanitary sewer in the event of a catastrophic failure of the system. The proximity of local streams, creeks, and rivers make this equipment a higher priority to prevent pollution of the environment. (Tornado)

Respondent skipped this question

Q100

Supply of a portable 6-inch bypass pump that will be used to bypass pump the sanitary sewer in the event of a catastrophic failure of the system. The proximity of local streams, creeks, and rivers make this equipment a higher priority to prevent pollution of the environment. (Tornado)

Respondent skipped this question

Q101

Supply of an emergency response trailer including chainsaws, traffic safety signage, and proper PPE. (Tornado)

Respondent skipped this question

Q102

Supply of an emergency response trailer including chainsaws, traffic safety signage, and proper PPE. (Tornado)

Respondent skipped this question

Q103

Test the effectiveness of tornado sirens. (Tornado)

Respondent skipped this question

Q104

Test the effectiveness of tornado sirens. (Tornado)

Respondent skipped this question

Q105

Tornado safe rooms for Kitridge Road, Spangler Road and Spring Valley and State Route 725 Trailer Parks. (Tornado)

Deleted

Q106

Tornado safe rooms for Kitridge Road, Spangler Road and Spring Valley and State Route 725 Trailer Parks. (Tornado)

Comment::

Spangler road trailer park is gone.

Q107

Launch educational campaigns through public/government cable channels and newsletters, websites, street festivals, libraries, school functions, etc. (Water Quality)

Respondent skipped this question

Q108

Launch educational campaigns through public/government cable channels and newsletters, websites, street festivals, libraries, school functions, etc. (Water Quality)

Respondent skipped this question

Q109

Develop and distribute information about risks associated with wildfires. (Wildfire)

Respondent skipped this question

Q110

Develop and distribute information about risks associated with wildfires. (Wildfire)

Respondent skipped this question

#6

COMPLETE

Collector:	Web Link 1 (Web Link)
Started:	Tuesday, March 11, 2025 4:38:33 PM
Last Modified:	Tuesday, March 11, 2025 4:50:52 PM
Time Spent:	00:12:19
IP Address:	174.200.127.195

Page 1: Survey Description

Q1

Contact Information

Name	**Beth Rubin**
Organization/Agency	**Greene CDJFS**
Title/Position	**Director**
Email Address	**beth.rubin@jfs.ohio.gov**

Q2 **Greene County**

Which jurisdiction do you represent?

Page 2: Mitigation Actions: Greene County (Page 1 of 2)

Q3 **Ongoing**

Concrete, structural repairs, and other improvements at Huffman Dam. (Dam/Levee Failure)

Q4

Concrete, structural repairs, and other improvements at Huffman Dam. (Dam/Levee Failure)

Cost Effective	**3**
Technically Feasible	**3**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**3**

Q5 **Ongoing**

Construct or repair storm drainage systems and/or levees. (Dam/Levee Failure)

Q6

Construct or repair storm drainage systems and/or levees. (Dam/Levee Failure)

Cost Effective	**3**
Technically Feasible	**3**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**3**

Q7 **Ongoing**

Develop a dam failure evacuation plan for Huffman Dam. (Dam/Levee Failure)

Q8

Develop a dam failure evacuation plan for Huffman Dam. (Dam/Levee Failure)

Cost Effective	**3**
Technically Feasible	**3**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**3**

Q9 **Ongoing**

Structural stability analysis of Huffman Dam to assess any risks and develop a rehabilitation strategy, if necessary. (Dam/Levee Failure)

Q10

Structural stability analysis of Huffman Dam to assess any risks and develop a rehabilitation strategy, if necessary. (Dam/Levee Failure)

Cost Effective	**3**
Technically Feasible	**3**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**3**

Q11	**Ongoing**
Update dam maintenance programs and services. (Dam/Levee Failure)	

Q12

Update dam maintenance programs and services. (Dam/Levee Failure)

Cost Effective	**3**
Technically Feasible	**3**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**3**

Q13	**Ongoing**
Develop and distribute information about risks associated with drought. (Drought)	

Q14

Develop and distribute information about risks associated with drought. (Drought)

Cost Effective	**3**
Technically Feasible	**3**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**3**

Q15	**Ongoing**
Require compliance and enforcement of existing building codes. (Earthquakes)	

Q16

Require compliance and enforcement of existing building codes. (Earthquakes)

Cost Effective	**5**
Technically Feasible	**5**
Environmentally Sound	**5**
Immediate Need	**4**
Risk Reduction	**5**

Q17	**Ongoing**
Establish clearly identified places of refuge within public facilities and spaces, neighborhoods, and businesses. (Extreme Temperatures)	

Q18

Establish clearly identified places of refuge within public facilities and spaces, neighborhoods, and businesses. (Extreme Temperatures)

Cost Effective	**4**
Technically Feasible	**4**
Environmentally Sound	**4**
Immediate Need	**4**
Risk Reduction	**4**

Q19	**Completed**
Establish program(s) providing air conditioning to at-risk populations. (Extreme Temperatures)	

Q20

Establish program(s) providing air conditioning to at-risk populations. (Extreme Temperatures)

Cost Effective	**5**
Technically Feasible	**5**
Environmentally Sound	**5**
Immediate Need	**5**
Risk Reduction	**5**

Q21	**Ongoing**
Provide water and shade at all public outdoor events during extreme heat. (Extreme Temperatures)	

Q22

Provide water and shade at all public outdoor events during extreme heat. (Extreme Temperatures)

Cost Effective	**4**
Technically Feasible	**4**
Environmentally Sound	**3**
Immediate Need	**4**
Risk Reduction	**5**

Q23 **Ongoing**

Develop a set of planned alternative routes and gate frequently flooded areas and inform the citizens. (Flooding)

Q24

Develop a set of planned alternative routes and gate frequently flooded areas and inform the citizens. (Flooding)

Cost Effective	**5**
Technically Feasible	**5**
Environmentally Sound	**5**
Immediate Need	**5**
Risk Reduction	**5**

Q25 **Ongoing**

Develop and distribute an informational brochure on the types of homeowner’s hazard insurance, i.e. flood, fire, earthquake, etc. (Flooding)

Q26

Develop and distribute an informational brochure on the types of homeowner’s hazard insurance, i.e. flood, fire, earthquake, etc. (Flooding)

Cost Effective	**4**
Technically Feasible	**4**
Environmentally Sound	**5**
Immediate Need	**3**
Risk Reduction	**3**

Q27	**Ongoing**
Encourage regular and periodic pier inspections for bridges. (Flooding)	

Q28

Encourage regular and periodic pier inspections for bridges. (Flooding)

Cost Effective	**5**
Technically Feasible	**5**
Environmentally Sound	**5**
Immediate Need	**5**
Risk Reduction	**5**

Q29	**Ongoing**
Encourage watershed and wetland planning, as well as natural resource management in conjunction with land-use planning for natural hazard mitigation. (Flooding)	

Q30

Encourage watershed and wetland planning, as well as natural resource management in conjunction with land-use planning for natural hazard mitigation. (Flooding)

Cost Effective	**3**
Technically Feasible	**3**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**3**

Q31	**Ongoing**
Establish a Flood Diversion program for roads in Greene County using the Hyper Reach mass notification system. (Flooding)	

Q32

Establish a Flood Diversion program for roads in Greene County using the Hyper Reach mass notification system. (Flooding)

Cost Effective	**5**
Technically Feasible	**4**
Environmentally Sound	**5**
Immediate Need	**4**
Risk Reduction	**5**

Q33 **Ongoing**

Identify at-risk structures in Special Flood Hazard Area. (Flooding)

Q34

Identify at-risk structures in Special Flood Hazard Area. (Flooding)

Cost Effective	**5**
Technically Feasible	**5**
Environmentally Sound	**5**
Immediate Need	**5**
Risk Reduction	**5**

Q35 **Ongoing**

Massie Creek US 68 N property acquisition; Kaufman/Washington Mill/Patterson. (Flooding)

Q36

Massie Creek US 68 N property acquisition; Kaufman/Washington Mill/Patterson. (Flooding)

Cost Effective	**3**
Technically Feasible	**3**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**3**

Q37	**Ongoing**
Educate the public, businesses and residents, of the importance of creating hazard contingency plans (May be included in materials about natural hazard risk). (Hazardous Materials)	

Q38

Educate the public, businesses and residents, of the importance of creating hazard contingency plans (May be included in materials about natural hazard risk). (Hazardous Materials)

Cost Effective	**5**
Technically Feasible	**4**
Environmentally Sound	**5**
Immediate Need	**4**
Risk Reduction	**5**

Q39	**Ongoing**
Partner with organizations whose mission is to restore or preserve beneficial natural systems (wetlands, watersheds, etc.). (Invasive Species)	

Q40

Partner with organizations whose mission is to restore or preserve beneficial natural systems (wetlands, watersheds, etc.). (Invasive Species)

Cost Effective	**3**
Technically Feasible	**3**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**3**

Q41	**Ongoing**
Develop and complete a baseline survey to gather citizens' perceptions of the risks associated with natural disasters and the tools and services available to the public to reduce risk. (Multiple Hazards)	

Q42

Develop and complete a baseline survey to gather citizens' perceptions of the risks associated with natural disasters and the tools and services available to the public to reduce risk. (Multiple Hazards)

Cost Effective	**3**
Technically Feasible	**3**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**3**

Q43 **Ongoing**

Develop and complete a periodic post- educational campaign surveys to gather citizens' perceptions of the risks associated with natural disasters and the tools and services available to the public to reduce risk (Method to measure the effectiveness of educational campaigns). (Multiple Hazards)

Q44

Develop and complete a periodic post- educational campaign surveys to gather citizens' perceptions of the risks associated with natural disasters and the tools and services available to the public to reduce risk (Method to measure the effectiveness of educational campaigns). (Multiple Hazards)

Cost Effective	**3**
Technically Feasible	**3**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**3**

Q45 **Ongoing**

Develop and distribute information about risks associated with the identified natural disasters affecting the County. (Multiple Hazards)

Q46

Develop and distribute information about risks associated with the identified natural disasters affecting the County. (Multiple Hazards)

Cost Effective	**4**
Technically Feasible	**4**
Environmentally Sound	**5**
Immediate Need	**4**
Risk Reduction	**5**

Q47 **Ongoing**

Encourage code enforcement and engineering practitioners to enroll in seminars/classes offered by accredited building training centers that showcase the latest materials and techniques in natural hazard resistant construction. (Multiple Hazards)

Q48

Encourage code enforcement and engineering practitioners to enroll in seminars/classes offered by accredited building training centers that showcase the latest materials and techniques in natural hazard resistant construction. (Multiple Hazards)

Cost Effective	**4**
Technically Feasible	**4**
Environmentally Sound	**4**
Immediate Need	**4**
Risk Reduction	**5**

Q49 **Ongoing**

Encourage jurisdictions to prevent or prohibit new development in areas vulnerable to natural hazards. (Multiple Hazards)

Q50

Encourage jurisdictions to prevent or prohibit new development in areas vulnerable to natural hazards. (Multiple Hazards)

Cost Effective	**5**
Technically Feasible	**5**
Environmentally Sound	**5**
Immediate Need	**5**
Risk Reduction	**5**

Q51 **Ongoing**

Encourage mitigation measures for existing development in areas vulnerable to natural hazards. (Multiple Hazards)

Q52

Encourage mitigation measures for existing development in areas vulnerable to natural hazards. (Multiple Hazards)

Cost Effective	**5**
Technically Feasible	**5**
Environmentally Sound	**5**
Immediate Need	**5**
Risk Reduction	**5**

Q53 **Ongoing**

Encourage the cooperation of neighbors to include, but not limited to: Contingency plans for the evacuation and care of neighboring families and pets and communication among the neighbors in the event of a natural hazard.; Contingency plans for checking- in on the shut-in and frail elderly neighbors. (Multiple Hazards)

Q54

Encourage the cooperation of neighbors to include, but not limited to: Contingency plans for the evacuation and care of neighboring families and pets and communication among the neighbors in the event of a natural hazard.; Contingency plans for checking- in on the shut-in and frail elderly neighbors. (Multiple Hazards)

Cost Effective	**2**
Technically Feasible	**1**
Environmentally Sound	**5**
Immediate Need	**3**
Risk Reduction	**5**

Q55	**Ongoing**
Two maps should be generated as established in the Miami Valley Emergency Operations Plan, 1993, Annex L, Damage Assessment, PG L-5. One map should graphically display Public damage where the worst damage is located and where minimal damage is located. The second should address the same for Private damages. (Multiple Hazards)	

Q56

Two maps should be generated as established in the Miami Valley Emergency Operations Plan, 1993, Annex L, Damage Assessment, PG L-5. One map should graphically display Public damage where the worst damage is located and where minimal damage is located. The second should address the same for Private damages. (Multiple Hazards)

Cost Effective	**3**
Technically Feasible	**3**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**3**

Page 3: Mitigation Actions: Greene County (Page 2 of 2)

Q57	**Ongoing**
Develop and distribute information/education on weather-related-preparedness tools and resources, i.e. sources to purchase such material, etc. (Severe Summer Weather)	

Q58

Develop and distribute information/education on weather- related-preparedness tools and resources, i.e. sources to purchase such material, etc. (Severe Summer Weather)

Cost Effective	**4**
Technically Feasible	**4**
Environmentally Sound	**3**
Immediate Need	**4**
Risk Reduction	**5**

Q59	**Ongoing**
Develop and launch awareness/educational campaigns to increase knowledge of weather alert methods (alert radios, e-mail, cell phones, etc.). (Severe Summer Weather)	

Q60

Develop and launch awareness/educational campaigns to increase knowledge of weather alert methods (alert radios, e-mail, cell phones, etc.). (Severe Summer Weather)

Cost Effective	**4**
Technically Feasible	**4**
Environmentally Sound	**4**
Immediate Need	**4**
Risk Reduction	**5**

Q61 **Ongoing**

Educate the public on the importance of properly trimming and maintaining the trees on their property (may be included in materials about natural hazard risk). (Severe Summer Weather)

Q62

Educate the public on the importance of properly trimming and maintaining the trees on their property (may be included in materials about natural hazard risk). (Severe Summer Weather)

Cost Effective	**3**
Technically Feasible	**3**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**3**

Q63 **Ongoing**

Encourage the use of vinyl siding to reduce dent damage due to hail incidents. (Severe Summer Weather)

Q64

Encourage the use of vinyl siding to reduce dent damage due to hail incidents. (Severe Summer Weather)

Cost Effective	**2**
Technically Feasible	**2**
Environmentally Sound	**1**
Immediate Need	**3**
Risk Reduction	**3**

Q65	Ongoing
Encourage utility companies to hire tree trimming contractors who are capable of a more citizen friendly trimming service (Severe Summer Weather)	

Q66

Encourage utility companies to hire tree trimming contractors who are capable of a more citizen friendly trimming service (Severe Summer Weather)

Cost Effective	**5**
Technically Feasible	**5**
Environmentally Sound	**5**
Immediate Need	**5**
Risk Reduction	**5**

Q67	Ongoing
Furnish and install a 25KW Emergency Standby Generator with Automatic Transfer Switch at Gerspacher Water Tower. This generator is needed to maintain communications. (Severe Summer Weather)	

Q68

Furnish and install a 25KW Emergency Standby Generator with Automatic Transfer Switch at Gerspacher Water Tower. This generator is needed to maintain communications. (Severe Summer Weather)

Cost Effective	**3**
Technically Feasible	**3**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**3**

Q69	Ongoing
Furnish and install a 25KW Emergency Standby Generator with Automatic Transfer Switch at Indian Ripple Water Tower. This generator is needed to maintain communications. (Severe Summer Weather)	

Q70

Furnish and install a 25KW Emergency Standby Generator with Automatic Transfer Switch at Indian Ripple Water Tower. This generator is needed to maintain communications. (Severe Summer Weather)

Cost Effective	**3**
Technically Feasible	**3**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**3**

Q71 **Ongoing**

Furnish and install a 40KW Emergency Standby Generator with Automatic Transfer Switch at the Valley Well Field for wells 11 and 12. This generator is needed to maintain continuous service to the potable water system. (Severe Summer Weather)

Q72

Furnish and install a 40KW Emergency Standby Generator with Automatic Transfer Switch at the Valley Well Field for wells 11 and 12. This generator is needed to maintain continuous service to the potable water system. (Severe Summer Weather)

Cost Effective	**3**
Technically Feasible	**3**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**3**

Q73 **Ongoing**

Furnish and install an emergency generator with automatic transfer switch at the Environmental Services facility. The facility is the receiving facility for storm debris and 24/7 operation could be needed. (Severe Summer Weather)

Q74

Furnish and install an emergency generator with automatic transfer switch at the Environmental Services facility. The facility is the receiving facility for storm debris and 24/7 operation could be needed. (Severe Summer Weather)

Cost Effective	**3**
Technically Feasible	**3**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**3**

Q75 **Ongoing**

Supply equipment to manage storm debris. (Severe Summer Weather)

Q76

Supply equipment to manage storm debris. (Severe Summer Weather)

Cost Effective	**3**
Technically Feasible	**3**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**3**

Q77 **Ongoing**

Supply two portable generators with emergency connections to be used at sanitary lift stations and potable water pump stations during power outages. (Severe Summer Weather)

Q78

Supply two portable generators with emergency connections to be used at sanitary lift stations and potable water pump stations during power outages. (Severe Summer Weather)

Cost Effective	**4**
Technically Feasible	**3**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**3**

Q79

Establish and encourage the use of weather warning radios in all public spaces, businesses, and residences. (Severe Winter Weather)

Ongoing

Q80

Establish and encourage the use of weather warning radios in all public spaces, businesses, and residences. (Severe Winter Weather)

Cost Effective	**5**
Technically Feasible	**5**
Environmentally Sound	**5**
Immediate Need	**5**
Risk Reduction	**5**

Q81

Generator upgrade for jail. (Severe Winter Weather)

Deleted

Q82

Generator upgrade for jail. (Severe Winter Weather)

Respondent skipped this question

Q83

High impact window coverings for jail. (Terrorism)

Deleted

Q84

High impact window coverings for jail. (Terrorism)

Respondent skipped this question

Q85

Upgrade windows to high impact windows on schools. (Terrorism)

Ongoing

Q86

Upgrade windows to high impact windows on schools. (Terrorism)

Cost Effective	**3**
Technically Feasible	**3**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**5**

Q87 **Ongoing**

Appeal to the State to enhance or create wind/impact resistant Ohio Basic Building Code(s). (Tornado)

Q88

Appeal to the State to enhance or create wind/impact resistant Ohio Basic Building Code(s). (Tornado)

Cost Effective	**3**
Technically Feasible	**3**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**5**

Q89 **Ongoing**

Construct tornado safe rooms in public areas and neighborhoods without basements. (Tornado)

Q90

Construct tornado safe rooms in public areas and neighborhoods without basements. (Tornado)

Cost Effective	**2**
Technically Feasible	**2**
Environmentally Sound	**5**
Immediate Need	**4**
Risk Reduction	**5**

Q91 **Ongoing**

Encourage the use of wind and impact resistant building components designed to withstand tornado strength winds. (Tornado)

Q92

Encourage the use of wind and impact resistant building components designed to withstand tornado strength winds. (Tornado)

Cost Effective	**2**
Technically Feasible	**2**
Environmentally Sound	**2**
Immediate Need	**5**
Risk Reduction	**5**

Q93 **Ongoing**

Install a tornado warning system on the north end of town near the university campus. (Tornado)

Q94

Install a tornado warning system on the north end of town near the university campus. (Tornado)

Cost Effective	**5**
Technically Feasible	**5**
Environmentally Sound	**5**
Immediate Need	**5**
Risk Reduction	**5**

Q95 **Ongoing**

Request legislation requiring tornado safe rooms in new mobile home communities and new residential communities without basements. (Tornado)

Q96

Request legislation requiring tornado safe rooms in new mobile home communities and new residential communities without basements. (Tornado)

Cost Effective	**2**
Technically Feasible	**2**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**5**

Q97	**Ongoing**
Seek $2.1 million in funding to install a county-wide tornado warning system complete with battery backup in communities with inadequate coverage, or no tornado siren systems. (Tornado)	

Q98

Seek $2.1 million in funding to install a county-wide tornado warning system complete with battery backup in communities with inadequate coverage, or no tornado siren systems. (Tornado)

Cost Effective	**5**
Technically Feasible	**5**
Environmentally Sound	**5**
Immediate Need	**5**
Risk Reduction	**5**

Q99	**Ongoing**
Supply of a portable 6-inch bypass pump that will be used to bypass pump the sanitary sewer in the event of a catastrophic failure of the system. The proximity of local streams, creeks, and rivers make this equipment a higher priority to prevent pollution of the environment. (Tornado)	

Q100

Supply of a portable 6-inch bypass pump that will be used to bypass pump the sanitary sewer in the event of a catastrophic failure of the system. The proximity of local streams, creeks, and rivers make this equipment a higher priority to prevent pollution of the environment. (Tornado)

Cost Effective	**3**
Technically Feasible	**3**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**3**

Q101	**Ongoing**
Supply of an emergency response trailer including chainsaws, traffic safety signage, and proper PPE. (Tornado)	

Q102

Supply of an emergency response trailer including chainsaws, traffic safety signage, and proper PPE. (Tornado)

Cost Effective	**3**
Technically Feasible	**3**
Environmentally Sound	**3**
Immediate Need	**4**
Risk Reduction	**3**

Q103 **Ongoing**

Test the effectiveness of tornado sirens. (Tornado)

Q104

Test the effectiveness of tornado sirens. (Tornado)

Cost Effective	**5**
Technically Feasible	**5**
Environmentally Sound	**5**
Immediate Need	**5**
Risk Reduction	**5**

Q105 **Ongoing**

Tornado safe rooms for Kitridge Road, Spangler Road and Spring Valley and State Route 725 Trailer Parks. (Tornado)

Q106

Tornado safe rooms for Kitridge Road, Spangler Road and Spring Valley and State Route 725 Trailer Parks. (Tornado)

Cost Effective	**3**
Technically Feasible	**3**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**3**

Q107 **Ongoing**

Launch educational campaigns through public/government cable channels and newsletters, websites, street festivals, libraries, school functions, etc. (Water Quality)

Q108

Launch educational campaigns through public/government cable channels and newsletters, websites, street festivals, libraries, school functions, etc. (Water Quality)

Cost Effective	**3**
Technically Feasible	**3**
Environmentally Sound	**2**
Immediate Need	**2**
Risk Reduction	**3**

Q109 **Ongoing**

Develop and distribute information about risks associated with wildfires. (Wildfire)

Q110

Develop and distribute information about risks associated with wildfires. (Wildfire)

Cost Effective	**2**
Technically Feasible	**2**
Environmentally Sound	**3**
Immediate Need	**4**
Risk Reduction	**4**

#2

COMPLETE

Collector: Web Link 1 (Web Link)
Started: Tuesday, March 11, 2025 1:29:48 PM
Last Modified: Tuesday, March 11, 2025 1:45:53 PM
Time Spent: 00:16:04
IP Address: 174.193.117.15

Page 1: Survey Description

Q1

Contact Information

Name	**Brandon Huddleson**
Organization/Agency	**Greene County**
Title/Position	**County Administrator**
Email Address	**brandon.huddleson@greenecountyohio.gov**

Q2 **Greene County**

Which jurisdiction do you represent?

Page 2: Mitigation Actions: Greene County (Page 1 of 2)

Q3 **Deleted**

Concrete, structural repairs, and other improvements at Huffman Dam. (Dam/Levee Failure)

Q4 **Respondent skipped this question**

Concrete, structural repairs, and other improvements at Huffman Dam. (Dam/Levee Failure)

Q5 **Deleted**

Construct or repair storm drainage systems and/or levees. (Dam/Levee Failure)

Q6 **Respondent skipped this question**

Construct or repair storm drainage systems and/or levees. (Dam/Levee Failure)

Q7 Develop a dam failure evacuation plan for Huffman Dam. (Dam/Levee Failure)	**Ongoing**
Q8 Develop a dam failure evacuation plan for Huffman Dam. (Dam/Levee Failure)	**Respondent skipped this question**
Q9 Structural stability analysis of Huffman Dam to assess any risks and develop a rehabilitation strategy, if necessary. (Dam/Levee Failure)	**Ongoing**
Q10 Structural stability analysis of Huffman Dam to assess any risks and develop a rehabilitation strategy, if necessary. (Dam/Levee Failure)	**Respondent skipped this question**
Q11 Update dam maintenance programs and services. (Dam/Levee Failure)	**Ongoing**
Q12 Update dam maintenance programs and services. (Dam/Levee Failure)	**Respondent skipped this question**
Q13 Develop and distribute information about risks associated with drought. (Drought)	**Ongoing**
Q14 Develop and distribute information about risks associated with drought. (Drought)	**Respondent skipped this question**
Q15 Require compliance and enforcement of existing building codes. (Earthquakes)	**Ongoing**

Q16

Require compliance and enforcement of existing building codes. (Earthquakes)

Respondent skipped this question

Q17

Establish clearly identified places of refuge within public facilities and spaces, neighborhoods, and businesses. (Extreme Temperatures)

Ongoing

Q18

Establish clearly identified places of refuge within public facilities and spaces, neighborhoods, and businesses. (Extreme Temperatures)

Respondent skipped this question

Q19

Establish program(s) providing air conditioning to at-risk populations. (Extreme Temperatures)

Respondent skipped this question

Q20

Establish program(s) providing air conditioning to at-risk populations. (Extreme Temperatures)

Respondent skipped this question

Q21

Provide water and shade at all public outdoor events during extreme heat. (Extreme Temperatures)

Respondent skipped this question

Q22

Provide water and shade at all public outdoor events during extreme heat. (Extreme Temperatures)

Respondent skipped this question

Q23

Develop a set of planned alternative routes and gate frequently flooded areas and inform the citizens. (Flooding)

Deleted

Q24

Develop a set of planned alternative routes and gate frequently flooded areas and inform the citizens. (Flooding)

Respondent skipped this question

Q25

Develop and distribute an informational brochure on the types of homeowner’s hazard insurance, i.e. flood, fire, earthquake, etc. (Flooding)

Deleted

Q26

Develop and distribute an informational brochure on the types of homeowner’s hazard insurance, i.e. flood, fire, earthquake, etc. (Flooding)

Respondent skipped this question

Q27

Encourage regular and periodic pier inspections for bridges. (Flooding)

Completed

Q28

Encourage regular and periodic pier inspections for bridges. (Flooding)

Respondent skipped this question

Q29

Encourage watershed and wetland planning, as well as natural resource management in conjunction with land-use planning for natural hazard mitigation. (Flooding)

Ongoing

Q30

Encourage watershed and wetland planning, as well as natural resource management in conjunction with land-use planning for natural hazard mitigation. (Flooding)

Cost Effective	**3**
Technically Feasible	**3**
Environmentally Sound	**1**
Immediate Need	**3**
Risk Reduction	**2**

Q31

Establish a Flood Diversion program for roads in Greene County using the Hyper Reach mass notification system. (Flooding)

Ongoing

Q32

Establish a Flood Diversion program for roads in Greene County using the Hyper Reach mass notification system. (Flooding)

Cost Effective	**1**
Technically Feasible	**5**
Environmentally Sound	**5**

Q33 — **Deleted**

Identify at-risk structures in Special Flood Hazard Area. (Flooding)

Q34 — **Respondent skipped this question**

Identify at-risk structures in Special Flood Hazard Area. (Flooding)

Q35 — **Deleted**

Massie Creek US 68 N property acquisition; Kaufman/Washington Mill/Patterson. (Flooding)

Q36 — **Respondent skipped this question**

Massie Creek US 68 N property acquisition; Kaufman/Washington Mill/Patterson. (Flooding)

Q37 — **Ongoing**

Educate the public, businesses and residents, of the importance of creating hazard contingency plans (May be included in materials about natural hazard risk). (Hazardous Materials)

Q38

Educate the public, businesses and residents, of the importance of creating hazard contingency plans (May be included in materials about natural hazard risk). (Hazardous Materials)

Cost Effective	**4**
Technically Feasible	**5**
Immediate Need	**3**
Risk Reduction	**3**

Q39 **Ongoing**

Partner with organizations whose mission is to restore or preserve beneficial natural systems (wetlands, watersheds, etc.). (Invasive Species)

Q40

Partner with organizations whose mission is to restore or preserve beneficial natural systems (wetlands, watersheds, etc.). (Invasive Species)

Cost Effective	**3**
Technically Feasible	**3**
Environmentally Sound	**3**
Immediate Need	**3**

Q41 **Ongoing**

Develop and complete a baseline survey to gather citizens' perceptions of the risks associated with natural disasters and the tools and services available to the public to reduce risk. (Multiple Hazards)

Q42

Develop and complete a baseline survey to gather citizens' perceptions of the risks associated with natural disasters and the tools and services available to the public to reduce risk. (Multiple Hazards)

Cost Effective	**5**
Technically Feasible	**4**

Q43 **Ongoing**

Develop and complete a periodic post- educational campaign surveys to gather citizens' perceptions of the risks associated with natural disasters and the tools and services available to the public to reduce risk (Method to measure the effectiveness of educational campaigns). (Multiple Hazards)

Q44

Develop and complete a periodic post- educational campaign surveys to gather citizens' perceptions of the risks associated with natural disasters and the tools and services available to the public to reduce risk (Method to measure the effectiveness of educational campaigns). (Multiple Hazards)

Cost Effective	**4**
Technically Feasible	**3**

Q45 **Ongoing**

Develop and distribute information about risks associated with the identified natural disasters affecting the County. (Multiple Hazards)

Q46

Develop and distribute information about risks associated with the identified natural disasters affecting the County. (Multiple Hazards)

Cost Effective	**1**
Technically Feasible	**3**

Q47 **Ongoing**

Encourage code enforcement and engineering practitioners to enroll in seminars/classes offered by accredited building training centers that showcase the latest materials and techniques in natural hazard resistant construction. (Multiple Hazards)

Q48

Encourage code enforcement and engineering practitioners to enroll in seminars/classes offered by accredited building training centers that showcase the latest materials and techniques in natural hazard resistant construction. (Multiple Hazards)

Cost Effective	**1**
Technically Feasible	**3**

Q49 **Ongoing**

Encourage jurisdictions to prevent or prohibit new development in areas vulnerable to natural hazards. (Multiple Hazards)

Q50

Encourage jurisdictions to prevent or prohibit new development in areas vulnerable to natural hazards. (Multiple Hazards)

Cost Effective	**1**
Technically Feasible	**4**

Q51 **Respondent skipped this question**

Encourage mitigation measures for existing development in areas vulnerable to natural hazards. (Multiple Hazards)

Q52

Encourage mitigation measures for existing development in areas vulnerable to natural hazards. (Multiple Hazards)

Respondent skipped this question

Q53

Encourage the cooperation of neighbors to include, but not limited to: Contingency plans for the evacuation and care of neighboring families and pets and communication among the neighbors in the event of a natural hazard.; Contingency plans for checking- in on the shut-in and frail elderly neighbors. (Multiple Hazards)

Ongoing

Q54

Encourage the cooperation of neighbors to include, but not limited to: Contingency plans for the evacuation and care of neighboring families and pets and communication among the neighbors in the event of a natural hazard.; Contingency plans for checking- in on the shut-in and frail elderly neighbors. (Multiple Hazards)

Respondent skipped this question

Q55

Two maps should be generated as established in the Miami Valley Emergency Operations Plan, 1993, Annex L, Damage Assessment, PG L-5. One map should graphically display Public damage where the worst damage is located and where minimal damage is located. The second should address the same for Private damages. (Multiple Hazards)

Respondent skipped this question

Q56

Two maps should be generated as established in the Miami Valley Emergency Operations Plan, 1993, Annex L, Damage Assessment, PG L-5. One map should graphically display Public damage where the worst damage is located and where minimal damage is located. The second should address the same for Private damages. (Multiple Hazards)

Respondent skipped this question

Page 3: Mitigation Actions: Greene County (Page 2 of 2)

Q57

Develop and distribute information/education on weather-related-preparedness tools and resources, i.e. sources to purchase such material, etc. (Severe Summer Weather)

Respondent skipped this question

Q58

Develop and distribute information/education on weather-related-preparedness tools and resources, i.e. sources to purchase such material, etc. (Severe Summer Weather)

Respondent skipped this question

Q59

Develop and launch awareness/educational campaigns to increase knowledge of weather alert methods (alert radios, e-mail, cell phones, etc.). (Severe Summer Weather)

Ongoing

Q60

Develop and launch awareness/educational campaigns to increase knowledge of weather alert methods (alert radios, e-mail, cell phones, etc.). (Severe Summer Weather)

Respondent skipped this question

Q61

Educate the public on the importance of properly trimming and maintaining the trees on their property (may be included in materials about natural hazard risk). (Severe Summer Weather)

Ongoing

Q62

Educate the public on the importance of properly trimming and maintaining the trees on their property (may be included in materials about natural hazard risk). (Severe Summer Weather)

Respondent skipped this question

Q63

Encourage the use of vinyl siding to reduce dent damage due to hail incidents. (Severe Summer Weather)

Deleted

Q64

Encourage the use of vinyl siding to reduce dent damage due to hail incidents. (Severe Summer Weather)

Respondent skipped this question

Q65

Encourage utility companies to hire tree trimming contractors who are capable of a more citizen friendly trimming service (Severe Summer Weather)

Ongoing

Q66

Encourage utility companies to hire tree trimming contractors who are capable of a more citizen friendly trimming service (Severe Summer Weather)

Respondent skipped this question

Q67

Furnish and install a 25KW Emergency Standby Generator with Automatic Transfer Switch at Gerspacher Water Tower. This generator is needed to maintain communications. (Severe Summer Weather)

Ongoing

Q68

Furnish and install a 25KW Emergency Standby Generator with Automatic Transfer Switch at Gerspacher Water Tower. This generator is needed to maintain communications. (Severe Summer Weather)

Respondent skipped this question

Q69

Furnish and install a 25KW Emergency Standby Generator with Automatic Transfer Switch at Indian Ripple Water Tower. This generator is needed to maintain communications. (Severe Summer Weather)

Ongoing

Q70

Furnish and install a 25KW Emergency Standby Generator with Automatic Transfer Switch at Indian Ripple Water Tower. This generator is needed to maintain communications. (Severe Summer Weather)

Respondent skipped this question

Q71

Furnish and install a 40KW Emergency Standby Generator with Automatic Transfer Switch at the Valley Well Field for wells 11 and 12. This generator is needed to maintain continuous service to the potable water system. (Severe Summer Weather)

Ongoing

Q72

Furnish and install a 40KW Emergency Standby Generator with Automatic Transfer Switch at the Valley Well Field for wells 11 and 12. This generator is needed to maintain continuous service to the potable water system. (Severe Summer Weather)

Respondent skipped this question

Q73

Furnish and install an emergency generator with automatic transfer switch at the Environmental Services facility. The facility is the receiving facility for storm debris and 24/7 operation could be needed. (Severe Summer Weather)

Ongoing

Q74

Furnish and install an emergency generator with automatic transfer switch at the Environmental Services facility. The facility is the receiving facility for storm debris and 24/7 operation could be needed. (Severe Summer Weather)

Respondent skipped this question

Q75

Supply equipment to manage storm debris. (Severe Summer Weather)

Ongoing

Q76

Supply equipment to manage storm debris. (Severe Summer Weather)

Respondent skipped this question

Q77

Supply two portable generators with emergency connections to be used at sanitary lift stations and potable water pump stations during power outages. (Severe Summer Weather)

Ongoing

Q78

Supply two portable generators with emergency connections to be used at sanitary lift stations and potable water pump stations during power outages. (Severe Summer Weather)

Respondent skipped this question

Q79

Establish and encourage the use of weather warning radios in all public spaces, businesses, and residences. (Severe Winter Weather)

Deleted

Q80

Establish and encourage the use of weather warning radios in all public spaces, businesses, and residences. (Severe Winter Weather)

Respondent skipped this question

Q81 Generator upgrade for jail. (Severe Winter Weather)	**Deleted**
Q82 Generator upgrade for jail. (Severe Winter Weather)	**Respondent skipped this question**
Q83 High impact window coverings for jail. (Terrorism)	**Deleted**
Q84 High impact window coverings for jail. (Terrorism)	**Respondent skipped this question**
Q85 Upgrade windows to high impact windows on schools. (Terrorism)	**Ongoing**
Q86 Upgrade windows to high impact windows on schools. (Terrorism)	**Respondent skipped this question**
Q87 Appeal to the State to enhance or create wind/impact resistant Ohio Basic Building Code(s). (Tornado)	**Deleted**
Q88 Appeal to the State to enhance or create wind/impact resistant Ohio Basic Building Code(s). (Tornado)	**Respondent skipped this question**
Q89 Construct tornado safe rooms in public areas and neighborhoods without basements. (Tornado)	**Ongoing**
Q90 Construct tornado safe rooms in public areas and neighborhoods without basements. (Tornado)	**Respondent skipped this question**

Q91

Encourage the use of wind and impact resistant building components designed to withstand tornado strength winds. (Tornado)

Ongoing

Q92

Encourage the use of wind and impact resistant building components designed to withstand tornado strength winds. (Tornado)

Respondent skipped this question

Q93

Install a tornado warning system on the north end of town near the university campus. (Tornado)

Deleted

Q94

Install a tornado warning system on the north end of town near the university campus. (Tornado)

Comment:: Cell phones alert people, sirens are old school

Q95

Request legislation requiring tornado safe rooms in new mobile home communities and new residential communities without basements. (Tornado)

Deleted

Q96

Request legislation requiring tornado safe rooms in new mobile home communities and new residential communities without basements. (Tornado)

Respondent skipped this question

Q97

Seek $2.1 million in funding to install a county-wide tornado warning system complete with battery backup in communities with inadequate coverage, or no tornado siren systems. (Tornado)

Deleted

Q98

Seek $2.1 million in funding to install a county-wide tornado warning system complete with battery backup in communities with inadequate coverage, or no tornado siren systems. (Tornado)

Comment:: Cell phones do this by polygon

Q99

Supply of a portable 6-inch bypass pump that will be used to bypass pump the sanitary sewer in the event of a catastrophic failure of the system. The proximity of local streams, creeks, and rivers make this equipment a higher priority to prevent pollution of the environment. (Tornado)

Ongoing

Q100

Supply of a portable 6-inch bypass pump that will be used to bypass pump the sanitary sewer in the event of a catastrophic failure of the system. The proximity of local streams, creeks, and rivers make this equipment a higher priority to prevent pollution of the environment. (Tornado)

Respondent skipped this question

Q101

Supply of an emergency response trailer including chainsaws, traffic safety signage, and proper PPE. (Tornado)

Ongoing

Q102

Supply of an emergency response trailer including chainsaws, traffic safety signage, and proper PPE. (Tornado)

Respondent skipped this question

Q103

Test the effectiveness of tornado sirens. (Tornado)

Deleted

Q104

Test the effectiveness of tornado sirens. (Tornado)

Respondent skipped this question

Q105

Tornado safe rooms for Kitridge Road, Spangler Road and Spring Valley and State Route 725 Trailer Parks. (Tornado)

Respondent skipped this question

Q106

Tornado safe rooms for Kitridge Road, Spangler Road and Spring Valley and State Route 725 Trailer Parks. (Tornado)

Respondent skipped this question

Q107

Launch educational campaigns through public/government cable channels and newsletters, websites, street festivals, libraries, school functions, etc. (Water Quality)

Ongoing

Q108

Launch educational campaigns through public/government cable channels and newsletters, websites, street festivals, libraries, school functions, etc. (Water Quality)

Respondent skipped this question

Q109

Develop and distribute information about risks associated with wildfires. (Wildfire)

Deleted

Q110

Develop and distribute information about risks associated with wildfires. (Wildfire)

Respondent skipped this question

#8

COMPLETE

Collector:	Web Link 1 (Web Link)
Started:	Tuesday, March 11, 2025 1:25:05 PM
Last Modified:	Tuesday, March 11, 2025 1:27:40 PM
Time Spent:	00:02:35
IP Address:	174.193.117.15

Page 1: Survey Instructions

Q1

Name and Organization

Name	**Brandon Huddleson**
Organization/Agency	**Greene County**
Title/Position	**County Administrator**
Email Address	**brandon.huddleson@greenecountyohio.gov**

Q2

Greene County

For which community are you responding?

Page 2: Goals Survey

Q3

Please determine which of the previous goals, if any, should be included in the next plan.

	(no label)
Increase public awareness.	**Include**
Protect life and property.	**Include**
Create and/or strengthen partnerships.	**Include**
Create a safer environment through construction or installation projects of natural hazard safety systems.	**Include**
Reduce losses that result from the failure of High Hazard Potential Dams.	

Q4

New Goals: Please provide any goals or objectives you would like included in the Plan.

New Goal 1	**Emergency interconnects between water systems**

Q5

Respondent skipped this question

Please provide any additional comments related to these goals in the space below.

Page 3: Survey Complete!

Q6

Respondent skipped this question

General Comments

#5

COMPLETE

Collector: Web Link 1 (Web Link)
Started: Tuesday, April 15, 2025 2:10:58 PM
Last Modified: Tuesday, April 15, 2025 2:14:10 PM
Time Spent: 00:03:12
IP Address: 96.11.195.132

Page 1: Survey Description

Q1

Contact Information

Name	**Brad Balonier**
Organization/Agency	**Greene County Sheriff's Office**
Title/Position	**Major**
Email Address	**bradley.balonier@greenecountyohio.gov**

Q2 **No**

Did you complete the Previous Mitigation Action Survey?

Page 2: Jurisdiction

Q3 **Respondent skipped this question**

Which jurisdiction do you represent?

Page 3: Jurisdiction

Q4 **Greene County**

Which jurisdiction do you represent?

Page 4: Mitigation Actions: Greene County (Page 1 of 2)

Q5 **Respondent skipped this question**

Concrete, structural repairs, and other improvements at Huffman Dam. (Dam/Levee Failure)

Q6

Construct or repair storm drainage systems and/or levees. (Dam/Levee Failure)

Respondent skipped this question

Q7

Develop a dam failure evacuation plan for Huffman Dam. (Dam/Levee Failure)

Respondent skipped this question

Q8

Structural stability analysis of Huffman Dam to assess any risks and develop a rehabilitation strategy, if necessary. (Dam/Levee Failure)

Respondent skipped this question

Q9

Update dam maintenance programs and services. (Dam/Levee Failure)

Respondent skipped this question

Q10

Develop and distribute information about risks associated with drought. (Drought)

Respondent skipped this question

Q11

Require compliance and enforcement of existing building codes. (Earthquakes)

Respondent skipped this question

Q12

Establish clearly identified places of refuge within public facilities and spaces, neighborhoods, and businesses. (Extreme Temperatures)

Respondent skipped this question

Q13

Establish program(s) providing air conditioning to at-risk populations. (Extreme Temperatures)

Respondent skipped this question

Q14

Provide water and shade at all public outdoor events during extreme heat. (Extreme Temperatures)

Respondent skipped this question

Q15

Develop a set of planned alternative routes and gate frequently flooded areas and inform the citizens. (Flooding)

Respondent skipped this question

Q16

Develop and distribute an informational brochure on the types of homeowner's hazard insurance, i.e. flood, fire, earthquake, etc. (Flooding)

Respondent skipped this question

Q17

Encourage regular and periodic pier inspections for bridges. (Flooding)

Respondent skipped this question

Q18

Encourage watershed and wetland planning, as well as natural resource management in conjunction with land-use planning for natural hazard mitigation. (Flooding)

Respondent skipped this question

Q19

Establish a Flood Diversion program for roads in Greene County using the Hyper Reach mass notification system. (Flooding)

Respondent skipped this question

Q20

Identify at-risk structures in Special Flood Hazard Area. (Flooding)

Respondent skipped this question

Q21

Massie Creek US 68 N property acquisition; Kaufman/Washington Mill/Patterson. (Flooding)

Respondent skipped this question

Q22

Educate the public, businesses and residents, of the importance of creating hazard contingency plans (May be included in materials about natural hazard risk). (Hazardous Materials)

Respondent skipped this question

Q23

Partner with organizations whose mission is to restore or preserve beneficial natural systems (wetlands, watersheds, etc.). (Invasive Species)

Respondent skipped this question

Q24

Develop and complete a baseline survey to gather citizens' perceptions of the risks associated with natural disasters and the tools and services available to the public to reduce risk. (Multiple Hazards)

Respondent skipped this question

Q25

Develop and complete a periodic post- educational campaign surveys to gather citizens' perceptions of the risks associated with natural disasters and the tools and services available to the public to reduce risk (Method to measure the effectiveness of educational campaigns). (Multiple Hazards)

Respondent skipped this question

Q26

Develop and distribute information about risks associated with the identified natural disasters affecting the County. (Multiple Hazards)

Respondent skipped this question

Q27

Encourage code enforcement and engineering practitioners to enroll in seminars/classes offered by accredited building training centers that showcase the latest materials and techniques in natural hazard resistant construction. (Multiple Hazards)

Respondent skipped this question

Q28

Encourage jurisdictions to prevent or prohibit new development in areas vulnerable to natural hazards. (Multiple Hazards)

Respondent skipped this question

Q29

Encourage mitigation measures for existing development in areas vulnerable to natural hazards. (Multiple Hazards)

Respondent skipped this question

Q30

Encourage the cooperation of neighbors to include, but not limited to: Contingency plans for the evacuation and care of neighboring families and pets and communication among the neighbors in the event of a natural hazard.; Contingency plans for checking- in on the shut-in and frail elderly neighbors. (Multiple Hazards)

Respondent skipped this question

Q31

Two maps should be generated as established in the Miami Valley Emergency Operations Plan, 1993, Annex L, Damage Assessment, PG L-5. One map should graphically display Public damage where the worst damage is located and where minimal damage is located. The second should address the same for Private damages. (Multiple Hazards)

Respondent skipped this question

Page 5: Mitigation Actions: Greene County (Page 2 of 2)

Q32

Develop and distribute information/education on weather-related-preparedness tools and resources, i.e. sources to purchase such material, etc. (Severe Summer Weather)

Respondent skipped this question

Q33

Develop and launch awareness/educational campaigns to increase knowledge of weather alert methods (alert radios, e-mail, cell phones, etc.). (Severe Summer Weather)

Respondent skipped this question

Q34

Educate the public on the importance of properly trimming and maintaining the trees on their property (may be included in materials about natural hazard risk). (Severe Summer Weather)

Respondent skipped this question

Q35

Encourage the use of vinyl siding to reduce dent damage due to hail incidents. (Severe Summer Weather)

Respondent skipped this question

Q36

Encourage utility companies to hire tree trimming contractors who are capable of a more citizen friendly trimming service (Severe Summer Weather)

Respondent skipped this question

Q37

Furnish and install a 25KW Emergency Standby Generator with Automatic Transfer Switch at Gerspacher Water Tower. This generator is needed to maintain communications. (Severe Summer Weather)

Respondent skipped this question

Q38

Furnish and install a 25KW Emergency Standby Generator with Automatic Transfer Switch at Indian Ripple Water Tower. This generator is needed to maintain communications. (Severe Summer Weather)

Respondent skipped this question

Q39

Furnish and install a 40KW Emergency Standby Generator with Automatic Transfer Switch at the Valley Well Field for wells 11 and 12. This generator is needed to maintain continuous service to the potable water system. (Severe Summer Weather)

Respondent skipped this question

Q40

Furnish and install an emergency generator with automatic transfer switch at the Environmental Services facility. The facility is the receiving facility for storm debris and 24/7 operation could be needed. (Severe Summer Weather)

Respondent skipped this question

Q41

Supply equipment to manage storm debris. (Severe Summer Weather)

Respondent skipped this question

Q42

Supply two portable generators with emergency connections to be used at sanitary lift stations and potable water pump stations during power outages. (Severe Summer Weather)

Respondent skipped this question

Q43

Establish and encourage the use of weather warning radios in all public spaces, businesses, and residences. (Severe Winter Weather)

Respondent skipped this question

Q44

Upgrade windows to high impact windows on schools. (Terrorism)

Respondent skipped this question

Q45

Appeal to the State to enhance or create wind/impact resistant Ohio Basic Building Code(s). (Tornado)

Respondent skipped this question

Q46

Construct tornado safe rooms in public areas and neighborhoods without basements. (Tornado)

Respondent skipped this question

Q47

Encourage the use of wind and impact resistant building components designed to withstand tornado strength winds. (Tornado)

Respondent skipped this question

Q48

Install a tornado warning system on the north end of town near the university campus. (Tornado)

Respondent skipped this question

Q49

Request legislation requiring tornado safe rooms in new mobile home communities and new residential communities without basements. (Tornado)

Respondent skipped this question

Q50

Seek $2.1 million in funding to install a county-wide tornado warning system complete with battery backup in communities with inadequate coverage, or no tornado siren systems. (Tornado)

Respondent skipped this question

Q51

Supply of a portable 6-inch bypass pump that will be used to bypass pump the sanitary sewer in the event of a catastrophic failure of the system. The proximity of local streams, creeks, and rivers make this equipment a higher priority to prevent pollution of the environment. (Tornado)

Respondent skipped this question

Q52

Supply of an emergency response trailer including chainsaws, traffic safety signage, and proper PPE. (Tornado)

Respondent skipped this question

Q53

Test the effectiveness of tornado sirens. (Tornado)

Respondent skipped this question

Q54

Tornado safe rooms for Kitridge Road, Spangler Road and Spring Valley and State Route 725 Trailer Parks. (Tornado)

Respondent skipped this question

Q55

Launch educational campaigns through public/government cable channels and newsletters, websites, street festivals, libraries, school functions, etc. (Water Quality)

Respondent skipped this question

Q56

Develop and distribute information about risks associated with wildfires. (Wildfire)

Respondent skipped this question

Page 16: Required Actions: All Jurisdictions

Q232

Required New Action: Work with all jurisdictions on filling in gaps and strengthening capabilities in enacting mitigation strategies.

Respondent skipped this question

Q233

Required New Action: Ensure all eligible jurisdictions are participating in the NFIP.

Respondent skipped this question

Q234

Required New Action: Ensure all high-hazard potential dams have updated Emergency Action Plans (EAPs) in place.

Respondent skipped this question

Q235

Required New Action: Obtain or create inundation maps for all dams.

Respondent skipped this question

Page 17: New Actions

Q236

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q237

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Respondent skipped this question

Q238

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Q250

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Q254

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Respondent skipped this question

#7

COMPLETE

Collector:	Web Link 1 (Web Link)
Started:	Wednesday, April 16, 2025 1:25:52 PM
Last Modified:	Wednesday, April 16, 2025 1:33:46 PM
Time Spent:	00:07:54
IP Address:	174.200.112.3

Page 1: Survey Description

Q1

Contact Information

Name	**Beth Rubin**
Organization/Agency	**Greene CDJFS**
Title/Position	**Director**
Email Address	**beth.rubin@jfs.ohio.gov**

Q2 **Yes**

Did you complete the Previous Mitigation Action Survey?

Page 2: Jurisdiction

Q3 **Greene County**

Which jurisdiction do you represent?

Page 3: Jurisdiction

Q4 **Respondent skipped this question**

Which jurisdiction do you represent?

Page 16: Required Actions: All Jurisdictions

Q232 **Respondent skipped this question**

Required New Action: Work with all jurisdictions on filling in gaps and strengthening capabilities in enacting mitigation strategies.

Q233

Required New Action: Ensure all eligible jurisdictions are participating in the NFIP.

Respondent skipped this question

Q234

Required New Action: Ensure all high-hazard potential dams have updated Emergency Action Plans (EAPs) in place.

Respondent skipped this question

Q235

Required New Action: Obtain or create inundation maps for all dams.

Respondent skipped this question

Page 17: New Actions

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Respondent skipped this question

Q254

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Respondent skipped this question

DIRECTOR

NAME: THOMAS BRIEN	POSITION: ~~CLINTON CO.~~	JURISDICTION: CLINTON CO.

Hazard Priorities Survey

Instructions:

1. Consider each hazard below.
2. Rate each hazard on a scale of 0 to 5 based on how important each hazard is to your community.
3. If a hazard should not be studied, give it a zero (0).
4. Provide any comments you would like to share regarding your selected ratings.

2020 Hazards	Priority Ratings (Circle One Score)					
	Do not Include	Lowest Priority	Low-Medium Priority	Medium Priority	Medium-High Priority	Highest Priority
1. Dam/Levee Failure	0	1	(2)	3	4	5
2. Drought	0	1	(2)	3	4	5
3. Earthquakes	0	1	(2)	3	4	5
4. Extreme Temperatures	0	1	2	3	(4)	5
5. Flooding	0	1	2	(3)	4	5
6. Hazardous Materials	0	1	2	3	(4)	5
7. Invasive Species	0	1	2	(3)	4	5
8. Landslides, Land Subsidence, and Erosion	0	1	(2)	3	4	5
9. Public Health Emergency (Epidemic)	0	1	(2)	3	4	5
10. Severe Summer Weather	0	1	2	3	4	(5)
11. Severe Winter Weather	0	1	2	3	4	(5)
12. Terrorism	0	1	(2)	3	4	5
13. Tornadoes	0	1	2	3	4	(5)
14. Water Quality	0	1	(2)	3	4	5
15. Wildfire	0	1	2	(3)	4	5

MITIGATION ACTION SCORING MATRIX

Instructions use ongoing to carryover to 2025 plan

To complete this matrix, please write in each mitigation action applicable to your jurisdiction. Please score it from 1-5 for each category described below. For each category, a rating of 1 is the lowest score, a rating of 3 is neutral/unsure, and a rating of 5 is the highest score.

1. **Cost Effective – Rank 1 – 5** – the cost effectiveness of each proposed mitigation action, with 5 being the most cost effective and 1 being the least cost effective.
2. **Technically Feasible – Rank 1 – 5** – the feasibility of each proposed mitigation action, with 5 being the most feasible and 1 being the least feasible.
3. **Environmentally Sound – Rank 1 – 5** – the proposed mitigation action in terms of how environmentally sound it seems, with 5 being the most sound and 1 being the least sound.
4. **Immediate Need – Rank 1 – 5** – whether each proposed mitigation action is needed immediately, with 5 being the most immediate need and 1 being not an immediate need.
5 - NOW 3 - 2-5 years 1 - 6-10 year
5. **Risk Reduction – Rank 1 – 5** – the proposed mitigation action on the extent to which it will reduce the total risk of the associated hazard, with 5 being the greatest contribution to risk reduction and 1 being the least contribution to risk reduction.

We encourage you to consider regularly occurring problems for each hazard listed below and suggest mitigation actions for these problems. You may also list regularly occurring problems within your community without suggesting a mitigation action.

Every jurisdiction (County, City, and Village) must have one mitigation action for each hazard they scored on their hazard priority. The following pages include four new FEMA-required actions for you to score. If an action is applicable, please score the action. If it is not applicable to your jurisdiction (i.e. your jurisdiction doesn't have any dams) please skip (don't score) the action.

Following the required new actions, you will have the space to draft new mitigation actions that are applicable to your jurisdiction and score them. Please list the applicable hazard for each new drafted action. Any new actions must correspond with the county's hazard priorities as follows: Severe Winter Weather, Tornadoes, Flooding, Severe Summer Weather, Drought and Extreme Heat, Invasive Species, Earthquakes, Dam/Levee Failure, Wildfire, and Landslides/Land Subsidence.

Detailed problem situation - ID problem area Mitigation Statement

Name:	Title and Organization:	Jurisdiction:
Al Kuzma	Director Bldg. Reg. Greene Co	Greene County

Mitigation Action (Strategy)	Risk	Ranking					
Required: Work with all jurisdictions on filling in gaps and strengthening capabilities in enacting mitigation strategies.		Cost Effective	1	2	3	4	(5)
		Technically Feasible	1	2	3	4	(5)
		Environmentally Sound	1	2	3	(4)	5
		Immediate Need	1	2	3	(4)	5
		Risk Reduction	1	2	3	4	(5)
Required: Ensure all eligible jurisdictions are participating in the NFIP.		Cost Effective	1	2	3	4	(5)
		Technically Feasible	1	2	3	4	(5)
		Environmentally Sound	1	2	3	4	(5)
		Immediate Need	1	2	3	4	(5)
		Risk Reduction	1	2	3	4	(5)
Required: Ensure all high-hazard potential dams have updated Emergency Action Plans (EAPs) in place.		Cost Effective	1	2	3	(4)	5
		Technically Feasible	1	2	(3)	4	5
		Environmentally Sound	1	2	3	(4)	5
		Immediate Need	1	2	(3)	4	5
		Risk Reduction	1	2	3	4	(5)

Name:	Title and Organization:	Jurisdiction:
A/Kuzma	Director Building Regulation	Greene County

Mitigation Action (Strategy)	Risk	Ranking					
Required: Obtain or create inundation maps for all dams.		Cost Effective	1	2	(3)	4	5
		Technically Feasible	1	2	(3)	4	5
		Environmentally Sound	1	2	(3)	4	5
		Immediate Need	1	2	(3)	4	5
		Risk Reduction	1	2	3	4	(5)
Adopt compensatory Storage for development in the Floodplain		Cost Effective	1	2	3	4	(5)
		Technically Feasible	1	2	3	(4)	5
		Environmentally Sound	1	2	(3)	4	5
		Immediate Need	1	2	3	(4)	5
		Risk Reduction	1	2	3	4	(5)
Provide Drone Footage of Tornado Damaged areas as soon as possible after the event. Allows for planning of Damage assessment		Cost Effective	1	2	3	4	(5)
		Technically Feasible	1	2	3	4	(5)
		Environmentally Sound	1	2	3	(4)	5
		Immediate Need	1	2	3	4	(5)
		Risk Reduction	1	2	3	(4)	5

Name:	Title and Organization:	Jurisdiction:
AL Kuzma	Director Building Regulation	Greene County

Mitigation Action (Strategy)	Risk	Ranking					
Restrict the storage of materials both hazardous & non-hazardous in the Flood plain		Cost Effective	1	2	(3)	4	5
		Technically Feasible	1	2	3	(4)	5
		Environmentally Sound	1	2	3	4	(5)
		Immediate Need	1	2	3	(4)	5
		Risk Reduction	1	2	3	4	(5)
Adopt Floodplain buffer areas to restrict development beyond the floodplain especially with the Little Miami Scenic River		Cost Effective	1	2	3	4	(5)
		Technically Feasible	1	2	3	4	(5)
		Environmentally Sound	1	2	3	4	(5)
		Immediate Need	1	2	3	(4)	5
		Risk Reduction	1	2	3	(4)	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

NAME: AL Kuzma	POSITION: Director Bldg Reg

GOALS SURVEY

It is important to revisit the goals and objectives of Greene County's 2020 Hazard Mitigation Plan to help guide the current update to the plan.

Previous Goals
Please determine which of the previous goals, if any, should be included in the next plan.

- ☒ Increase public awareness.
- ☒ Protect life and property.
- ☒ Create and/or strengthen partnerships.
- ☒ Create a safer environment through construction or installation projects of natural hazard safety systems.
- ☒ Reduce losses that result from the failure of High Hazard Potential Dams.

New Goals
Please draft new goals for the plan on the lines below.

- ☒ Provide Capability for timely Access to Drone Videos during & after an event
- ☒ Provide funding/Partnerships for Annual Assessment of River + stream debris/log jams
- ☐ _____
- ☐ _____
- ☐ _____
- ☐ _____
- ☐ _____

Please provide any additional comments on the goals in the space provided below.

NAME:	POSITION:	JURISDICTION:

Hazard Priorities Survey

Instructions:

1. Consider each hazard below.
2. Rate each hazard on a scale of 0 to 5 based on how important each hazard is to your community.
3. If a hazard should not be studied, give it a zero (0).
4. Provide any comments you would like to share regarding your selected ratings.

2020 Hazards	Priority Ratings (Circle One Score)					
	Do not Include	Lowest Priority	Low-Medium Priority	Medium Priority	Medium-High Priority	Highest Priority
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2. Drought	0	1	(2)	3	4	5
3. Earthquakes	0	1	2	3	(4)	5
4. Extreme Temperatures	0	1	(2)	3	4	5
5. Flooding	0	1	2	3	4	(5)
6. Hazardous Materials	0	1	2	3	(4)	5
7. Invasive Species	0	(1)	2	3	4	5
8. Landslides, Land Subsidence, and Erosion	0	(1)	2	3	4	5
9. Public Health Emergency (Epidemic)	0	1	2	3	4	(5)
10. Severe Summer Weather	0	1	2	(3)	4	5
11. Severe Winter Weather	0	1	2	3	(4)	5
12. Terrorism	0	1	(2)	3	4	5
13. Tornadoes	0	1	2	3	4	(5)
14. Water Quality	0	1	2	(3)	4	5
15. Wildfire	0	1	(2)	3	4	5

Additional Comments
• *Are there any hazards not listed that you would like to see included in the 2025 plan?* • *Any other additional comments.*

Name:	Title and Organization:

Miami Conservancy District

Mitigation Action (Strategy)	Risk	Status	Ranking					
Concrete, structural repairs, and other improvements at Huffman Dam.	Dam/Levee Failure	☐Completed ☐Deleted ☒Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Develop a dam failure evacuation plan for Huffman Dam.	Dam/Levee Failure	☐Completed ☐Deleted ☒Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Structural stability analysis of Huffman Dam to assess any risks and develop a rehabilitation strategy, if necessary.	Dam/Levee Failure	☐Completed ☐Deleted ☒Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

City of Bellbrook

Mitigation Action (Strategy)	Risk	Status	Ranking					
Construct or repair storm drainage systems and/or levees.	Dam/Levee Failure	☐Completed ☐Deleted ☑Ongoing	Cost Effective	1	2	3	4	(5)
			Technically Feasible	1	2	3	4	(5)
			Environmentally Sound	1	2	3	4	(5)
			Immediate Need	1	2	3	4	(5)
			Risk Reduction	1	2	3	4	(5)
Seek funding for, prioritize and remove and/or relocate at-risk structures or construction of improved or new storm drainage systems or levees to protect at- risk structures.	Dam/Levee Failure	☐Completed ☐Deleted ☒Ongoing	Cost Effective	1	2	3	(4)	5
			Technically Feasible	1	2	3	(4)	5
			Environmentally Sound	1	2	3	(4)	5
			Immediate Need	1	2	3	(4)	5
			Risk Reduction	1	2	3	(4)	5
Establish a Flood Diversion program for roads in Greene County using the Hyper Reach mass notification system.	Flooding	☐Completed ☐Deleted ☑Ongoing	Cost Effective	1	2	3	(4)	5
			Technically Feasible	1	2	3	(4)	5
			Environmentally Sound	1	2	3	(4)	5
			Immediate Need	1	2	3	(4)	5
			Risk Reduction	1	2	3	(4)	5

Name:	Title and Organization:

City of Bellbrook

Mitigation Action (Strategy)	Risk	Status	Ranking					
Identify at-risk structures in Special Flood Hazard Area.	Flooding	☐Completed ☐Deleted ☑Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Develop and complete a periodic post-educational campaign surveys to gather citizens' perceptions of the risks associated with natural disasters and the tools and services available to the public to reduce risk (Method to measure the effectiveness of educational campaigns).	Multiple Hazards	☐Completed ☐Deleted ☑Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Upgrade windows to high impact windows on schools.	Terrorism	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

City of Bellbrook

Mitigation Action (Strategy)	Risk	Status	Ranking					
Seek $2.1 million in funding to install a county-wide tornado warning system complete with battery backup in communities with inadequate coverage, or no tornado siren systems.	Tornado	☐Completed ☐Deleted ☑Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

City of Beavercreek

Mitigation Action (Strategy)	Risk	Status	Ranking					
Seek funding for, prioritize and remove and/or relocate at-risk structures or construction of improved or new storm drainage systems or levees to protect at- risk structures.	Dam/Levee Failure	☐Completed ☐Deleted ☑Ongoing	Cost Effective	1	2	3	(4)	5
			Technically Feasible	1	2	3	(4)	5
			Environmentally Sound	1	2	3	(4)	5
			Immediate Need	1	2	3	(4)	5
			Risk Reduction	1	2	3	(4)	5
Establish a Flood Diversion program for roads in Greene County using the Hyper Reach mass notification system.	Flooding	☐Completed ☐Deleted ☑Ongoing	Cost Effective	1	2	3	(4)	5
			Technically Feasible	1	2	3	(4)	5
			Environmentally Sound	1	2	3	(4)	5
			Immediate Need	1	2	3	(4)	5
			Risk Reduction	1	2	3	(4)	5
Identify at-risk structures in Special Flood Hazard Area.	Flooding	☐Completed ☐Deleted ☑Ongoing	Cost Effective	1	2	3	(4)	5
			Technically Feasible	1	2	3	(4)	5
			Environmentally Sound	1	2	3	(4)	5
			Immediate Need	1	2	3	(4)	5
			Risk Reduction	1	2	3	(4)	5

Name:	Title and Organization:

City of Beavercreek

Mitigation Action (Strategy)	Risk	Status	Ranking					
Seek funding for the acquisition, elevation, or retrofit of structures with repetitive loss flood insurance claims through voluntary (owner) mitigation actions.	Flooding	☐Completed ☐Deleted ☒Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Develop and complete a periodic post-educational campaign surveys to gather citizens' perceptions of the risks associated with natural disasters and the tools and services available to the public to reduce risk (Method to measure the effectiveness of educational campaigns).	Multiple Hazards	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Upgrade windows to high impact windows on schools.	Terrorism	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

City of Beavercreek

Mitigation Action (Strategy)	Risk	Status	Ranking					
Seek $2.1 million in funding to install a county-wide tornado warning system complete with battery backup in communities with inadequate coverage, or no tornado siren systems.	Tornado	☐Completed ☐Deleted ☑Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

Village of Jamestown

Mitigation Action (Strategy)	Risk	Status	Ranking					
Seek funding for new storm drainage systems or levees to protect at-risk structures.	Dam/Levee Failure	☐Completed ☐Deleted ☑Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Seek funding for, prioritize and remove and/or relocate at-risk structures or construction of improved or new storm drainage systems or levees to protect at- risk structures.	Dam/Levee Failure	☐Completed ☐Deleted ☑Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Establish a Flood Diversion program for roads in Greene County using the Hyper Reach mass notification system.	Flooding	☐Completed ☐Deleted ☑Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

Village of Jamestown

Mitigation Action (Strategy)	Risk	Status	Ranking					
Identify at-risk structures in Special Flood Hazard Area.	Flooding	☐Completed ☐Deleted ☑Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Develop and complete a periodic post-educational campaign surveys to gather citizens' perceptions of the risks associated with natural disasters and the tools and services available to the public to reduce risk (Method to measure the effectiveness of educational campaigns).	Multiple Hazards	☐Completed ☐Deleted ☑Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Upgrade windows to high impact windows on schools.	Terrorism	☐Completed ☐Deleted ☑Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

Village of Jamestown

Mitigation Action (Strategy)	Risk	Status	Ranking					
In the event a county-wide warning siren system cannot be achieved, the following jurisdictions have requested funding to replace existing equipment or install new equipment: Jamestown.	Tornado	☐Completed ☐Deleted ☑Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Seek $2.1 million in funding to install a county-wide tornado warning system complete with battery backup in communities with inadequate coverage, or no tornado siren systems.	Tornado	☐Completed ☐Deleted ☑Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

Village of Spring Valley

Mitigation Action (Strategy)	Risk	Status	Ranking					
Seek funding for, prioritize and remove and/or relocate at-risk structures or construction of improved or new storm drainage systems or levees to protect at- risk structures.	Dam/Levee Failure	☐Completed ☐Deleted ☑Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Establish a Flood Diversion program for roads in Greene County using the Hyper Reach mass notification system.	Flooding	☐Completed ☐Deleted ☑Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Purchase a second pump for the stormwater system.	Flooding	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

Village of Spring Valley

Mitigation Action (Strategy)	Risk	Status	Ranking					
Develop and complete a periodic post-educational campaign surveys to gather citizens' perceptions of the risks associated with natural disasters and the tools and services available to the public to reduce risk (Method to measure the effectiveness of educational campaigns).	Multiple Hazards	☐Completed ☐Deleted ☑Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Purchase a generator.	Severe Summer Weather	☐Completed ☐Deleted ☑Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Seek $2.1 million in funding to install a county-wide tornado warning system complete with battery backup in communities with inadequate coverage, or no tornado siren systems.	Tornado	☐Completed ☐Deleted ☑Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

Greene County

Mitigation Action (Strategy)	Risk	Status	Ranking					
Concrete, structural repairs, and other improvements at Huffman Dam.	Dam/Levee Failure	☐Completed ☐Deleted ☒Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Construct or repair storm drainage systems and/or levees.	Dam/Levee Failure	☐Completed ☐Deleted ☑Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Develop a dam failure evacuation plan for Huffman Dam.	Dam/Levee Failure	☐Completed ☐Deleted ☑Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

Greene County

Mitigation Action (Strategy)	Risk	Status	Ranking					
Structural stability analysis of Huffman Dam to assess any risks and develop a rehabilitation strategy, if necessary.	Dam/Levee Failure	☐Completed ☐Deleted ☑Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Update dam maintenance programs and services.	Dam/Levee Failure	☐Completed ☐Deleted ☑Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Develop and distribute information about risks associated with drought.	Drought	☐Completed ☐Deleted ☑Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

Greene County

Mitigation Action (Strategy)	Risk	Status	Ranking					
Require compliance and enforcement of existing building codes.	Earthquakes	☐Completed ☐Deleted ☑Ongoing	Cost Effective	1	2	3	4	(5)
			Technically Feasible	1	2	3	4	(5)
			Environmentally Sound	1	2	3	4	(5)
			Immediate Need	1	2	3	4	(5)
			Risk Reduction	1	2	3	4	(5)
Establish clearly identified places of refuge within public facilities and spaces, neighborhoods, and businesses.	Extreme Temperatures	☐Completed ☐Deleted ☑Ongoing	Cost Effective	1	2	3	4	(5)
			Technically Feasible	1	2	3	4	(5)
			Environmentally Sound	1	2	3	4	(5)
			Immediate Need	1	2	3	4	(5)
			Risk Reduction	1	2	3	4	(5)
Establish program(s) providing air conditioning to at-risk populations.	Extreme Temperatures	☐Completed ☐Deleted ☒Ongoing	Cost Effective	1	2	(3)	4	5
			Technically Feasible	1	2	(3)	4	5
			Environmentally Sound	1	2	(3)	4	5
			Immediate Need	1	2	3	(4)	5
			Risk Reduction	1	2	3	(4)	5

Name:	Title and Organization:

Greene County

Mitigation Action (Strategy)	Risk	Status	Ranking					
Provide water and shade at all public outdoor events during extreme heat.	Extreme Temperatures	☐Completed ☐Deleted ☒Ongoing	Cost Effective	1	2	(3)	4	5
			Technically Feasible	1	2	(3)	4	5
			Environmentally Sound	1	2	(3)	4	5
			Immediate Need	1	2	(3)	4	5
			Risk Reduction	1	2	(3)	4	5
Develop a set of planned alternative routes and gate frequently flooded areas and inform the citizens.	Flooding	☐Completed ☐Deleted ☒Ongoing	Cost Effective	1	2	(3)	4	5
			Technically Feasible	1	2	(3)	4	5
			Environmentally Sound	1	2	(3)	4	5
			Immediate Need	1	2	(3)	4	5
			Risk Reduction	1	2	(3)	4	5
Develop and distribute an informational brochure on the types of homeowner's hazard insurance, i.e. flood, fire, earthquake, etc.	Flooding	☐Completed ☐Deleted ☒Ongoing	Cost Effective	1	2	3	4	(5)
			Technically Feasible	1	2	3	4	(5)
			Environmentally Sound	1	2	3	4	(5)
			Immediate Need	1	2	3	4	(5)
			Risk Reduction	1	2	3	4	(5)

Name:	Title and Organization:

Greene County

Mitigation Action (Strategy)	Risk	Status	Ranking					
Encourage regular and periodic pier inspections for bridges.	Flooding	☐Completed ☐Deleted ☑Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Encourage watershed and wetland planning, as well as natural resource management in conjunction with land-use planning for natural hazard mitigation.	Flooding	☐Completed ☐Deleted ☑Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Establish a Flood Diversion program for roads in Greene County using the Hyper Reach mass notification system.	Flooding	☐Completed ☐Deleted ☑Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

Greene County

Mitigation Action (Strategy)	Risk	Status	Ranking					
Identify at-risk structures in Special Flood Hazard Area.	Flooding	☐Completed ☐Deleted ☑Ongoing	Cost Effective	1	2	3	(4)	5
			Technically Feasible	1	2	3	(4)	5
			Environmentally Sound	1	2	3	(4)	5
			Immediate Need	1	2	3	(4)	5
			Risk Reduction	1	2	3	(4)	5
Massie Creek US 68 N property acquisition; Kaufman/Washington Mill/Patterson.	Flooding	☐Completed ☐Deleted ☒Ongoing	Cost Effective	1	2	(3)	4	5
			Technically Feasible	1	2	(3)	4	5
			Environmentally Sound	1	2	(3)	4	5
			Immediate Need	1	2	(3)	4	5
			Risk Reduction	1	2	(3)	4	5
Educate the public, businesses and residents, of the importance of creating hazard contingency plans (May be included in materials about natural hazard risk).	Hazardous Materials	☐Completed ☐Deleted ☒Ongoing	Cost Effective	1	2	3	4	(5)
			Technically Feasible	1	2	3	4	(5)
			Environmentally Sound	1	2	3	4	(5)
			Immediate Need	1	2	3	4	(5)
			Risk Reduction	1	2	3	4	(5)

Name:	Title and Organization:

Greene County

Mitigation Action (Strategy)	Risk	Status	Ranking					
Partner with organizations whose mission is to restore or preserve beneficial natural systems (wetlands, watersheds, etc.).	Invasive Species	☐Completed ☐Deleted ☑Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Develop and complete a baseline survey to gather citizens' perceptions of the risks associated with natural disasters and the tools and services available to the public to reduce risk.	Multiple Hazards	☐Completed ☐Deleted ☒Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Develop and complete a periodic post-educational campaign surveys to gather citizens' perceptions of the risks associated with natural disasters and the tools and services available to the public to reduce risk (Method to measure the effectiveness of educational campaigns).	Multiple Hazards	☐Completed ☐Deleted ☒Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

Greene County

Mitigation Action (Strategy)	Risk	Status	Ranking					
Develop and distribute information about risks associated with the identified natural disasters affecting the County.	Multiple Hazards	☐Completed ☐Deleted ☒Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Encourage code enforcement and engineering practitioners to enroll in seminars/classes offered by accredited building training centers that showcase the latest materials and techniques in natural hazard resistant construction.	Multiple Hazards	☐Completed ☐Deleted ☒Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Encourage jurisdictions to prevent or prohibit new development in areas vulnerable to natural hazards.	Multiple Hazards	☐Completed ☐Deleted ☒Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

Greene County

Mitigation Action (Strategy)	Risk	Status	Ranking					
Encourage mitigation measures for existing development in areas vulnerable to natural hazards.	Multiple Hazards	☐Completed ☐Deleted ☑Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Encourage the cooperation of neighbors to include, but not limited to: Contingency plans for the evacuation and care of neighboring families and pets and communication among the neighbors in the event of a natural hazard.; Contingency plans for checking- in on the shut-in and frail elderly neighbors.	Multiple Hazards	☐Completed ☐Deleted ☑Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Two maps should be generated as established in the Miami Valley Emergency Operations Plan, 1993, Annex L, Damage Assessment, PG L-5. One map should graphically display Public damage where the worst damage is located and where minimal damage is located. The second should address the same for Private damages.	Multiple Hazards	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

Greene County

Mitigation Action (Strategy)	Risk	Status	Ranking					
Develop and distribute information/education on weather- related-preparedness tools and resources, i.e. sources to purchase such material, etc.	Severe Summer Weather	☐Completed ☐Deleted ☒Ongoing	Cost Effective Technically Feasible Environmentally Sound Immediate Need Risk Reduction	1 1 1 1 1	2 2 2 2 2	3 3 3 3 3	4 4 4 4 4	5 5 5 5 5
Develop and launch awareness/educational campaigns to increase knowledge of weather alert methods (alert radios, e-mail, cell phones, etc.).	Severe Summer Weather	☐Completed ☐Deleted ☐Ongoing	Cost Effective Technically Feasible Environmentally Sound Immediate Need Risk Reduction	1 1 1 1 1	2 2 2 2 2	3 3 3 3 3	4 4 4 4 4	5 5 5 5 5
Educate the public on the importance of properly trimming and maintaining the trees on their property (may be included in materials about natural hazard risk).	Severe Summer Weather	☐Completed ☐Deleted ☒Ongoing	Cost Effective Technically Feasible Environmentally Sound Immediate Need Risk Reduction	1 1 1 1 1	2 2 2 2 2	3 3 3 3 3	4 4 4 4 4	5 5 5 5 5

Name:	Title and Organization:

Greene County

Mitigation Action (Strategy)	Risk	Status	Ranking					
Encourage the use of vinyl siding to reduce dent damage due to hail incidents.	Severe Summer Weather	☐Completed ☑Deleted ☐Ongoing	Cost Effective	(1)	2	3	4	5
			Technically Feasible	1	2	(3)	4	5
			Environmentally Sound	(1)	2	3	4	5
			Immediate Need	(1)	2	3	4	5
			Risk Reduction	(1)	2	3	4	5
Encourage utility companies to hire tree trimming contractors who are capable of a more citizen friendly trimming service	Severe Summer Weather	☐Completed ☑Deleted ☐Ongoing	Cost Effective	(1)	2	3	4	5
			Technically Feasible	1	(2)	3	4	5
			Environmentally Sound	(1)	2	3	4	5
			Immediate Need	(1)	2	3	4	5
			Risk Reduction	(1)	2	3	4	5
Furnish and install a 25KW Emergency Standby Generator with Automatic Transfer Switch at Gerspacher Water Tower. This generator is needed to maintain communications.	Severe Summer Weather	☐Completed ☐Deleted ☐Ongoing	Cost Effective	1	2	3	4	(5)
			Technically Feasible	1	2	3	4	(5)
			Environmentally Sound	1	2	3	4	(5)
			Immediate Need	1	2	3	4	(5)
			Risk Reduction	1	2	3	4	(5)

Name:	Title and Organization:

Greene County

Mitigation Action (Strategy)	Risk	Status	Ranking					
Furnish and install a 25KW Emergency Standby Generator with Automatic Transfer Switch at Indian Ripple Water Tower. This generator is needed to maintain communications.	Severe Summer Weather	☐Completed ☐Deleted ☒Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Furnish and install a 40KW Emergency Standby Generator with Automatic Transfer Switch at the Valley Well Field for wells 11 and 12. This generator is needed to maintain continuous service to the potable water system.	Severe Summer Weather	☐Completed ☐Deleted ☑Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Furnish and install an emergency generator with automatic transfer switch at the Environmental Services facility. The facility is the receiving facility for storm debris and 24/7 operation could be needed.	Severe Summer Weather	☐Completed ☐Deleted ☑Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

Greene County

Mitigation Action (Strategy)	Risk	Status	Ranking					
Supply equipment to manage storm debris.	Severe Summer Weather	☐Completed ☐Deleted ☒Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Supply two portable generators with emergency connections to be used at sanitary lift stations and potable water pump stations during power outages.	Severe Summer Weather	☐Completed ☐Deleted ☒Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Establish and encourage the use of weather warning radios in all public spaces, businesses, and residences.	Severe Winter Weather	☐Completed ☐Deleted ☒Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

Greene County

Mitigation Action (Strategy)	Risk	Status	Ranking					
Generator upgrade for jail.	Severe Winter Weather	☐Completed ☐Deleted ☒Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
High impact window coverings for jail.	Terrorism	☐Completed ☐Deleted ☒Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Upgrade windows to high impact windows on schools.	Terrorism	☐Completed ☐Deleted ☒Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

Greene County

Mitigation Action (Strategy)	Risk	Status	Ranking					
Appeal to the State to enhance or create wind/impact resistant Ohio Basic Building Code(s).	Tornado	☐Completed ☐Deleted ☒Ongoing	Cost Effective	1	2	(3)	4	5
			Technically Feasible	1	2	(3)	4	5
			Environmentally Sound	1	2	(3)	4	5
			Immediate Need	1	2	(3)	4	5
			Risk Reduction	1	2	(3)	4	5
Construct tornado safe rooms in public areas and neighborhoods without basements.	Tornado	☐Completed ☐Deleted ☑Ongoing	Cost Effective	1	2	3	4	(5)
			Technically Feasible	1	2	3	4	(5)
			Environmentally Sound	1	2	3	4	(5)
			Immediate Need	1	2	3	4	(5)
			Risk Reduction	1	2	3	4	(5)
Encourage the use of wind and impact resistant building components designed to withstand tornado strength winds.	Tornado	☐Completed ☐Deleted ☑Ongoing	Cost Effective	1	2	(3)	4	5
			Technically Feasible	1	2	(3)	4	5
			Environmentally Sound	1	2	(3)	4	5
			Immediate Need	1	2	(3)	4	5
			Risk Reduction	1	2	(3)	4	5

Name:	Title and Organization:

Greene County

Mitigation Action (Strategy)	Risk	Status	Ranking					
Install a tornado warning system on the north end of town near the university campus.	Tornado	☐Completed ☐Deleted ☒Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Request legislation requiring tornado safe rooms in new mobile home communities and new residential communities without basements.	Tornado	☐Completed ☐Deleted ☒Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Seek $2.1 million in funding to install a county-wide tornado warning system complete with battery backup in communities with inadequate coverage, or no tornado siren systems.	Tornado	☐Completed ☐Deleted ☒Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

Greene County

Mitigation Action (Strategy)	Risk	Status	Ranking					
Supply of a portable 6-inch bypass pump that will be used to bypass pump the sanitary sewer in the event of a catastrophic failure of the system. The proximity of local streams, creeks, and rivers make this equipment a higher priority to prevent pollution of the environment.	Tornado	☐Completed ☐Deleted ☒Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Supply of an emergency response trailer including chainsaws, traffic safety signage, and proper PPE.	Tornado	☐Completed ☐Deleted ☒Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Test the effectiveness of tornado sirens.	Tornado	☐Completed ☐Deleted ☒Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

Name:	Title and Organization:

Greene County

Mitigation Action (Strategy)	Risk	Status	Ranking					
Tornado safe rooms for Kitridge Road, Spangler Road and Spring Valley and State Route 725 Trailer Parks.	Tornado	☐Completed ☐Deleted ☑Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Launch educational campaigns through public/government cable channels and newsletters, websites, street festivals, libraries, school functions, etc.	Water Quality	☐Completed ☐Deleted ☒Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Develop and distribute information about risks associated with wildfires.	Wildfire	☐Completed ☐Deleted ☒Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

#21

COMPLETE

Collector:	Web Link 1 (Web Link)
Started:	Wednesday, April 16, 2025 1:13:02 PM
Last Modified:	Wednesday, April 16, 2025 1:14:44 PM
Time Spent:	00:01:41
IP Address:	174.207.161.224

Page 1: Survey Instructions

Q1

Name and Organization

Name	**Kim Caudill**
Organization/Agency	**Greene County Public Health**
Title/Position	**Emergency Response Coordinator**
Email Address	**kcaudill@gcph.info**

Q2

Greene County

What Jurisdiction are answering for?

Page 2: Hazard Priorities

Q3

Hazards included in 2020 Plan

Dam/Levee Failure	**Low-Medium Priority**
Drought	**Medium-High Priority**
Earthquakes	**Medium Priority**
Extreme Temperatures	**Medium-High Priority**
Flooding	**Medium Priority**
Hazardous Materials	**Medium-High Priority**
Invasive Species	**Medium Priority**
Landslides, Land Subsidence, and Erosion	**Low-Medium Priority**
Public Health Emergency (Epidemic)	**Medium-High Priority**
Severe Summer Weather	**Highest Priority**
Severe Winter Weather	**Medium-High Priority**
Terrorism	**Medium-High Priority**
Tornadoes	**Highest Priority**
Water Quality	**Medium-High Priority**
Wildfire	**Medium Priority**

Q4

Please consider the following and provide any additional comments: Please consider how the hazards are grouped - Should any be made into separate categories or grouped differently? Are there any hazards not listed that you would like to see included in the 2025 Plan? Any additional comments.

Group tornados with severe summer/spring weather

Page 3: Survey Complete!

Q5 **Respondent skipped this question**

General Comments

#19

COMPLETE

Collector:	Web Link 1 (Web Link)
Started:	Tuesday, April 15, 2025 1:05:53 PM
Last Modified:	Tuesday, April 15, 2025 1:07:17 PM
Time Spent:	00:01:24
IP Address:	96.11.195.132

Page 1: Survey Instructions

Q1

Name and Organization

Name	**Brad Balonier**
Organization/Agency	**Greene County Sheriff's Office**
Title/Position	**Major**
Email Address	**bradley.balonier@greenecountyohio.gov**

Q2

Greene County

What Jurisdiction are answering for?

Page 2: Hazard Priorities

Q3

Hazards included in 2020 Plan

Terrorism	**Medium-High Priority**
Tornadoes	**Medium-High Priority**

Q4

Respondent skipped this question

Please consider the following and provide any additional comments: Please consider how the hazards are grouped - Should any be made into separate categories or grouped differently? Are there any hazards not listed that you would like to see included in the 2025 Plan? Any additional comments.

Page 3: Survey Complete!

Q5 **Respondent skipped this question**

General Comments

#11

COMPLETE

Collector:	Web Link 1 (Web Link)
Started:	Tuesday, March 11, 2025 4:36:40 PM
Last Modified:	Tuesday, March 11, 2025 4:38:10 PM
Time Spent:	00:01:30
IP Address:	174.200.127.195

Page 1: Survey Instructions

Q1

Name and Organization

Name	**Beth Rubin**
Organization/Agency	**Greene CDJFS**
Title/Position	**Director**
Email Address	**beth.rubin@jfs.ohio.gov**

Q2

Greene County

What Jurisdiction are answering for?

Page 2: Hazard Priorities

Q3

Hazards included in 2020 Plan

Dam/Levee Failure	**Medium-High Priority**
Drought	**Medium-High Priority**
Earthquakes	**Medium Priority**
Extreme Temperatures	**Highest Priority**
Flooding	**Highest Priority**
Hazardous Materials	**Highest Priority**
Invasive Species	**Medium Priority**
Landslides, Land Subsidence, and Erosion	**Medium Priority**
Public Health Emergency (Epidemic)	**Highest Priority**
Severe Summer Weather	**Highest Priority**
Severe Winter Weather	**Highest Priority**
Terrorism	**Medium Priority**
Tornadoes	**Highest Priority**
Water Quality	**Highest Priority**
Wildfire	**Medium Priority**

Q4

Respondent skipped this question

Please consider the following and provide any additional comments: Please consider how the hazards are grouped - Should any be made into separate categories or grouped differently? Are there any hazards not listed that you would like to see included in the 2025 Plan? Any additional comments.

Page 3: Survey Complete!

Q5

Respondent skipped this question

General Comments

#12

COMPLETE

Collector: Web Link 1 (Web Link)
Started: Wednesday, March 12, 2025 9:41:51 AM
Last Modified: Wednesday, March 12, 2025 9:51:34 AM
Time Spent: 00:09:43
IP Address: 96.11.195.132

Page 1: Survey Instructions

Q1

Name and Organization

Name	**Eric R Miller**
Organization/Agency	**Greene County Engineering/HIGHWAY**
Title/Position	**Highway Superintendent**
Email Address	**eric.miller@greenecountyohio.gov**

Q2

What Jurisdiction are answering for?

Greene County

Page 2: Hazard Priorities

Q3

Hazards included in 2020 Plan

Dam/Levee Failure	**Medium Priority**
Drought	**Medium Priority**
Earthquakes	**Medium-High Priority**
Extreme Temperatures	**Medium Priority**
Flooding	**Medium-High Priority**
Hazardous Materials	**Medium-High Priority**
Invasive Species	**Medium-High Priority**
Landslides, Land Subsidence, and Erosion	**Medium-High Priority**
Public Health Emergency (Epidemic)	**Medium-High Priority**
Severe Summer Weather	**Highest Priority**
Severe Winter Weather	**Highest Priority**
Terrorism	**Medium-High Priority**
Tornadoes	**Highest Priority**
Water Quality	**Highest Priority**
Wildfire	**Medium Priority**

Q4

Respondent skipped this question

Please consider the following and provide any additional comments: Please consider how the hazards are grouped - Should any be made into separate categories or grouped differently? Are there any hazards not listed that you would like to see included in the 2025 Plan? Any additional comments.

Page 3: Survey Complete!

Q5

Respondent skipped this question

General Comments

#13

COMPLETE

Collector: Web Link 1 (Web Link)
Started: Wednesday, March 12, 2025 10:00:24 AM
Last Modified: Wednesday, March 12, 2025 10:01:19 AM
Time Spent: 00:00:54
IP Address: 96.11.195.132

Page 1: Survey Instructions

Q1

Name and Organization

Name	**Jerrod**
Organization/Agency	**Greene County Highway Dept.**
Title/Position	**Equipment Superintendent**
Email Address	**jerrod.pickens@greenecountyohio.gov**

Q2

What Jurisdiction are answering for?

Greene County

Page 2: Hazard Priorities

Q3

Hazards included in 2020 Plan

Dam/Levee Failure	**Medium-High Priority**
Drought	**Medium-High Priority**
Earthquakes	**Medium-High Priority**
Extreme Temperatures	**Medium-High Priority**
Flooding	**Highest Priority**
Hazardous Materials	**Medium-High Priority**
Invasive Species	**Medium-High Priority**
Landslides, Land Subsidence, and Erosion	**Medium-High Priority**
Public Health Emergency (Epidemic)	**Medium-High Priority**
Severe Summer Weather	**Highest Priority**
Severe Winter Weather	**Highest Priority**
Terrorism	**Medium-High Priority**
Tornadoes	**Highest Priority**
Water Quality	**Medium-High Priority**
Wildfire	**Medium Priority**

Q4

Respondent skipped this question

Please consider the following and provide any additional comments: Please consider how the hazards are grouped - Should any be made into separate categories or grouped differently? Are there any hazards not listed that you would like to see included in the 2025 Plan? Any additional comments.

Page 3: Survey Complete!

Q5

Respondent skipped this question

General Comments

#7

COMPLETE

Collector:	Web Link 1 (Web Link)
Started:	Tuesday, March 11, 2025 3:45:14 PM
Last Modified:	Tuesday, March 11, 2025 3:47:20 PM
Time Spent:	00:02:05
IP Address:	96.11.195.132

Page 1: Survey Instructions

Q1

Name and Organization

Name	**Lisa Hale**
Organization/Agency	**Greene County**
Title/Position	**Director of Risk Management**
Email Address	**lisa.hale@greenecountyohio.gov**

Q2

Greene County

What Jurisdiction are answering for?

Page 2: Hazard Priorities

Q3

Hazards included in 2020 Plan

Dam/Levee Failure	**Medium-High Priority**
Drought	**Medium Priority**
Earthquakes	**Lowest Priority**
Extreme Temperatures	**Low-Medium Priority**
Flooding	**Medium Priority**
Hazardous Materials	**Low-Medium Priority**
Invasive Species	**Low-Medium Priority**
Landslides, Land Subsidence, and Erosion	**Medium-High Priority**
Public Health Emergency (Epidemic)	**Lowest Priority**
Severe Summer Weather	**Low-Medium Priority**
Severe Winter Weather	**Medium-High Priority**
Terrorism	**Low-Medium Priority**
Tornadoes	**Highest Priority**
Water Quality	**Highest Priority**
Wildfire	**Low-Medium Priority**

Q4

Respondent skipped this question

Please consider the following and provide any additional comments: Please consider how the hazards are grouped - Should any be made into separate categories or grouped differently? Are there any hazards not listed that you would like to see included in the 2025 Plan? Any additional comments.

Page 3: Survey Complete!

Q5

Respondent skipped this question

General Comments

#5

COMPLETE

Collector:	Web Link 1 (Web Link)
Started:	Tuesday, March 11, 2025 1:28:07 PM
Last Modified:	Tuesday, March 11, 2025 1:29:42 PM
Time Spent:	00:01:35
IP Address:	174.193.117.15

Page 1: Survey Instructions

Q1

Name and Organization

Name	**Brandon Huddleson**
Organization/Agency	**Greene County**
Title/Position	**County Administrator**
Email Address	**brandon.huddleson@greenecountyohio.gov**

Q2

Greene County

What Jurisdiction are answering for?

Page 2: Hazard Priorities

Q3

Hazards included in 2020 Plan

Dam/Levee Failure	**Do not include**
Drought	**Low-Medium Priority**
Earthquakes	**Do not include**
Extreme Temperatures	**Medium Priority**
Flooding	**Lowest Priority**
Hazardous Materials	**Medium-High Priority**
Invasive Species	**Medium Priority**
Landslides, Land Subsidence, and Erosion	**Medium Priority**
Public Health Emergency (Epidemic)	**Medium-High Priority**
Severe Summer Weather	**Highest Priority**
Severe Winter Weather	**Medium Priority**
Terrorism	**Highest Priority**
Tornadoes	**Highest Priority**
Water Quality	**Medium-High Priority**
Wildfire	**Do not include**

Q4

Respondent skipped this question

Please consider the following and provide any additional comments: Please consider how the hazards are grouped - Should any be made into separate categories or grouped differently? Are there any hazards not listed that you would like to see included in the 2025 Plan? Any additional comments.

Page 3: Survey Complete!

Q5

Respondent skipped this question

General Comments

#12

COMPLETE

Collector:	Web Link 1 (Web Link)
Started:	Wednesday, April 16, 2025 11:42:26 AM
Last Modified:	Wednesday, April 16, 2025 2:57:31 PM
Time Spent:	03:15:05
IP Address:	96.11.195.132

Page 1: Survey Description

Q1

Contact Information

Name	**Al Kuzma**
Organization/Agency	**Building Regulation**
Title/Position	**Director**
Email Address	**al.kuzma@greenecountyohio.gov**

Q2 **Yes**

Did you complete the Previous Mitigation Action Survey?

Page 2: Jurisdiction

Q3 **Greene County**

Which jurisdiction do you represent?

Page 3: Jurisdiction

Q4 **Respondent skipped this question**

Which jurisdiction do you represent?

Page 16: Required Actions: All Jurisdictions

Q232

Required New Action: Work with all jurisdictions on filling in gaps and strengthening capabilities in enacting mitigation strategies.

Technically Sound	**5**

Q233

Required New Action: Ensure all eligible jurisdictions are participating in the NFIP.

Cost Effective	**5**

Q234

Required New Action: Ensure all high-hazard potential dams have updated Emergency Action Plans (EAPs) in place.

Cost Effective	**5**

Q235

Required New Action: Obtain or create inundation maps for all dams.

Technically Sound	**5**

Page 17: New Actions

Q236

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Cost Effective	**5**
Technically Feasible	**5**
Immediate Need	**5**
Risk Reduction	**5**

Q237

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Cost Effective	**4**
Technically Feasible	**4**
Environmentally Sound	**4**
Immediate Need	**4**
Risk Reduction	**4**

Q238

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Cost Effective	**4**
Technically Feasible	**4**
Environmentally Sound	**4**

Q239

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Cost Effective	**4**
Technically Feasible	**4**
Environmentally Sound	**4**
Risk Reduction	**4**

Q240

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q241

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q242

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q243

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q244

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q245

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q246

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q247

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q248

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q249

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q250

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q251

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q252

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q253

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q254

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

#13

COMPLETE

Collector: Web Link 1 (Web Link)
Started: Tuesday, March 11, 2025 3:32:30 PM
Last Modified: Tuesday, March 11, 2025 3:44:25 PM
Time Spent: 00:11:55
IP Address: 96.11.195.132

Page 1: Survey Instructions

Q1

Name and Organization

Name	**Lisa Hale**
Organization/Agency	**Greene County**
Title/Position	**Director of Risk Management**
Email Address	**lisa.hale@greenecountyohio.gov**

Q2

Greene County

For which community are you responding?

Page 2: Goals Survey

Q3

Please determine which of the previous goals, if any, should be included in the next plan.

	(no label)
Increase public awareness.	**Include**
Protect life and property.	**Include**
Create and/or strengthen partnerships.	**Include**
Create a safer environment through construction or installation projects of natural hazard safety systems.	**Include**
Reduce losses that result from the failure of High Hazard Potential Dams.	**Include**

Q4

New Goals: Please provide any goals or objectives you would like included in the Plan.

New Goal 1	**Improve protection of infrastructure from wind/weather hazards (i.e., bury electric lines, mitigate line interference objects such as trees)**
New Goal 2	**Mitigation of hazards to ground water/aquafer (i.e., waste dump seepage/runoff)**
New Goal 3	**Communicate new geographically specific tornado siren information to the public and enhance notifications via cell calls/text**
New Goal 4	**Identify and mitigate flood/erosion damage to infrastructure and land around our rivers and streams**

Q5

Respondent skipped this question

Please provide any additional comments related to these goals in the space below.

Page 3: Survey Complete!

Q6

Respondent skipped this question

General Comments

#16

COMPLETE

Collector: Web Link 1 (Web Link)
Started: Tuesday, March 11, 2025 4:15:18 PM
Last Modified: Tuesday, March 11, 2025 4:30:35 PM
Time Spent: 00:15:17
IP Address: 174.200.127.195

Page 1: Survey Instructions

Q1

Name and Organization

Name	**Beth Rubin**
Organization/Agency	**Greene CDJFS**
Title/Position	**Director**
Email Address	**beth.rubin@jfs.ohio.gov**

Q2

Greene County

For which community are you responding?

Page 2: Goals Survey

Q3

Please determine which of the previous goals, if any, should be included in the next plan.

	(no label)
Increase public awareness.	**Include**
Protect life and property.	**Include**
Create and/or strengthen partnerships.	**Include**
Create a safer environment through construction or installation projects of natural hazard safety systems.	**Include**
Reduce losses that result from the failure of High Hazard Potential Dams.	**Include**

Q4

Respondent skipped this question

New Goals: Please provide any goals or objectives you would like included in the Plan.

Q5

Please provide any additional comments related to these goals in the space below.

Respondent skipped this question

Page 3: Survey Complete!

Q6

General Comments

Respondent skipped this question

#18

COMPLETE

Collector: Web Link 1 (Web Link)
Started: Wednesday, March 12, 2025 9:38:40 AM
Last Modified: Wednesday, March 12, 2025 9:52:47 AM
Time Spent: 00:14:06
IP Address: 96.11.195.132

Page 1: Survey Instructions

Q1

Name and Organization

Name	**Eric R Miller**
Organization/Agency	**Greene County Engineering/HIGHWAY**
Title/Position	**Highway Superintendent**
Email Address	**eric.miller@greenecountyohio.gov**

Q2

For which community are you responding?

Greene County

Page 2: Goals Survey

Q3

Please determine which of the previous goals, if any, should be included in the next plan.

	(no label)
Increase public awareness.	**Include**
Protect life and property.	**Include**
Create and/or strengthen partnerships.	**Include**
Create a safer environment through construction or installation projects of natural hazard safety systems.	**Include**
Reduce losses that result from the failure of High Hazard Potential Dams.	**Include**

Q4

New Goals: Please provide any goals or objectives you would like included in the Plan.

New Goal 1	**Generator to handle our facility- 600amp**

Q5

Please provide any additional comments related to these goals in the space below.

Need generator to keep operations/communications at facility up and running during emergency hazards that would pose a threat to Greene County and its citizens.

Page 3: Survey Complete!

Q6 **Respondent skipped this question**

General Comments

#19

COMPLETE

Collector: Web Link 1 (Web Link)
Started: Wednesday, March 12, 2025 9:56:40 AM
Last Modified: Wednesday, March 12, 2025 10:00:16 AM
Time Spent: 00:03:36
IP Address: 96.11.195.132

Page 1: Survey Instructions

Q1

Name and Organization

Name	**Jerrod Pickens**
Organization/Agency	**Greene County Highway Dept.**
Title/Position	**Equipment Superintendent**
Email Address	**jerrod.pickens@greenecountyohio.gov**

Q2

Greene County

For which community are you responding?

Page 2: Goals Survey

Q3

Please determine which of the previous goals, if any, should be included in the next plan.

	(no label)
Increase public awareness.	**Include**
Protect life and property.	**Include**
Create and/or strengthen partnerships.	**Include**
Create a safer environment through construction or installation projects of natural hazard safety systems.	**Include**
Reduce losses that result from the failure of High Hazard Potential Dams.	**Include**

Q4

New Goals: Please provide any goals or objectives you would like included in the Plan.

New Goal 1	**Generator to handle our facility- 600amp**

Q5

Please provide any additional comments related to these goals in the space below.

Need generator to keep operations/communications at facility up and running during emergency hazards that would pose a threat to Greene County and its citizens.

Page 3: Survey Complete!

Q6 **Respondent skipped this question**

General Comments

#20

COMPLETE

Collector: Web Link 1 (Web Link)
Started: Wednesday, March 19, 2025 8:05:36 AM
Last Modified: Wednesday, March 19, 2025 8:06:51 AM
Time Spent: 00:01:15
IP Address: 64.56.101.146

Page 1: Survey Instructions

Q1

Name and Organization

Name	**Mary Porter**
Organization/Agency	**Greater Dayton Area Hospital Associaiotn**
Title/Position	**Regional Healthcare Coordinator**
Email Address	**mporter@gdaha.org**

Q2

Greene County

For which community are you responding?

Page 2: Goals Survey

Q3

Please determine which of the previous goals, if any, should be included in the next plan.

	(no label)
Increase public awareness.	**Include**
Protect life and property.	**Include**
Create and/or strengthen partnerships.	**Include**
Create a safer environment through construction or installation projects of natural hazard safety systems.	**Include**
Reduce losses that result from the failure of High Hazard Potential Dams.	**Include**

Q4

Respondent skipped this question

New Goals: Please provide any goals or objectives you would like included in the Plan.

Q5

Respondent skipped this question

Please provide any additional comments related to these goals in the space below.

Page 3: Survey Complete!

Q6

Respondent skipped this question

General Comments

#23

COMPLETE

Collector: Web Link 1 (Web Link)
Started: Wednesday, April 09, 2025 7:10:57 AM
Last Modified: Wednesday, April 09, 2025 7:14:48 AM
Time Spent: 00:03:50
IP Address: 96.11.195.132

Page 1: Survey Instructions

Q1

Name and Organization

Name	**Michelle Hudnell**
Organization/Agency	**RPCC**
Title/Position	**Associate Planner**
Email Address	**michelle.hudnell@greenecountyohio.gov**

Q2

Greene County

For which community are you responding?

Page 2: Goals Survey

Q3

Please determine which of the previous goals, if any, should be included in the next plan.

	(no label)
Increase public awareness.	**Include**
Protect life and property.	**Include**
Create and/or strengthen partnerships.	**Do Not Include**
Create a safer environment through construction or installation projects of natural hazard safety systems.	**Include**
Reduce losses that result from the failure of High Hazard Potential Dams.	**Include**

Q4

Respondent skipped this question

New Goals: Please provide any goals or objectives you would like included in the Plan.

Q5

Please provide any additional comments related to these goals in the space below.

It's hard to comment on something with so little information. I do not know much about the Hazard Mitigation plan, so it is hard to comment on what is needed or not needed. Maybe that is exactly a flaw to be addressed- your own people do not know the plan!

Page 3: Survey Complete!

Q6 **Respondent skipped this question**

General Comments

#27

COMPLETE

Collector: Web Link 1 (Web Link)
Started: Tuesday, April 15, 2025 1:03:19 PM
Last Modified: Tuesday, April 15, 2025 1:05:34 PM
Time Spent: 00:02:14
IP Address: 96.11.195.132

Page 1: Survey Instructions

Q1

Name and Organization

Name	**Brad Balonier**
Organization/Agency	**Greene County Sheriff's Office**
Title/Position	**Major**
Email Address	**bradley.balonier@greenecountyohio.gov**

Q2

Greene County

For which community are you responding?

Page 2: Goals Survey

Q3

Please determine which of the previous goals, if any, should be included in the next plan.

	(no label)
Increase public awareness.	**Include**
Protect life and property.	**Include**
Create and/or strengthen partnerships.	**Include**
Create a safer environment through construction or installation projects of natural hazard safety systems.	
Reduce losses that result from the failure of High Hazard Potential Dams.	

Q4

Respondent skipped this question

New Goals: Please provide any goals or objectives you would like included in the Plan.

Q5

Respondent skipped this question

Please provide any additional comments related to these goals in the space below.

Page 3: Survey Complete!

Q6

Respondent skipped this question

General Comments

#29

COMPLETE

Collector: Web Link 1 (Web Link)
Started: Wednesday, April 16, 2025 1:11:08 PM
Last Modified: Wednesday, April 16, 2025 1:12:21 PM
Time Spent: 00:01:13
IP Address: 174.207.161.224

Page 1: Survey Instructions

Q1

Name and Organization

Name	**Kim Caudill**
Organization/Agency	**Greene County Public Health**
Title/Position	**Emergency Response Coordinator**
Email Address	**kcaudill@gcph.info**

Q2

Greene County

For which community are you responding?

Page 2: Goals Survey

Q3

Please determine which of the previous goals, if any, should be included in the next plan.

	(no label)
Increase public awareness.	**Include**
Protect life and property.	**Include**
Create and/or strengthen partnerships.	**Include**
Create a safer environment through construction or installation projects of natural hazard safety systems.	**Include**
Reduce losses that result from the failure of High Hazard Potential Dams.	**Include**

Q4

Respondent skipped this question

New Goals: Please provide any goals or objectives you would like included in the Plan.

Q5

Please provide any additional comments related to these goals in the space below.

Respondent skipped this question

Page 3: Survey Complete!

Q6

General Comments

Respondent skipped this question

#9

COMPLETE

Collector: Web Link 1 (Web Link)
Started: Tuesday, April 15, 2025 2:08:06 PM
Last Modified: Tuesday, April 15, 2025 2:10:28 PM
Time Spent: 00:02:21
IP Address: 96.11.195.132

Page 1: Survey Instructions

Q1

Name and Organization

Name	**Brad Balonier**
Organization/Agency	**Greene County Sheriff's Office**
Title/Position	**Major**
Email Address	**bradley.balonier@greenecountyohio.gov**

Q2

For which community are you responding?

Greene County

Page 2: Integration Survey

Q3

How have you integrated the 2020 HMP into the Emergency Operations Plan?

Respondent skipped this question

Q4

How have you integrated the 2020 HMP into the Comprehensive Plan?

Respondent skipped this question

Q5

How have you integrated the 2020 HMP into the Capital Improvement Plan?

Respondent skipped this question

Q6

How have you integrated the 2020 HMP into the Building Code?

Respondent skipped this question

Q7

Respondent skipped this question

How have you integrated the 2020 HMP into the Zoning Ordinances?

Q8

Respondent skipped this question

How have you integrated the 2020 HMP into the Capital Improvement Program?

Q9

Respondent skipped this question

How have you integrated the 2020 HMP into the Stormwater Management Plans?

Q10

Respondent skipped this question

How have you integrated the 2020 HMP into any other plans? If so, how.

Page 3: Survey Complete!

Q11

Respondent skipped this question

General Comments

#10

COMPLETE

Collector: Web Link 1 (Web Link)
Started: Wednesday, April 16, 2025 1:19:24 PM
Last Modified: Wednesday, April 16, 2025 1:21:24 PM
Time Spent: 00:02:00
IP Address: 174.207.161.224

Page 1: Survey Instructions

Q1

Name and Organization

Name	**Kim Caudill**
Organization/Agency	**Greene County Public Health**
Title/Position	**Emergency Response Coordinator**
Email Address	**kcaudill@gcph.info**

Q2

For which community are you responding?

Greene County

Page 2: Integration Survey

Q3

How have you integrated the 2020 HMP into the Emergency Operations Plan?

Respondent skipped this question

Q4

How have you integrated the 2020 HMP into the Comprehensive Plan?

N/A

Q5

How have you integrated the 2020 HMP into the Capital Improvement Plan?

N/A

Q6

How have you integrated the 2020 HMP into the Building Code?

N/A

Q7

How have you integrated the 2020 HMP into the Zoning Ordinances?

N/A

Q8

How have you integrated the 2020 HMP into the Capital Improvement Program?

N/A

Q9

How have you integrated the 2020 HMP into the Stormwater Management Plans?

N/A

Q10

How have you integrated the 2020 HMP into any other plans? If so, how.

Use with Public Health Emergency Response Plan

Page 3: Survey Complete!

Q11 **Respondent skipped this question**

General Comments

#11

COMPLETE

Collector: Web Link 1 (Web Link)
Started: Tuesday, July 01, 2025 8:18:06 AM
Last Modified: Tuesday, July 01, 2025 8:24:26 AM
Time Spent: 00:06:19
IP Address: 96.11.195.133

Page 1: Survey Instructions

Q1

Name and Organization

Name	**Ethan Raby**
Organization/Agency	**Greene County Emergency Management Agency**
Title/Position	**Director**
Email Address	**ethan.raby@greenecountyohio.gov**

Q2

For which community are you responding?

Greene County

Page 2: Integration Survey

Q3

How have you integrated the 2020 HMP into the Emergency Operations Plan?

Yes, the 2020 HMP has been incorporated into our EOP through how we plan for and respond to natural disasters particularly in areas that experience recurring damages.

Q4

How have you integrated the 2020 HMP into the Comprehensive Plan?

N/A

Q5

How have you integrated the 2020 HMP into the Capital Improvement Plan?

Yes, the 2020 HMP has been incorporated into our Capital Improvement Plan as we plan where to build new buildings that are less likely to experience hazards such as flooding.

Q6

How have you integrated the 2020 HMP into the Building Code?

Yes, the 2020 HMP is considered in how our buildings codes are written and administered.

Q7

How have you integrated the 2020 HMP into the Zoning Ordinances?

Yes, the 2020 HMP is considered in how our building codes are written and administered.

Q8

How have you integrated the 2020 HMP into the Capital Improvement Program?

Yes, the 2020 HMP has been incorporated into our Capital Improvement Plan as we plan where to build new buildings that are less likely to experience hazards such as flooding.

Q9

How have you integrated the 2020 HMP into the Stormwater Management Plans?

Yes, the 2020 HMP has been incorporated into our Stormwater Management Plans in order to plan improvements and upgrades to our stormwater system and mitigation.

Q10

How have you integrated the 2020 HMP into any other plans? If so, how.

Yes, the 2020 HMP is incorporated into our Continuity of Operations Plans so that we're better able to maintain business operations after disasters.

Page 3: Survey Complete!

Q11 **Respondent skipped this question**

General Comments

#16

COMPLETE

Collector:	Web Link 1 (Web Link)
Started:	Wednesday, April 09, 2025 7:11:43 AM
Last Modified:	Wednesday, April 09, 2025 7:49:40 AM
Time Spent:	00:37:56
IP Address:	96.11.195.132

Page 1: Survey Instructions

Q1

Name and Organization

Name	**Michelle Hudnell**
Organization/Agency	**RPCC**
Title/Position	**Associate Planner**
Email Address	**michelle.hudnell@greenecountyohio.gov**

Q2

What Jurisdiction are answering for?

Greene County

Page 2: Hazard Priorities

Q3

Hazards included in 2020 Plan

Dam/Levee Failure	**Medium-High Priority**
Drought	**Medium Priority**
Earthquakes	**Lowest Priority**
Extreme Temperatures	**Low-Medium Priority**
Flooding	**Medium-High Priority**
Hazardous Materials	**Low-Medium Priority**
Invasive Species	**Medium Priority**
Landslides, Land Subsidence, and Erosion	**Lowest Priority**
Public Health Emergency (Epidemic)	**Low-Medium Priority**
Severe Summer Weather	**Low-Medium Priority**
Severe Winter Weather	**Low-Medium Priority**
Terrorism	**Lowest Priority**
Tornadoes	**Highest Priority**
Water Quality	**Highest Priority**
Wildfire	**Lowest Priority**

Q4

Please consider the following and provide any additional comments: Please consider how the hazards are grouped - Should any be made into separate categories or grouped differently? Are there any hazards not listed that you would like to see included in the 2025 Plan? Any additional comments.

I have taken all three surveys, and honestly, I am so confused. I know nothing about this topic, and our government office does very little with most of this. As a long time resident of Greene county, I did not even know this plan existed.

Page 3: Survey Complete!

Q5

General Comments

None on this survey, but on the longest one I took- you did not have this general comment box, but iof you had I would have indicated that I was forced to provide an answer to a few sections- none of which applied, so I just selected "deleted". I hope it doesn't skew your data. Also, you should have included a "this does not apply to my department" option. I have a degree in sociology and have prepared surveys professionally, and these were some of the WORST surveys I have ever taken. Chaotic and unclear.

Surveys: City of Beavercreek

#24

COMPLETE

Collector:	Web Link 1 (Web Link)
Started:	Wednesday, May 14, 2025 4:12:17 PM
Last Modified:	Wednesday, May 14, 2025 4:16:10 PM
Time Spent:	00:03:53
IP Address:	24.106.81.178

Page 1: Survey Instructions

Q1

Name and Organization

Name	**Chad Lindsey**
Organization/Agency	**Beavercreek Police Department**
Title/Position	**Chief of Police**
Email Address	**lindseyc@beavercreekohio.gov**

Q2

City of Beavercreek

What Jurisdiction are answering for?

Page 2: Hazard Priorities

Q3

Hazards included in 2020 Plan

Dam/Levee Failure	**Do not include**
Drought	**Do not include**
Earthquakes	**Lowest Priority**
Extreme Temperatures	**Medium-High Priority**
Flooding	**Medium Priority**
Hazardous Materials	**Medium-High Priority**
Invasive Species	**Low-Medium Priority**
Landslides, Land Subsidence, and Erosion	**Lowest Priority**
Public Health Emergency (Epidemic)	**Medium-High Priority**
Severe Summer Weather	**Highest Priority**
Severe Winter Weather	**Highest Priority**
Terrorism	**Highest Priority**
Tornadoes	**Highest Priority**
Water Quality	**Medium Priority**
Wildfire	**Low-Medium Priority**

Q4

Respondent skipped this question

Please consider the following and provide any additional comments: Please consider how the hazards are grouped - Should any be made into separate categories or grouped differently? Are there any hazards not listed that you would like to see included in the 2025 Plan? Any additional comments.

Page 3: Survey Complete!

Q5

Respondent skipped this question

General Comments

#25

COMPLETE

Collector:	Web Link 1 (Web Link)
Started:	Monday, May 19, 2025 5:50:40 AM
Last Modified:	Monday, May 19, 2025 5:52:34 AM
Time Spent:	00:01:54
IP Address:	24.106.81.190

Page 1: Survey Instructions

Q1

Name and Organization

Name	**Joey Shope**
Organization/Agency	**City of Beavercreek**
Title/Position	**Assistant Director**
Email Address	**shope@beavercreekohio.gov**

Q2

City of Beavercreek

What Jurisdiction are answering for?

Page 2: Hazard Priorities

Q3

Hazards included in 2020 Plan

Dam/Levee Failure	**Medium Priority**
Drought	**Low-Medium Priority**
Earthquakes	**Lowest Priority**
Extreme Temperatures	**Medium Priority**
Flooding	**Medium Priority**
Hazardous Materials	**Low-Medium Priority**
Invasive Species	**Medium Priority**
Landslides, Land Subsidence, and Erosion	**Lowest Priority**
Public Health Emergency (Epidemic)	**Medium Priority**
Severe Summer Weather	**Medium Priority**
Severe Winter Weather	**Medium-High Priority**
Terrorism	**Low-Medium Priority**
Tornadoes	**Medium-High Priority**
Water Quality	**Low-Medium Priority**
Wildfire	**Lowest Priority**

Q4

Respondent skipped this question

Please consider the following and provide any additional comments: Please consider how the hazards are grouped - Should any be made into separate categories or grouped differently? Are there any hazards not listed that you would like to see included in the 2025 Plan? Any additional comments.

Page 3: Survey Complete!

Q5

Respondent skipped this question

General Comments

#4

COMPLETE

Collector: Web Link 1 (Web Link)
Started: Wednesday, March 12, 2025 7:23:35 AM
Last Modified: Wednesday, March 12, 2025 7:25:04 AM
Time Spent: 00:01:29
IP Address: 66.203.18.47

Page 1: Survey Instructions

Q1

Name and Organization

Name	**Paul Otten**
Organization/Agency	**Beavercreek City Schools**
Title/Position	**Superintendent**
Email Address	**paul.otten@gocreek.org**

Q2

For which community are you responding?

City of Beavercreek

Page 2: Integration Survey

Q3

How have you integrated the 2020 HMP into the Emergency Operations Plan?

Respondent skipped this question

Q4

How have you integrated the 2020 HMP into the Comprehensive Plan?

Respondent skipped this question

Q5

How have you integrated the 2020 HMP into the Capital Improvement Plan?

Respondent skipped this question

Q6

How have you integrated the 2020 HMP into the Building Code?

Respondent skipped this question

Q7

Respondent skipped this question

How have you integrated the 2020 HMP into the Zoning Ordinances?

Q8

Respondent skipped this question

How have you integrated the 2020 HMP into the Capital Improvement Program?

Q9

Respondent skipped this question

How have you integrated the 2020 HMP into the Stormwater Management Plans?

Q10

Respondent skipped this question

How have you integrated the 2020 HMP into any other plans? If so, how.

Page 3: Survey Complete!

Q11

General Comments

I am unable to answer these questions as I represent the school district in Beavercreek.

#1

COMPLETE

Collector:	Web Link 1 (Web Link)
Started:	Tuesday, March 11, 2025 9:09:22 AM
Last Modified:	Tuesday, March 11, 2025 9:10:54 AM
Time Spent:	00:01:31
IP Address:	24.106.81.178

Page 1: Survey Instructions

Q1

Name and Organization

Name	**Mike Hummel**
Organization/Agency	**City of Beavercreek Police Dept**
Title/Position	**Sgt**
Email Address	**hummelm@beavercreekohio.gov**

Q2

For which community are you responding?

City of Beavercreek

Page 2: Integration Survey

Q3

How have you integrated the 2020 HMP into the Emergency Operations Plan?

Respondent skipped this question

Q4

How have you integrated the 2020 HMP into the Comprehensive Plan?

Respondent skipped this question

Q5

How have you integrated the 2020 HMP into the Capital Improvement Plan?

Respondent skipped this question

Q6

How have you integrated the 2020 HMP into the Building Code?

Respondent skipped this question

Q7

How have you integrated the 2020 HMP into the Zoning Ordinances?

Respondent skipped this question

Q8

How have you integrated the 2020 HMP into the Capital Improvement Program?

Respondent skipped this question

Q9

How have you integrated the 2020 HMP into the Stormwater Management Plans?

Respondent skipped this question

Q10

How have you integrated the 2020 HMP into any other plans? If so, how.

Respondent skipped this question

Page 3: Survey Complete!

Q11

General Comments

Respondent skipped this question

#10

COMPLETE

Collector: Web Link 1 (Web Link)
Started: Tuesday, March 11, 2025 1:25:12 PM
Last Modified: Tuesday, March 11, 2025 1:33:05 PM
Time Spent: 00:07:53
IP Address: 24.166.220.207

Page 1: Survey Instructions

Q1

Name and Organization

Name	**Don Adams**
Organization/Agency	**City Of Beavercreek**
Title/Position	**Mayor**
Email Address	**adams@beavercreekohio.gov**

Q2

City of Beavercreek

For which community are you responding?

Page 2: Goals Survey

Q3

Please determine which of the previous goals, if any, should be included in the next plan.

	(no label)
Increase public awareness.	**Include**
Protect life and property.	**Include**
Create and/or strengthen partnerships.	**Include**
Create a safer environment through construction or installation projects of natural hazard safety systems.	**Include**
Reduce losses that result from the failure of High Hazard Potential Dams.	**Include**

Q4

New Goals: Please provide any goals or objectives you would like included in the Plan.

New Goal 1	**Identify organizations who can help in aftermath with distribution of citizens needs.**

Q5

Please provide any additional comments related to these goals in the space below.

Respondent skipped this question

Page 3: Survey Complete!

Q6

General Comments

Respondent skipped this question

#3

COMPLETE

Collector: Web Link 1 (Web Link)
Started: Monday, March 10, 2025 8:06:56 AM
Last Modified: Monday, March 10, 2025 8:08:21 AM
Time Spent: 00:01:24
IP Address: 24.106.81.190

Page 1: Survey Instructions

Q1

Name and Organization

Name	**Joey Shope**
Organization/Agency	**City of Beavercreek**
Title/Position	**Assistant Director**
Email Address	**shope@beavercreekohio.gov**

Q2

For which community are you responding?

City of Beavercreek

Page 2: Goals Survey

Q3

Please determine which of the previous goals, if any, should be included in the next plan.

	(no label)
Increase public awareness.	**Include**
Protect life and property.	**Include**
Create and/or strengthen partnerships.	**Include**
Create a safer environment through construction or installation projects of natural hazard safety systems.	**Include**
Reduce losses that result from the failure of High Hazard Potential Dams.	**Include**

Q4

New Goals: Please provide any goals or objectives you would like included in the Plan.

Respondent skipped this question

Q5

Respondent skipped this question

Please provide any additional comments related to these goals in the space below.

Page 3: Survey Complete!

Q6

Respondent skipped this question

General Comments

#1

COMPLETE

Collector: Web Link 1 (Web Link)
Started: Monday, February 24, 2025 10:42:10 AM
Last Modified: Monday, February 24, 2025 10:45:41 AM
Time Spent: 00:03:31
IP Address: 24.106.81.178

Page 1: Survey Instructions

Q1

Name and Organization

Name	**Nick Amato**
Organization/Agency	**Beavercreek Police Department**
Title/Position	**Captain**
Email Address	**amatov@beavercreekohio.gov**

Q2

City of Beavercreek

For which community are you responding?

Page 2: Goals Survey

Q3

Please determine which of the previous goals, if any, should be included in the next plan.

	(no label)
Increase public awareness.	**Include**
Protect life and property.	**Include**
Create and/or strengthen partnerships.	**Include**
Create a safer environment through construction or installation projects of natural hazard safety systems.	**Include**
Reduce losses that result from the failure of High Hazard Potential Dams.	**Include**

Q4

Respondent skipped this question

New Goals: Please provide any goals or objectives you would like included in the Plan.

Q5

Respondent skipped this question

Please provide any additional comments related to these goals in the space below.

Page 3: Survey Complete!

Q6

Respondent skipped this question

General Comments

#1

COMPLETE

Collector:	Web Link 1 (Web Link)
Started:	Tuesday, March 11, 2025 1:32:16 PM
Last Modified:	Tuesday, March 11, 2025 1:34:56 PM
Time Spent:	00:02:39
IP Address:	166.199.98.52

Page 1: Survey Description

Q1

Contact Information

Name	**Paul Otten**
Organization/Agency	**Beavercreek CSD**
Title/Position	**Superintendent**
Email Address	**paul.otten@gocreek.org**

Q2

Which jurisdiction do you represent?

City of Beavercreek

Page 4: Mitigation Actions: City of Beavercreek

Q111

Seek funding for, prioritize and remove and/or relocate at-risk structures or construction of improved or new storm drainage systems or levees to protect at- risk structures. (Dam/Levee Failure)

Respondent skipped this question

Q112

Seek funding for, prioritize and remove and/or relocate at-risk structures or construction of improved or new storm drainage systems or levees to protect at- risk structures. (Dam/Levee Failure)

Respondent skipped this question

Q113

Establish a Flood Diversion program for roads in Greene County using the Hyper Reach mass notification system. (Flooding)

Respondent skipped this question

Q114

Establish a Flood Diversion program for roads in Greene County using the Hyper Reach mass notification system. (Flooding)

Respondent skipped this question

Q115

Identify at-risk structures in Special Flood Hazard Area. (Flooding)

Respondent skipped this question

Q116

Identify at-risk structures in Special Flood Hazard Area. (Flooding)

Respondent skipped this question

Q117

Seek funding for the acquisition, elevation, or retrofit of structures with repetitive loss flood insurance claims through voluntary (owner) mitigation actions. (Flooding)

Respondent skipped this question

Q118

Seek funding for the acquisition, elevation, or retrofit of structures with repetitive loss flood insurance claims through voluntary (owner) mitigation actions. (Flooding)

Respondent skipped this question

Q119

Develop and complete a periodic post- educational campaign surveys to gather citizens' perceptions of the risks associated with natural disasters and the tools and services available to the public to reduce risk (Method to measure the effectiveness of educational campaigns). (Multiple Hazards)

Respondent skipped this question

Q120

Develop and complete a periodic post- educational campaign surveys to gather citizens' perceptions of the risks associated with natural disasters and the tools and services available to the public to reduce risk (Method to measure the effectiveness of educational campaigns). (Multiple Hazards)

Respondent skipped this question

Q121

Upgrade windows to high impact windows on schools. (Terrorism)

Respondent skipped this question

Q122

Upgrade windows to high impact windows on schools. (Terrorism)

Respondent skipped this question

Q123

Seek $2.1 million in funding to install a county-wide tornado warning system complete with battery backup in communities with inadequate coverage, or no tornado siren systems. (Tornado)

Respondent skipped this question

Q124

Seek $2.1 million in funding to install a county-wide tornado warning system complete with battery backup in communities with inadequate coverage, or no tornado siren systems. (Tornado)

Respondent skipped this question

#13

COMPLETE

Collector:	Web Link 1 (Web Link)
Started:	Monday, April 28, 2025 7:15:53 AM
Last Modified:	Monday, April 28, 2025 7:26:36 AM
Time Spent:	00:10:42
IP Address:	24.106.81.190

Page 1: Survey Description

Q1

Contact Information

Name	**Joey Shope**
Organization/Agency	**City of Beavercreek**
Title/Position	**Assistant Public Service Director**
Email Address	**shope@beavercreekohio.gov**

Q2 **Yes**

Did you complete the Previous Mitigation Action Survey?

Page 2: Jurisdiction

Q3 **City of Beavercreek**

Which jurisdiction do you represent?

Page 3: Jurisdiction

Q4 **Respondent skipped this question**

Which jurisdiction do you represent?

Page 16: Required Actions: All Jurisdictions

Q232

Required New Action: Work with all jurisdictions on filling in gaps and strengthening capabilities in enacting mitigation strategies.

Cost Effective	**3**
Technically Sound	**3**
Environmentally Sound	**2**
Immediate Need	**4**
Risk Reduction	**4**

Q233

Required New Action: Ensure all eligible jurisdictions are participating in the NFIP.

Cost Effective	**4**
Technically Sound	**4**
Environmentally Sound	**2**
Immediate Need	**3**
Risk Reduction	**3**

Q234

Required New Action: Ensure all high-hazard potential dams have updated Emergency Action Plans (EAPs) in place.

Cost Effective	**4**
Technically Sound	**3**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**4**

Q235

Required New Action: Obtain or create inundation maps for all dams.

Cost Effective	**3**
Technically Sound	**3**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**4**

Page 17: New Actions

Q236

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Cost Effective	**3**
Technically Feasible	**4**
Environmentally Sound	**2**
Immediate Need	**4**
Risk Reduction	**4**
Action::	The City of Beavercreek will work to equip city staff with the training and knowledge necessary to better prepare for, mitigate against, respond to, and recover from disasters.

Q237

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q238

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q239

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q240

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q241

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q242

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q243

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q244

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q245

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q246

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q247

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q248

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q249

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q250

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q251

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q252

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q253

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q254

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

#13

COMPLETE

Collector:	Web Link 1 (Web Link)
Started:	Monday, April 28, 2025 7:15:53 AM
Last Modified:	Monday, April 28, 2025 7:26:36 AM
Time Spent:	00:10:42
IP Address:	24.106.81.190

Page 1: Survey Description

Q1

Contact Information

Name	**Joey Shope**
Organization/Agency	**City of Beavercreek**
Title/Position	**Assistant Public Service Director**
Email Address	**shope@beavercreekohio.gov**

Q2 **Yes**

Did you complete the Previous Mitigation Action Survey?

Page 2: Jurisdiction

Q3 **City of Beavercreek**

Which jurisdiction do you represent?

Page 3: Jurisdiction

Q4 **Respondent skipped this question**

Which jurisdiction do you represent?

Page 6: Mitigation Actions: City of Beavercreek

Q57 **Ongoing**

Seek funding for, prioritize and remove and/or relocate at-risk structures or construction of improved or new storm drainage systems or levees to protect at- risk structures. (Dam/Levee Failure)

Q58

Seek funding for, prioritize and remove and/or relocate at-risk structures or construction of improved or new storm drainage systems or levees to protect at- risk structures. (Dam/Levee Failure)

Cost Effective	**3**
Technically Feasible	**3**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**3**

Q59 **Ongoing**

Establish a Flood Diversion program for roads in Greene County using the Hyper Reach mass notification system. (Flooding)

Q60

Establish a Flood Diversion program for roads in Greene County using the Hyper Reach mass notification system. (Flooding)

Cost Effective	**3**
Technically Feasible	**3**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**3**

Q61 **Ongoing**

Identify at-risk structures in Special Flood Hazard Area. (Flooding)

Q62

Identify at-risk structures in Special Flood Hazard Area. (Flooding)

Cost Effective	**4**
Technically Feasible	**4**
Environmentally Sound	**2**
Immediate Need	**2**
Risk Reduction	**4**

Q63

Seek funding for the acquisition, elevation, or retrofit of structures with repetitive loss flood insurance claims through voluntary (owner) mitigation actions. (Flooding)

Deleted

Q64

Seek funding for the acquisition, elevation, or retrofit of structures with repetitive loss flood insurance claims through voluntary (owner) mitigation actions. (Flooding)

Respondent skipped this question

Q65

Develop and complete a periodic post- educational campaign surveys to gather citizens' perceptions of the risks associated with natural disasters and the tools and services available to the public to reduce risk (Method to measure the effectiveness of educational campaigns). (Multiple Hazards)

Deleted

Q66

Develop and complete a periodic post- educational campaign surveys to gather citizens' perceptions of the risks associated with natural disasters and the tools and services available to the public to reduce risk (Method to measure the effectiveness of educational campaigns). (Multiple Hazards)

Respondent skipped this question

Q67

Upgrade windows to high impact windows on schools. (Terrorism)

Ongoing

Q68

Upgrade windows to high impact windows on schools. (Terrorism)

Cost Effective	**2**
Technically Feasible	**3**
Environmentally Sound	**1**
Immediate Need	**4**
Risk Reduction	**4**

Q69	**Ongoing**
Seek $2.1 million in funding to install a county-wide tornado warning system complete with battery backup in communities with inadequate coverage, or no tornado siren systems. (Tornado)	

Q70

Seek $2.1 million in funding to install a county-wide tornado warning system complete with battery backup in communities with inadequate coverage, or no tornado siren systems. (Tornado)

Cost Effective	**2**
Technically Feasible	**3**
Environmentally Sound	**2**
Immediate Need	**4**
Risk Reduction	**4**

Page 16: Required Actions: All Jurisdictions

Q232

Required New Action: Work with all jurisdictions on filling in gaps and strengthening capabilities in enacting mitigation strategies.

Cost Effective	**3**
Technically Sound	**3**
Environmentally Sound	**2**
Immediate Need	**4**
Risk Reduction	**4**

Q233

Required New Action: Ensure all eligible jurisdictions are participating in the NFIP.

Cost Effective	**4**
Technically Sound	**4**
Environmentally Sound	**2**
Immediate Need	**3**
Risk Reduction	**3**

Q234

Required New Action: Ensure all high-hazard potential dams have updated Emergency Action Plans (EAPs) in place.

Cost Effective	**4**
Technically Sound	**3**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**4**

Q235

Required New Action: Obtain or create inundation maps for all dams.

Cost Effective	**3**
Technically Sound	**3**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**4**

Page 17: New Actions

Q236

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Cost Effective	**3**
Technically Feasible	**4**
Environmentally Sound	**2**
Immediate Need	**4**
Risk Reduction	**4**
Action::	The City of Beavercreek will work to equip city staff with the training and knowledge necessary to better prepare for, mitigate against, respond to, and recover from disasters.

Q237

Respondent skipped this question

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Q238

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q239

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q240

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q241

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q242

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q243

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q244

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q245

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q246

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q247

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q248

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q249

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q250

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q251

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q252

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q253

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q254

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

#1

COMPLETE

Collector:	Web Link 1 (Web Link)
Started:	Tuesday, March 11, 2025 1:32:16 PM
Last Modified:	Tuesday, March 11, 2025 1:34:56 PM
Time Spent:	00:02:39
IP Address:	166.199.98.52

Page 1: Survey Description

Q1

Contact Information

Name	**Paul Otten**
Organization/Agency	**Beavercreek CSD**
Title/Position	**Superintendent**
Email Address	**paul.otten@gocreek.org**

Q2

Which jurisdiction do you represent?

City of Beavercreek

Page 4: Mitigation Actions: City of Beavercreek

Q111

Seek funding for, prioritize and remove and/or relocate at-risk structures or construction of improved or new storm drainage systems or levees to protect at- risk structures. (Dam/Levee Failure)

Respondent skipped this question

Q112

Seek funding for, prioritize and remove and/or relocate at-risk structures or construction of improved or new storm drainage systems or levees to protect at- risk structures. (Dam/Levee Failure)

Respondent skipped this question

Q113

Establish a Flood Diversion program for roads in Greene County using the Hyper Reach mass notification system. (Flooding)

Respondent skipped this question

Q114

Establish a Flood Diversion program for roads in Greene County using the Hyper Reach mass notification system. (Flooding)

Respondent skipped this question

Q115

Identify at-risk structures in Special Flood Hazard Area. (Flooding)

Respondent skipped this question

Q116

Identify at-risk structures in Special Flood Hazard Area. (Flooding)

Respondent skipped this question

Q117

Seek funding for the acquisition, elevation, or retrofit of structures with repetitive loss flood insurance claims through voluntary (owner) mitigation actions. (Flooding)

Respondent skipped this question

Q118

Seek funding for the acquisition, elevation, or retrofit of structures with repetitive loss flood insurance claims through voluntary (owner) mitigation actions. (Flooding)

Respondent skipped this question

Q119

Develop and complete a periodic post- educational campaign surveys to gather citizens' perceptions of the risks associated with natural disasters and the tools and services available to the public to reduce risk (Method to measure the effectiveness of educational campaigns). (Multiple Hazards)

Respondent skipped this question

Q120

Develop and complete a periodic post- educational campaign surveys to gather citizens' perceptions of the risks associated with natural disasters and the tools and services available to the public to reduce risk (Method to measure the effectiveness of educational campaigns). (Multiple Hazards)

Respondent skipped this question

Q121

Upgrade windows to high impact windows on schools. (Terrorism)

Respondent skipped this question

Q122

Upgrade windows to high impact windows on schools. (Terrorism)

Respondent skipped this question

Q123

Seek $2.1 million in funding to install a county-wide tornado warning system complete with battery backup in communities with inadequate coverage, or no tornado siren systems. (Tornado)

Respondent skipped this question

Q124

Seek $2.1 million in funding to install a county-wide tornado warning system complete with battery backup in communities with inadequate coverage, or no tornado siren systems. (Tornado)

Respondent skipped this question

#1

COMPLETE

Collector: Web Link 1 (Web Link)
Started: Monday, February 24, 2025 10:42:10 AM
Last Modified: Monday, February 24, 2025 10:45:41 AM
Time Spent: 00:03:31
IP Address: 24.106.81.178

Page 1: Survey Instructions

Q1

Name and Organization

Name	**Nick Amato**
Organization/Agency	**Beavercreek Police Department**
Title/Position	**Captain**
Email Address	**amatov@beavercreekohio.gov**

Q2

City of Beavercreek

For which community are you responding?

Page 2: Goals Survey

Q3

Please determine which of the previous goals, if any, should be included in the next plan.

	(no label)
Increase public awareness.	**Include**
Protect life and property.	**Include**
Create and/or strengthen partnerships.	**Include**
Create a safer environment through construction or installation projects of natural hazard safety systems.	**Include**
Reduce losses that result from the failure of High Hazard Potential Dams.	**Include**

Q4

Respondent skipped this question

New Goals: Please provide any goals or objectives you would like included in the Plan.

Q5

Respondent skipped this question

Please provide any additional comments related to these goals in the space below.

Page 3: Survey Complete!

Q6

Respondent skipped this question

General Comments

#5

COMPLETE

Collector:	Web Link 1 (Web Link)
Started:	Tuesday, March 11, 2025 10:00:36 AM
Last Modified:	Tuesday, March 11, 2025 10:02:23 AM
Time Spent:	00:01:46
IP Address:	66.203.18.47

Page 1: Survey Instructions

Q1

Name and Organization

Name	**Paul Otten**
Organization/Agency	**Beavercreek City Schools**
Title/Position	**Superintendent**
Email Address	**paul.otten@gocreek.org**

Q2

City of Beavercreek

For which community are you responding?

Page 2: Goals Survey

Q3

Please determine which of the previous goals, if any, should be included in the next plan.

	(no label)
Increase public awareness.	**Include**
Protect life and property.	**Include**
Create and/or strengthen partnerships.	**Include**
Create a safer environment through construction or installation projects of natural hazard safety systems.	
Reduce losses that result from the failure of High Hazard Potential Dams.	

Q4

Respondent skipped this question

New Goals: Please provide any goals or objectives you would like included in the Plan.

Q5

Respondent skipped this question

Please provide any additional comments related to these goals in the space below.

Page 3: Survey Complete!

Q6

Respondent skipped this question

General Comments

#3

COMPLETE

Collector: Web Link 1 (Web Link)
Started: Tuesday, March 11, 2025 10:02:39 AM
Last Modified: Tuesday, March 11, 2025 10:07:42 AM
Time Spent: 00:05:02
IP Address: 66.203.18.47

Page 1: Survey Instructions

Q1

Name and Organization

Name	**Paul Otten**
Organization/Agency	**Beavercreek City Schools**
Title/Position	**Superintendent**
Email Address	**paul.otten@gocreek.org**

Q2

City of Beavercreek

What Jurisdiction are answering for?

Page 2: Hazard Priorities

Q3

Hazards included in 2020 Plan

Dam/Levee Failure	**Do not include**
Drought	**Lowest Priority**
Earthquakes	**Lowest Priority**
Extreme Temperatures	**Lowest Priority**
Flooding	**Lowest Priority**
Hazardous Materials	**Medium Priority**
Invasive Species	**Lowest Priority**
Landslides, Land Subsidence, and Erosion	**Do not include**
Public Health Emergency (Epidemic)	**Medium Priority**
Severe Summer Weather	**Low-Medium Priority**
Severe Winter Weather	**Low-Medium Priority**
Terrorism	**Medium-High Priority**
Tornadoes	**Medium Priority**
Water Quality	**Medium-High Priority**
Wildfire	**Low-Medium Priority**

Q4

Respondent skipped this question

Please consider the following and provide any additional comments: Please consider how the hazards are grouped - Should any be made into separate categories or grouped differently? Are there any hazards not listed that you would like to see included in the 2025 Plan? Any additional comments.

Page 3: Survey Complete!

Q5

Respondent skipped this question

General Comments

Surveys:
City of Bellbrook

#8

COMPLETE

Collector: Web Link 1 (Web Link)
Started: Thursday, April 10, 2025 1:54:45 PM
Last Modified: Thursday, April 10, 2025 1:55:37 PM
Time Spent: 00:00:52
IP Address: 147.0.47.250

Page 1: Survey Instructions

Q1

Name and Organization

Name	**Anthony Bizzarro**
Organization/Agency	**City of Bellbrook**
Title/Position	**Fire Chief**
Email Address	**a.bizzarro@bellbrook.gov**

Q2 **City of Bellbrook**

For which community are you responding?

Page 2: Integration Survey

Q3 **Respondent skipped this question**

How have you integrated the 2020 HMP into the Emergency Operations Plan?

Q4 **Respondent skipped this question**

How have you integrated the 2020 HMP into the Comprehensive Plan?

Q5 **Respondent skipped this question**

How have you integrated the 2020 HMP into the Capital Improvement Plan?

Q6 **Respondent skipped this question**

How have you integrated the 2020 HMP into the Building Code?

Q7

How have you integrated the 2020 HMP into the Zoning Ordinances?

Respondent skipped this question

Q8

How have you integrated the 2020 HMP into the Capital Improvement Program?

Respondent skipped this question

Q9

How have you integrated the 2020 HMP into the Stormwater Management Plans?

Respondent skipped this question

Q10

How have you integrated the 2020 HMP into any other plans? If so, how.

Respondent skipped this question

Page 3: Survey Complete!

Q11

General Comments

Respondent skipped this question

#26

COMPLETE

Collector: Web Link 1 (Web Link)
Started: Thursday, April 10, 2025 7:59:50 AM
Last Modified: Thursday, April 10, 2025 1:54:28 PM
Time Spent: 05:54:37
IP Address: 147.0.47.250

Page 1: Survey Instructions

Q1

Name and Organization

Name	**Anthony D. Bizzarro**
Organization/Agency	**City of Bellbrook**
Title/Position	**Fire Chief**
Email Address	**a.bizzarro@bellbrook.gov**

Q2

City of Bellbrook

For which community are you responding?

Page 2: Goals Survey

Q3

Please determine which of the previous goals, if any, should be included in the next plan.

	(no label)
Increase public awareness.	**Include**
Protect life and property.	**Include**
Create and/or strengthen partnerships.	**Include**
Create a safer environment through construction or installation projects of natural hazard safety systems.	**Include**
Reduce losses that result from the failure of High Hazard Potential Dams.	**Do Not Include**

Q4

Respondent skipped this question

New Goals: Please provide any goals or objectives you would like included in the Plan.

Q5

Respondent skipped this question

Please provide any additional comments related to these goals in the space below.

Page 3: Survey Complete!

Q6

Respondent skipped this question

General Comments

#11

COMPLETE

Collector: Web Link 1 (Web Link)
Started: Tuesday, March 11, 2025 1:26:12 PM
Last Modified: Tuesday, March 11, 2025 1:46:55 PM
Time Spent: 00:20:43
IP Address: 174.193.112.200

Page 1: Survey Instructions

Q1

Name and Organization

Name	**Jeff Eckley**
Organization/Agency	**BELLBROOK schools**
Title/Position	**Manager of Business**
Email Address	**jeff.eckley@bss.k12.oh.us**

Q2

For which community are you responding?

City of Bellbrook

Page 2: Goals Survey

Q3

Please determine which of the previous goals, if any, should be included in the next plan.

	(no label)
Increase public awareness.	**Include**
Protect life and property.	**Include**
Create and/or strengthen partnerships.	**Include**
Create a safer environment through construction or installation projects of natural hazard safety systems.	**Include**
Reduce losses that result from the failure of High Hazard Potential Dams.	**Include**

Q4

New Goals: Please provide any goals or objectives you would like included in the Plan.

Respondent skipped this question

Q5

Please provide any additional comments related to these goals in the space below.

Respondent skipped this question

Page 3: Survey Complete!

Q6

General Comments

Respondent skipped this question

#2

COMPLETE

Collector:	Web Link 1 (Web Link)
Started:	Thursday, April 10, 2025 8:28:00 AM
Last Modified:	Thursday, April 10, 2025 8:37:18 AM
Time Spent:	00:09:17
IP Address:	147.0.47.250

Page 1: Survey Description

Q1

Contact Information

Name	**Stephen Carmin**
Organization/Agency	**City of Bellbrook**
Title/Position	**Police Chief**
Email Address	**s.carmin@bellbrook.gov**

Q2 **No**

Did you complete the Previous Mitigation Action Survey?

Page 2: Jurisdiction

Q3 **Respondent skipped this question**

Which jurisdiction do you represent?

Page 3: Jurisdiction

Q4 **City of Bellbrook**

Which jurisdiction do you represent?

Page 7: Mitigation Actions: Village of Bellbrook

Q71 **Completed**

Construct or repair storm drainage systems and/or levees. (Dam/Levee Failure)

Q72

Construct or repair storm drainage systems and/or levees. (Dam/Levee Failure)

Cost Effective	**4**
Technically Feasible	**5**
Environmentally Sound	**5**
Immediate Need	**5**
Risk Reduction	**5**
Comment::	N. Belleview drainage culver completed Oct 2020

Q73 **Ongoing**

Seek funding for, prioritize and remove and/or relocate at-risk structures or construction of improved or new storm drainage systems or levees to protect at- risk structures. (Dam/Levee Failure)

Q74

Seek funding for, prioritize and remove and/or relocate at-risk structures or construction of improved or new storm drainage systems or levees to protect at- risk structures. (Dam/Levee Failure)

Cost Effective	**5**
Technically Feasible	**5**
Environmentally Sound	**5**
Immediate Need	**2**
Risk Reduction	**2**
Comment::	Ongoing

Q75 **Ongoing**

Establish a Flood Diversion program for roads in Greene County using the Hyper Reach mass notification system. (Flooding)

Q76

Establish a Flood Diversion program for roads in Greene County using the Hyper Reach mass notification system. (Flooding)

Cost Effective	**5**
Technically Feasible	**5**
Environmentally Sound	**5**
Immediate Need	**2**
Risk Reduction	**2**
Comment::	Ongoing

Q77 **Ongoing**

Identify at-risk structures in Special Flood Hazard Area. (Flooding)

Q78

Identify at-risk structures in Special Flood Hazard Area. (Flooding)

Cost Effective	**5**
Technically Feasible	**5**
Environmentally Sound	**5**
Immediate Need	**3**
Risk Reduction	**2**
Comment::	Ongoing

Q79 **Ongoing**

Develop and complete a periodic post- educational campaign surveys to gather citizens' perceptions of the risks associated with natural disasters and the tools and services available to the public to reduce risk (Method to measure the effectiveness of educational campaigns). (Multiple Hazards)

Q80

Develop and complete a periodic post- educational campaign surveys to gather citizens' perceptions of the risks associated with natural disasters and the tools and services available to the public to reduce risk (Method to measure the effectiveness of educational campaigns). (Multiple Hazards)

Cost Effective	**2**
Technically Feasible	**5**
Environmentally Sound	**5**
Immediate Need	**1**
Risk Reduction	**2**
Comment::	Ongoing

Q81 **Ongoing**

Upgrade windows to high impact windows on schools. (Terrorism)

Q82

Upgrade windows to high impact windows on schools. (Terrorism)

Cost Effective	**4**
Technically Feasible	**5**
Environmentally Sound	**5**
Immediate Need	**3**
Risk Reduction	**3**
Comment::	Modifications/upgrades ongoing in district

Q83 **Ongoing**

Seek $2.1 million in funding to install a county-wide tornado warning system complete with battery backup in communities with inadequate coverage, or no tornado siren systems. (Tornado)

Q84

Seek $2.1 million in funding to install a county-wide tornado warning system complete with battery backup in communities with inadequate coverage, or no tornado siren systems. (Tornado)

Cost Effective	**3**
Technically Feasible	**5**
Environmentally Sound	**5**
Immediate Need	**3**
Risk Reduction	**3**
Comment::	$80k warning system installed in Bellbrook, 2 warning sirens added

Page 16: Required Actions: All Jurisdictions

Q232

Required New Action: Work with all jurisdictions on filling in gaps and strengthening capabilities in enacting mitigation strategies.

Respondent skipped this question

Q233

Required New Action: Ensure all eligible jurisdictions are participating in the NFIP.

Respondent skipped this question

Q234

Required New Action: Ensure all high-hazard potential dams have updated Emergency Action Plans (EAPs) in place.

Respondent skipped this question

Q235

Required New Action: Obtain or create inundation maps for all dams.

Respondent skipped this question

Page 17: New Actions

Q236

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q237

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q238

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q239

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q240

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q241

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q242

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q243

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q244

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q245

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q246

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q247

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q248

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q249

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q250

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q251

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q252

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q253

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q254

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

#3

COMPLETE

Collector:	Web Link 1 (Web Link)
Started:	Thursday, April 10, 2025 1:56:54 PM
Last Modified:	Thursday, April 10, 2025 2:00:18 PM
Time Spent:	00:03:24
IP Address:	147.0.47.250

Page 1: Survey Description

Q1

Contact Information

Name	**Anthony Bizzarro**
Organization/Agency	**City of Bellbrook**
Title/Position	**Fire Chief**
Email Address	**a.bizzarro@bellbrook.gov**

Q2 **No**

Did you complete the Previous Mitigation Action Survey?

Page 2: Jurisdiction

Q3 **Respondent skipped this question**

Which jurisdiction do you represent?

Page 3: Jurisdiction

Q4 **City of Bellbrook**

Which jurisdiction do you represent?

Page 7: Mitigation Actions: Village of Bellbrook

Q71 **Ongoing**

Construct or repair storm drainage systems and/or levees. (Dam/Levee Failure)

Q72

Construct or repair storm drainage systems and/or levees. (Dam/Levee Failure)

Respondent skipped this question

Q73

Seek funding for, prioritize and remove and/or relocate at-risk structures or construction of improved or new storm drainage systems or levees to protect at- risk structures. (Dam/Levee Failure)

Ongoing

Q74

Seek funding for, prioritize and remove and/or relocate at-risk structures or construction of improved or new storm drainage systems or levees to protect at- risk structures. (Dam/Levee Failure)

Respondent skipped this question

Q75

Establish a Flood Diversion program for roads in Greene County using the Hyper Reach mass notification system. (Flooding)

Ongoing

Q76

Establish a Flood Diversion program for roads in Greene County using the Hyper Reach mass notification system. (Flooding)

Respondent skipped this question

Q77

Identify at-risk structures in Special Flood Hazard Area. (Flooding)

Ongoing

Q78

Identify at-risk structures in Special Flood Hazard Area. (Flooding)

Respondent skipped this question

Q79

Develop and complete a periodic post- educational campaign surveys to gather citizens' perceptions of the risks associated with natural disasters and the tools and services available to the public to reduce risk (Method to measure the effectiveness of educational campaigns). (Multiple Hazards)

Ongoing

Q80

Develop and complete a periodic post- educational campaign surveys to gather citizens' perceptions of the risks associated with natural disasters and the tools and services available to the public to reduce risk (Method to measure the effectiveness of educational campaigns). (Multiple Hazards)

Respondent skipped this question

Q81

Upgrade windows to high impact windows on schools. (Terrorism)

Respondent skipped this question

Q82

Upgrade windows to high impact windows on schools. (Terrorism)

Respondent skipped this question

Q83

Seek $2.1 million in funding to install a county-wide tornado warning system complete with battery backup in communities with inadequate coverage, or no tornado siren systems. (Tornado)

Completed

Q84

Seek $2.1 million in funding to install a county-wide tornado warning system complete with battery backup in communities with inadequate coverage, or no tornado siren systems. (Tornado)

Respondent skipped this question

Page 16: Required Actions: All Jurisdictions

Q232

Required New Action: Work with all jurisdictions on filling in gaps and strengthening capabilities in enacting mitigation strategies.

Respondent skipped this question

Q233

Required New Action: Ensure all eligible jurisdictions are participating in the NFIP.

Respondent skipped this question

Q234

Required New Action: Ensure all high-hazard potential dams have updated Emergency Action Plans (EAPs) in place.

Respondent skipped this question

Q235

Required New Action: Obtain or create inundation maps for all dams.

Respondent skipped this question

Page 17: New Actions

Q236

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q237

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q238

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q239

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q240

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q241

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q242

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q243

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q244

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q245

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q246

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q247

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q248

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q249

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q250

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q251

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q252

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q253

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q254

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Surveys:
City of Fairborn

#9

COMPLETE

Collector:	Web Link 1 (Web Link)
Started:	Tuesday, March 11, 2025 4:21:55 PM
Last Modified:	Tuesday, March 11, 2025 4:23:53 PM
Time Spent:	00:01:58
IP Address:	45.18.236.103

Page 1: Survey Instructions

Q1

Name and Organization

Name	**Michael Gebhart**
Organization/Agency	**City of Fairborn**
Title/Position	**City Manager**
Email Address	**michael.gebhart@fairbornoh.gov**

Q2

City of Fairborn

What Jurisdiction are answering for?

Page 2: Hazard Priorities

Q3

Hazards included in 2020 Plan

Dam/Levee Failure	**Medium Priority**
Drought	**Medium-High Priority**
Earthquakes	**Medium Priority**
Extreme Temperatures	**Low-Medium Priority**
Flooding	**Medium Priority**
Hazardous Materials	**Highest Priority**
Invasive Species	**Medium Priority**
Landslides, Land Subsidence, and Erosion	**Low-Medium Priority**
Public Health Emergency (Epidemic)	**Highest Priority**
Severe Summer Weather	**Medium Priority**
Severe Winter Weather	**Medium Priority**
Terrorism	**Highest Priority**
Tornadoes	**Highest Priority**
Water Quality	**Highest Priority**
Wildfire	**Highest Priority**

Q4

Please consider the following and provide any additional comments: Please consider how the hazards are grouped - Should any be made into separate categories or grouped differently? Are there any hazards not listed that you would like to see included in the 2025 Plan? Any additional comments.

No additional comments.

Page 3: Survey Complete!

Q5 **Respondent skipped this question**

General Comments

#2

COMPLETE

Collector: Web Link 1 (Web Link)
Started: Monday, March 10, 2025 10:56:36 AM
Last Modified: Monday, March 10, 2025 10:58:14 AM
Time Spent: 00:01:38
IP Address: 66.209.140.110

Page 1: Survey Instructions

Q1

Name and Organization

Name	**James Hern**
Organization/Agency	**Fairborn Police Department**
Title/Position	**Operations Captain**
Email Address	**james.hern@fairbornoh.gov**

Q2 **City of Fairborn**

What Jurisdiction are answering for?

Page 2: Hazard Priorities

Q3

Hazards included in 2020 Plan

Dam/Levee Failure	**Medium Priority**
Drought	**Lowest Priority**
Earthquakes	**Lowest Priority**
Extreme Temperatures	**Medium Priority**
Flooding	**Medium Priority**
Hazardous Materials	**Highest Priority**
Invasive Species	**Lowest Priority**
Landslides, Land Subsidence, and Erosion	**Lowest Priority**
Public Health Emergency (Epidemic)	**Highest Priority**
Severe Summer Weather	**Lowest Priority**
Severe Winter Weather	**Medium Priority**
Terrorism	**Highest Priority**
Tornadoes	**Medium-High Priority**
Water Quality	**Low-Medium Priority**
Wildfire	**Lowest Priority**

Q4

Respondent skipped this question

Please consider the following and provide any additional comments: Please consider how the hazards are grouped - Should any be made into separate categories or grouped differently? Are there any hazards not listed that you would like to see included in the 2025 Plan? Any additional comments.

Page 3: Survey Complete!

Q5

Respondent skipped this question

General Comments

#4

COMPLETE

Collector: Web Link 1 (Web Link)
Started: Monday, March 10, 2025 10:52:45 AM
Last Modified: Monday, March 10, 2025 10:56:26 AM
Time Spent: 00:03:40
IP Address: 70.62.41.238

Page 1: Survey Instructions

Q1

Name and Organization

Name	**James Hern**
Organization/Agency	**Fairborn Police Department**
Title/Position	**Operations Captain**
Email Address	**james.hern@fairbornoh.gov**

Q2

For which community are you responding?

City of Fairborn

Page 2: Goals Survey

Q3

Please determine which of the previous goals, if any, should be included in the next plan.

	(no label)
Increase public awareness.	
Protect life and property.	**Include**
Create and/or strengthen partnerships.	**Include**
Create a safer environment through construction or installation projects of natural hazard safety systems.	
Reduce losses that result from the failure of High Hazard Potential Dams.	

Q4

New Goals: Please provide any goals or objectives you would like included in the Plan.

New Goal 1	**Familiarize relevant resources for events**
New Goal 2	**Strengthen existing partnerships**
New Goal 3	**Educate staff on response to incidents**

Q5

Respondent skipped this question

Please provide any additional comments related to these goals in the space below.

Page 3: Survey Complete!

Q6

Respondent skipped this question

General Comments

#16

COMPLETE

Collector:	Web Link 1 (Web Link)
Started:	Thursday, May 15, 2025 11:55:13 AM
Last Modified:	Friday, May 16, 2025 2:11:32 PM
Time Spent:	Over a day
IP Address:	66.203.31.154

Page 1: Survey Description

Q1

Contact Information

Name	**William Titley**
Organization/Agency	**Fairborn City Schools**
Title/Position	**Director of Security**
Email Address	**wtitley@fairborn.k12.oh.us**

Q2 **Yes**

Did you complete the Previous Mitigation Action Survey?

Page 2: Jurisdiction

Q3 **City of Fairborn**

Which jurisdiction do you represent?

Page 3: Jurisdiction

Q4 **Respondent skipped this question**

Which jurisdiction do you represent?

Page 8: Mitigation Actions: Village of Fairborn

Q85 **Ongoing**

Seek funding for, prioritize and remove and/or relocate at-risk structures or construction of improved or new storm drainage systems or levees to protect at- risk structures. (Dam/Levee Failure)

Q86

Seek funding for, prioritize and remove and/or relocate at-risk structures or construction of improved or new storm drainage systems or levees to protect at- risk structures. (Dam/Levee Failure)

Cost Effective	**3**
Technically Feasible	**3**
Environmentally Sound	**4**
Immediate Need	**3**
Risk Reduction	**4**

Q87 **Ongoing**

Adams St/Mitman Park Drainage Construction. (Flooding)

Q88

Adams St/Mitman Park Drainage Construction. (Flooding)

Cost Effective	**3**
Technically Feasible	**4**
Environmentally Sound	**4**
Immediate Need	**4**
Risk Reduction	**4**

Q89 **Ongoing**

Adams St/Mitman Park Drainage Design. (Flooding)

Q90

Adams St/Mitman Park Drainage Design. (Flooding)

Cost Effective	**3**
Technically Feasible	**4**
Environmentally Sound	**4**
Immediate Need	**4**
Risk Reduction	**4**

Q91 **Ongoing**

Beaver control measures. (Flooding)

Q92

Beaver control measures. (Flooding)

Cost Effective	**3**
Technically Feasible	**3**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**3**

Q93 **Ongoing**

Chapel Drive at Sycamore Drainage Materials. (Flooding)

Q94

Chapel Drive at Sycamore Drainage Materials. (Flooding)

Cost Effective	**3**
Technically Feasible	**4**
Environmentally Sound	**4**
Immediate Need	**4**
Risk Reduction	**4**

Q95 **Ongoing**

Circle Drive storm drainage improvements. (Flooding)

Q96

Circle Drive storm drainage improvements. (Flooding)

Cost Effective	**4**
Technically Feasible	**4**
Environmentally Sound	**4**
Immediate Need	**3**
Risk Reduction	**4**

Q97 **Ongoing**

Colonel Glenn drainage improvements. (Flooding)

Q98

Colonel Glenn drainage improvements. (Flooding)

Cost Effective	**3**
Technically Feasible	**4**
Environmentally Sound	**4**
Immediate Need	**4**
Risk Reduction	**4**

Q99 **Ongoing**

Dayton-Yellow Springs drainage improvement – Commerce Center area. (Flooding)

Q100

Dayton-Yellow Springs drainage improvement – Commerce Center area. (Flooding)

Cost Effective	**2**
Technically Feasible	**4**
Environmentally Sound	**4**
Immediate Need	**4**
Risk Reduction	**4**

Q101 **Ongoing**

Drainage area easement procurements. (Flooding)

Q102

Drainage area easement procurements. (Flooding)

Cost Effective	**2**
Technically Feasible	**3**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**3**

Q103 **Ongoing**

Enclose Redbank Ditch between Kauffman and Maple Avenue. (Flooding)

Q104

Enclose Redbank Ditch between Kauffman and Maple Avenue. (Flooding)

Cost Effective	**2**
Technically Feasible	**3**
Environmentally Sound	**3**
Immediate Need	**2**
Risk Reduction	**3**

Q105 **Ongoing**

Establish a Flood Diversion program for roads in Greene County using the Hyper Reach mass notification system. (Flooding)

Q106

Establish a Flood Diversion program for roads in Greene County using the Hyper Reach mass notification system. (Flooding)

Cost Effective	**4**
Technically Feasible	**4**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**4**

Q107 **Ongoing**

Fairfield Park drainage improvements. (Flooding)

Q108

Fairfield Park drainage improvements. (Flooding)

Cost Effective	**3**
Technically Feasible	**4**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**3**

Q109 **Ongoing**

Fairfield Park pervious pavement of parking lots. (Flooding)

Q110

Fairfield Park pervious pavement of parking lots. (Flooding)

Cost Effective	**3**
Technically Feasible	**3**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**3**

Q111 **Ongoing**

Hebble Creek creek reprofiling. (Flooding)

Q112

Hebble Creek creek reprofiling. (Flooding)

Cost Effective	**3**
Technically Feasible	**4**
Environmentally Sound	**4**
Immediate Need	**3**
Risk Reduction	**3**

Q113 **Ongoing**

Hebble Creek Culvert Replacement, Central Ave. (Flooding)

Q114

Hebble Creek Culvert Replacement, Central Ave. (Flooding)

Cost Effective	**3**
Technically Feasible	**4**
Environmentally Sound	**4**
Immediate Need	**3**
Risk Reduction	**3**

Q115 **Ongoing**

Hebble Creek Culvert Replacement, Elm and Dayton Drive. (Flooding)

Q116

Hebble Creek Culvert Replacement, Elm and Dayton Drive. (Flooding)

Cost Effective	**3**
Technically Feasible	**4**
Environmentally Sound	**4**
Immediate Need	**4**
Risk Reduction	**4**

Q117 **Ongoing**

Hebble Creek engineering study. (Flooding)

Q118

Hebble Creek engineering study. (Flooding)

Cost Effective	**3**
Technically Feasible	**5**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**3**

Q119 **Ongoing**

Hidden Hills detection basin modifications. (Flooding)

Q120

Hidden Hills detection basin modifications. (Flooding)

Cost Effective	**3**
Technically Feasible	**3**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**3**

Q121 **Ongoing**

Highview Drive storm sewer design and construction. (Flooding)

Q122

Highview Drive storm sewer design and construction. (Flooding)

Cost Effective	**3**
Technically Feasible	**5**
Environmentally Sound	**5**
Immediate Need	**4**
Risk Reduction	**3**

Q123 **Ongoing**

Identify at-risk structures in Special Flood Hazard Area. (Flooding)

Q124

Identify at-risk structures in Special Flood Hazard Area. (Flooding)

Cost Effective	**5**
Technically Feasible	**5**
Environmentally Sound	**5**
Immediate Need	**3**
Risk Reduction	**4**

Q125 **Ongoing**

Ironwood Drive storm sewer design & construction. (Flooding)

Q126

Ironwood Drive storm sewer design & construction. (Flooding)

Cost Effective	**3**
Technically Feasible	**4**
Environmentally Sound	**4**
Immediate Need	**3**
Risk Reduction	**3**

Q127 **Ongoing**

Kauffman Avenue drainage improvements. (Flooding)

Q128

Kauffman Avenue drainage improvements. (Flooding)

Cost Effective	**3**
Technically Feasible	**4**
Environmentally Sound	**4**
Immediate Need	**3**
Risk Reduction	**4**

Q129 **Ongoing**

Langview/Royal Oaks storm sewer design & construction. (Flooding)

Q130

Langview/Royal Oaks storm sewer design & construction. (Flooding)

Cost Effective	**3**
Technically Feasible	**4**
Environmentally Sound	**4**
Immediate Need	**5**
Risk Reduction	**4**

Q131 **Ongoing**

Lincoln Drive storm sewer improvements construction. (Flooding)

Q132

Lincoln Drive storm sewer improvements construction. (Flooding)

Cost Effective	**3**
Technically Feasible	**4**
Environmentally Sound	**4**
Immediate Need	**3**
Risk Reduction	**3**

Q133 **Ongoing**

Mark Lane ditch renovation. (Flooding)

Q134

Mark Lane ditch renovation. (Flooding)

Cost Effective	**4**
Technically Feasible	**4**
Environmentally Sound	**4**
Immediate Need	**3**
Risk Reduction	**3**

Q135 **Ongoing**

Pleasant View Drainage, Phase I Construction – Redbank Parallel Trunk Sewer. (Flooding)

Q136

Pleasant View Drainage, Phase I Construction – Redbank Parallel Trunk Sewer. (Flooding)

Cost Effective	**3**
Technically Feasible	**4**
Environmentally Sound	**4**
Immediate Need	**5**
Risk Reduction	**4**

Q137 **Ongoing**

Pleasant View Drainage, Phase II Construction – Dellwood Drive Sewer (Flooding)

Q138

Pleasant View Drainage, Phase II Construction – Dellwood Drive Sewer (Flooding)

Cost Effective	**3**
Technically Feasible	**4**
Environmentally Sound	**4**
Immediate Need	**5**
Risk Reduction	**4**

Q139 **Ongoing**

Pleasant View Drainage, Phase II Design – Dellwood Drive Sewer. (Flooding)

Q140

Pleasant View Drainage, Phase II Design – Dellwood Drive Sewer. (Flooding)

Cost Effective	**5**
Technically Feasible	**5**
Environmentally Sound	**5**
Immediate Need	**5**
Risk Reduction	**4**

Q141 **Ongoing**

Pleasant View Drainage, Phase III Construction – Florence Avenue Sewer. (Flooding)

Q142

Pleasant View Drainage, Phase III Construction – Florence Avenue Sewer. (Flooding)

Cost Effective	**3**
Technically Feasible	**4**
Environmentally Sound	**4**
Immediate Need	**5**
Risk Reduction	**4**

Q143 **Ongoing**

Pleasant View Drainage, Phase III Design – Florence Avenue Sewer. (Flooding)

Q144

Pleasant View Drainage, Phase III Design – Florence Avenue Sewer. (Flooding)

Cost Effective	**5**
Technically Feasible	**5**
Environmentally Sound	**5**
Immediate Need	**5**
Risk Reduction	**4**

Q145 **Ongoing**

Pleasant View Drainage, Phase IV Design & Construction – Pat Lane & NE Sewer. (Flooding)

Q146

Pleasant View Drainage, Phase IV Design & Construction – Pat Lane & NE Sewer. (Flooding)

Cost Effective	**5**
Technically Feasible	**5**
Environmentally Sound	**5**
Immediate Need	**5**
Risk Reduction	**4**

Q147 **Ongoing**

Redbank Ditch retaining wall replacement. (Flooding)

Q148

Redbank Ditch retaining wall replacement. (Flooding)

Cost Effective	**5**
Technically Feasible	**5**
Environmentally Sound	**5**
Immediate Need	**5**
Risk Reduction	**4**

Q149 **Ongoing**

Redstone Drive storm sewer design & construction. (Flooding)

Q150

Redstone Drive storm sewer design & construction. (Flooding)

Cost Effective	**3**
Technically Feasible	**4**
Environmentally Sound	**4**
Immediate Need	**3**
Risk Reduction	**3**

Q151 **Ongoing**

Seek funding for the acquisition, elevation, or retrofit of structures with repetitive loss flood insurance claims through voluntary (owner) mitigation actions. (Flooding)

Q152

Seek funding for the acquisition, elevation, or retrofit of structures with repetitive loss flood insurance claims through voluntary (owner) mitigation actions. (Flooding)

Cost Effective	**4**
Technically Feasible	**4**
Environmentally Sound	**4**
Immediate Need	**3**
Risk Reduction	**4**

Q153 **Ongoing**

Stormwater master plan. (Flooding)

Q154

Stormwater master plan. (Flooding)

Cost Effective	**5**
Technically Feasible	**5**
Environmentally Sound	**5**
Immediate Need	**4**
Risk Reduction	**4**

Q155 **Ongoing**

Upper Orville Street Storm Improvements Design & Construction. (Flooding)

Q156

Upper Orville Street Storm Improvements Design & Construction. (Flooding)

Cost Effective	**3**
Technically Feasible	**4**
Environmentally Sound	**4**
Immediate Need	**4**
Risk Reduction	**3**

Q157 **Ongoing**

Wrightview Park plat storm sewer. (Flooding)

Q158

Wrightview Park plat storm sewer. (Flooding)

Cost Effective	**3**
Technically Feasible	**4**
Environmentally Sound	**4**
Immediate Need	**4**
Risk Reduction	**4**

Q159 **Ongoing**

Develop and complete a periodic post- educational campaign surveys to gather citizens' perceptions of the risks associated with natural disasters and the tools and services available to the public to reduce risk (Method to measure the effectiveness of educational campaigns). (Multiple Hazards)

Q160

Develop and complete a periodic post- educational campaign surveys to gather citizens' perceptions of the risks associated with natural disasters and the tools and services available to the public to reduce risk (Method to measure the effectiveness of educational campaigns). (Multiple Hazards)

Cost Effective	**5**
Technically Feasible	**5**
Environmentally Sound	**5**
Immediate Need	**4**
Risk Reduction	**4**

Q161 **Ongoing**

Upgrade windows to high impact windows on schools. (Terrorism)

Q162

Upgrade windows to high impact windows on schools. (Terrorism)

Cost Effective	**5**
Technically Feasible	**5**
Environmentally Sound	**5**
Immediate Need	**5**
Risk Reduction	**5**

Q163	Ongoing
Seek $2.1 million in funding to install a county-wide tornado warning system complete with battery backup in communities with inadequate coverage, or no tornado siren systems. (Tornado)	

Q164

Seek $2.1 million in funding to install a county-wide tornado warning system complete with battery backup in communities with inadequate coverage, or no tornado siren systems. (Tornado)

Cost Effective	**4**
Technically Feasible	**5**
Environmentally Sound	**5**
Immediate Need	**4**
Risk Reduction	**4**

Page 16: Required Actions: All Jurisdictions

Q232

Required New Action: Work with all jurisdictions on filling in gaps and strengthening capabilities in enacting mitigation strategies.

Cost Effective	**5**
Technically Sound	**5**
Environmentally Sound	**5**
Immediate Need	**5**
Risk Reduction	**5**

Q233

Required New Action: Ensure all eligible jurisdictions are participating in the NFIP.

Cost Effective	**5**
Technically Sound	**5**
Environmentally Sound	**5**
Immediate Need	**5**
Risk Reduction	**5**

Q234

Required New Action: Ensure all high-hazard potential dams have updated Emergency Action Plans (EAPs) in place.

Cost Effective	**5**
Technically Sound	**5**
Environmentally Sound	**5**
Immediate Need	**5**
Risk Reduction	**5**

Q235

Required New Action: Obtain or create inundation maps for all dams.

Cost Effective	**5**
Technically Sound	**5**
Environmentally Sound	**5**
Immediate Need	**5**
Risk Reduction	**5**

Page 17: New Actions

Q236

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q237

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q238

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q239

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q240

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q241

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q242

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q243

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q244

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q245

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q246

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q247

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q248

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q249

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q250

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q251

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q252

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q253

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q254

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

#17

COMPLETE

Collector:	Web Link 1 (Web Link)
Started:	Friday, May 16, 2025 7:12:32 AM
Last Modified:	Tuesday, May 20, 2025 7:46:53 AM
Time Spent:	Over a day
IP Address:	66.209.140.110

Page 1: Survey Description

Q1

Contact Information

Name	**Terry Adkins**
Organization/Agency	**City of Fairborn Public Works**
Title/Position	**Public Works Director**
Email Address	**terry.adkins@fairbornoh.gov**

Q2 **Yes**

Did you complete the Previous Mitigation Action Survey?

Page 2: Jurisdiction

Q3 **City of Fairborn**

Which jurisdiction do you represent?

Page 3: Jurisdiction

Q4 **Respondent skipped this question**

Which jurisdiction do you represent?

Page 8: Mitigation Actions: Village of Fairborn

Q85 **Deleted**

Seek funding for, prioritize and remove and/or relocate at-risk structures or construction of improved or new storm drainage systems or levees to protect at- risk structures. (Dam/Levee Failure)

Q86

Seek funding for, prioritize and remove and/or relocate at-risk structures or construction of improved or new storm drainage systems or levees to protect at- risk structures. (Dam/Levee Failure)

Respondent skipped this question

Q87

Adams St/Mitman Park Drainage Construction. (Flooding)

Ongoing

Q88

Adams St/Mitman Park Drainage Construction. (Flooding)

Cost Effective	**2**
Technically Feasible	**4**
Environmentally Sound	**3**
Immediate Need	**2**
Risk Reduction	**3**

Q89

Adams St/Mitman Park Drainage Design. (Flooding)

Ongoing

Q90

Adams St/Mitman Park Drainage Design. (Flooding)

Cost Effective	**2**
Technically Feasible	**4**
Environmentally Sound	**3**
Immediate Need	**2**
Risk Reduction	**3**

Q91

Beaver control measures. (Flooding)

Ongoing

Q92

Beaver control measures. (Flooding)

Cost Effective	**5**
Technically Feasible	**5**
Environmentally Sound	**5**
Immediate Need	**5**
Risk Reduction	**5**

Q93 **Deleted**

Chapel Drive at Sycamore Drainage Materials. (Flooding)

Q94 **Respondent skipped this question**

Chapel Drive at Sycamore Drainage Materials. (Flooding)

Q95 **Completed**

Circle Drive storm drainage improvements. (Flooding)

Q96

Circle Drive storm drainage improvements. (Flooding)

Cost Effective	**3**
Technically Feasible	**4**
Environmentally Sound	**4**
Immediate Need	**5**
Risk Reduction	**4**

Q97 **Deleted**

Colonel Glenn drainage improvements. (Flooding)

Q98 **Respondent skipped this question**

Colonel Glenn drainage improvements. (Flooding)

Q99 **Ongoing**

Dayton-Yellow Springs drainage improvement – Commerce Center area. (Flooding)

Q100

Dayton-Yellow Springs drainage improvement – Commerce Center area. (Flooding)

Cost Effective	**5**
Technically Feasible	**4**
Environmentally Sound	**5**
Immediate Need	**3**
Risk Reduction	**3**

Q101 **Deleted**

Drainage area easement procurements. (Flooding)

Q102 **Respondent skipped this question**

Drainage area easement procurements. (Flooding)

Q103 **Deleted**

Enclose Redbank Ditch between Kauffman and Maple Avenue. (Flooding)

Q104 **Respondent skipped this question**

Enclose Redbank Ditch between Kauffman and Maple Avenue. (Flooding)

Q105 **Deleted**

Establish a Flood Diversion program for roads in Greene County using the Hyper Reach mass notification system. (Flooding)

Q106 **Respondent skipped this question**

Establish a Flood Diversion program for roads in Greene County using the Hyper Reach mass notification system. (Flooding)

Q107 **Completed**

Fairfield Park drainage improvements. (Flooding)

Q108 **Respondent skipped this question**

Fairfield Park drainage improvements. (Flooding)

Q109

Fairfield Park pervious pavement of parking lots. (Flooding)

Completed

Q110

Fairfield Park pervious pavement of parking lots. (Flooding)

Respondent skipped this question

Q111

Hebble Creek creek reprofiling. (Flooding)

Deleted

Q112

Hebble Creek creek reprofiling. (Flooding)

Respondent skipped this question

Q113

Hebble Creek Culvert Replacement, Central Ave. (Flooding)

Deleted

Q114

Hebble Creek Culvert Replacement, Central Ave. (Flooding)

Respondent skipped this question

Q115

Hebble Creek Culvert Replacement, Elm and Dayton Drive. (Flooding)

Deleted

Q116

Hebble Creek Culvert Replacement, Elm and Dayton Drive. (Flooding)

Respondent skipped this question

Q117

Hebble Creek engineering study. (Flooding)

Deleted

Q118

Hebble Creek engineering study. (Flooding)

Respondent skipped this question

Q119

Hidden Hills detection basin modifications. (Flooding)

Completed

Q120

Hidden Hills detection basin modifications. (Flooding)

Respondent skipped this question

Q121

Highview Drive storm sewer design and construction. (Flooding)

Deleted

Q122

Highview Drive storm sewer design and construction. (Flooding)

Respondent skipped this question

Q123

Identify at-risk structures in Special Flood Hazard Area. (Flooding)

Ongoing

Q124

Identify at-risk structures in Special Flood Hazard Area. (Flooding)

Cost Effective	**2**
Technically Feasible	**3**
Environmentally Sound	**4**
Immediate Need	**2**
Risk Reduction	**4**

Q125

Ironwood Drive storm sewer design & construction. (Flooding)

Deleted

Q126

Ironwood Drive storm sewer design & construction. (Flooding)

Respondent skipped this question

Q127

Kauffman Avenue drainage improvements. (Flooding)

Completed

Q128

Kauffman Avenue drainage improvements. (Flooding)

Respondent skipped this question

Q129

Langview/Royal Oaks storm sewer design & construction. (Flooding)

Deleted

Q130

Langview/Royal Oaks storm sewer design & construction. (Flooding)

Respondent skipped this question

Q131

Lincoln Drive storm sewer improvements construction. (Flooding)

Deleted

Q132

Lincoln Drive storm sewer improvements construction. (Flooding)

Respondent skipped this question

Q133

Mark Lane ditch renovation. (Flooding)

Deleted

Q134

Mark Lane ditch renovation. (Flooding)

Respondent skipped this question

Q135

Pleasant View Drainage, Phase I Construction – Redbank Parallel Trunk Sewer. (Flooding)

Deleted

Q136

Pleasant View Drainage, Phase I Construction – Redbank Parallel Trunk Sewer. (Flooding)

Respondent skipped this question

Q137

Pleasant View Drainage, Phase II Construction – Dellwood Drive Sewer (Flooding)

Deleted

Q138

Pleasant View Drainage, Phase II Construction – Dellwood Drive Sewer (Flooding)

Respondent skipped this question

Q139

Pleasant View Drainage, Phase II Design – Dellwood Drive Sewer. (Flooding)

Deleted

Q140

Pleasant View Drainage, Phase II Design – Dellwood Drive Sewer. (Flooding)

Respondent skipped this question

Q141

Pleasant View Drainage, Phase III Construction – Florence Avenue Sewer. (Flooding)

Deleted

Q142

Pleasant View Drainage, Phase III Construction – Florence Avenue Sewer. (Flooding)

Respondent skipped this question

Q143

Pleasant View Drainage, Phase III Design – Florence Avenue Sewer. (Flooding)

Deleted

Q144

Pleasant View Drainage, Phase III Design – Florence Avenue Sewer. (Flooding)

Respondent skipped this question

Q145

Pleasant View Drainage, Phase IV Design & Construction – Pat Lane & NE Sewer. (Flooding)

Deleted

Q146

Pleasant View Drainage, Phase IV Design & Construction – Pat Lane & NE Sewer. (Flooding)

Respondent skipped this question

Q147

Redbank Ditch retaining wall replacement. (Flooding)

Deleted

Q148

Redbank Ditch retaining wall replacement. (Flooding)

Respondent skipped this question

Q149

Redstone Drive storm sewer design & construction. (Flooding)

Deleted

Q150

Redstone Drive storm sewer design & construction. (Flooding)

Respondent skipped this question

Q151

Seek funding for the acquisition, elevation, or retrofit of structures with repetitive loss flood insurance claims through voluntary (owner) mitigation actions. (Flooding)

Deleted

Q152

Seek funding for the acquisition, elevation, or retrofit of structures with repetitive loss flood insurance claims through voluntary (owner) mitigation actions. (Flooding)

Respondent skipped this question

Q153

Stormwater master plan. (Flooding)

Ongoing

Q154

Stormwater master plan. (Flooding)

Cost Effective	**5**
Technically Feasible	**4**
Environmentally Sound	**5**
Immediate Need	**5**
Risk Reduction	**5**

Q155

Upper Orville Street Storm Improvements Design & Construction. (Flooding)

Deleted

Q156

Upper Orville Street Storm Improvements Design & Construction. (Flooding)

Respondent skipped this question

Q157

Wrightview Park plat storm sewer. (Flooding)

Deleted

Q158

Wrightview Park plat storm sewer. (Flooding)

Respondent skipped this question

Q159

Develop and complete a periodic post- educational campaign surveys to gather citizens' perceptions of the risks associated with natural disasters and the tools and services available to the public to reduce risk (Method to measure the effectiveness of educational campaigns). (Multiple Hazards)

Deleted

Q160

Develop and complete a periodic post- educational campaign surveys to gather citizens' perceptions of the risks associated with natural disasters and the tools and services available to the public to reduce risk (Method to measure the effectiveness of educational campaigns). (Multiple Hazards)

Respondent skipped this question

Q161

Upgrade windows to high impact windows on schools. (Terrorism)

Ongoing

Q162

Upgrade windows to high impact windows on schools. (Terrorism)

Cost Effective	**4**
Technically Feasible	**5**
Environmentally Sound	**5**
Immediate Need	**5**
Risk Reduction	**5**

Q163

Seek $2.1 million in funding to install a county-wide tornado warning system complete with battery backup in communities with inadequate coverage, or no tornado siren systems. (Tornado)

Ongoing

Q164

Seek $2.1 million in funding to install a county-wide tornado warning system complete with battery backup in communities with inadequate coverage, or no tornado siren systems. (Tornado)

Cost Effective	**3**
Technically Feasible	**4**
Environmentally Sound	**5**
Immediate Need	**4**
Risk Reduction	**4**

Page 16: Required Actions: All Jurisdictions

Q232

Required New Action: Work with all jurisdictions on filling in gaps and strengthening capabilities in enacting mitigation strategies.

Cost Effective	**3**
Technically Sound	**4**
Environmentally Sound	**4**
Immediate Need	**3**
Risk Reduction	**4**

Q233

Required New Action: Ensure all eligible jurisdictions are participating in the NFIP.

Cost Effective	**3**
Technically Sound	**2**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**3**

Q234

Required New Action: Ensure all high-hazard potential dams have updated Emergency Action Plans (EAPs) in place.

Cost Effective	**1**
Technically Sound	**1**
Environmentally Sound	**1**
Immediate Need	**1**
Risk Reduction	**1**

Q235

Required New Action: Obtain or create inundation maps for all dams.

Cost Effective	**1**
Technically Sound	**1**
Environmentally Sound	**1**
Immediate Need	**1**
Risk Reduction	**1**

Page 17: New Actions

Q236

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Cost Effective	**5**
Technically Feasible	**5**
Environmentally Sound	**5**
Immediate Need	**5**
Risk Reduction	**5**
Action::	Drought and Extreme Temperatures: Develop a drought communication plan and early warning system to facilitate timely communication of relevant information to officials, decision makers, emergency managers, and the general public. Create a database to track those individuals at high risk of death, such as the elderly, homeless, etc.

Q237

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Cost Effective	**5**
Technically Feasible	**5**
Environmentally Sound	**5**
Immediate Need	**5**
Risk Reduction	**5**
Action::	Earthquake: Adopt the International Building Code (IBC) and International Residential Code (IRC).

Q238

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Cost Effective	**3**
Technically Feasible	**4**
Environmentally Sound	**5**
Immediate Need	**5**
Risk Reduction	**5**
Action::	Flooding: Establish a ”green infrastructure” program to link, manage, and expand existing parks, preserves, greenways, etc. Require developers to construct on-site retention basins for excessive stormwater and as a firefighting water source.

Q239

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Cost Effective	**5**
Technically Feasible	**5**
Environmentally Sound	**5**
Immediate Need	**5**
Risk Reduction	**5**
Comment::	Invasive Species: Coordinate with local experts, such as colleges, and/or State officials to create an invasive species mitigation plan. Identify all invasive species that are currently impacting the county and neighboring counties.

Q240

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Cost Effective	**4**
Technically Feasible	**4**
Environmentally Sound	**5**
Immediate Need	**5**
Risk Reduction	**5**
Action::	Landslides and Land Subsidence: Define steep slope/high risk areas in land use and comprehensive plans and create guidelines or restrict new development in those areas. Prohibit development in areas that have been identified as at-risk to subsidence.

Q241

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Cost Effective	**5**
Technically Feasible	**5**
Environmentally Sound	**5**
Immediate Need	**5**
Risk Reduction	**5**
Action::	Severe Summer Weather: Continue social media updates and information sharing.

Q242

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Cost Effective	**5**
Technically Feasible	**5**
Environmentally Sound	**5**
Immediate Need	**5**
Risk Reduction	**5**
Action::	Severe Winter Weather: Adopt the International Building Code (IBC) and International Residential Code (IRC). Ensure city salt supply and equipment is adequately maintained.

Q243

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Cost Effective	**5**
Technically Feasible	**5**
Environmentally Sound	**5**
Immediate Need	**5**
Risk Reduction	**5**
Action::	Tornado: Conduct tornado drills in schools and conduct monthly tornado siren testing.

Q244

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q245

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q246

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q247

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q248

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q249

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q250

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q251

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q252

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q253

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q254

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Surveys:
City of Xenia

#10

COMPLETE

Collector:	Web Link 1 (Web Link)
Started:	Tuesday, March 11, 2025 4:22:57 PM
Last Modified:	Tuesday, March 11, 2025 4:24:47 PM
Time Spent:	00:01:50
IP Address:	76.243.45.82

Page 1: Survey Instructions

Q1

Name and Organization

Name	**Jeffrey Bruggeman**
Organization/Agency	**Xenia Fire Division**
Title/Position	**Captain**
Email Address	**jbruggeman@cityofxenia.org**

Q2

City of Xenia

What Jurisdiction are answering for?

Page 2: Hazard Priorities

Q3

Hazards included in 2020 Plan

Dam/Levee Failure	**Lowest Priority**
Drought	**Lowest Priority**
Earthquakes	**Medium Priority**
Extreme Temperatures	**Medium-High Priority**
Flooding	**Medium Priority**
Hazardous Materials	**Low-Medium Priority**
Invasive Species	**Low-Medium Priority**
Landslides, Land Subsidence, and Erosion	**Lowest Priority**
Public Health Emergency (Epidemic)	**Medium-High Priority**
Severe Summer Weather	**Medium Priority**
Severe Winter Weather	**Highest Priority**
Terrorism	**Lowest Priority**
Tornadoes	**Highest Priority**
Water Quality	**Low-Medium Priority**
Wildfire	**Low-Medium Priority**

Q4

Respondent skipped this question

Please consider the following and provide any additional comments: Please consider how the hazards are grouped - Should any be made into separate categories or grouped differently? Are there any hazards not listed that you would like to see included in the 2025 Plan? Any additional comments.

Page 3: Survey Complete!

Q5

Respondent skipped this question

General Comments

#15

COMPLETE

Collector: Web Link 1 (Web Link)
Started: Monday, March 24, 2025 9:47:49 AM
Last Modified: Monday, March 24, 2025 9:51:43 AM
Time Spent: 00:03:54
IP Address: 131.187.232.10

Page 1: Survey Instructions

Q1

Name and Organization

Name	**Eric Henry**
Organization/Agency	**City of Xenia**
Title/Position	**Assistant City Manager**
Email Address	**ehenry@cityofxenia.org**

Q2

City of Xenia

What Jurisdiction are answering for?

Page 2: Hazard Priorities

Q3

Hazards included in 2020 Plan

Dam/Levee Failure	**Do not include**
Drought	**Medium Priority**
Earthquakes	**Lowest Priority**
Extreme Temperatures	**Medium-High Priority**
Flooding	**Medium Priority**
Hazardous Materials	**Medium Priority**
Invasive Species	**Medium Priority**
Landslides, Land Subsidence, and Erosion	**Lowest Priority**
Public Health Emergency (Epidemic)	**Medium-High Priority**
Severe Summer Weather	**Medium-High Priority**
Severe Winter Weather	**Medium-High Priority**
Terrorism	**Low-Medium Priority**
Tornadoes	**Highest Priority**
Water Quality	**Medium-High Priority**
Wildfire	**Lowest Priority**

Q4

Respondent skipped this question

Please consider the following and provide any additional comments: Please consider how the hazards are grouped - Should any be made into separate categories or grouped differently? Are there any hazards not listed that you would like to see included in the 2025 Plan? Any additional comments.

Page 3: Survey Complete!

Q5

Respondent skipped this question

General Comments

#6

COMPLETE

Collector: Web Link 1 (Web Link)
Started: Monday, March 24, 2025 9:51:56 AM
Last Modified: Monday, March 24, 2025 9:54:48 AM
Time Spent: 00:02:52
IP Address: 131.187.232.10

Page 1: Survey Instructions

Q1

Name and Organization

Name	**Eric Henry**
Organization/Agency	**City of Xenia**
Title/Position	**Assistant City Manager**
Email Address	**ehenry@cityofxenia.org**

Q2

For which community are you responding?

City of Xenia

Page 2: Integration Survey

Q3

How have you integrated the 2020 HMP into the Emergency Operations Plan?

No

Q4

How have you integrated the 2020 HMP into the Comprehensive Plan?

No

Q5

How have you integrated the 2020 HMP into the Capital Improvement Plan?

Yes, replacement flood wall.

Q6

How have you integrated the 2020 HMP into the Building Code?

No

Q7

How have you integrated the 2020 HMP into the Zoning Ordinances?

No

Q8

How have you integrated the 2020 HMP into the Capital Improvement Program?

See number 3.

Q9

How have you integrated the 2020 HMP into the Stormwater Management Plans?

No

Q10

How have you integrated the 2020 HMP into any other plans? If so, how.

No

Page 3: Survey Complete!

Q11 **Respondent skipped this question**

General Comments

#15

COMPLETE

Collector: Web Link 1 (Web Link)
Started: Tuesday, March 11, 2025 4:20:50 PM
Last Modified: Tuesday, March 11, 2025 4:22:37 PM
Time Spent: 00:01:46
IP Address: 76.243.45.82

Page 1: Survey Instructions

Q1

Name and Organization

Name	**Jeffrey Bruggeman**
Organization/Agency	**Xenia Fire Division**
Title/Position	**Captain**
Email Address	**jbruggeman@cityofxenia.org**

Q2

Xenia Township

For which community are you responding?

Page 2: Goals Survey

Q3

Please determine which of the previous goals, if any, should be included in the next plan.

	(no label)
Increase public awareness.	**Include**
Protect life and property.	**Include**
Create and/or strengthen partnerships.	**Include**
Create a safer environment through construction or installation projects of natural hazard safety systems.	**Include**
Reduce losses that result from the failure of High Hazard Potential Dams.	**Include**

Q4

New Goals: Please provide any goals or objectives you would like included in the Plan.

New Goal 1	**Prepare for extreme weather events**

Q5

Respondent skipped this question

Please provide any additional comments related to these goals in the space below.

Page 3: Survey Complete!

Q6

Respondent skipped this question

General Comments

#5

COMPLETE

Collector:	Web Link 1 (Web Link)
Started:	Tuesday, March 11, 2025 4:25:25 PM
Last Modified:	Tuesday, March 11, 2025 4:36:03 PM
Time Spent:	00:10:38
IP Address:	76.243.45.82

Page 1: Survey Description

Q1

Contact Information

Name	**Jeffrey Bruggeman**
Organization/Agency	**Xenia Fire Division**
Title/Position	**Captain**
Email Address	**jbruggeman@cityofxenia.org**

Q2

Which jurisdiction do you represent?

City of Xenia

Page 7: Mitigation Actions: City of Xenia

Q219

Seek funding for, prioritize and remove and/or relocate at-risk structures or construction of improved or new storm drainage systems or levees to protect at- risk structures. (Dam/Levee Failure)

Ongoing

Q220

Seek funding for, prioritize and remove and/or relocate at-risk structures or construction of improved or new storm drainage systems or levees to protect at- risk structures. (Dam/Levee Failure)

Cost Effective	**3**
Technically Feasible	**3**
Environmentally Sound	**4**
Immediate Need	**2**
Risk Reduction	**2**

Q221

Establish a Flood Diversion program for roads in Greene County using the Hyper Reach mass notification system. (Flooding)

Ongoing

Q222

Establish a Flood Diversion program for roads in Greene County using the Hyper Reach mass notification system. (Flooding)

Cost Effective	**5**
Technically Feasible	**3**
Environmentally Sound	**3**
Immediate Need	**4**
Risk Reduction	**4**

Q223

Identify at-risk structures in Special Flood Hazard Area. (Flooding)

Ongoing

Q224

Identify at-risk structures in Special Flood Hazard Area. (Flooding)

Cost Effective	**4**
Technically Feasible	**4**
Environmentally Sound	**4**
Immediate Need	**3**
Risk Reduction	**4**

Q225

Rehabilitate/reconstruct E. Third Street Retaining Wall to avoid further erosion and prevent structure(s) from vulnerability to flooding. (Flooding)

Ongoing

Q226

Rehabilitate/reconstruct E. Third Street Retaining Wall to avoid further erosion and prevent structure(s) from vulnerability to flooding. (Flooding)

Respondent skipped this question

Q227	**Ongoing**
Seek funding for the acquisition, elevation, or retrofit of structures with repetitive loss flood insurance claims through voluntary (owner) mitigation actions. (Flooding)	

Q228

Seek funding for the acquisition, elevation, or retrofit of structures with repetitive loss flood insurance claims through voluntary (owner) mitigation actions. (Flooding)

Cost Effective	**3**
Technically Feasible	**3**
Environmentally Sound	**4**
Immediate Need	**3**
Risk Reduction	**4**

Q229	**Ongoing**
Support tree-trimming to prevent limb breakage and safeguard nearby utility lines during severe storm events. (Utility Failure)	

Q230

Support tree-trimming to prevent limb breakage and safeguard nearby utility lines during severe storm events. (Utility Failure)

Cost Effective	**4**
Technically Feasible	**4**
Environmentally Sound	**5**
Immediate Need	**5**
Risk Reduction	**5**

Q231	**Ongoing**
Sycamore Street property acquisitions (3 structures and 5 parcels of land that are prone to flooding). (Flooding)	

Q232

Sycamore Street property acquisitions (3 structures and 5 parcels of land that are prone to flooding). (Flooding)

Cost Effective	**2**
Technically Feasible	**4**
Environmentally Sound	**4**
Immediate Need	**3**
Risk Reduction	**5**

Q233 **Ongoing**

Develop and complete a periodic post- educational campaign surveys to gather citizens' perceptions of the risks associated with natural disasters and the tools and services available to the public to reduce risk (Method to measure the effectiveness of educational campaigns). (Multiple Hazards)

Q234

Develop and complete a periodic post- educational campaign surveys to gather citizens' perceptions of the risks associated with natural disasters and the tools and services available to the public to reduce risk (Method to measure the effectiveness of educational campaigns). (Multiple Hazards)

Cost Effective	**4**
Technically Feasible	**4**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**3**

Q235 **Ongoing**

Upgrade windows to high impact windows on schools. (Terrorism)

Q236

Upgrade windows to high impact windows on schools. (Terrorism)

Cost Effective	**1**
Technically Feasible	**5**
Environmentally Sound	**3**
Immediate Need	**4**
Risk Reduction	**5**

Q237	Ongoing
Seek $2.1 million in funding to install a county-wide tornado warning system complete with battery backup in communities with inadequate coverage, or no tornado siren systems. (Tornado)	

Q238

Seek $2.1 million in funding to install a county-wide tornado warning system complete with battery backup in communities with inadequate coverage, or no tornado siren systems. (Tornado)

Cost Effective	**5**
Technically Feasible	**5**
Environmentally Sound	**5**
Immediate Need	**5**
Risk Reduction	**5**

#22

COMPLETE

Collector: Web Link 1 (Web Link)
Started: Monday, March 24, 2025 9:44:01 AM
Last Modified: Monday, March 24, 2025 9:47:42 AM
Time Spent: 00:03:41
IP Address: 131.187.232.10

Page 1: Survey Instructions

Q1

Name and Organization

Name	**Eric Henry**
Organization/Agency	**City of Xenia**
Title/Position	**Assistant City Manager**
Email Address	**ehenry@cityofxenia.org**

Q2

City of Xenia

For which community are you responding?

Page 2: Goals Survey

Q3

Please determine which of the previous goals, if any, should be included in the next plan.

	(no label)
Increase public awareness.	**Include**
Protect life and property.	**Include**
Create and/or strengthen partnerships.	**Include**
Create a safer environment through construction or installation projects of natural hazard safety systems.	**Include**
Reduce losses that result from the failure of High Hazard Potential Dams.	

Q4

New Goals: Please provide any goals or objectives you would like included in the Plan.

New Goal 1	**Increase capacity for Emergency Services**

Q5

Please provide any additional comments related to these goals in the space below.

Increasing population, but very little growth for emergency services personnel.

Page 3: Survey Complete!

Q6 **Respondent skipped this question**

General Comments

#3

COMPLETE

Collector: Web Link 1 (Web Link)
Started: Tuesday, March 11, 2025 4:36:12 PM
Last Modified: Tuesday, March 11, 2025 4:37:55 PM
Time Spent: 00:01:43
IP Address: 76.243.45.82

Page 1: Survey Instructions

Q1

Name and Organization

Name	**Jeffrey Bruggeman**
Organization/Agency	**Xenia Fire Division**
Title/Position	**Captain**
Email Address	**jbruggeman@cityofxenia.org**

Q2

For which community are you responding?

City of Xenia

Page 2: Integration Survey

Q3

How have you integrated the 2020 HMP into the Emergency Operations Plan?

Respondent skipped this question

Q4

How have you integrated the 2020 HMP into the Comprehensive Plan?

Respondent skipped this question

Q5

How have you integrated the 2020 HMP into the Capital Improvement Plan?

Respondent skipped this question

Q6

How have you integrated the 2020 HMP into the Building Code?

Respondent skipped this question

Q7

How have you integrated the 2020 HMP into the Zoning Ordinances?

Respondent skipped this question

Q8

How have you integrated the 2020 HMP into the Capital Improvement Program?

Respondent skipped this question

Q9

How have you integrated the 2020 HMP into the Stormwater Management Plans?

Respondent skipped this question

Q10

How have you integrated the 2020 HMP into any other plans? If so, how.

Respondent skipped this question

Page 3: Survey Complete!

Q11

General Comments

Respondent skipped this question

#18

COMPLETE

Collector: Web Link 1 (Web Link)
Started: Thursday, April 10, 2025 8:20:28 AM
Last Modified: Thursday, April 10, 2025 8:21:51 AM
Time Spent: 00:01:22
IP Address: 147.0.47.250

Page 1: Survey Instructions

Q1

Name and Organization

Name	**Anthony Bizzarro**
Organization/Agency	**City of Bellbrook**
Title/Position	**Fire Chief**
Email Address	**a.bizzarro@bellbrook.gov**

Q2

City of Bellbrook

What Jurisdiction are answering for?

Page 2: Hazard Priorities

Q3

Hazards included in 2020 Plan

Dam/Levee Failure	**Do not include**
Drought	**Lowest Priority**
Earthquakes	**Do not include**
Extreme Temperatures	**Do not include**
Flooding	**Lowest Priority**
Hazardous Materials	**Lowest Priority**
Invasive Species	**Lowest Priority**
Landslides, Land Subsidence, and Erosion	**Do not include**
Public Health Emergency (Epidemic)	**Lowest Priority**
Severe Summer Weather	**Lowest Priority**
Severe Winter Weather	**Lowest Priority**
Terrorism	**Lowest Priority**
Tornadoes	**Do not include**
Water Quality	**Do not include**
Wildfire	**Do not include**

Q4

Respondent skipped this question

Please consider the following and provide any additional comments: Please consider how the hazards are grouped - Should any be made into separate categories or grouped differently? Are there any hazards not listed that you would like to see included in the 2025 Plan? Any additional comments.

Page 3: Survey Complete!

Q5

Respondent skipped this question

General Comments

Surveys: Village of Bowersville

#23

COMPLETE

Collector:	Web Link 1 (Web Link)
Started:	Monday, July 28, 2025 3:09:57 PM
Last Modified:	Monday, July 28, 2025 3:20:17 PM
Time Spent:	00:10:19
IP Address:	98.30.181.33

Page 1: Survey Description

Q1

Contact Information

Name	**Gary Ellison**
Organization/Agency	**Bowersville Village**
Title/Position	**Mayor**
Email Address	**g.elly@outlook.com**

Q2 **Yes**

Did you complete the Previous Mitigation Action Survey?

Page 2: Jurisdiction

Q3 **Village of Bowersville**

Which jurisdiction do you represent?

Page 3: Jurisdiction

Q4 **Respondent skipped this question**

Which jurisdiction do you represent?

Page 10: Mitigation Actions: Village of Bowersville

Q175 **Completed**

Seek funding for, prioritize and remove and/or relocate at-risk structures or construction of improved or new storm drainage systems or levees to protect at- risk structures. (Dam/Levee Failure)

Q176

Seek funding for, prioritize and remove and/or relocate at-risk structures or construction of improved or new storm drainage systems or levees to protect at- risk structures. (Dam/Levee Failure)

Cost Effective	**1**
Technically Feasible	**1**
Environmentally Sound	**1**
Immediate Need	**1**
Risk Reduction	**1**

Q177 **Deleted**

Establish a Flood Diversion program for roads in Greene County using the Hyper Reach mass notification system. (Flooding)

Q178

Establish a Flood Diversion program for roads in Greene County using the Hyper Reach mass notification system. (Flooding)

Cost Effective	**2**
Technically Feasible	**2**
Environmentally Sound	**2**
Immediate Need	**2**
Risk Reduction	**2**

Q179 **Deleted**

Identify at-risk structures in Special Flood Hazard Area. (Flooding)

Q180

Identify at-risk structures in Special Flood Hazard Area. (Flooding)

Cost Effective	**1**
Technically Feasible	**1**
Environmentally Sound	**1**
Immediate Need	**1**
Risk Reduction	**1**

Q181 **Deleted**

Develop and complete a periodic post- educational campaign surveys to gather citizens' perceptions of the risks associated with natural disasters and the tools and services available to the public to reduce risk (Method to measure the effectiveness of educational campaigns). (Multiple Hazards)

Q182

Develop and complete a periodic post- educational campaign surveys to gather citizens' perceptions of the risks associated with natural disasters and the tools and services available to the public to reduce risk (Method to measure the effectiveness of educational campaigns). (Multiple Hazards)

Cost Effective	**3**
Technically Feasible	**3**
Environmentally Sound	**3**
Immediate Need	**2**
Risk Reduction	**1**

Q183 **Deleted**

Upgrade windows to high impact windows on schools. (Terrorism)

Q184

Upgrade windows to high impact windows on schools. (Terrorism)

Cost Effective	**1**
Technically Feasible	**1**
Environmentally Sound	**1**
Immediate Need	**1**
Risk Reduction	**1**

Q185 **Ongoing**

Install a tornado siren in the center of town on the corner of Maysville St. and Hussey Rd. (Tornado)

Q186

Install a tornado siren in the center of town on the corner of Maysville St. and Hussey Rd. (Tornado)

Cost Effective	**3**
Technically Feasible	**5**
Environmentally Sound	**5**
Immediate Need	**3**
Risk Reduction	**5**

Q187 **Ongoing**

Seek $2.1 million in funding to install a county-wide tornado warning system complete with battery backup in communities with inadequate coverage, or no tornado siren systems. (Tornado)

Q188

Seek $2.1 million in funding to install a county-wide tornado warning system complete with battery backup in communities with inadequate coverage, or no tornado siren systems. (Tornado)

Cost Effective	**2**
Technically Feasible	**3**
Environmentally Sound	**3**
Immediate Need	**2**
Risk Reduction	**3**

Page 16: Required Actions: All Jurisdictions

Q232

Required New Action: Work with all jurisdictions on filling in gaps and strengthening capabilities in enacting mitigation strategies.

Cost Effective	**4**
Technically Sound	**4**
Environmentally Sound	**4**
Immediate Need	**2**
Risk Reduction	**4**

Q233

Required New Action: Ensure all eligible jurisdictions are participating in the NFIP.

Cost Effective	**3**
Technically Sound	**3**
Environmentally Sound	**3**
Immediate Need	**2**
Risk Reduction	**3**

Q234

Respondent skipped this question

Required New Action: Ensure all high-hazard potential dams have updated Emergency Action Plans (EAPs) in place.

Q235

Respondent skipped this question

Required New Action: Obtain or create inundation maps for all dams.

Page 17: New Actions

Q236

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Cost Effective	**1**
Technically Feasible	**1**
Environmentally Sound	**1**
Immediate Need	**1**
Risk Reduction	**1**

Q237

Respondent skipped this question

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Q238

Respondent skipped this question

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Q239

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q240

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q241

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q242

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q243

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q244

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q245

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q246

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q247

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q248

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q249

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q250

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q251

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q252

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q253

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q254

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

#30

COMPLETE

Collector:	Web Link 1 (Web Link)
Started:	Monday, July 28, 2025 3:02:05 PM
Last Modified:	Monday, July 28, 2025 3:04:19 PM
Time Spent:	00:02:13
IP Address:	98.30.181.33

Page 1: Survey Instructions

Q1

Name and Organization

Name	**Gary Ellison**
Organization/Agency	**Bowersville Village**
Title/Position	**Mayor**
Email Address	**g.elly@outlook.com**

Q2

Village of Bowersville

What Jurisdiction are answering for?

Page 2: Hazard Priorities

Q3

Hazards included in 2020 Plan

Dam/Levee Failure	**Do not include**
Drought	**Low-Medium Priority**
Earthquakes	**Low-Medium Priority**
Extreme Temperatures	**Low-Medium Priority**
Flooding	**Lowest Priority**
Hazardous Materials	**Low-Medium Priority**
Invasive Species	**Lowest Priority**
Landslides, Land Subsidence, and Erosion	**Lowest Priority**
Public Health Emergency (Epidemic)	**Low-Medium Priority**
Severe Summer Weather	**Lowest Priority**
Severe Winter Weather	**Low-Medium Priority**
Terrorism	**Lowest Priority**
Tornadoes	**Low-Medium Priority**
Water Quality	**Medium-High Priority**
Wildfire	**Lowest Priority**

Q4

Respondent skipped this question

Please consider the following and provide any additional comments: Please consider how the hazards are grouped - Should any be made into separate categories or grouped differently? Are there any hazards not listed that you would like to see included in the 2025 Plan? Any additional comments.

Page 3: Survey Complete!

Q5

Respondent skipped this question

General Comments

#39

COMPLETE

Collector:	Web Link 1 (Web Link)
Started:	Monday, July 28, 2025 2:57:04 PM
Last Modified:	Monday, July 28, 2025 2:59:49 PM
Time Spent:	00:02:45
IP Address:	98.30.181.33

Page 1: Survey Instructions

Q1

Name and Organization

Name	**Gary Ellison Ellison**
Organization/Agency	**Bowersville Village**
Title/Position	**Mayor**
Email Address	**g.elly@outlook.com**

Q2

For which community are you responding?

Village of Bowersville

Page 2: Goals Survey

Q3

Please determine which of the previous goals, if any, should be included in the next plan.

	(no label)
Increase public awareness.	**Include**
Protect life and property.	**Include**
Create and/or strengthen partnerships.	**Include**
Create a safer environment through construction or installation projects of natural hazard safety systems.	
Reduce losses that result from the failure of High Hazard Potential Dams.	

Q4

New Goals: Please provide any goals or objectives you would like included in the Plan.

Respondent skipped this question

Q5

Respondent skipped this question

Please provide any additional comments related to these goals in the space below.

Page 3: Survey Complete!

Q6

Respondent skipped this question

General Comments

#18

COMPLETE

Collector:	Web Link 1 (Web Link)
Started:	Friday, June 20, 2025 8:19:43 AM
Last Modified:	Friday, June 20, 2025 8:23:35 AM
Time Spent:	00:03:51
IP Address:	131.187.232.10

Page 1: Survey Description

Q1

Contact Information

Name	**Eric Henry**
Organization/Agency	**City of Xenia**
Title/Position	**Assistant City Manager**
Email Address	**ehenry@cityofxenia.org**

Q2 **Yes**

Did you complete the Previous Mitigation Action Survey?

Page 2: Jurisdiction

Q3 **City of Xenia**

Which jurisdiction do you represent?

Page 3: Jurisdiction

Q4 **Respondent skipped this question**

Which jurisdiction do you represent?

Page 16: Required Actions: All Jurisdictions

Q232

Required New Action: Work with all jurisdictions on filling in gaps and strengthening capabilities in enacting mitigation strategies.

Cost Effective	**3**
Technically Sound	**3**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**3**

Q233

Required New Action: Ensure all eligible jurisdictions are participating in the NFIP.

Cost Effective	**3**
Technically Sound	**3**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**3**

Q234

Required New Action: Ensure all high-hazard potential dams have updated Emergency Action Plans (EAPs) in place.

Cost Effective	**1**
Technically Sound	**2**
Environmentally Sound	**3**
Immediate Need	**1**
Risk Reduction	**1**

Q235

Required New Action: Obtain or create inundation maps for all dams.

Cost Effective	**3**
Technically Sound	**3**
Environmentally Sound	**3**
Immediate Need	**1**
Risk Reduction	**1**

Page 17: New Actions

Q236

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Cost Effective	**5**
Technically Feasible	**5**
Environmentally Sound	**5**
Immediate Need	**5**
Risk Reduction	**5**

Q237

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q238

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q239

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q240

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q241

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q242

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q243

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q244

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q245

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q246

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q247

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q248

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q249

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q250

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q251

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q252

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q253

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q254

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Cost Effective	**3**
Technically Feasible	**3**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**3**

Surveys: Village of Cedarville

#37

COMPLETE

Collector:	Web Link 1 (Web Link)
Started:	Thursday, July 24, 2025 9:06:35 AM
Last Modified:	Thursday, July 24, 2025 9:09:22 AM
Time Spent:	00:02:46
IP Address:	162.155.157.126

Page 1: Survey Instructions

Q1

Name and Organization

Name	**Brady Smith**
Organization/Agency	**Cedarville PD**
Title/Position	**Chief**
Email Address	**policechief@cedarville.us**

Q2

Village of Cedarville

For which community are you responding?

Page 2: Goals Survey

Q3

Please determine which of the previous goals, if any, should be included in the next plan.

	(no label)
Increase public awareness.	**Include**
Protect life and property.	**Include**
Create and/or strengthen partnerships.	**Include**
Create a safer environment through construction or installation projects of natural hazard safety systems.	**Include**
Reduce losses that result from the failure of High Hazard Potential Dams.	**Include**

Q4

Respondent skipped this question

New Goals: Please provide any goals or objectives you would like included in the Plan.

Q5

Respondent skipped this question

Please provide any additional comments related to these goals in the space below.

Page 3: Survey Complete!

Q6

Respondent skipped this question

General Comments

#38

COMPLETE

Collector:	Web Link 1 (Web Link)
Started:	Thursday, July 24, 2025 9:11:43 AM
Last Modified:	Thursday, July 24, 2025 9:17:29 AM
Time Spent:	00:05:45
IP Address:	162.207.27.138

Page 1: Survey Instructions

Q1

Name and Organization

Name	**James Kannedy**
Organization/Agency	**Village of Cedarville**
Title/Position	**Administrator**
Email Address	**villageadministrator@cedarville.us**

Q2

Village of Cedarville

For which community are you responding?

Page 2: Goals Survey

Q3

Please determine which of the previous goals, if any, should be included in the next plan.

	(no label)
Increase public awareness.	**Include**
Protect life and property.	**Include**
Create and/or strengthen partnerships.	**Include**
Create a safer environment through construction or installation projects of natural hazard safety systems.	**Include**
Reduce losses that result from the failure of High Hazard Potential Dams.	**Include**

Q4

New Goals: Please provide any goals or objectives you would like included in the Plan.

New Goal 1	**High Hazard Potential Dam elemination**

Q5

Please provide any additional comments related to these goals in the space below.

N/A

Page 3: Survey Complete!

Q6

General Comments

N/A

#28

COMPLETE

Collector:	Web Link 1 (Web Link)
Started:	Thursday, July 24, 2025 9:09:34 AM
Last Modified:	Thursday, July 24, 2025 9:12:07 AM
Time Spent:	00:02:33
IP Address:	162.155.157.126

Page 1: Survey Instructions

Q1

Name and Organization

Name	**Brady Smith**
Organization/Agency	**Cedarville PD**
Title/Position	**Chief**
Email Address	**policechief@cedarville.us**

Q2

Village of Cedarville

What Jurisdiction are answering for?

Page 2: Hazard Priorities

Q3

Hazards included in 2020 Plan

Dam/Levee Failure	**Medium-High Priority**
Drought	**Low-Medium Priority**
Earthquakes	**Low-Medium Priority**
Extreme Temperatures	**Medium Priority**
Flooding	**Medium-High Priority**
Hazardous Materials	**Medium-High Priority**
Invasive Species	**Lowest Priority**
Landslides, Land Subsidence, and Erosion	**Lowest Priority**
Public Health Emergency (Epidemic)	**Medium Priority**
Severe Summer Weather	**Medium-High Priority**
Severe Winter Weather	**Medium-High Priority**
Terrorism	**Low-Medium Priority**
Tornadoes	**Medium-High Priority**
Water Quality	**Medium-High Priority**
Wildfire	**Lowest Priority**

Q4

Respondent skipped this question

Please consider the following and provide any additional comments: Please consider how the hazards are grouped - Should any be made into separate categories or grouped differently? Are there any hazards not listed that you would like to see included in the 2025 Plan? Any additional comments.

Page 3: Survey Complete!

Q5

Respondent skipped this question

General Comments

#29

COMPLETE

Collector:	Web Link 1 (Web Link)
Started:	Thursday, July 24, 2025 9:32:06 AM
Last Modified:	Thursday, July 24, 2025 11:54:32 AM
Time Spent:	02:22:25
IP Address:	162.207.27.138

Page 1: Survey Instructions

Q1

Name and Organization

Name	**James Kannedy**
Organization/Agency	**Village of Cedarville**
Title/Position	**Administrator**
Email Address	**villageadministraor@cedarville.us**

Q2

Village of Cedarville

What Jurisdiction are answering for?

Page 2: Hazard Priorities

Q3

Hazards included in 2020 Plan

Dam/Levee Failure	**Highest Priority**
Drought	**Do not include**
Earthquakes	**Do not include**
Extreme Temperatures	**Do not include**
Flooding	**Do not include**
Hazardous Materials	**Do not include**
Invasive Species	**Low-Medium Priority**
Landslides, Land Subsidence, and Erosion	**Do not include**
Public Health Emergency (Epidemic)	**Do not include**
Severe Summer Weather	**Do not include**
Severe Winter Weather	**Do not include**
Tornadoes	**Highest Priority**
Water Quality	**Do not include**
Wildfire	**Do not include**

Q4

Please consider the following and provide any additional comments: Please consider how the hazards are grouped - Should any be made into separate categories or grouped differently? Are there any hazards not listed that you would like to see included in the 2025 Plan? Any additional comments.

N/A

Page 3: Survey Complete!

Q5 **Respondent skipped this question**

General Comments

#21

COMPLETE

Collector:	Web Link 1 (Web Link)
Started:	Thursday, July 24, 2025 9:14:14 AM
Last Modified:	Thursday, July 24, 2025 11:53:12 AM
Time Spent:	02:38:57
IP Address:	162.155.157.126

Page 1: Survey Description

Q1

Contact Information

Name	**Brady Smith**
Organization/Agency	**Cedarville PD**
Title/Position	**Chief**
Email Address	**policechief@cedarville.us**

Q2 **Yes**

Did you complete the Previous Mitigation Action Survey?

Page 2: Jurisdiction

Q3 **Village of Cedarville**

Which jurisdiction do you represent?

Page 3: Jurisdiction

Q4 **Respondent skipped this question**

Which jurisdiction do you represent?

Page 11: Mitigation Actions: Village of Cedarville

Q189 **Ongoing**

Push in the old water retention reservoir that is no longer in use. It is a breeding area for rodents and mosquitoes and a drowning risk for area youth. (Dam/Levee Failure)

Q190

Push in the old water retention reservoir that is no longer in use. It is a breeding area for rodents and mosquitoes and a drowning risk for area youth. (Dam/Levee Failure)

Cost Effective	**5**
Technically Feasible	**5**
Environmentally Sound	**5**
Immediate Need	**5**
Risk Reduction	**5**

Q191 **Deleted**

Widen the culvert from SR 72 to West Xenia Ave. It is insufficient, needs to be 36 inches. (Flooding)

Q192 **Respondent skipped this question**

Widen the culvert from SR 72 to West Xenia Ave. It is insufficient, needs to be 36 inches. (Flooding)

Q193 **Ongoing**

Village administrative building that can double as shelter from tornadoes for community members and a command center for disasters and other emergencies that occur in the Village or the eastern half of Greene County. (Tornado)

Q194

Village administrative building that can double as shelter from tornadoes for community members and a command center for disasters and other emergencies that occur in the Village or the eastern half of Greene County. (Tornado)

Cost Effective	**5**
Technically Feasible	**5**
Environmentally Sound	**5**
Immediate Need	**5**
Risk Reduction	**5**

Page 16: Required Actions: All Jurisdictions

Q232

Required New Action: Work with all jurisdictions on filling in gaps and strengthening capabilities in enacting mitigation strategies.

Cost Effective	**3**
Technically Sound	**3**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**3**

Q233

Required New Action: Ensure all eligible jurisdictions are participating in the NFIP.

Cost Effective	**3**
Technically Sound	**3**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**3**

Q234

Required New Action: Ensure all high-hazard potential dams have updated Emergency Action Plans (EAPs) in place.

Cost Effective	**3**
Technically Sound	**3**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**3**

Q235

Required New Action: Obtain or create inundation maps for all dams.

Cost Effective	**3**
Technically Sound	**3**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**3**

Page 17: New Actions

Q236

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Action::	Nothing at this time

Q237

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q238

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q239

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q240

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q241

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q242

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q243

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q244

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q245

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q246

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q247

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q248

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q249

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q250

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q251

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q252

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q253

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q254

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

#22

COMPLETE

Collector:	Web Link 1 (Web Link)
Started:	Thursday, July 24, 2025 9:18:04 AM
Last Modified:	Thursday, July 24, 2025 11:53:49 AM
Time Spent:	02:35:44
IP Address:	162.207.27.138

Page 1: Survey Description

Q1

Contact Information

Name	**James Kannedy**
Organization/Agency	**Village of Cedarville**
Title/Position	**Administrator**
Email Address	**villageadministrator@cedarville.us**

Q2 **Respondent skipped this question**

Did you complete the Previous Mitigation Action Survey?

Page 2: Jurisdiction

Q3 **Village of Cedarville**

Which jurisdiction do you represent?

Page 3: Jurisdiction

Q4 **Respondent skipped this question**

Which jurisdiction do you represent?

Page 11: Mitigation Actions: Village of Cedarville

Q189 **Ongoing**

Push in the old water retention reservoir that is no longer in use. It is a breeding area for rodents and mosquitoes and a drowning risk for area youth. (Dam/Levee Failure)

Q190

Push in the old water retention reservoir that is no longer in use. It is a breeding area for rodents and mosquitoes and a drowning risk for area youth. (Dam/Levee Failure)

Cost Effective	**5**
Technically Feasible	**5**
Environmentally Sound	**5**
Immediate Need	**5**
Risk Reduction	**5**
Comment::	In process continueing.

Q191 **Deleted**

Widen the culvert from SR 72 to West Xenia Ave. It is insufficient, needs to be 36 inches. (Flooding)

Q192 **Respondent skipped this question**

Widen the culvert from SR 72 to West Xenia Ave. It is insufficient, needs to be 36 inches. (Flooding)

Q193 **Ongoing**

Village administrative building that can double as shelter from tornadoes for community members and a command center for disasters and other emergencies that occur in the Village or the eastern half of Greene County. (Tornado)

Q194

Village administrative building that can double as shelter from tornadoes for community members and a command center for disasters and other emergencies that occur in the Village or the eastern half of Greene County. (Tornado)

Cost Effective	**5**
Technically Feasible	**5**
Environmentally Sound	**5**
Immediate Need	**5**
Risk Reduction	**5**

Page 16: Required Actions: All Jurisdictions

Q232

Required New Action: Work with all jurisdictions on filling in gaps and strengthening capabilities in enacting mitigation strategies.

Cost Effective	**3**
Technically Sound	**3**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**3**

Q233

Required New Action: Ensure all eligible jurisdictions are participating in the NFIP.

Cost Effective	**3**
Technically Sound	**3**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**3**

Q234

Required New Action: Ensure all high-hazard potential dams have updated Emergency Action Plans (EAPs) in place.

Cost Effective	**3**
Technically Sound	**3**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**3**

Q235

Required New Action: Obtain or create inundation maps for all dams.

Cost Effective	**3**
Technically Sound	**3**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**3**

Page 17: New Actions

Q236

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Action::	None at this time

Q237

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Action::	Not at this time

Q238

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Action::	Not at this time

Q239

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Comment::	Not at this time

Q240

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Action::	Not at this time

Q241

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Action::	Not at this time

Q242

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Action::	Not at this time

Q243

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Action:: Not at this time

Q244

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Action:: Not at this time

Q245

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Action:: Not at this time

Q246

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Action:: Not at this time

Q247

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Action:: Not at this time

Q248

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Action:: Not at this time

Q249

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Action:: Not at this time

Q250

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Action::	Not at this time

Q251

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Action::	Not at this time

Q252

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Action::	Not at this time

Q253

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Action::	Not at this time

Q254

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Action::	Not at this time

#6

COMPLETE

Collector:	Web Link 1 (Web Link)
Started:	Tuesday, March 11, 2025 1:52:17 PM
Last Modified:	Tuesday, March 11, 2025 1:54:14 PM
Time Spent:	00:01:57
IP Address:	66.203.31.80

Page 1: Survey Instructions

Q1

Name and Organization

Name	**Brian Masser**
Organization/Agency	**Cedar Cliff Local School District**
Title/Position	**Superintendent**
Email Address	**bmasser@ccliff.net**

Q2

Village of Cedarville

What Jurisdiction are answering for?

Page 2: Hazard Priorities

Q3

Hazards included in 2020 Plan

Dam/Levee Failure	**Low-Medium Priority**
Drought	**Medium-High Priority**
Earthquakes	**Do not include**
Extreme Temperatures	**Do not include**
Flooding	**Medium-High Priority**
Hazardous Materials	**Medium Priority**
Invasive Species	**Lowest Priority**
Landslides, Land Subsidence, and Erosion	**Lowest Priority**
Public Health Emergency (Epidemic)	**Medium Priority**
Severe Summer Weather	**Medium Priority**
Severe Winter Weather	**Highest Priority**
Terrorism	**Medium Priority**
Tornadoes	**Highest Priority**
Water Quality	**Highest Priority**
Wildfire	**Lowest Priority**

Q4

Respondent skipped this question

Please consider the following and provide any additional comments: Please consider how the hazards are grouped - Should any be made into separate categories or grouped differently? Are there any hazards not listed that you would like to see included in the 2025 Plan? Any additional comments.

Page 3: Survey Complete!

Q5

Respondent skipped this question

General Comments

#2

COMPLETE

Collector: Web Link 1 (Web Link)
Started: Tuesday, March 11, 2025 1:56:04 PM
Last Modified: Tuesday, March 11, 2025 1:57:04 PM
Time Spent: 00:00:59
IP Address: 66.203.31.80

Page 1: Survey Instructions

Q1

Name and Organization

Name	**Brian Masser**
Organization/Agency	**Cedar Cliff Local School District**
Title/Position	**Superintendent**
Email Address	**bmasser@ccliff.net**

Q2

For which community are you responding?

Village of Cedarville

Page 2: Integration Survey

Q3

How have you integrated the 2020 HMP into the Emergency Operations Plan?

Unknown; new to position

Q4

How have you integrated the 2020 HMP into the Comprehensive Plan?

Unknown; new to position

Q5

How have you integrated the 2020 HMP into the Capital Improvement Plan?

Unknown; new to position

Q6

How have you integrated the 2020 HMP into the Building Code?

Unknown; new to position

Q7

How have you integrated the 2020 HMP into the Zoning Ordinances?

Unknown; new to position

Q8

How have you integrated the 2020 HMP into the Capital Improvement Program?

Unknown; new to position

Q9

How have you integrated the 2020 HMP into the Stormwater Management Plans?

Unknown; new to position

Q10

How have you integrated the 2020 HMP into any other plans? If so, how.

Unknown; new to position

Page 3: Survey Complete!

Q11 **Respondent skipped this question**

General Comments

#12

COMPLETE

Collector: Web Link 1 (Web Link)
Started: Tuesday, March 11, 2025 1:32:04 PM
Last Modified: Tuesday, March 11, 2025 1:52:07 PM
Time Spent: 00:20:03
IP Address: 66.203.31.80

Page 1: Survey Instructions

Q1

Name and Organization

Name	**Brian**
Organization/Agency	**Cedar Cliff Local School District**
Title/Position	**Superintendent**
Email Address	**bmasser@ccliff.net**

Q2

Village of Cedarville

For which community are you responding?

Page 2: Goals Survey

Q3

Please determine which of the previous goals, if any, should be included in the next plan.

	(no label)
Increase public awareness.	**Include**
Protect life and property.	**Include**
Create and/or strengthen partnerships.	**Include**
Create a safer environment through construction or installation projects of natural hazard safety systems.	**Include**
Reduce losses that result from the failure of High Hazard Potential Dams.	**Include**

Q4

New Goals: Please provide any goals or objectives you would like included in the Plan.

New Goal 1	**Goal related to active shooter/intruder situations**

Q5

Please provide any additional comments related to these goals in the space below.

Don't know enough about high hazard potential dams in the area to know how valuable this goal is to our area

Page 3: Survey Complete!

Q6 **Respondent skipped this question**

General Comments

#3

COMPLETE

Collector: Web Link 1 (Web Link)
Started: Tuesday, March 11, 2025 1:54:23 PM
Last Modified: Tuesday, March 11, 2025 1:55:55 PM
Time Spent: 00:01:31
IP Address: 66.203.31.80

Page 1: Survey Description

Q1

Contact Information

Name	**Brian Masser**
Organization/Agency	**Cedar Cliff Local School District**
Title/Position	**Superintendent**
Email Address	**bmasser@ccliff.net**

Q2

Village of Cedarville

Which jurisdiction do you represent?

Page 9: Mitigation Actions: Village of Cedarville

Q253

Respondent skipped this question

Push in the old water retention reservoir that is no longer in use. It is a breeding area for rodents and mosquitoes and a drowning risk for area youth. (Dam/Levee Failure)

Q254

Push in the old water retention reservoir that is no longer in use. It is a breeding area for rodents and mosquitoes and a drowning risk for area youth. (Dam/Levee Failure)

Comment:: No knowledge of this

Q255

Respondent skipped this question

Widen the culvert from SR 72 to West Xenia Ave. It is insufficient, needs to be 36 inches. (Flooding)

Q256

Widen the culvert from SR 72 to West Xenia Ave. It is insufficient, needs to be 36 inches. (Flooding)

Comment:: No knowledge of this

Q257 **Respondent skipped this question**

Village administrative building that can double as shelter from tornadoes for community members and a command center for disasters and other emergencies that occur in the Village or the eastern half of Greene County. (Tornado)

Q258

Village administrative building that can double as shelter from tornadoes for community members and a command center for disasters and other emergencies that occur in the Village or the eastern half of Greene County. (Tornado)

Comment:: No knowledge of this

Surveys:
Village of Clifton

#15

COMPLETE

Collector:	Web Link 1 (Web Link)
Started:	Wednesday, May 14, 2025 2:54:08 PM
Last Modified:	Wednesday, May 14, 2025 3:31:39 PM
Time Spent:	00:37:31
IP Address:	70.92.122.182

Page 1: Survey Description

Q1

Contact Information

Name	**Sue Chasnov**
Organization/Agency	**Village of Clifton**
Title/Position	**Clerk-Treasurer**
Email Address	**suechasnov@gmail.com**

Q2 **Yes**

Did you complete the Previous Mitigation Action Survey?

Page 2: Jurisdiction

Q3 **Village of Clifton**

Which jurisdiction do you represent?

Page 3: Jurisdiction

Q4 **Respondent skipped this question**

Which jurisdiction do you represent?

Page 16: Required Actions: All Jurisdictions

Q232

Required New Action: Work with all jurisdictions on filling in gaps and strengthening capabilities in enacting mitigation strategies.

Cost Effective	**4**
Technically Sound	**4**
Environmentally Sound	**4**
Immediate Need	**4**
Risk Reduction	**4**

Q233

Required New Action: Ensure all eligible jurisdictions are participating in the NFIP.

Cost Effective	**4**
Technically Sound	**4**
Environmentally Sound	**4**
Immediate Need	**4**
Risk Reduction	**4**

Q234

Required New Action: Ensure all high-hazard potential dams have updated Emergency Action Plans (EAPs) in place.

Cost Effective	**3**
Technically Sound	**3**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**3**

Q235

Required New Action: Obtain or create inundation maps for all dams.

Cost Effective	**3**
Technically Sound	**3**
Environmentally Sound	**3**
Immediate Need	**2**
Risk Reduction	**2**

Page 17: New Actions

Q236

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Action::	NA

Q237

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Cost Effective	**4**
Technically Feasible	**4**
Environmentally Sound	**4**
Immediate Need	**4**
Risk Reduction	**4**
Action::	Flooding - Ongoing - Improvement of the storm water drainage throughout the village to deal with flooding yards and streets.

Q238

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Cost Effective	**5**
Technically Feasible	**5**
Environmentally Sound	**5**
Immediate Need	**5**
Risk Reduction	**5**
Action::	Tornado - Ongoing - Trying to get answers and understanding of the tornado siren in the village.

Q239

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Cost Effective	**3**
Technically Feasible	**3**
Environmentally Sound	**3**
Immediate Need	**4**
Risk Reduction	**4**
Comment::	High winds (Summer extreme weather as well as winter winds and ice) -Ongoing - Asking for replacement of utility poles that have been marked as needing replacement

Q240

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q241

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q242

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q243

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q244

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q245

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q246

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q247

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q248

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q249

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q250

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q251

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q252

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q253

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q254

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

#23

COMPLETE

Collector:	Web Link 1 (Web Link)
Started:	Wednesday, May 14, 2025 2:51:22 PM
Last Modified:	Wednesday, May 14, 2025 2:52:55 PM
Time Spent:	00:01:32
IP Address:	70.92.122.182

Page 1: Survey Instructions

Q1

Name and Organization

Name	**Sue Chasnov**
Organization/Agency	**Village of Clifton**
Title/Position	**Clerk-Treasurer**
Email Address	**suechasnov@gmail.com**

Q2

Village of Clifton

What Jurisdiction are answering for?

Page 2: Hazard Priorities

Q3

Hazards included in 2020 Plan

Dam/Levee Failure	**Medium Priority**
Drought	**Medium-High Priority**
Earthquakes	**Low-Medium Priority**
Extreme Temperatures	**Medium-High Priority**
Flooding	**Highest Priority**
Hazardous Materials	**Medium Priority**
Invasive Species	**Medium Priority**
Landslides, Land Subsidence, and Erosion	**Low-Medium Priority**
Public Health Emergency (Epidemic)	**Medium Priority**
Severe Summer Weather	**Highest Priority**
Severe Winter Weather	**Highest Priority**
Terrorism	**Low-Medium Priority**
Tornadoes	**Highest Priority**
Water Quality	**Highest Priority**
Wildfire	**Medium-High Priority**

Q4

Respondent skipped this question

Please consider the following and provide any additional comments: Please consider how the hazards are grouped - Should any be made into separate categories or grouped differently? Are there any hazards not listed that you would like to see included in the 2025 Plan? Any additional comments.

Page 3: Survey Complete!

Q5

Respondent skipped this question

General Comments

#32

COMPLETE

Collector: Web Link 1 (Web Link)
Started: Wednesday, May 14, 2025 2:50:05 PM
Last Modified: Wednesday, May 14, 2025 2:51:03 PM
Time Spent: 00:00:58
IP Address: 70.92.122.182

Page 1: Survey Instructions

Q1

Name and Organization

Name	**Sue Chasnov**
Organization/Agency	**Village of Clifton**
Title/Position	**Clerk-Treasurer**
Email Address	**suechasnov@gmail.com**

Q2

Village of Clifton

For which community are you responding?

Page 2: Goals Survey

Q3

Please determine which of the previous goals, if any, should be included in the next plan.

	(no label)
Increase public awareness.	**Include**
Protect life and property.	**Include**
Create and/or strengthen partnerships.	**Include**
Create a safer environment through construction or installation projects of natural hazard safety systems.	**Include**
Reduce losses that result from the failure of High Hazard Potential Dams.	**Include**

Q4

Respondent skipped this question

New Goals: Please provide any goals or objectives you would like included in the Plan.

Q5

Respondent skipped this question

Please provide any additional comments related to these goals in the space below.

Page 3: Survey Complete!

Q6

Respondent skipped this question

General Comments

Outlook

Re: Village of Clifton - Greene County - New Action Survey

From Sue Chasnov <suechasnov@gmail.com>
Date Tue 7/15/2025 2:49 PM
To Kimberly Cousins <kcousins@burtonplanning.com>

On Tue, Jul 15, 2025 at 12:41 PM Kimberly Cousins <kcousins@burtonplanning.com> wrote:

> Hi Sue,
> I wanted to reach out to you concerning the recent surveys that you completed for the Village of Clifton for the Greene County Hazard Mitigation Plan. Thank you so much for taking the time to complete them. I did, however, have a couple of questions. I realize that our survey took you to the County's Previous Mitigation Action Survey because the Village of Clifton did not have any previous mitigation actions (from the County's 2020 Plan). When a jurisdiction does not have any previous actions, we offer the actions from the County as a whole, so that jurisdictions can adopt the actions that make sense for them. I realize this can be confusing and I apologize for that. We did want to circle back with you because it's likely that some of these actions don't pertain to your Village due to their specific nature. (i.e. I don't believe that Huffman Dam is located in Clifton). I am attaching the previous mitigation actions for the County to this email. If you would like to tell us which actions you would like to keep for your Village that is all we need as we can use the scores you already provided for those actions.
> Again, so sorry for any confusion.
> Thanks so much!
> Kim
>
> **Kimberly Cousins, Environmental & Resiliency Manager**
>
> Burton Planning Services, LLC
> 252 Electric Ave, Westerville, OH 43081
> (614) 392-2284 x3 (W) | (330) 573-0720(M)
> kcousins@burtonplanning.com | burtonplanning.com
>
> Please consider the environment before printing this email.
>
> *This message, including attachments, is for the sole use of the intended recipient(s) and may contain private, confidential, and/or privileged information. Unauthorized use, disclosure, retention, or distribution is prohibited. If you are not the intended recipient or agent responsible for delivering this message, please contact the sender by reply email and destroy all copies.*

I hope this is what you want:

page 3:

Develop/distribute drought information

page 4:
Require compliance with building codes

page 5:
Provide water/shade at events
Informational brochure re: insurance

page 6:
none

page 7:
Educate public re: hazards

page 8:
none

page 9:
Information re: risks w/ natural disasters

page 10:
mitigation measures
cooperation of neighbors...

page 11:
All 3

page 12:
Encourage utility companies re: tree trimming

page 13:
none

page 14:
equipment for removal of debris
Encourage use of weather radios

page 15:
none

page 16:
none

page 17:
tornado warning systems (Clifton is having trouble getting answers about the new system recently installed!)

page 18:

test tornado sirens (Clifton is having trouble getting answers about the new system recently installed!)

page 19:
education re: water quality
Information distribution re: wildfire

Let me know if this is not what you meant?
Sue

Surveys: Village of Jamestown

#19

COMPLETE

Collector:	Web Link 1 (Web Link)
Started:	Wednesday, July 16, 2025 8:08:42 AM
Last Modified:	Wednesday, July 16, 2025 8:28:56 AM
Time Spent:	00:20:14
IP Address:	96.11.28.130

Page 1: Survey Description

Q1

Contact Information

Name	**Brian Noah**
Organization/Agency	**Jamestown Police Department**
Title/Position	**Chief of Police**
Email Address	**bnoah@jamestownohio.gov**

Q2 **Yes**

Did you complete the Previous Mitigation Action Survey?

Page 2: Jurisdiction

Q3 **Village of Jamestown**

Which jurisdiction do you represent?

Page 3: Jurisdiction

Q4 **Respondent skipped this question**

Which jurisdiction do you represent?

Page 12: Mitigation Actions: Village of Jamestown

Q195

Seek funding for new storm drainage systems or levees to protect at-risk structures. (Dam/Levee Failure)

Cost Effective	**1**
Technically Feasible	**1**
Environmentally Sound	**3**
Immediate Need	**1**
Risk Reduction	**1**

Q196 **Deleted**

Seek funding for new storm drainage systems or levees to protect at-risk structures. (Dam/Levee Failure)

Q197 **Deleted**

Seek funding for, prioritize and remove and/or relocate at-risk structures or construction of improved or new storm drainage systems or levees to protect at- risk structures. (Dam/Levee Failure)

Q198

Seek funding for, prioritize and remove and/or relocate at-risk structures or construction of improved or new storm drainage systems or levees to protect at- risk structures. (Dam/Levee Failure)

Cost Effective	**1**
Technically Feasible	**1**
Environmentally Sound	**3**
Immediate Need	**1**
Risk Reduction	**1**

Q199 **Ongoing**

Establish a Flood Diversion program for roads in Greene County using the Hyper Reach mass notification system. (Flooding)

Q200

Establish a Flood Diversion program for roads in Greene County using the Hyper Reach mass notification system. (Flooding)

Cost Effective	**3**
Technically Feasible	**3**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**5**

Q201 **Ongoing**

Identify at-risk structures in Special Flood Hazard Area. (Flooding)

Q202

Identify at-risk structures in Special Flood Hazard Area. (Flooding)

Cost Effective	**1**
Technically Feasible	**3**
Environmentally Sound	**3**
Immediate Need	**1**
Risk Reduction	**1**

Q203 **Ongoing**

Develop and complete a periodic post- educational campaign surveys to gather citizens' perceptions of the risks associated with natural disasters and the tools and services available to the public to reduce risk (Method to measure the effectiveness of educational campaigns). (Multiple Hazards)

Q204

Develop and complete a periodic post- educational campaign surveys to gather citizens' perceptions of the risks associated with natural disasters and the tools and services available to the public to reduce risk (Method to measure the effectiveness of educational campaigns). (Multiple Hazards)

Cost Effective	**1**
Technically Feasible	**3**
Environmentally Sound	**3**
Immediate Need	**1**
Risk Reduction	**1**

Q205 **Ongoing**

Upgrade windows to high impact windows on schools. (Terrorism)

Q206

Upgrade windows to high impact windows on schools. (Terrorism)

Cost Effective	**1**
Technically Feasible	**3**
Environmentally Sound	**3**
Immediate Need	**4**
Risk Reduction	**5**

Q207 **Ongoing**

In the event a county-wide warning siren system cannot be achieved, the following jurisdictions have requested funding to replace existing equipment or install new equipment: Jamestown. (Tornado)

Q208

In the event a county-wide warning siren system cannot be achieved, the following jurisdictions have requested funding to replace existing equipment or install new equipment: Jamestown. (Tornado)

Cost Effective	**2**
Technically Feasible	**3**
Environmentally Sound	**1**
Immediate Need	**2**
Risk Reduction	**4**

Q209 **Ongoing**

Seek $2.1 million in funding to install a county-wide tornado warning system complete with battery backup in communities with inadequate coverage, or no tornado siren systems. (Tornado)

Q210

Seek $2.1 million in funding to install a county-wide tornado warning system complete with battery backup in communities with inadequate coverage, or no tornado siren systems. (Tornado)

Cost Effective	**1**
Technically Feasible	**3**
Environmentally Sound	**1**
Immediate Need	**3**
Risk Reduction	**4**

Page 16: Required Actions: All Jurisdictions

Q232

Required New Action: Work with all jurisdictions on filling in gaps and strengthening capabilities in enacting mitigation strategies.

Cost Effective	**2**
Technically Sound	**3**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**3**

Q233

Required New Action: Ensure all eligible jurisdictions are participating in the NFIP.

Cost Effective	**3**
Technically Sound	**3**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**3**

Q234

Required New Action: Ensure all high-hazard potential dams have updated Emergency Action Plans (EAPs) in place.

Cost Effective	**3**
Technically Sound	**3**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**3**

Q235

Required New Action: Obtain or create inundation maps for all dams.

Cost Effective	**3**
Technically Sound	**3**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**3**

Page 17: New Actions

Q236

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Cost Effective	**3**
Technically Feasible	**3**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**3**

Q237

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q238

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q239

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q240

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q241

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q242

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q243

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q244

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q245

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q246

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q247

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q248

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q249

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q250

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q251

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q252

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q253

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q254

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

#20

COMPLETE

Collector:	Web Link 1 (Web Link)
Started:	Wednesday, July 16, 2025 8:17:08 AM
Last Modified:	Wednesday, July 16, 2025 8:36:46 AM
Time Spent:	00:19:38
IP Address:	166.137.144.87

Page 1: Survey Description

Q1

Contact Information

Name	**Brian**
Organization/Agency	**Payton**
Title/Position	**Village Administrator**
Email Address	**bpayton@jamestownohio.gov**

Q2 **No**

Did you complete the Previous Mitigation Action Survey?

Page 2: Jurisdiction

Q3 **Respondent skipped this question**

Which jurisdiction do you represent?

Page 3: Jurisdiction

Q4 **Village of Jamestown**

Which jurisdiction do you represent?

Page 12: Mitigation Actions: Village of Jamestown

Q195

Seek funding for new storm drainage systems or levees to protect at-risk structures. (Dam/Levee Failure)

Cost Effective	**2**
Technically Feasible	**2**
Environmentally Sound	**2**
Immediate Need	**2**
Risk Reduction	**2**

Q196 **Ongoing**

Seek funding for new storm drainage systems or levees to protect at-risk structures. (Dam/Levee Failure)

Q197 **Ongoing**

Seek funding for, prioritize and remove and/or relocate at-risk structures or construction of improved or new storm drainage systems or levees to protect at- risk structures. (Dam/Levee Failure)

Q198

Seek funding for, prioritize and remove and/or relocate at-risk structures or construction of improved or new storm drainage systems or levees to protect at- risk structures. (Dam/Levee Failure)

Cost Effective	**2**
Technically Feasible	**2**
Environmentally Sound	**2**
Immediate Need	**2**
Risk Reduction	**2**

Q199 **Ongoing**

Establish a Flood Diversion program for roads in Greene County using the Hyper Reach mass notification system. (Flooding)

Q200

Establish a Flood Diversion program for roads in Greene County using the Hyper Reach mass notification system. (Flooding)

Cost Effective	**2**
Technically Feasible	**2**
Environmentally Sound	**2**
Immediate Need	**2**
Risk Reduction	**2**

Q201 **Ongoing**

Identify at-risk structures in Special Flood Hazard Area. (Flooding)

Q202

Identify at-risk structures in Special Flood Hazard Area. (Flooding)

Cost Effective	**2**
Technically Feasible	**2**
Environmentally Sound	**2**
Immediate Need	**2**
Risk Reduction	**2**

Q203 **Ongoing**

Develop and complete a periodic post- educational campaign surveys to gather citizens' perceptions of the risks associated with natural disasters and the tools and services available to the public to reduce risk (Method to measure the effectiveness of educational campaigns). (Multiple Hazards)

Q204

Develop and complete a periodic post- educational campaign surveys to gather citizens' perceptions of the risks associated with natural disasters and the tools and services available to the public to reduce risk (Method to measure the effectiveness of educational campaigns). (Multiple Hazards)

Cost Effective	**2**
Technically Feasible	**2**
Environmentally Sound	**2**
Immediate Need	**2**
Risk Reduction	**2**

Q205 **Ongoing**

Upgrade windows to high impact windows on schools. (Terrorism)

Q206

Upgrade windows to high impact windows on schools. (Terrorism)

Cost Effective	**3**
Technically Feasible	**3**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**3**

Q207 **Ongoing**

In the event a county-wide warning siren system cannot be achieved, the following jurisdictions have requested funding to replace existing equipment or install new equipment: Jamestown. (Tornado)

Q208

In the event a county-wide warning siren system cannot be achieved, the following jurisdictions have requested funding to replace existing equipment or install new equipment: Jamestown. (Tornado)

Cost Effective	**4**
Technically Feasible	**4**
Environmentally Sound	**4**
Immediate Need	**4**
Risk Reduction	**4**

Q209 **Ongoing**

Seek $2.1 million in funding to install a county-wide tornado warning system complete with battery backup in communities with inadequate coverage, or no tornado siren systems. (Tornado)

Q210

Seek $2.1 million in funding to install a county-wide tornado warning system complete with battery backup in communities with inadequate coverage, or no tornado siren systems. (Tornado)

Cost Effective	**4**
Technically Feasible	**4**
Environmentally Sound	**4**
Immediate Need	**5**
Risk Reduction	**5**

Page 16: Required Actions: All Jurisdictions

Q232

Required New Action: Work with all jurisdictions on filling in gaps and strengthening capabilities in enacting mitigation strategies.

Cost Effective	**4**
Technically Sound	**4**
Environmentally Sound	**4**
Immediate Need	**5**
Risk Reduction	**5**

Q233

Required New Action: Ensure all eligible jurisdictions are participating in the NFIP.

Cost Effective	**4**
Technically Sound	**4**
Environmentally Sound	**4**
Immediate Need	**4**
Risk Reduction	**4**

Q234

Required New Action: Ensure all high-hazard potential dams have updated Emergency Action Plans (EAPs) in place.

Comment:	N/A Skip

Q235

Required New Action: Obtain or create inundation maps for all dams.

Comment:	N\A Skip

Page 17: New Actions

Q236

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q237

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q238

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q239

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q240

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q241

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q242

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q243

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q244

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q245

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q246

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q247

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q248

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q249

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q250

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q251

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q252

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q253

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q254

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

#26

COMPLETE

Collector:	Web Link 1 (Web Link)
Started:	Wednesday, July 16, 2025 8:02:11 AM
Last Modified:	Wednesday, July 16, 2025 8:08:21 AM
Time Spent:	00:06:09
IP Address:	96.11.28.130

Page 1: Survey Instructions

Q1

Name and Organization

Name	**Brian Noah**
Organization/Agency	**Jamestown Police Department**
Title/Position	**Chief of Police**
Email Address	**bnoah@jamestownohio.gov**

Q2

Village of Jamestown

What Jurisdiction are answering for?

Page 2: Hazard Priorities

Q3

Hazards included in 2020 Plan

Dam/Levee Failure	**Lowest Priority**
Drought	**Medium Priority**
Earthquakes	**Low-Medium Priority**
Extreme Temperatures	**Medium-High Priority**
Flooding	**Medium Priority**
Hazardous Materials	**Medium-High Priority**
Invasive Species	**Low-Medium Priority**
Landslides, Land Subsidence, and Erosion	**Lowest Priority**
Public Health Emergency (Epidemic)	**Medium Priority**
Severe Summer Weather	**Medium-High Priority**
Severe Winter Weather	**Medium-High Priority**
Terrorism	**Low-Medium Priority**
Tornadoes	**Medium-High Priority**
Water Quality	**Highest Priority**
Wildfire	**Lowest Priority**

Q4

Respondent skipped this question

Please consider the following and provide any additional comments: Please consider how the hazards are grouped - Should any be made into separate categories or grouped differently? Are there any hazards not listed that you would like to see included in the 2025 Plan? Any additional comments.

Page 3: Survey Complete!

Q5

Respondent skipped this question

General Comments

#27

COMPLETE

Collector:	Web Link 1 (Web Link)
Started:	Wednesday, July 16, 2025 8:03:38 AM
Last Modified:	Wednesday, July 16, 2025 8:11:08 AM
Time Spent:	00:07:30
IP Address:	166.137.144.87

Page 1: Survey Instructions

Q1

Name and Organization

Name	**Brian Payton**
Organization/Agency	**Village of Jamestown**
Title/Position	**Village Administrator**
Email Address	**bpayton@jamestownohio.gov**

Q2

Village of Jamestown

What Jurisdiction are answering for?

Page 2: Hazard Priorities

Q3

Hazards included in 2020 Plan

Dam/Levee Failure	**Lowest Priority**
Drought	**Medium Priority**
Earthquakes	**Medium-High Priority**
Extreme Temperatures	**Medium-High Priority**
Flooding	**Medium Priority**
Hazardous Materials	**Medium Priority**
Invasive Species	**Medium Priority**
Landslides, Land Subsidence, and Erosion	**Lowest Priority**
Public Health Emergency (Epidemic)	**Highest Priority**
Severe Summer Weather	**Medium-High Priority**
Severe Winter Weather	**Medium-High Priority**
Terrorism	**Lowest Priority**
Tornadoes	**Highest Priority**
Water Quality	**Highest Priority**
Wildfire	**Lowest Priority**

Q4

Respondent skipped this question

Please consider the following and provide any additional comments: Please consider how the hazards are grouped - Should any be made into separate categories or grouped differently? Are there any hazards not listed that you would like to see included in the 2025 Plan? Any additional comments.

Page 3: Survey Complete!

Q5

Respondent skipped this question

General Comments

#34

COMPLETE

Collector: Web Link 1 (Web Link)
Started: Monday, June 30, 2025 1:33:44 PM
Last Modified: Monday, June 30, 2025 1:34:50 PM
Time Spent: 00:01:05
IP Address: 96.11.28.130

Page 1: Survey Instructions

Q1

Name and Organization

Name	**Brian Noah**
Organization/Agency	**Jamestown Police Department**
Title/Position	**Chief of Police**
Email Address	**bnoah@jamestownpd.org**

Q2

For which community are you responding?

Village of Jamestown

Page 2: Goals Survey

Q3

Please determine which of the previous goals, if any, should be included in the next plan.

	(no label)
Increase public awareness.	**Include**
Protect life and property.	**Include**
Create and/or strengthen partnerships.	**Include**
Create a safer environment through construction or installation projects of natural hazard safety systems.	**Include**
Reduce losses that result from the failure of High Hazard Potential Dams.	**Do Not Include**

Q4

New Goals: Please provide any goals or objectives you would like included in the Plan.

Respondent skipped this question

Q5

Respondent skipped this question

Please provide any additional comments related to these goals in the space below.

Page 3: Survey Complete!

Q6

Respondent skipped this question

General Comments

#36

COMPLETE

Collector:	Web Link 1 (Web Link)
Started:	Wednesday, July 16, 2025 8:11:21 AM
Last Modified:	Wednesday, July 16, 2025 8:17:01 AM
Time Spent:	00:05:40
IP Address:	166.137.144.87

Page 1: Survey Instructions

Q1

Name and Organization

Name	**Brian Payton**
Organization/Agency	**Village of Jamestown**
Title/Position	**Village Administrator**
Email Address	**bpayton@jamestownohio.gov**

Q2

Village of Jamestown

For which community are you responding?

Page 2: Goals Survey

Q3

Please determine which of the previous goals, if any, should be included in the next plan.

	(no label)
Increase public awareness.	**Include**
Protect life and property.	**Include**
Create and/or strengthen partnerships.	**Include**
Create a safer environment through construction or installation projects of natural hazard safety systems.	**Include**
Reduce losses that result from the failure of High Hazard Potential Dams.	**Do Not Include**

Q4

Respondent skipped this question

New Goals: Please provide any goals or objectives you would like included in the Plan.

Q5

Respondent skipped this question

Please provide any additional comments related to these goals in the space below.

Page 3: Survey Complete!

Q6

Respondent skipped this question

General Comments

Surveys: Village of Spring Valley

MITIGATION ACTION SCORING MATRIX

Step One:

In the following tables, enter your name and position and select one of the following status options for each mitigation action in your jurisdiction:

- **Completed** (Use this if the action was completed)
- **Deleted** (Use this if you would like to remove the action from your new plan)
- **Ongoing** (Use this if you would like the action to carry through to your next plan)

Step two:

By marking the actions as Ongoing the action will be added to the new plan. In order to rank them effectively we ask that you score each of the following:

1. **Cost Effective** – Rank 1 – 5 – the cost effectiveness of each proposed mitigation action, with 5 being the most cost effective and 1 being the least cost effective.
2. **Technically Feasible** – Rank 1 – 5 – the feasibility of each proposed mitigation action, with 5 being the most feasible and 1 being the least feasible.
3. **Environmentally Sound** – Rank 1 – 5 – the proposed mitigation action in terms of how environmentally sound it seems, with 5 being the most sound and 1 being the least sound.
4. **Immediate Need** – Rank 1 – 5 – whether each proposed mitigation action is needed immediately, with 5 being the most immediate need and 1 being not an immediate need.
5. **Risk Reduction** – Rank 1 – 5 – the proposed mitigation action on the extent to which it will reduce the total risk of the associated hazard, with 5 being the greatest contribution to risk reduction and 1 being the least contribution to risk reduction.

If you have any additional comments for a mitigation action, please leave them below each action.

Name: Brett Bonecutter	Title and Organization: Village Administrator

Village of Spring Valley

Seek funding for, prioritize and remove and/or relocate at-risk structures or construction of improved or new storm drainage systems or levees to protect at- risk structures.	Dam/Levee Failure	☐Completed ☐Deleted ☑Ongoing	Cost Effective	1	2	3	(4)	5
			Technically Feasible	1	2	(3)	4	5
			Environmentally Sound	1	2	(3)	4	5
			Immediate Need	1	2	(3)	4	5
			Risk Reduction	1	2	(3)	4	5
Establish a Flood Diversion program for roads in Greene County using the Hyper Reach mass notification system.	Flooding	☐Completed ☐Deleted ☑Ongoing	Cost Effective	1	2	(3)	4	5
			Technically Feasible	1	2	(3)	4	5
			Environmentally Sound	1	(2)	3	4	5
			Immediate Need	1	(2)	3	4	5
			Risk Reduction	1	2	(3)	4	5
Purchase a second pump for the stormwater system.	Flooding	☐Completed ☐Deleted ☑Ongoing	Cost Effective	1	2	3	(4)	5
			Technically Feasible	1	2	3	4	(5)
			Environmentally Sound	1	2	3	4	(5)
			Immediate Need	1	2	3	(4)	5
			Risk Reduction	1	2	3	4	(5)

Name: Brett Bonecutter	Title and Organization: Village Administrator

Village of Spring Valley

Develop and complete a periodic post-educational campaign surveys to gather citizens' perceptions of the risks associated with natural disasters and the tools and services available to the public to reduce risk (Method to measure the effectiveness of educational campaigns).	Multiple Hazards	☐Completed ☐Deleted ☒Ongoing	Cost Effective	1	2	(3)	4	5
			Technically Feasible	1	2	(3)	4	5
			Environmentally Sound	1	(2)	3	4	5
			Immediate Need	1	(2)	3	4	5
			Risk Reduction	1	2	(3)	4	5
Purchase a generator.	Severe Summer Weather	☐Completed ☐Deleted ☒Ongoing	Cost Effective	1	2	3	(4)	5
			Technically Feasible	1	2	3	(4)	5
			Environmentally Sound	1	2	3	4	(5)
			Immediate Need	1	2	3	(4)	5
			Risk Reduction	1	2	3	(4)	5
Seek $2.1 million in funding to install a county-wide tornado warning system complete with battery backup in communities with inadequate coverage, or no tornado siren systems.	Tornado	☐Completed ☐Deleted ☒Ongoing	Cost Effective	1	2	3	4	(5)
			Technically Feasible	1	2	3	4	(5)
			Environmentally Sound	1	2	3	4	(5)
			Immediate Need	1	2	3	4	(5)
			Risk Reduction	1	2	3	4	(5)

#20

COMPLETE

Collector:	Web Link 1 (Web Link)
Started:	Tuesday, April 15, 2025 1:59:41 PM
Last Modified:	Tuesday, April 15, 2025 2:00:51 PM
Time Spent:	00:01:09
IP Address:	98.103.106.66

Page 1: Survey Instructions

Q1

Name and Organization

Name	**Rusty Cross**
Organization/Agency	**Spring Valley Twp. Fire Dept.**
Title/Position	**Fire Chief**
Email Address	**rcross@svtwp.org**

Q2

What Jurisdiction are answering for?

Village of Spring Valley

Page 2: Hazard Priorities

Q3

Hazards included in 2020 Plan

Dam/Levee Failure	**Medium Priority**
Drought	**Medium-High Priority**
Earthquakes	**Lowest Priority**
Extreme Temperatures	**Highest Priority**
Flooding	**Highest Priority**
Hazardous Materials	**Medium-High Priority**
Invasive Species	**Lowest Priority**
Landslides, Land Subsidence, and Erosion	**Low-Medium Priority**
Public Health Emergency (Epidemic)	**Medium-High Priority**
Severe Summer Weather	**Medium-High Priority**
Severe Winter Weather	**Medium-High Priority**
Terrorism	**Low-Medium Priority**
Tornadoes	**Highest Priority**
Water Quality	**Medium-High Priority**
Wildfire	**Low-Medium Priority**

Q4

Respondent skipped this question

Please consider the following and provide any additional comments: Please consider how the hazards are grouped - Should any be made into separate categories or grouped differently? Are there any hazards not listed that you would like to see included in the 2025 Plan? Any additional comments.

Page 3: Survey Complete!

Q5

Respondent skipped this question

General Comments

#33

COMPLETE

Collector: Web Link 1 (Web Link)
Started: Wednesday, May 14, 2025 3:45:58 PM
Last Modified: Wednesday, May 14, 2025 3:57:46 PM
Time Spent: 00:11:48
IP Address: 172.58.121.128

Page 1: Survey Instructions

Q1

Name and Organization

Name	**Sue McLaughlin**
Organization/Agency	**Village**
Title/Position	**Mayor**
Email Address	**smclaughlin1955@gmail.com**

Q2

Village of Spring Valley

For which community are you responding?

Page 2: Goals Survey

Q3

Please determine which of the previous goals, if any, should be included in the next plan.

	(no label)
Increase public awareness.	**Include**
Protect life and property.	**Include**
Create and/or strengthen partnerships.	**Do Not Include**
Create a safer environment through construction or installation projects of natural hazard safety systems.	**Include**
Reduce losses that result from the failure of High Hazard Potential Dams.	**Do Not Include**

Q4

New Goals: Please provide any goals or objectives you would like included in the Plan.

New Goal 1	**Inform the village of loss of tornado warning system.**
New Goal 2	**Provide residents with early warning devices in each home.**

Q5

Please provide any additional comments related to these goals in the space below.

The tornado alarm was moved out of the village into the township. I was told you need to be outside to hear the warning. The fire department was given a grant to have the system installed that no one need to hear nor an they hear in the populated part of the township.

Page 3: Survey Complete!

Q6

General Comments

The residents would like the tornado warning reinstalled in the village. Thank you

Surveys: Village of Yellow Spring

#4

COMPLETE

Collector:	Web Link 1 (Web Link)
Started:	Tuesday, March 11, 2025 11:04:36 AM
Last Modified:	Tuesday, March 11, 2025 11:13:45 AM
Time Spent:	00:09:09
IP Address:	71.65.70.104

Page 1: Survey Instructions

Q1

Name and Organization

Name	**Brian Housh**
Organization/Agency	**Village of Yellow Springs**
Title/Position	**Council Member**
Email Address	**Brian.Housh@yellowsprings.gov**

Q2

Village of Yellow Spring

What Jurisdiction are answering for?

Page 2: Hazard Priorities

Q3

Hazards included in 2020 Plan

Dam/Levee Failure	**Lowest Priority**
Drought	**Medium-High Priority**
Earthquakes	**Do not include**
Extreme Temperatures	**Medium-High Priority**
Flooding	**Highest Priority**
Hazardous Materials	**Medium Priority**
Invasive Species	**Low-Medium Priority**
Landslides, Land Subsidence, and Erosion	**Do not include**
Public Health Emergency (Epidemic)	**Medium-High Priority**
Severe Summer Weather	**Highest Priority**
Severe Winter Weather	**Highest Priority**
Terrorism	**Low-Medium Priority**
Tornadoes	**Highest Priority**
Water Quality	**Highest Priority**
Wildfire	**Medium-High Priority**

Q4

Please consider the following and provide any additional comments: Please consider how the hazards are grouped - Should any be made into separate categories or grouped differently? Are there any hazards not listed that you would like to see included in the 2025 Plan? Any additional comments.

Given that the Glen Helen Nature Preserve is part of the Village and our proximity to other forested areas, concerns have been raised about a major fire given recent severe drought conditions. We would like to better mitigate this hazard and prepare to respond if necessary.

Page 3: Survey Complete!

Q5 **Respondent skipped this question**

General Comments

#6

COMPLETE

Collector: Web Link 1 (Web Link)
Started: Tuesday, March 11, 2025 10:52:34 AM
Last Modified: Tuesday, March 11, 2025 11:00:18 AM
Time Spent: 00:07:43
IP Address: 71.65.70.104

Page 1: Survey Instructions

Q1

Name and Organization

Name	**Brian Housh**
Organization/Agency	**Village of Yellow Springs**
Title/Position	**Council Member**
Email Address	**Brian.Housh@yellowsprings.gov**

Q2

Village of Yellow Spring

For which community are you responding?

Page 2: Goals Survey

Q3

Please determine which of the previous goals, if any, should be included in the next plan.

	(no label)
Increase public awareness.	**Include**
Protect life and property.	**Include**
Create and/or strengthen partnerships.	**Include**
Create a safer environment through construction or installation projects of natural hazard safety systems.	**Include**
Reduce losses that result from the failure of High Hazard Potential Dams.	**Do Not Include**

Q4

New Goals: Please provide any goals or objectives you would like included in the Plan.

New Goal 1	**Construct & Renovate to Promote Resiliency**
New Goal 2	**Provide/Support Best Recovery Practices**

Q5

Please provide any additional comments related to these goals in the space below.

I am sure the work of MVRPC and other agencies/munis is being considered in this process.

Page 3: Survey Complete!

Q6 **Respondent skipped this question**

General Comments

#14

COMPLETE

Collector:	Web Link 1 (Web Link)
Started:	Wednesday, May 14, 2025 2:42:37 PM
Last Modified:	Wednesday, May 14, 2025 3:25:48 PM
Time Spent:	00:43:10
IP Address:	66.203.19.0

Page 1: Survey Description

Q1

Contact Information

Name	**Johnnie Burns**
Organization/Agency	**Village of Yellow Springs**
Title/Position	**Village Manager**
Email Address	**johnnie.burns@yellowsprings.gov**

Q2 **No**

Did you complete the Previous Mitigation Action Survey?

Page 2: Jurisdiction

Q3 **Respondent skipped this question**

Which jurisdiction do you represent?

Page 3: Jurisdiction

Q4 **Village of Yellow Spring**

Which jurisdiction do you represent?

Page 14: Mitigation Actions: Village of Yellow Spring

Q223

Seek funding for new storm drainage systems or levees to protect at-risk structures. (Dam/Levee Failure)

Cost Effective	**3**
Technically Feasible	**4**
Environmentally Sound	**1**
Immediate Need	**1**
Risk Reduction	**3**

Q224

Seek funding for, prioritize and remove and/or relocate at-risk structures or construction of improved or new storm drainage systems or levees to protect at- risk structures. (Dam/Levee Failure)

Cost Effective	**3**
Technically Feasible	**4**
Environmentally Sound	**1**
Immediate Need	**2**
Risk Reduction	**3**

Q225

Establish a Flood Diversion program for roads in Greene County using the Hyper Reach mass notification system. (Flooding)

Cost Effective	**3**
Technically Feasible	**3**
Environmentally Sound	**1**
Immediate Need	**3**
Risk Reduction	**2**

Q226

Identify at-risk structures in Special Flood Hazard Area. (Flooding)

Cost Effective	**3**
Technically Feasible	**3**
Environmentally Sound	**1**
Immediate Need	**3**
Risk Reduction	**3**

Q227

Update stormwater systems and reline sewer system. (Flooding)

Cost Effective	**3**
Technically Feasible	**3**
Environmentally Sound	**1**
Immediate Need	**1**
Risk Reduction	**1**

Q228

Develop a program providing assistance for the disparate population. (Public Health Emergency (Epidemic))

Cost Effective	**3**
Technically Feasible	**4**
Environmentally Sound	**1**
Immediate Need	**3**
Risk Reduction	**3**

Q229

Install underground power lines. (Severe Summer Weather)

Cost Effective	**3**
Technically Feasible	**3**
Environmentally Sound	**1**
Immediate Need	**2**
Risk Reduction	**4**

Q230

Purchase and install a security camera system. (Terrorism)

Cost Effective	**3**
Technically Feasible	**3**
Environmentally Sound	**1**
Immediate Need	**1**
Risk Reduction	**1**

Q231

Monitoring wells for the source water contamination. (Water Quality)

Cost Effective	**3**
Technically Feasible	**2**
Environmentally Sound	**1**
Immediate Need	**2**
Risk Reduction	**1**

Page 16: Required Actions: All Jurisdictions

Q232

Required New Action: Work with all jurisdictions on filling in gaps and strengthening capabilities in enacting mitigation strategies.

Cost Effective	**3**
Technically Sound	**3**
Environmentally Sound	**1**
Immediate Need	**5**
Risk Reduction	**5**

Q233

Required New Action: Ensure all eligible jurisdictions are participating in the NFIP.

Cost Effective	**5**
Technically Sound	**5**
Environmentally Sound	**1**
Immediate Need	**5**
Risk Reduction	**5**

Q234

Required New Action: Ensure all high-hazard potential dams have updated Emergency Action Plans (EAPs) in place.

Cost Effective	**5**
Technically Sound	**5**
Environmentally Sound	**1**
Immediate Need	**4**
Risk Reduction	**5**

Q235

Required New Action: Obtain or create inundation maps for all dams.

Cost Effective	**5**
Technically Sound	**5**
Environmentally Sound	**5**
Immediate Need	**5**
Risk Reduction	**5**

Page 17: New Actions

Q236

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q237

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q238

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q239

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q240

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q241

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q242

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q243

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q244

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q245

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q246

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q247

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q248

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q249

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q250

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q251

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q252

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q253

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q254

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Name: Johnnie Burns	Title and Organization: Village Manager Yellow Springs

Village of Yellow Spring

Mitigation Action (Strategy)	Risk	Status	Ranking					
Seek funding for new storm drainage systems or levees to protect at-risk structures.	Dam/Levee Failure	☐Completed ☐Deleted ☒Ongoing	Cost Effective	1	2	3	(4)	5
			Technically Feasible	1	(2)	(3)	4	5
			Environmentally Sound	1	2	3	4	(5)
			Immediate Need	1	2	3	4	(5)
			Risk Reduction	1	2	3	(4)	5
Seek funding for, prioritize and remove and/or relocate at-risk structures or construction of improved or new storm drainage systems or levees to protect at- risk structures.	Dam/Levee Failure	☐Completed ☐Deleted ☒Ongoing	Cost Effective	1	2	(3)	4	5
			Technically Feasible	1	(2)	3	4	5
			Environmentally Sound	1	2	3	4	(5)
			Immediate Need	1	2	3	4	(5)
			Risk Reduction	1	2	3	(4)	5
Establish a Flood Diversion program for roads in Greene County using the Hyper Reach mass notification system.	Flooding	☐Completed ☐Deleted ☒Ongoing	Cost Effective	1	2	3	(4)	5
			Technically Feasible	1	(2)	3	4	5
			Environmentally Sound	1	2	3	(4)	5
			Immediate Need	1	2	3	(4)	5
			Risk Reduction	1	2	(3)	4	5

Name: JOHNNIE BURNS	Title and Organization: VILLAGE MANAGER YELLOW SPRINGS

Village of Yellow Spring

Mitigation Action (Strategy)	Risk	Status	Ranking					
Identify at-risk structures in Special Flood Hazard Area.	Flooding	☐Completed ☐Deleted ☒Ongoing	Cost Effective	1	2	3	(4)	5
			Technically Feasible	1	2	3	(4)	5
			Environmentally Sound	1	2	3	4	(5)
			Immediate Need	1	2	3	4	(5)
			Risk Reduction	1	2	3	(4)	5
Update stormwater systems and reline sewer system.	Flooding	☐Completed ☐Deleted ☒Ongoing	Cost Effective	1	2	3	4	(5)
			Technically Feasible	1	2	(3)	4	5
			Environmentally Sound	1	2	3	4	(5)
			Immediate Need	1	2	3	4	(5)
			Risk Reduction	1	2	3	4	(5)
Develop a program providing assistance for the disparate population.	Public Health Emergency (Epidemic)	☐Completed ☐Deleted ☒Ongoing	Cost Effective	1	2	3	(4)	5
			Technically Feasible	1	2	(3)	4	5
			Environmentally Sound	1	2	3	(4)	5
			Immediate Need	1	2	3	(4)	5
			Risk Reduction	1	2	3	(4)	5

Name: JOHNNIE BURNS	Title and Organization: VILLAGE MANAGER YELLOW SPRINGS

Village of Yellow Spring

Mitigation Action (Strategy)	Risk	Status	Ranking					
Install underground power lines.	Severe Summer Weather	☐Completed ☐Deleted ☒Ongoing	Cost Effective	1	2	3	4	(5)
			Technically Feasible	1	2	3	4	(5)
			Environmentally Sound	1	2	3	4	(5)
			Immediate Need	1	2	3	4	(5)
			Risk Reduction	1	2	3	4	(5)
Purchase and install a security camera system.	Terrorism	☐Completed ☐Deleted ☒Ongoing	Cost Effective	1	2	3	4	(5)
			Technically Feasible	1	2	(3)	4	5
			Environmentally Sound	1	2	3	(4)	5
			Immediate Need	1	2	3	4	(5)
			Risk Reduction	1	2	3	4	(5)
Monitoring wells for the source water contamination.	Water Quality	☐Completed ☐Deleted ☒Ongoing	Cost Effective	1	2	3	4	(5)
			Technically Feasible	1	2	(3)	4	5
			Environmentally Sound	1	2	3	4	(5)
			Immediate Need	1	2	3	(4)	5
			Risk Reduction	1	2	3	4	(5)

Surveys: Townships

#11

COMPLETE

Collector:	Web Link 1 (Web Link)
Started:	Wednesday, April 16, 2025 1:25:39 PM
Last Modified:	Wednesday, April 16, 2025 1:48:27 PM
Time Spent:	00:22:47
IP Address:	70.63.34.141

Page 1: Survey Description

Q1

Contact Information

Name	**Kyle Miller**
Organization/Agency	**Cedarville Township Fire Dept**
Title/Position	**Fire Chief**
Email Address	**miller@cedarvilletwp.us**

Q2 **Yes**

Did you complete the Previous Mitigation Action Survey?

Page 2: Jurisdiction

Q3 **Cedarville Township**

Which jurisdiction do you represent?

Page 3: Jurisdiction

Q4 **Respondent skipped this question**

Which jurisdiction do you represent?

Page 4: Mitigation Actions: Greene County (Page 1 of 2)

Q5

Concrete, structural repairs, and other improvements at Huffman Dam. (Dam/Levee Failure)

Cost Effective	**3**
Technically Feasible	**3**
Environmentally Sound	**4**
Immediate Need	**3**
Risk Reduction	**3**

Q6

Construct or repair storm drainage systems and/or levees. (Dam/Levee Failure)

Cost Effective	**3**
Technically Feasible	**3**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**3**

Q7

Develop a dam failure evacuation plan for Huffman Dam. (Dam/Levee Failure)

Cost Effective	**4**
Technically Feasible	**4**
Environmentally Sound	**4**
Immediate Need	**3**
Risk Reduction	**3**

Q8

Structural stability analysis of Huffman Dam to assess any risks and develop a rehabilitation strategy, if necessary. (Dam/Levee Failure)

Cost Effective	**3**
Technically Feasible	**4**
Environmentally Sound	**4**
Immediate Need	**3**
Risk Reduction	**3**

Q9

Update dam maintenance programs and services. (Dam/Levee Failure)

Cost Effective	**4**
Technically Feasible	**4**
Environmentally Sound	**4**
Immediate Need	**3**
Risk Reduction	**3**

Q10

Develop and distribute information about risks associated with drought. (Drought)

Cost Effective	**4**
Technically Feasible	**4**
Environmentally Sound	**4**
Immediate Need	**3**
Risk Reduction	**3**

Q11

Require compliance and enforcement of existing building codes. (Earthquakes)

Cost Effective	**4**
Technically Feasible	**4**
Environmentally Sound	**4**
Immediate Need	**4**
Risk Reduction	**4**

Q12

Establish clearly identified places of refuge within public facilities and spaces, neighborhoods, and businesses. (Extreme Temperatures)

Cost Effective	**4**
Technically Feasible	**4**
Environmentally Sound	**4**
Immediate Need	**4**
Risk Reduction	**3**

Q13

Establish program(s) providing air conditioning to at-risk populations. (Extreme Temperatures)

Cost Effective	**4**
Technically Feasible	**4**
Environmentally Sound	**4**
Immediate Need	**3**
Risk Reduction	**3**

Q14

Provide water and shade at all public outdoor events during extreme heat. (Extreme Temperatures)

Cost Effective	**4**
Technically Feasible	**4**
Environmentally Sound	**4**
Immediate Need	**4**
Risk Reduction	**4**

Q15

Develop a set of planned alternative routes and gate frequently flooded areas and inform the citizens. (Flooding)

Cost Effective	**3**
Technically Feasible	**3**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**3**

Q16

Develop and distribute an informational brochure on the types of homeowner’s hazard insurance, i.e. flood, fire, earthquake, etc. (Flooding)

Cost Effective	**2**
Technically Feasible	**2**
Environmentally Sound	**2**
Immediate Need	**2**
Risk Reduction	**2**

Q17

Encourage regular and periodic pier inspections for bridges. (Flooding)

Cost Effective	**3**
Technically Feasible	**3**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**2**

Q18

Encourage watershed and wetland planning, as well as natural resource management in conjunction with land-use planning for natural hazard mitigation. (Flooding)

Cost Effective	**3**
Technically Feasible	**3**
Environmentally Sound	**4**
Immediate Need	**4**
Risk Reduction	**4**

Q19

Establish a Flood Diversion program for roads in Greene County using the Hyper Reach mass notification system. (Flooding)

Cost Effective	**3**
Technically Feasible	**3**
Environmentally Sound	**3**
Immediate Need	**2**
Risk Reduction	**2**

Q20

Identify at-risk structures in Special Flood Hazard Area. (Flooding)

Cost Effective	**4**
Technically Feasible	**4**
Environmentally Sound	**4**
Immediate Need	**4**
Risk Reduction	**4**

Q21

Massie Creek US 68 N property acquisition; Kaufman/Washington Mill/Patterson. (Flooding)

Cost Effective	**2**
Technically Feasible	**2**
Environmentally Sound	**3**
Immediate Need	**2**
Risk Reduction	**2**

Q22

Educate the public, businesses and residents, of the importance of creating hazard contingency plans (May be included in materials about natural hazard risk). (Hazardous Materials)

Cost Effective	**3**
Technically Feasible	**3**
Environmentally Sound	**3**
Immediate Need	**2**
Risk Reduction	**2**

Q23

Partner with organizations whose mission is to restore or preserve beneficial natural systems (wetlands, watersheds, etc.). (Invasive Species)

Cost Effective	**3**
Technically Feasible	**3**
Environmentally Sound	**4**
Immediate Need	**3**
Risk Reduction	**2**

Q24

Develop and complete a baseline survey to gather citizens' perceptions of the risks associated with natural disasters and the tools and services available to the public to reduce risk. (Multiple Hazards)

Cost Effective	**2**
Technically Feasible	**2**
Environmentally Sound	**3**
Immediate Need	**2**
Risk Reduction	**2**

Q25

Develop and complete a periodic post- educational campaign surveys to gather citizens' perceptions of the risks associated with natural disasters and the tools and services available to the public to reduce risk (Method to measure the effectiveness of educational campaigns). (Multiple Hazards)

Cost Effective	**2**
Technically Feasible	**2**
Environmentally Sound	**2**
Immediate Need	**2**
Risk Reduction	**2**

Q26

Develop and distribute information about risks associated with the identified natural disasters affecting the County. (Multiple Hazards)

Cost Effective	**2**
Technically Feasible	**2**
Environmentally Sound	**2**
Immediate Need	**2**
Risk Reduction	**2**

Q27

Encourage code enforcement and engineering practitioners to enroll in seminars/classes offered by accredited building training centers that showcase the latest materials and techniques in natural hazard resistant construction. (Multiple Hazards)

Cost Effective	**3**
Technically Feasible	**3**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**3**

Q28

Encourage jurisdictions to prevent or prohibit new development in areas vulnerable to natural hazards. (Multiple Hazards)

Cost Effective	**3**
Technically Feasible	**2**
Environmentally Sound	**2**
Immediate Need	**2**
Risk Reduction	**2**

Q29

Encourage mitigation measures for existing development in areas vulnerable to natural hazards. (Multiple Hazards)

Cost Effective	**3**
Technically Feasible	**2**
Environmentally Sound	**2**
Immediate Need	**2**
Risk Reduction	**2**

Q30

Encourage the cooperation of neighbors to include, but not limited to: Contingency plans for the evacuation and care of neighboring families and pets and communication among the neighbors in the event of a natural hazard.; Contingency plans for checking- in on the shut-in and frail elderly neighbors. (Multiple Hazards)

Cost Effective	**4**
Technically Feasible	**4**
Environmentally Sound	**4**
Immediate Need	**3**
Risk Reduction	**3**

Q31

Two maps should be generated as established in the Miami Valley Emergency Operations Plan, 1993, Annex L, Damage Assessment, PG L-5. One map should graphically display Public damage where the worst damage is located and where minimal damage is located. The second should address the same for Private damages. (Multiple Hazards)

Cost Effective	**3**
Technically Feasible	**3**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**3**

Page 5: Mitigation Actions: Greene County (Page 2 of 2)

Q32

Develop and distribute information/education on weather- related-preparedness tools and resources, i.e. sources to purchase such material, etc. (Severe Summer Weather)

Cost Effective	**3**
Technically Feasible	**3**
Environmentally Sound	**3**
Immediate Need	**2**
Risk Reduction	**2**

Q33

Develop and launch awareness/educational campaigns to increase knowledge of weather alert methods (alert radios, e-mail, cell phones, etc.). (Severe Summer Weather)

Cost Effective	**4**
Technically Feasible	**4**
Environmentally Sound	**4**
Immediate Need	**4**
Risk Reduction	**4**

Q34

Educate the public on the importance of properly trimming and maintaining the trees on their property (may be included in materials about natural hazard risk). (Severe Summer Weather)

Cost Effective	**4**
Technically Feasible	**4**
Environmentally Sound	**4**
Immediate Need	**3**
Risk Reduction	**3**

Q35

Encourage the use of vinyl siding to reduce dent damage due to hail incidents. (Severe Summer Weather)

Cost Effective	**4**
Technically Feasible	**4**
Environmentally Sound	**4**
Immediate Need	**3**
Risk Reduction	**3**

Q36

Encourage utility companies to hire tree trimming contractors who are capable of a more citizen friendly trimming service (Severe Summer Weather)

Cost Effective	**4**
Technically Feasible	**4**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**3**

Q37

Furnish and install a 25KW Emergency Standby Generator with Automatic Transfer Switch at Gerspacher Water Tower. This generator is needed to maintain communications. (Severe Summer Weather)

Cost Effective	**3**
Technically Feasible	**3**
Environmentally Sound	**4**
Immediate Need	**4**
Risk Reduction	**4**

Q38

Furnish and install a 25KW Emergency Standby Generator with Automatic Transfer Switch at Indian Ripple Water Tower. This generator is needed to maintain communications. (Severe Summer Weather)

Cost Effective	**3**
Technically Feasible	**3**
Environmentally Sound	**4**
Immediate Need	**4**
Risk Reduction	**4**

Q39

Furnish and install a 40KW Emergency Standby Generator with Automatic Transfer Switch at the Valley Well Field for wells 11 and 12. This generator is needed to maintain continuous service to the potable water system. (Severe Summer Weather)

Cost Effective	**3**
Technically Feasible	**3**
Environmentally Sound	**4**
Immediate Need	**4**
Risk Reduction	**4**

Q40

Furnish and install an emergency generator with automatic transfer switch at the Environmental Services facility. The facility is the receiving facility for storm debris and 24/7 operation could be needed. (Severe Summer Weather)

Cost Effective	**3**
Technically Feasible	**3**
Environmentally Sound	**4**
Immediate Need	**3**
Risk Reduction	**3**

Q41

Supply equipment to manage storm debris. (Severe Summer Weather)

Cost Effective	**3**
Technically Feasible	**3**
Environmentally Sound	**4**
Immediate Need	**3**
Risk Reduction	**3**

Q42

Supply two portable generators with emergency connections to be used at sanitary lift stations and potable water pump stations during power outages. (Severe Summer Weather)

Cost Effective	**3**
Technically Feasible	**3**
Environmentally Sound	**4**
Immediate Need	**4**
Risk Reduction	**4**

Q43

Establish and encourage the use of weather warning radios in all public spaces, businesses, and residences. (Severe Winter Weather)

Cost Effective	**4**
Technically Feasible	**4**
Environmentally Sound	**4**
Immediate Need	**4**
Risk Reduction	**4**

Q44

Upgrade windows to high impact windows on schools. (Terrorism)

Cost Effective	**3**
Technically Feasible	**3**
Environmentally Sound	**4**
Immediate Need	**3**
Risk Reduction	**4**

Q45

Appeal to the State to enhance or create wind/impact resistant Ohio Basic Building Code(s). (Tornado)

Cost Effective	**3**
Technically Feasible	**3**
Environmentally Sound	**4**
Immediate Need	**3**
Risk Reduction	**3**

Q46

Construct tornado safe rooms in public areas and neighborhoods without basements. (Tornado)

Cost Effective	**2**
Technically Feasible	**2**
Environmentally Sound	**4**
Immediate Need	**4**
Risk Reduction	**4**

Q47

Encourage the use of wind and impact resistant building components designed to withstand tornado strength winds. (Tornado)

Cost Effective	**3**
Technically Feasible	**3**
Environmentally Sound	**4**
Immediate Need	**4**
Risk Reduction	**4**

Q48

Install a tornado warning system on the north end of town near the university campus. (Tornado)

Cost Effective	**3**
Technically Feasible	**3**
Environmentally Sound	**4**
Immediate Need	**4**
Risk Reduction	**4**

Q49

Request legislation requiring tornado safe rooms in new mobile home communities and new residential communities without basements. (Tornado)

Cost Effective	**3**
Technically Feasible	**3**
Environmentally Sound	**4**
Immediate Need	**3**
Risk Reduction	**4**

Q50

Seek $2.1 million in funding to install a county-wide tornado warning system complete with battery backup in communities with inadequate coverage, or no tornado siren systems. (Tornado)

Cost Effective	**2**
Technically Feasible	**2**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**3**

Q51

Supply of a portable 6-inch bypass pump that will be used to bypass pump the sanitary sewer in the event of a catastrophic failure of the system. The proximity of local streams, creeks, and rivers make this equipment a higher priority to prevent pollution of the environment. (Tornado)

Cost Effective	**3**
Technically Feasible	**3**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**3**

Q52

Supply of an emergency response trailer including chainsaws, traffic safety signage, and proper PPE. (Tornado)

Cost Effective	**3**
Technically Feasible	**3**
Environmentally Sound	**4**
Immediate Need	**3**
Risk Reduction	**3**

Q53

Test the effectiveness of tornado sirens. (Tornado)

Cost Effective	**4**
Technically Feasible	**4**
Environmentally Sound	**4**
Immediate Need	**3**
Risk Reduction	**3**

Q54

Tornado safe rooms for Kitridge Road, Spangler Road and Spring Valley and State Route 725 Trailer Parks. (Tornado)

Cost Effective	**3**
Technically Feasible	**3**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**3**

Q55

Launch educational campaigns through public/government cable channels and newsletters, websites, street festivals, libraries, school functions, etc. (Water Quality)

Cost Effective	**2**
Technically Feasible	**2**
Environmentally Sound	**3**
Immediate Need	**2**
Risk Reduction	**2**

Q56

Develop and distribute information about risks associated with wildfires. (Wildfire)

Cost Effective	**2**
Technically Feasible	**2**
Environmentally Sound	**3**
Immediate Need	**2**
Risk Reduction	**2**

Page 16: Required Actions: All Jurisdictions

Q232

Required New Action: Work with all jurisdictions on filling in gaps and strengthening capabilities in enacting mitigation strategies.

Cost Effective	**4**
Technically Sound	**4**
Environmentally Sound	**4**
Immediate Need	**4**
Risk Reduction	**4**

Q233

Required New Action: Ensure all eligible jurisdictions are participating in the NFIP.

Cost Effective	**3**
Technically Sound	**3**
Environmentally Sound	**4**
Immediate Need	**3**
Risk Reduction	**3**

Q234

Required New Action: Ensure all high-hazard potential dams have updated Emergency Action Plans (EAPs) in place.

Cost Effective	**3**
Technically Sound	**3**
Environmentally Sound	**4**
Immediate Need	**4**
Risk Reduction	**4**

Q235

Required New Action: Obtain or create inundation maps for all dams.

Cost Effective	**3**
Technically Sound	**3**
Environmentally Sound	**4**
Immediate Need	**3**
Risk Reduction	**3**

Page 17: New Actions

Q236

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q237

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q238

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q239

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q240

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q241

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q242

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q243

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q244

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q245

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q246

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q247

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q248

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q249

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q250

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q251

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q252

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q253

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q254

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

#9

COMPLETE

Collector:	Web Link 1 (Web Link)
Started:	Wednesday, April 16, 2025 1:25:43 PM
Last Modified:	Wednesday, April 16, 2025 1:45:49 PM
Time Spent:	00:20:06
IP Address:	98.103.106.66

Page 1: Survey Description

Q1

Contact Information

Name	**Rusty Cross**
Organization/Agency	**Spring Valley Twp. Fire Dept.**
Title/Position	**Fire Chief**
Email Address	**rcross@svtwp.org**

Q2 **Yes**

Did you complete the Previous Mitigation Action Survey?

Page 2: Jurisdiction

Q3 **Spring Valley Township**

Which jurisdiction do you represent?

Page 3: Jurisdiction

Q4 **Respondent skipped this question**

Which jurisdiction do you represent?

Page 4: Mitigation Actions: Greene County (Page 1 of 2)

Q5

Concrete, structural repairs, and other improvements at Huffman Dam. (Dam/Levee Failure)

Cost Effective	**3**
Technically Feasible	**2**
Environmentally Sound	**3**
Immediate Need	**2**
Risk Reduction	**3**

Q6

Construct or repair storm drainage systems and/or levees. (Dam/Levee Failure)

Cost Effective	**3**
Technically Feasible	**3**
Environmentally Sound	**3**
Immediate Need	**4**
Risk Reduction	**4**

Q7

Develop a dam failure evacuation plan for Huffman Dam. (Dam/Levee Failure)

Cost Effective	**3**
Technically Feasible	**4**
Environmentally Sound	**4**
Immediate Need	**4**
Risk Reduction	**4**

Q8

Structural stability analysis of Huffman Dam to assess any risks and develop a rehabilitation strategy, if necessary. (Dam/Levee Failure)

Cost Effective	**3**
Technically Feasible	**3**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**3**

Q9

Update dam maintenance programs and services. (Dam/Levee Failure)

Cost Effective	**3**
Technically Feasible	**4**
Environmentally Sound	**4**
Immediate Need	**4**
Risk Reduction	**4**

Q10

Develop and distribute information about risks associated with drought. (Drought)

Cost Effective	**4**
Technically Feasible	**3**
Environmentally Sound	**4**
Immediate Need	**4**
Risk Reduction	**4**

Q11

Require compliance and enforcement of existing building codes. (Earthquakes)

Cost Effective	**1**
Technically Feasible	**2**
Environmentally Sound	**2**
Immediate Need	**2**
Risk Reduction	**3**

Q12

Establish clearly identified places of refuge within public facilities and spaces, neighborhoods, and businesses. (Extreme Temperatures)

Cost Effective	**2**
Technically Feasible	**3**
Environmentally Sound	**3**
Immediate Need	**4**
Risk Reduction	**4**

Q13

Establish program(s) providing air conditioning to at-risk populations. (Extreme Temperatures)

Cost Effective	**2**
Technically Feasible	**3**
Environmentally Sound	**3**
Immediate Need	**4**
Risk Reduction	**4**

Q14

Provide water and shade at all public outdoor events during extreme heat. (Extreme Temperatures)

Cost Effective	**3**
Technically Feasible	**4**
Environmentally Sound	**4**
Immediate Need	**4**
Risk Reduction	**4**

Q15

Develop a set of planned alternative routes and gate frequently flooded areas and inform the citizens. (Flooding)

Cost Effective	**3**
Technically Feasible	**4**
Environmentally Sound	**4**
Immediate Need	**5**
Risk Reduction	**5**

Q16

Develop and distribute an informational brochure on the types of homeowner’s hazard insurance, i.e. flood, fire, earthquake, etc. (Flooding)

Cost Effective	**2**
Technically Feasible	**3**
Environmentally Sound	**3**
Immediate Need	**4**
Risk Reduction	**4**

Q17

Encourage regular and periodic pier inspections for bridges. (Flooding)

Cost Effective	**4**
Technically Feasible	**4**
Environmentally Sound	**4**
Immediate Need	**4**
Risk Reduction	**4**

Q18

Encourage watershed and wetland planning, as well as natural resource management in conjunction with land-use planning for natural hazard mitigation. (Flooding)

Cost Effective	**3**
Technically Feasible	**4**
Environmentally Sound	**4**
Immediate Need	**4**
Risk Reduction	**4**

Q19

Establish a Flood Diversion program for roads in Greene County using the Hyper Reach mass notification system. (Flooding)

Cost Effective	**3**
Technically Feasible	**4**
Environmentally Sound	**4**
Immediate Need	**4**
Risk Reduction	**4**

Q20

Identify at-risk structures in Special Flood Hazard Area. (Flooding)

Cost Effective	**3**
Technically Feasible	**3**
Environmentally Sound	**4**
Immediate Need	**4**
Risk Reduction	**4**

Q21

Massie Creek US 68 N property acquisition; Kaufman/Washington Mill/Patterson. (Flooding)

Cost Effective	**2**
Technically Feasible	**3**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**3**

Q22

Educate the public, businesses and residents, of the importance of creating hazard contingency plans (May be included in materials about natural hazard risk). (Hazardous Materials)

Cost Effective	**3**
Technically Feasible	**3**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**3**

Q23

Partner with organizations whose mission is to restore or preserve beneficial natural systems (wetlands, watersheds, etc.). (Invasive Species)

Cost Effective	**2**
Technically Feasible	**2**
Environmentally Sound	**2**
Immediate Need	**2**
Risk Reduction	**2**

Q24

Develop and complete a baseline survey to gather citizens' perceptions of the risks associated with natural disasters and the tools and services available to the public to reduce risk. (Multiple Hazards)

Cost Effective	**2**
Technically Feasible	**2**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**3**

Q25

Develop and complete a periodic post- educational campaign surveys to gather citizens' perceptions of the risks associated with natural disasters and the tools and services available to the public to reduce risk (Method to measure the effectiveness of educational campaigns). (Multiple Hazards)

Cost Effective	**3**
Technically Feasible	**3**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**4**

Q26

Develop and distribute information about risks associated with the identified natural disasters affecting the County. (Multiple Hazards)

Cost Effective	**3**
Technically Feasible	**4**
Environmentally Sound	**4**
Immediate Need	**4**
Risk Reduction	**4**

Q27

Encourage code enforcement and engineering practitioners to enroll in seminars/classes offered by accredited building training centers that showcase the latest materials and techniques in natural hazard resistant construction. (Multiple Hazards)

Cost Effective	**4**
Technically Feasible	**4**
Environmentally Sound	**4**
Immediate Need	**4**
Risk Reduction	**4**

Q28

Encourage jurisdictions to prevent or prohibit new development in areas vulnerable to natural hazards. (Multiple Hazards)

Cost Effective	**4**
Technically Feasible	**4**
Environmentally Sound	**4**
Immediate Need	**5**
Risk Reduction	**4**

Q29

Encourage mitigation measures for existing development in areas vulnerable to natural hazards. (Multiple Hazards)

Cost Effective	**4**
Technically Feasible	**4**
Environmentally Sound	**4**
Immediate Need	**4**
Risk Reduction	**4**

Q30

Encourage the cooperation of neighbors to include, but not limited to: Contingency plans for the evacuation and care of neighboring families and pets and communication among the neighbors in the event of a natural hazard.; Contingency plans for checking- in on the shut-in and frail elderly neighbors. (Multiple Hazards)

Cost Effective	**2**
Technically Feasible	**3**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**3**

Q31

Two maps should be generated as established in the Miami Valley Emergency Operations Plan, 1993, Annex L, Damage Assessment, PG L-5. One map should graphically display Public damage where the worst damage is located and where minimal damage is located. The second should address the same for Private damages. (Multiple Hazards)

Cost Effective	**4**
Technically Feasible	**3**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**4**

Page 5: Mitigation Actions: Greene County (Page 2 of 2)

Q32

Develop and distribute information/education on weather- related-preparedness tools and resources, i.e. sources to purchase such material, etc. (Severe Summer Weather)

Cost Effective	**4**
Technically Feasible	**5**
Environmentally Sound	**5**
Immediate Need	**5**
Risk Reduction	**5**

Q33

Develop and launch awareness/educational campaigns to increase knowledge of weather alert methods (alert radios, e-mail, cell phones, etc.). (Severe Summer Weather)

Cost Effective	**4**
Technically Feasible	**4**
Environmentally Sound	**4**
Immediate Need	**4**
Risk Reduction	**4**

Q34

Educate the public on the importance of properly trimming and maintaining the trees on their property (may be included in materials about natural hazard risk). (Severe Summer Weather)

Cost Effective	**3**
Technically Feasible	**4**
Environmentally Sound	**4**
Immediate Need	**4**
Risk Reduction	**5**

Q35

Encourage the use of vinyl siding to reduce dent damage due to hail incidents. (Severe Summer Weather)

Cost Effective	**4**
Technically Feasible	**4**
Environmentally Sound	**5**
Immediate Need	**5**
Risk Reduction	**5**

Q36

Encourage utility companies to hire tree trimming contractors who are capable of a more citizen friendly trimming service (Severe Summer Weather)

Cost Effective	**4**
Technically Feasible	**4**
Environmentally Sound	**4**
Immediate Need	**4**
Risk Reduction	**5**

Q37

Furnish and install a 25KW Emergency Standby Generator with Automatic Transfer Switch at Gerspacher Water Tower. This generator is needed to maintain communications. (Severe Summer Weather)

Cost Effective	**4**
Technically Feasible	**4**
Environmentally Sound	**4**
Immediate Need	**4**
Risk Reduction	**4**

Q38

Furnish and install a 25KW Emergency Standby Generator with Automatic Transfer Switch at Indian Ripple Water Tower. This generator is needed to maintain communications. (Severe Summer Weather)

Cost Effective	**4**
Technically Feasible	**4**
Environmentally Sound	**4**
Immediate Need	**4**
Risk Reduction	**4**

Q39

Furnish and install a 40KW Emergency Standby Generator with Automatic Transfer Switch at the Valley Well Field for wells 11 and 12. This generator is needed to maintain continuous service to the potable water system. (Severe Summer Weather)

Cost Effective	**4**
Technically Feasible	**4**
Environmentally Sound	**4**
Immediate Need	**4**
Risk Reduction	**4**

Q40

Furnish and install an emergency generator with automatic transfer switch at the Environmental Services facility. The facility is the receiving facility for storm debris and 24/7 operation could be needed. (Severe Summer Weather)

Cost Effective	**4**
Technically Feasible	**4**
Environmentally Sound	**4**
Immediate Need	**4**
Risk Reduction	**4**

Q41

Supply equipment to manage storm debris. (Severe Summer Weather)

Cost Effective	**3**
Technically Feasible	**4**
Environmentally Sound	**4**
Immediate Need	**5**
Risk Reduction	**5**

Q42

Supply two portable generators with emergency connections to be used at sanitary lift stations and potable water pump stations during power outages. (Severe Summer Weather)

Cost Effective	**4**
Technically Feasible	**4**
Environmentally Sound	**4**
Immediate Need	**4**
Risk Reduction	**4**

Q43

Establish and encourage the use of weather warning radios in all public spaces, businesses, and residences. (Severe Winter Weather)

Cost Effective	**3**
Technically Feasible	**3**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**3**

Q44

Upgrade windows to high impact windows on schools. (Terrorism)

Cost Effective	**2**
Technically Feasible	**4**
Environmentally Sound	**4**
Immediate Need	**4**
Risk Reduction	**4**

Q45

Appeal to the State to enhance or create wind/impact resistant Ohio Basic Building Code(s). (Tornado)

Cost Effective	**4**
Technically Feasible	**3**
Environmentally Sound	**4**
Immediate Need	**4**
Risk Reduction	**5**

Q46

Construct tornado safe rooms in public areas and neighborhoods without basements. (Tornado)

Cost Effective	**5**
Technically Feasible	**5**
Environmentally Sound	**5**
Immediate Need	**5**
Risk Reduction	**5**

Q47

Encourage the use of wind and impact resistant building components designed to withstand tornado strength winds. (Tornado)

Cost Effective	**4**
Technically Feasible	**4**
Environmentally Sound	**4**
Immediate Need	**4**
Risk Reduction	**4**

Q48

Install a tornado warning system on the north end of town near the university campus. (Tornado)

Cost Effective	**3**
Technically Feasible	**4**
Environmentally Sound	**4**
Immediate Need	**4**
Risk Reduction	**4**

Q49

Request legislation requiring tornado safe rooms in new mobile home communities and new residential communities without basements. (Tornado)

Cost Effective	**4**
Technically Feasible	**4**
Environmentally Sound	**4**
Immediate Need	**4**
Risk Reduction	**4**

Q50

Seek $2.1 million in funding to install a county-wide tornado warning system complete with battery backup in communities with inadequate coverage, or no tornado siren systems. (Tornado)

Cost Effective	**4**
Technically Feasible	**4**
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Q51

Supply of a portable 6-inch bypass pump that will be used to bypass pump the sanitary sewer in the event of a catastrophic failure of the system. The proximity of local streams, creeks, and rivers make this equipment a higher priority to prevent pollution of the environment. (Tornado)

Cost Effective	**2**
Technically Feasible	**3**
Environmentally Sound	**4**
Immediate Need	**4**
Risk Reduction	**5**

Q52

Supply of an emergency response trailer including chainsaws, traffic safety signage, and proper PPE. (Tornado)

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Test the effectiveness of tornado sirens. (Tornado)

Cost Effective	**4**
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Immediate Need	**5**
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Tornado safe rooms for Kitridge Road, Spangler Road and Spring Valley and State Route 725 Trailer Parks. (Tornado)

Cost Effective	**5**
Technically Feasible	**5**
Environmentally Sound	**5**
Immediate Need	**5**
Risk Reduction	**5**

Q55

Launch educational campaigns through public/government cable channels and newsletters, websites, street festivals, libraries, school functions, etc. (Water Quality)

Cost Effective	**4**
Technically Feasible	**4**
Environmentally Sound	**4**
Immediate Need	**4**
Risk Reduction	**4**

Q56

Develop and distribute information about risks associated with wildfires. (Wildfire)

Cost Effective	**3**
Technically Feasible	**3**
Environmentally Sound	**2**
Immediate Need	**4**
Risk Reduction	**4**

Page 16: Required Actions: All Jurisdictions

Q232

Required New Action: Work with all jurisdictions on filling in gaps and strengthening capabilities in enacting mitigation strategies.

Cost Effective	**4**
Technically Sound	**5**
Environmentally Sound	**5**
Immediate Need	**5**
Risk Reduction	**5**

Q233

Required New Action: Ensure all eligible jurisdictions are participating in the NFIP.

Cost Effective	**4**
Technically Sound	**4**
Environmentally Sound	**5**
Immediate Need	**5**
Risk Reduction	**5**

Q234

Required New Action: Ensure all high-hazard potential dams have updated Emergency Action Plans (EAPs) in place.

Cost Effective	**3**
Technically Sound	**5**
Environmentally Sound	**4**
Immediate Need	**4**
Risk Reduction	**4**

Q235

Required New Action: Obtain or create inundation maps for all dams.

Cost Effective	**3**
Technically Sound	**3**
Environmentally Sound	**4**
Immediate Need	**4**
Risk Reduction	**4**

Page 17: New Actions

Q236

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q237

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Q238

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Q245

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Q246

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Q247

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Q248

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Q249

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Q250

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Q251

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Q252

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Q253

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Respondent skipped this question

Q254

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

#4

COMPLETE

Collector:	Web Link 1 (Web Link)
Started:	Tuesday, April 15, 2025 1:44:39 PM
Last Modified:	Tuesday, April 15, 2025 1:59:25 PM
Time Spent:	00:14:46
IP Address:	98.103.106.66

Page 1: Survey Description

Q1

Contact Information

Name	**Rusty Cross**
Organization/Agency	**Spring Vlaley Twp. Fire Dept.**
Title/Position	**Fire Chief**
Email Address	**rcross@svtwp.org**

Q2 **Yes**

Did you complete the Previous Mitigation Action Survey?

Page 2: Jurisdiction

Q3 **Spring Valley Township**

Which jurisdiction do you represent?

Page 3: Jurisdiction

Q4 **Respondent skipped this question**

Which jurisdiction do you represent?

Page 4: Mitigation Actions: Greene County (Page 1 of 2)

Q5

Concrete, structural repairs, and other improvements at Huffman Dam. (Dam/Levee Failure)

Cost Effective	**1**
Technically Feasible	**3**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**3**

Q6

Construct or repair storm drainage systems and/or levees. (Dam/Levee Failure)

Cost Effective	**1**
Technically Feasible	**3**
Environmentally Sound	**4**
Immediate Need	**4**
Risk Reduction	**4**

Q7

Develop a dam failure evacuation plan for Huffman Dam. (Dam/Levee Failure)

Cost Effective	**2**
Technically Feasible	**3**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**4**

Q8

Structural stability analysis of Huffman Dam to assess any risks and develop a rehabilitation strategy, if necessary. (Dam/Levee Failure)

Cost Effective	**2**
Technically Feasible	**3**
Environmentally Sound	**3**
Immediate Need	**4**
Risk Reduction	**3**

Q9

Update dam maintenance programs and services. (Dam/Levee Failure)

Cost Effective	**1**
Technically Feasible	**2**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**2**

Q10

Develop and distribute information about risks associated with drought. (Drought)

Cost Effective	**3**
Technically Feasible	**4**
Environmentally Sound	**4**
Immediate Need	**4**
Risk Reduction	**4**

Q11

Require compliance and enforcement of existing building codes. (Earthquakes)

Cost Effective	**1**
Technically Feasible	**2**
Environmentally Sound	**2**
Immediate Need	**2**
Risk Reduction	**4**

Q12

Establish clearly identified places of refuge within public facilities and spaces, neighborhoods, and businesses. (Extreme Temperatures)

Cost Effective	**1**
Technically Feasible	**2**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**3**

Q13

Establish program(s) providing air conditioning to at-risk populations. (Extreme Temperatures)

Cost Effective	**2**
Technically Feasible	**4**
Environmentally Sound	**3**
Immediate Need	**4**
Risk Reduction	**3**

Q14

Provide water and shade at all public outdoor events during extreme heat. (Extreme Temperatures)

Cost Effective	**2**
Technically Feasible	**3**
Environmentally Sound	**2**
Immediate Need	**4**
Risk Reduction	**3**

Q15

Develop a set of planned alternative routes and gate frequently flooded areas and inform the citizens. (Flooding)

Cost Effective	**3**
Technically Feasible	**4**
Environmentally Sound	**4**
Immediate Need	**5**
Risk Reduction	**4**

Q16

Develop and distribute an informational brochure on the types of homeowner’s hazard insurance, i.e. flood, fire, earthquake, etc. (Flooding)

Cost Effective	**2**
Technically Feasible	**4**
Environmentally Sound	**3**
Immediate Need	**4**
Risk Reduction	**4**

Q17

Encourage regular and periodic pier inspections for bridges. (Flooding)

Cost Effective	**5**
Technically Feasible	**5**
Environmentally Sound	**5**
Immediate Need	**5**
Risk Reduction	**5**

Q18

Encourage watershed and wetland planning, as well as natural resource management in conjunction with land-use planning for natural hazard mitigation. (Flooding)

Cost Effective	**3**
Technically Feasible	**4**
Environmentally Sound	**4**
Immediate Need	**4**
Risk Reduction	**4**

Q19

Establish a Flood Diversion program for roads in Greene County using the Hyper Reach mass notification system. (Flooding)

Cost Effective	**1**
Technically Feasible	**1**
Environmentally Sound	**1**
Immediate Need	**1**
Risk Reduction	**1**

Q20

Identify at-risk structures in Special Flood Hazard Area. (Flooding)

Cost Effective	**2**
Technically Feasible	**3**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**3**

Q21

Massie Creek US 68 N property acquisition; Kaufman/Washington Mill/Patterson. (Flooding)

Cost Effective	**2**
Technically Feasible	**2**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**3**

Q22

Educate the public, businesses and residents, of the importance of creating hazard contingency plans (May be included in materials about natural hazard risk). (Hazardous Materials)

Cost Effective	**2**
Technically Feasible	**3**
Environmentally Sound	**3**
Immediate Need	**2**
Risk Reduction	**2**

Q23

Partner with organizations whose mission is to restore or preserve beneficial natural systems (wetlands, watersheds, etc.). (Invasive Species)

Cost Effective	**3**
Technically Feasible	**4**
Environmentally Sound	**4**
Immediate Need	**4**
Risk Reduction	**4**

Q24

Develop and complete a baseline survey to gather citizens' perceptions of the risks associated with natural disasters and the tools and services available to the public to reduce risk. (Multiple Hazards)

Cost Effective	**5**
Technically Feasible	**5**
Environmentally Sound	**5**
Immediate Need	**5**
Risk Reduction	**5**

Q25

Develop and complete a periodic post- educational campaign surveys to gather citizens' perceptions of the risks associated with natural disasters and the tools and services available to the public to reduce risk (Method to measure the effectiveness of educational campaigns). (Multiple Hazards)

Cost Effective	**3**
Technically Feasible	**4**
Environmentally Sound	**4**
Immediate Need	**3**
Risk Reduction	**3**

Q26

Develop and distribute information about risks associated with the identified natural disasters affecting the County. (Multiple Hazards)

Cost Effective	**2**
Technically Feasible	**3**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**3**

Q27

Encourage code enforcement and engineering practitioners to enroll in seminars/classes offered by accredited building training centers that showcase the latest materials and techniques in natural hazard resistant construction. (Multiple Hazards)

Cost Effective	**1**
Technically Feasible	**2**
Environmentally Sound	**2**
Immediate Need	**3**
Risk Reduction	**3**

Q28

Encourage jurisdictions to prevent or prohibit new development in areas vulnerable to natural hazards. (Multiple Hazards)

Cost Effective	**1**
Technically Feasible	**1**
Environmentally Sound	**1**
Immediate Need	**1**
Risk Reduction	**1**

Q29

Encourage mitigation measures for existing development in areas vulnerable to natural hazards. (Multiple Hazards)

Cost Effective	**2**
Technically Feasible	**4**
Environmentally Sound	**4**
Immediate Need	**4**
Risk Reduction	**4**

Q30

Encourage the cooperation of neighbors to include, but not limited to: Contingency plans for the evacuation and care of neighboring families and pets and communication among the neighbors in the event of a natural hazard.; Contingency plans for checking- in on the shut-in and frail elderly neighbors. (Multiple Hazards)

Cost Effective	**2**
Technically Feasible	**3**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**3**

Q31

Two maps should be generated as established in the Miami Valley Emergency Operations Plan, 1993, Annex L, Damage Assessment, PG L-5. One map should graphically display Public damage where the worst damage is located and where minimal damage is located. The second should address the same for Private damages. (Multiple Hazards)

Cost Effective	**2**
Technically Feasible	**4**
Environmentally Sound	**4**
Immediate Need	**3**
Risk Reduction	**3**

Page 5: Mitigation Actions: Greene County (Page 2 of 2)

Q32

Develop and distribute information/education on weather- related-preparedness tools and resources, i.e. sources to purchase such material, etc. (Severe Summer Weather)

Cost Effective	**4**
Technically Feasible	**4**
Environmentally Sound	**4**
Immediate Need	**4**
Risk Reduction	**4**

Q33

Develop and launch awareness/educational campaigns to increase knowledge of weather alert methods (alert radios, e-mail, cell phones, etc.). (Severe Summer Weather)

Cost Effective	**5**
Technically Feasible	**5**
Environmentally Sound	**5**
Immediate Need	**5**
Risk Reduction	**5**

Q34

Educate the public on the importance of properly trimming and maintaining the trees on their property (may be included in materials about natural hazard risk). (Severe Summer Weather)

Cost Effective	**4**
Technically Feasible	**4**
Environmentally Sound	**4**
Immediate Need	**4**
Risk Reduction	**4**

Q35

Encourage the use of vinyl siding to reduce dent damage due to hail incidents. (Severe Summer Weather)

Cost Effective	**2**
Technically Feasible	**4**
Environmentally Sound	**4**
Immediate Need	**4**
Risk Reduction	**4**

Q36

Encourage utility companies to hire tree trimming contractors who are capable of a more citizen friendly trimming service (Severe Summer Weather)

Cost Effective	**5**
Technically Feasible	**5**
Environmentally Sound	**5**
Immediate Need	**5**
Risk Reduction	**5**

Q37

Furnish and install a 25KW Emergency Standby Generator with Automatic Transfer Switch at Gerspacher Water Tower. This generator is needed to maintain communications. (Severe Summer Weather)

Cost Effective	**5**
Technically Feasible	**5**
Environmentally Sound	**5**
Immediate Need	**5**
Risk Reduction	**5**

Q38

Furnish and install a 25KW Emergency Standby Generator with Automatic Transfer Switch at Indian Ripple Water Tower. This generator is needed to maintain communications. (Severe Summer Weather)

Cost Effective	**1**
Technically Feasible	**5**
Environmentally Sound	**5**
Immediate Need	**5**
Risk Reduction	**5**

Q39

Furnish and install a 40KW Emergency Standby Generator with Automatic Transfer Switch at the Valley Well Field for wells 11 and 12. This generator is needed to maintain continuous service to the potable water system. (Severe Summer Weather)

Cost Effective	**2**
Technically Feasible	**5**
Environmentally Sound	**5**
Immediate Need	**5**
Risk Reduction	**5**

Q40

Furnish and install an emergency generator with automatic transfer switch at the Environmental Services facility. The facility is the receiving facility for storm debris and 24/7 operation could be needed. (Severe Summer Weather)

Cost Effective	**1**
Technically Feasible	**5**
Environmentally Sound	**5**
Immediate Need	**5**
Risk Reduction	**5**

Q41

Supply equipment to manage storm debris. (Severe Summer Weather)

Cost Effective	**1**
Technically Feasible	**3**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**3**

Q42

Supply two portable generators with emergency connections to be used at sanitary lift stations and potable water pump stations during power outages. (Severe Summer Weather)

Cost Effective	**1**
Technically Feasible	**3**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**3**

Q43

Establish and encourage the use of weather warning radios in all public spaces, businesses, and residences. (Severe Winter Weather)

Cost Effective	**1**
Technically Feasible	**1**
Environmentally Sound	**1**
Immediate Need	**1**
Risk Reduction	**1**

Q44

Upgrade windows to high impact windows on schools. (Terrorism)

Cost Effective	**1**
Technically Feasible	**4**
Environmentally Sound	**4**
Immediate Need	**4**
Risk Reduction	**4**

Q45

Appeal to the State to enhance or create wind/impact resistant Ohio Basic Building Code(s). (Tornado)

Cost Effective	**1**
Technically Feasible	**4**
Environmentally Sound	**4**
Immediate Need	**4**
Risk Reduction	**4**

Q46

Construct tornado safe rooms in public areas and neighborhoods without basements. (Tornado)

Cost Effective	**1**
Technically Feasible	**5**
Environmentally Sound	**5**
Immediate Need	**5**
Risk Reduction	**5**

Q47

Encourage the use of wind and impact resistant building components designed to withstand tornado strength winds. (Tornado)

Cost Effective	**1**
Technically Feasible	**4**
Environmentally Sound	**4**
Immediate Need	**4**
Risk Reduction	**4**

Q48

Install a tornado warning system on the north end of town near the university campus. (Tornado)

Cost Effective	**1**
Technically Feasible	**5**
Environmentally Sound	**5**
Immediate Need	**5**
Risk Reduction	**5**

Q49

Request legislation requiring tornado safe rooms in new mobile home communities and new residential communities without basements. (Tornado)

Cost Effective	**1**
Technically Feasible	**4**
Environmentally Sound	**4**
Immediate Need	**4**
Risk Reduction	**4**

Q50

Seek $2.1 million in funding to install a county-wide tornado warning system complete with battery backup in communities with inadequate coverage, or no tornado siren systems. (Tornado)

Cost Effective	**3**
Technically Feasible	**5**
Environmentally Sound	**5**
Immediate Need	**5**
Risk Reduction	**5**

Q51

Supply of a portable 6-inch bypass pump that will be used to bypass pump the sanitary sewer in the event of a catastrophic failure of the system. The proximity of local streams, creeks, and rivers make this equipment a higher priority to prevent pollution of the environment. (Tornado)

Cost Effective	**2**
Technically Feasible	**3**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**3**

Q52

Supply of an emergency response trailer including chainsaws, traffic safety signage, and proper PPE. (Tornado)

Cost Effective	**3**
Technically Feasible	**5**
Environmentally Sound	**5**
Immediate Need	**5**
Risk Reduction	**5**

Q53

Test the effectiveness of tornado sirens. (Tornado)

Cost Effective	**5**
Technically Feasible	**5**
Environmentally Sound	**5**
Immediate Need	**5**
Risk Reduction	**5**

Q54

Tornado safe rooms for Kitridge Road, Spangler Road and Spring Valley and State Route 725 Trailer Parks. (Tornado)

Cost Effective	**2**
Technically Feasible	**5**
Environmentally Sound	**5**
Immediate Need	**5**
Risk Reduction	**5**

Q55

Launch educational campaigns through public/government cable channels and newsletters, websites, street festivals, libraries, school functions, etc. (Water Quality)

Cost Effective	**2**
Technically Feasible	**4**
Environmentally Sound	**4**
Immediate Need	**4**
Risk Reduction	**4**

Q56

Develop and distribute information about risks associated with wildfires. (Wildfire)

Cost Effective	**2**
Technically Feasible	**3**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**3**

Page 16: Required Actions: All Jurisdictions

Q232

Required New Action: Work with all jurisdictions on filling in gaps and strengthening capabilities in enacting mitigation strategies.

Cost Effective	**3**
Technically Sound	**5**
Environmentally Sound	**5**
Immediate Need	**5**
Risk Reduction	**5**

Q233

Required New Action: Ensure all eligible jurisdictions are participating in the NFIP.

Cost Effective	**4**
Technically Sound	**4**
Environmentally Sound	**4**
Immediate Need	**4**
Risk Reduction	**4**

Q234

Required New Action: Ensure all high-hazard potential dams have updated Emergency Action Plans (EAPs) in place.

Cost Effective	**4**
Technically Sound	**4**
Environmentally Sound	**4**
Immediate Need	**4**
Risk Reduction	**4**

Q235

Required New Action: Obtain or create inundation maps for all dams.

Cost Effective	**4**
Technically Sound	**4**
Environmentally Sound	**4**
Immediate Need	**4**
Risk Reduction	**4**

Page 17: New Actions

Q236

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Q253

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Respondent skipped this question

Q254

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Respondent skipped this question

#1

COMPLETE

Collector:	Web Link 1 (Web Link)
Started:	Wednesday, April 09, 2025 1:59:45 PM
Last Modified:	Wednesday, April 09, 2025 2:18:41 PM
Time Spent:	00:18:56
IP Address:	104.55.151.191

Page 1: Survey Description

Q1

Contact Information

Name	**kate Hone**
Organization/Agency	**BTFD Auxiliary/CERT**
Title/Position	**Auxiliary Leader**
Email Address	**katehone@icloud.com**

Q2 **Yes**

Did you complete the Previous Mitigation Action Survey?

Page 2: Jurisdiction

Q3 **Beavercreek Township**

Which jurisdiction do you represent?

Page 3: Jurisdiction

Q4 **Respondent skipped this question**

Which jurisdiction do you represent?

Page 4: Mitigation Actions: Greene County (Page 1 of 2)

Q5

Concrete, structural repairs, and other improvements at Huffman Dam. (Dam/Levee Failure)

Cost Effective	**3**
Technically Feasible	**3**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**3**

Q6

Construct or repair storm drainage systems and/or levees. (Dam/Levee Failure)

Cost Effective	**4**
Technically Feasible	**3**
Environmentally Sound	**3**
Immediate Need	**5**
Risk Reduction	**4**

Q7

Develop a dam failure evacuation plan for Huffman Dam. (Dam/Levee Failure)

Cost Effective	**3**
Technically Feasible	**4**
Environmentally Sound	**4**
Immediate Need	**4**
Risk Reduction	**3**

Q8

Structural stability analysis of Huffman Dam to assess any risks and develop a rehabilitation strategy, if necessary. (Dam/Levee Failure)

Cost Effective	**3**
Technically Feasible	**4**
Environmentally Sound	**3**
Immediate Need	**4**
Risk Reduction	**4**

Q9

Update dam maintenance programs and services. (Dam/Levee Failure)

Cost Effective	**3**
Technically Feasible	**3**
Environmentally Sound	**3**
Immediate Need	**4**
Risk Reduction	**4**

Q10

Develop and distribute information about risks associated with drought. (Drought)

Cost Effective	**3**
Technically Feasible	**5**
Environmentally Sound	**3**
Immediate Need	**4**
Risk Reduction	**3**

Q11

Require compliance and enforcement of existing building codes. (Earthquakes)

Cost Effective	**3**
Technically Feasible	**5**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**3**

Q12

Establish clearly identified places of refuge within public facilities and spaces, neighborhoods, and businesses. (Extreme Temperatures)

Cost Effective	**5**
Technically Feasible	**5**
Environmentally Sound	**4**
Immediate Need	**4**
Risk Reduction	**4**

Q13

Establish program(s) providing air conditioning to at-risk populations. (Extreme Temperatures)

Cost Effective	**3**
Technically Feasible	**4**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**3**

Q14

Provide water and shade at all public outdoor events during extreme heat. (Extreme Temperatures)

Cost Effective	**3**
Technically Feasible	**5**
Environmentally Sound	**4**
Immediate Need	**4**
Risk Reduction	**4**

Q15

Develop a set of planned alternative routes and gate frequently flooded areas and inform the citizens. (Flooding)

Cost Effective	**3**
Technically Feasible	**5**
Environmentally Sound	**4**
Immediate Need	**5**
Risk Reduction	**4**

Q16

Develop and distribute an informational brochure on the types of homeowner’s hazard insurance, i.e. flood, fire, earthquake, etc. (Flooding)

Cost Effective	**3**
Technically Feasible	**5**
Environmentally Sound	**3**
Immediate Need	**4**
Risk Reduction	**4**

Q17

Encourage regular and periodic pier inspections for bridges. (Flooding)

Cost Effective	**3**
Technically Feasible	**4**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**3**

Q18

Encourage watershed and wetland planning, as well as natural resource management in conjunction with land-use planning for natural hazard mitigation. (Flooding)

Cost Effective	**4**
Technically Feasible	**5**
Environmentally Sound	**5**
Immediate Need	**4**
Risk Reduction	**4**

Q19

Establish a Flood Diversion program for roads in Greene County using the Hyper Reach mass notification system. (Flooding)

Cost Effective	**5**
Technically Feasible	**5**
Environmentally Sound	**5**
Immediate Need	**5**
Risk Reduction	**5**

Q20

Identify at-risk structures in Special Flood Hazard Area. (Flooding)

Cost Effective	**4**
Technically Feasible	**5**
Environmentally Sound	**3**
Immediate Need	**4**
Risk Reduction	**3**

Q21

Massie Creek US 68 N property acquisition; Kaufman/Washington Mill/Patterson. (Flooding)

Cost Effective	**3**
Technically Feasible	**5**
Environmentally Sound	**4**
Immediate Need	**4**
Risk Reduction	**4**

Q22

Educate the public, businesses and residents, of the importance of creating hazard contingency plans (May be included in materials about natural hazard risk). (Hazardous Materials)

Cost Effective	**4**
Technically Feasible	**5**
Environmentally Sound	**4**
Immediate Need	**4**
Risk Reduction	**4**

Q23

Partner with organizations whose mission is to restore or preserve beneficial natural systems (wetlands, watersheds, etc.). (Invasive Species)

Cost Effective	**5**
Technically Feasible	**5**
Environmentally Sound	**5**
Immediate Need	**4**
Risk Reduction	**5**

Q24

Develop and complete a baseline survey to gather citizens' perceptions of the risks associated with natural disasters and the tools and services available to the public to reduce risk. (Multiple Hazards)

Cost Effective	**3**
Technically Feasible	**4**
Environmentally Sound	**4**
Immediate Need	**3**
Risk Reduction	**3**

Q25

Develop and complete a periodic post- educational campaign surveys to gather citizens' perceptions of the risks associated with natural disasters and the tools and services available to the public to reduce risk (Method to measure the effectiveness of educational campaigns). (Multiple Hazards)

Cost Effective	**4**
Technically Feasible	**4**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**3**

Q26

Develop and distribute information about risks associated with the identified natural disasters affecting the County. (Multiple Hazards)

Cost Effective	**3**
Technically Feasible	**5**
Environmentally Sound	**4**
Immediate Need	**5**
Risk Reduction	**4**

Q27

Encourage code enforcement and engineering practitioners to enroll in seminars/classes offered by accredited building training centers that showcase the latest materials and techniques in natural hazard resistant construction. (Multiple Hazards)

Cost Effective	**5**
Technically Feasible	**5**
Environmentally Sound	**5**
Immediate Need	**4**
Risk Reduction	**2**

Q28

Encourage jurisdictions to prevent or prohibit new development in areas vulnerable to natural hazards. (Multiple Hazards)

Cost Effective	**5**
Technically Feasible	**5**
Environmentally Sound	**5**
Immediate Need	**5**
Risk Reduction	**5**

Q29

Encourage mitigation measures for existing development in areas vulnerable to natural hazards. (Multiple Hazards)

Cost Effective	**3**
Technically Feasible	**4**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**2**

Q30

Encourage the cooperation of neighbors to include, but not limited to: Contingency plans for the evacuation and care of neighboring families and pets and communication among the neighbors in the event of a natural hazard.; Contingency plans for checking- in on the shut-in and frail elderly neighbors. (Multiple Hazards)

Cost Effective	**4**
Technically Feasible	**5**
Environmentally Sound	**5**
Immediate Need	**5**
Risk Reduction	**5**

Q31

Two maps should be generated as established in the Miami Valley Emergency Operations Plan, 1993, Annex L, Damage Assessment, PG L-5. One map should graphically display Public damage where the worst damage is located and where minimal damage is located. The second should address the same for Private damages. (Multiple Hazards)

Cost Effective	**3**
Technically Feasible	**5**
Environmentally Sound	**4**
Immediate Need	**4**
Risk Reduction	**3**

Page 5: Mitigation Actions: Greene County (Page 2 of 2)

Q32

Develop and distribute information/education on weather- related-preparedness tools and resources, i.e. sources to purchase such material, etc. (Severe Summer Weather)

Cost Effective	**4**
Technically Feasible	**5**
Environmentally Sound	**5**
Immediate Need	**5**
Risk Reduction	**5**

Q33

Develop and launch awareness/educational campaigns to increase knowledge of weather alert methods (alert radios, e-mail, cell phones, etc.). (Severe Summer Weather)

Cost Effective	**4**
Technically Feasible	**5**
Environmentally Sound	**4**
Immediate Need	**4**
Risk Reduction	**4**

Q34

Educate the public on the importance of properly trimming and maintaining the trees on their property (may be included in materials about natural hazard risk). (Severe Summer Weather)

Cost Effective	**4**
Technically Feasible	**5**
Environmentally Sound	**4**
Immediate Need	**4**
Risk Reduction	**3**

Q35

Encourage the use of vinyl siding to reduce dent damage due to hail incidents. (Severe Summer Weather)

Cost Effective	**3**
Technically Feasible	**4**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**3**

Q36

Encourage utility companies to hire tree trimming contractors who are capable of a more citizen friendly trimming service (Severe Summer Weather)

Cost Effective	**5**
Technically Feasible	**5**
Environmentally Sound	**5**
Immediate Need	**5**
Risk Reduction	**5**

Q37

Furnish and install a 25KW Emergency Standby Generator with Automatic Transfer Switch at Gerspacher Water Tower. This generator is needed to maintain communications. (Severe Summer Weather)

Cost Effective	**4**
Technically Feasible	**5**
Environmentally Sound	**5**
Immediate Need	**5**
Risk Reduction	**5**

Q38

Furnish and install a 25KW Emergency Standby Generator with Automatic Transfer Switch at Indian Ripple Water Tower. This generator is needed to maintain communications. (Severe Summer Weather)

Cost Effective	**4**
Technically Feasible	**5**
Environmentally Sound	**5**
Immediate Need	**5**
Risk Reduction	**5**

Q39

Furnish and install a 40KW Emergency Standby Generator with Automatic Transfer Switch at the Valley Well Field for wells 11 and 12. This generator is needed to maintain continuous service to the potable water system. (Severe Summer Weather)

Cost Effective	**5**
Technically Feasible	**5**
Environmentally Sound	**5**
Immediate Need	**5**
Risk Reduction	**5**

Q40

Furnish and install an emergency generator with automatic transfer switch at the Environmental Services facility. The facility is the receiving facility for storm debris and 24/7 operation could be needed. (Severe Summer Weather)

Cost Effective	**4**
Technically Feasible	**5**
Environmentally Sound	**5**
Immediate Need	**5**
Risk Reduction	**4**

Q41

Supply equipment to manage storm debris. (Severe Summer Weather)

Cost Effective	**3**
Technically Feasible	**5**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**3**

Q42

Supply two portable generators with emergency connections to be used at sanitary lift stations and potable water pump stations during power outages. (Severe Summer Weather)

Cost Effective	**4**
Technically Feasible	**5**
Environmentally Sound	**5**
Immediate Need	**4**
Risk Reduction	**4**

Q43

Establish and encourage the use of weather warning radios in all public spaces, businesses, and residences. (Severe Winter Weather)

Cost Effective	**4**
Technically Feasible	**5**
Environmentally Sound	**5**
Immediate Need	**5**
Risk Reduction	**5**

Q44

Upgrade windows to high impact windows on schools. (Terrorism)

Cost Effective	**2**
Technically Feasible	**5**
Environmentally Sound	**2**
Immediate Need	**2**
Risk Reduction	**2**

Q45

Appeal to the State to enhance or create wind/impact resistant Ohio Basic Building Code(s). (Tornado)

Cost Effective	**2**
Technically Feasible	**5**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**3**

Q46

Construct tornado safe rooms in public areas and neighborhoods without basements. (Tornado)

Cost Effective	**4**
Technically Feasible	**5**
Environmentally Sound	**4**
Immediate Need	**5**
Risk Reduction	**5**

Q47

Encourage the use of wind and impact resistant building components designed to withstand tornado strength winds. (Tornado)

Cost Effective	**3**
Technically Feasible	**5**
Environmentally Sound	**4**
Immediate Need	**5**
Risk Reduction	**5**

Q48

Install a tornado warning system on the north end of town near the university campus. (Tornado)

Cost Effective	**4**
Technically Feasible	**5**
Environmentally Sound	**4**
Immediate Need	**5**
Risk Reduction	**5**

Q49

Request legislation requiring tornado safe rooms in new mobile home communities and new residential communities without basements. (Tornado)

Cost Effective	**4**
Technically Feasible	**5**
Environmentally Sound	**5**
Immediate Need	**5**
Risk Reduction	**5**

Q50

Seek $2.1 million in funding to install a county-wide tornado warning system complete with battery backup in communities with inadequate coverage, or no tornado siren systems. (Tornado)

Cost Effective	**5**
Technically Feasible	**5**
Environmentally Sound	**5**
Immediate Need	**5**
Risk Reduction	**5**

Q51

Supply of a portable 6-inch bypass pump that will be used to bypass pump the sanitary sewer in the event of a catastrophic failure of the system. The proximity of local streams, creeks, and rivers make this equipment a higher priority to prevent pollution of the environment. (Tornado)

Cost Effective	**4**
Technically Feasible	**5**
Environmentally Sound	**5**
Immediate Need	**4**
Risk Reduction	**4**

Q52

Supply of an emergency response trailer including chainsaws, traffic safety signage, and proper PPE. (Tornado)

Cost Effective	**3**
Technically Feasible	**5**
Environmentally Sound	**4**
Immediate Need	**3**
Risk Reduction	**3**

Q53

Test the effectiveness of tornado sirens. (Tornado)

Cost Effective	**2**
Technically Feasible	**5**
Environmentally Sound	**2**
Immediate Need	**5**
Risk Reduction	**5**

Q54

Tornado safe rooms for Kitridge Road, Spangler Road and Spring Valley and State Route 725 Trailer Parks. (Tornado)

Cost Effective	**3**
Technically Feasible	**5**
Environmentally Sound	**3**
Immediate Need	**5**
Risk Reduction	**5**

Q55

Launch educational campaigns through public/government cable channels and newsletters, websites, street festivals, libraries, school functions, etc. (Water Quality)

Cost Effective	**3**
Technically Feasible	**5**
Environmentally Sound	**5**
Immediate Need	**5**
Risk Reduction	**5**

Q56

Develop and distribute information about risks associated with wildfires. (Wildfire)

Cost Effective	**3**
Technically Feasible	**3**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**3**

Page 16: Required Actions: All Jurisdictions

Q232

Required New Action: Work with all jurisdictions on filling in gaps and strengthening capabilities in enacting mitigation strategies.

Cost Effective	**5**
Technically Sound	**5**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**3**

Q233

Required New Action: Ensure all eligible jurisdictions are participating in the NFIP.

Cost Effective	**4**
Technically Sound	**5**
Environmentally Sound	**3**
Immediate Need	**4**
Risk Reduction	**4**

Q234

Required New Action: Ensure all high-hazard potential dams have updated Emergency Action Plans (EAPs) in place.

Respondent skipped this question

Q235

Required New Action: Obtain or create inundation maps for all dams.

Respondent skipped this question

Page 17: New Actions

Q236

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q237

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q238

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q239

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q240

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q241

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q242

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q243

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q244

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q245

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q246

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q247

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q248

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q249

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q250

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q251

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q252

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q253

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q254

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

#4

COMPLETE

Collector: Web Link 1 (Web Link)
Started: Tuesday, March 11, 2025 4:23:33 PM
Last Modified: Tuesday, March 11, 2025 4:34:49 PM
Time Spent: 00:11:15
IP Address: 76.35.54.193

Page 1: Survey Description

Q1

Contact Information

Name	**Michelle Clements**
Organization/Agency	**Bath Township**
Title/Position	**Trustee**
Email Address	**mclemebts@bathtwp.us**

Q2 **Bath Township**

Which jurisdiction do you represent?

Page 2: Mitigation Actions: Greene County (Page 1 of 2)

Q3 **Ongoing**

Concrete, structural repairs, and other improvements at Huffman Dam. (Dam/Levee Failure)

Q4 **Respondent skipped this question**

Concrete, structural repairs, and other improvements at Huffman Dam. (Dam/Levee Failure)

Q5 **Ongoing**

Construct or repair storm drainage systems and/or levees. (Dam/Levee Failure)

Q6 **Respondent skipped this question**

Construct or repair storm drainage systems and/or levees. (Dam/Levee Failure)

Q7 Develop a dam failure evacuation plan for Huffman Dam. (Dam/Levee Failure)	**Ongoing**
Q8 Develop a dam failure evacuation plan for Huffman Dam. (Dam/Levee Failure)	**Respondent skipped this question**
Q9 Structural stability analysis of Huffman Dam to assess any risks and develop a rehabilitation strategy, if necessary. (Dam/Levee Failure)	**Ongoing**
Q10 Structural stability analysis of Huffman Dam to assess any risks and develop a rehabilitation strategy, if necessary. (Dam/Levee Failure)	**Respondent skipped this question**
Q11 Update dam maintenance programs and services. (Dam/Levee Failure)	**Ongoing**
Q12 Update dam maintenance programs and services. (Dam/Levee Failure)	**Respondent skipped this question**
Q13 Develop and distribute information about risks associated with drought. (Drought)	**Ongoing**
Q14 Develop and distribute information about risks associated with drought. (Drought)	**Respondent skipped this question**
Q15 Require compliance and enforcement of existing building codes. (Earthquakes)	**Ongoing**

Q16

Require compliance and enforcement of existing building codes. (Earthquakes)

Respondent skipped this question

Q17

Establish clearly identified places of refuge within public facilities and spaces, neighborhoods, and businesses. (Extreme Temperatures)

Ongoing

Q18

Establish clearly identified places of refuge within public facilities and spaces, neighborhoods, and businesses. (Extreme Temperatures)

Cost Effective	**5**
Immediate Need	**3**

Q19

Establish program(s) providing air conditioning to at-risk populations. (Extreme Temperatures)

Ongoing

Q20

Establish program(s) providing air conditioning to at-risk populations. (Extreme Temperatures)

Cost Effective	**1**

Q21

Provide water and shade at all public outdoor events during extreme heat. (Extreme Temperatures)

Ongoing

Q22

Provide water and shade at all public outdoor events during extreme heat. (Extreme Temperatures)

Cost Effective	**2**

Q23

Develop a set of planned alternative routes and gate frequently flooded areas and inform the citizens. (Flooding)

Ongoing

Q24

Develop a set of planned alternative routes and gate frequently flooded areas and inform the citizens. (Flooding)

Respondent skipped this question

Q25

Develop and distribute an informational brochure on the types of homeowner’s hazard insurance, i.e. flood, fire, earthquake, etc. (Flooding)

Ongoing

Q26

Develop and distribute an informational brochure on the types of homeowner’s hazard insurance, i.e. flood, fire, earthquake, etc. (Flooding)

Cost Effective **3**

Q27

Encourage regular and periodic pier inspections for bridges. (Flooding)

Ongoing

Q28

Encourage regular and periodic pier inspections for bridges. (Flooding)

Respondent skipped this question

Q29

Encourage watershed and wetland planning, as well as natural resource management in conjunction with land-use planning for natural hazard mitigation. (Flooding)

Ongoing

Q30

Encourage watershed and wetland planning, as well as natural resource management in conjunction with land-use planning for natural hazard mitigation. (Flooding)

Respondent skipped this question

Q31

Establish a Flood Diversion program for roads in Greene County using the Hyper Reach mass notification system. (Flooding)

Ongoing

Q32

Establish a Flood Diversion program for roads in Greene County using the Hyper Reach mass notification system. (Flooding)

Respondent skipped this question

Q33 Identify at-risk structures in Special Flood Hazard Area. (Flooding)	**Ongoing**
Q34 Identify at-risk structures in Special Flood Hazard Area. (Flooding)	**Respondent skipped this question**
Q35 Massie Creek US 68 N property acquisition; Kaufman/Washington Mill/Patterson. (Flooding)	**Respondent skipped this question**
Q36 Massie Creek US 68 N property acquisition; Kaufman/Washington Mill/Patterson. (Flooding)	**Respondent skipped this question**
Q37 Educate the public, businesses and residents, of the importance of creating hazard contingency plans (May be included in materials about natural hazard risk). (Hazardous Materials)	**Ongoing**
Q38 Educate the public, businesses and residents, of the importance of creating hazard contingency plans (May be included in materials about natural hazard risk). (Hazardous Materials)	**Respondent skipped this question**
Q39 Partner with organizations whose mission is to restore or preserve beneficial natural systems (wetlands, watersheds, etc.). (Invasive Species)	**Ongoing**
Q40 Partner with organizations whose mission is to restore or preserve beneficial natural systems (wetlands, watersheds, etc.). (Invasive Species)	**Respondent skipped this question**

Q41

Develop and complete a baseline survey to gather citizens' perceptions of the risks associated with natural disasters and the tools and services available to the public to reduce risk. (Multiple Hazards)

Ongoing

Q42

Develop and complete a baseline survey to gather citizens' perceptions of the risks associated with natural disasters and the tools and services available to the public to reduce risk. (Multiple Hazards)

Respondent skipped this question

Q43

Develop and complete a periodic post- educational campaign surveys to gather citizens' perceptions of the risks associated with natural disasters and the tools and services available to the public to reduce risk (Method to measure the effectiveness of educational campaigns). (Multiple Hazards)

Ongoing

Q44

Develop and complete a periodic post- educational campaign surveys to gather citizens' perceptions of the risks associated with natural disasters and the tools and services available to the public to reduce risk (Method to measure the effectiveness of educational campaigns). (Multiple Hazards)

Respondent skipped this question

Q45

Develop and distribute information about risks associated with the identified natural disasters affecting the County. (Multiple Hazards)

Ongoing

Q46

Develop and distribute information about risks associated with the identified natural disasters affecting the County. (Multiple Hazards)

Respondent skipped this question

Q47

Encourage code enforcement and engineering practitioners to enroll in seminars/classes offered by accredited building training centers that showcase the latest materials and techniques in natural hazard resistant construction. (Multiple Hazards)

Ongoing

Q48

Encourage code enforcement and engineering practitioners to enroll in seminars/classes offered by accredited building training centers that showcase the latest materials and techniques in natural hazard resistant construction. (Multiple Hazards)

Respondent skipped this question

Q49

Encourage jurisdictions to prevent or prohibit new development in areas vulnerable to natural hazards. (Multiple Hazards)

Ongoing

Q50

Encourage jurisdictions to prevent or prohibit new development in areas vulnerable to natural hazards. (Multiple Hazards)

Respondent skipped this question

Q51

Encourage mitigation measures for existing development in areas vulnerable to natural hazards. (Multiple Hazards)

Ongoing

Q52

Encourage mitigation measures for existing development in areas vulnerable to natural hazards. (Multiple Hazards)

Respondent skipped this question

Q53

Encourage the cooperation of neighbors to include, but not limited to: Contingency plans for the evacuation and care of neighboring families and pets and communication among the neighbors in the event of a natural hazard.; Contingency plans for checking- in on the shut-in and frail elderly neighbors. (Multiple Hazards)

Ongoing

Q54

Encourage the cooperation of neighbors to include, but not limited to: Contingency plans for the evacuation and care of neighboring families and pets and communication among the neighbors in the event of a natural hazard.; Contingency plans for checking- in on the shut-in and frail elderly neighbors. (Multiple Hazards)

Respondent skipped this question

Q55

Two maps should be generated as established in the Miami Valley Emergency Operations Plan, 1993, Annex L, Damage Assessment, PG L-5. One map should graphically display Public damage where the worst damage is located and where minimal damage is located. The second should address the same for Private damages. (Multiple Hazards)

Ongoing

Q56

Two maps should be generated as established in the Miami Valley Emergency Operations Plan, 1993, Annex L, Damage Assessment, PG L-5. One map should graphically display Public damage where the worst damage is located and where minimal damage is located. The second should address the same for Private damages. (Multiple Hazards)

Respondent skipped this question

Page 3: Mitigation Actions: Greene County (Page 2 of 2)

Q57

Develop and distribute information/education on weather-related-preparedness tools and resources, i.e. sources to purchase such material, etc. (Severe Summer Weather)

Ongoing

Q58

Develop and distribute information/education on weather-related-preparedness tools and resources, i.e. sources to purchase such material, etc. (Severe Summer Weather)

Respondent skipped this question

Q59

Develop and launch awareness/educational campaigns to increase knowledge of weather alert methods (alert radios, e-mail, cell phones, etc.). (Severe Summer Weather)

Ongoing

Q60

Develop and launch awareness/educational campaigns to increase knowledge of weather alert methods (alert radios, e-mail, cell phones, etc.). (Severe Summer Weather)

Respondent skipped this question

Q61

Educate the public on the importance of properly trimming and maintaining the trees on their property (may be included in materials about natural hazard risk). (Severe Summer Weather)

Ongoing

Q62

Educate the public on the importance of properly trimming and maintaining the trees on their property (may be included in materials about natural hazard risk). (Severe Summer Weather)

Respondent skipped this question

Q63

Encourage the use of vinyl siding to reduce dent damage due to hail incidents. (Severe Summer Weather)

Deleted

Q64

Encourage the use of vinyl siding to reduce dent damage due to hail incidents. (Severe Summer Weather)

Respondent skipped this question

Q65

Encourage utility companies to hire tree trimming contractors who are capable of a more citizen friendly trimming service (Severe Summer Weather)

Deleted

Q66

Encourage utility companies to hire tree trimming contractors who are capable of a more citizen friendly trimming service (Severe Summer Weather)

Respondent skipped this question

Q67

Furnish and install a 25KW Emergency Standby Generator with Automatic Transfer Switch at Gerspacher Water Tower. This generator is needed to maintain communications. (Severe Summer Weather)

Respondent skipped this question

Q68

Furnish and install a 25KW Emergency Standby Generator with Automatic Transfer Switch at Gerspacher Water Tower. This generator is needed to maintain communications. (Severe Summer Weather)

Respondent skipped this question

Q69

Furnish and install a 25KW Emergency Standby Generator with Automatic Transfer Switch at Indian Ripple Water Tower. This generator is needed to maintain communications. (Severe Summer Weather)

Respondent skipped this question

Q70

Furnish and install a 25KW Emergency Standby Generator with Automatic Transfer Switch at Indian Ripple Water Tower. This generator is needed to maintain communications. (Severe Summer Weather)

Respondent skipped this question

Q71

Furnish and install a 40KW Emergency Standby Generator with Automatic Transfer Switch at the Valley Well Field for wells 11 and 12. This generator is needed to maintain continuous service to the potable water system. (Severe Summer Weather)

Respondent skipped this question

Q72

Furnish and install a 40KW Emergency Standby Generator with Automatic Transfer Switch at the Valley Well Field for wells 11 and 12. This generator is needed to maintain continuous service to the potable water system. (Severe Summer Weather)

Respondent skipped this question

Q73

Furnish and install an emergency generator with automatic transfer switch at the Environmental Services facility. The facility is the receiving facility for storm debris and 24/7 operation could be needed. (Severe Summer Weather)

Respondent skipped this question

Q74

Furnish and install an emergency generator with automatic transfer switch at the Environmental Services facility. The facility is the receiving facility for storm debris and 24/7 operation could be needed. (Severe Summer Weather)

Respondent skipped this question

Q75

Supply equipment to manage storm debris. (Severe Summer Weather)

Ongoing

Q76

Supply equipment to manage storm debris. (Severe Summer Weather)

Respondent skipped this question

Q77

Supply two portable generators with emergency connections to be used at sanitary lift stations and potable water pump stations during power outages. (Severe Summer Weather)

Ongoing

Q78

Supply two portable generators with emergency connections to be used at sanitary lift stations and potable water pump stations during power outages. (Severe Summer Weather)

Respondent skipped this question

Q79

Establish and encourage the use of weather warning radios in all public spaces, businesses, and residences. (Severe Winter Weather)

Ongoing

Q80

Establish and encourage the use of weather warning radios in all public spaces, businesses, and residences. (Severe Winter Weather)

Respondent skipped this question

Q81

Generator upgrade for jail. (Severe Winter Weather)

Respondent skipped this question

Q82

Generator upgrade for jail. (Severe Winter Weather)

Respondent skipped this question

Q83

High impact window coverings for jail. (Terrorism)

Respondent skipped this question

Q84

High impact window coverings for jail. (Terrorism)

Respondent skipped this question

Q85

Upgrade windows to high impact windows on schools. (Terrorism)

Respondent skipped this question

Q86

Upgrade windows to high impact windows on schools. (Terrorism)

Respondent skipped this question

Q87

Appeal to the State to enhance or create wind/impact resistant Ohio Basic Building Code(s). (Tornado)

Respondent skipped this question

Q88

Appeal to the State to enhance or create wind/impact resistant Ohio Basic Building Code(s). (Tornado)

Respondent skipped this question

Q89

Construct tornado safe rooms in public areas and neighborhoods without basements. (Tornado)

Ongoing

Q90

Construct tornado safe rooms in public areas and neighborhoods without basements. (Tornado)

Respondent skipped this question

Q91

Encourage the use of wind and impact resistant building components designed to withstand tornado strength winds. (Tornado)

Ongoing

Q92

Encourage the use of wind and impact resistant building components designed to withstand tornado strength winds. (Tornado)

Respondent skipped this question

Q93

Install a tornado warning system on the north end of town near the university campus. (Tornado)

Respondent skipped this question

Q94

Install a tornado warning system on the north end of town near the university campus. (Tornado)

Respondent skipped this question

Q95

Request legislation requiring tornado safe rooms in new mobile home communities and new residential communities without basements. (Tornado)

Ongoing

Q96

Request legislation requiring tornado safe rooms in new mobile home communities and new residential communities without basements. (Tornado)

Respondent skipped this question

Q97

Seek $2.1 million in funding to install a county-wide tornado warning system complete with battery backup in communities with inadequate coverage, or no tornado siren systems. (Tornado)

Ongoing

Q98

Seek $2.1 million in funding to install a county-wide tornado warning system complete with battery backup in communities with inadequate coverage, or no tornado siren systems. (Tornado)

Respondent skipped this question

Q99

Supply of a portable 6-inch bypass pump that will be used to bypass pump the sanitary sewer in the event of a catastrophic failure of the system. The proximity of local streams, creeks, and rivers make this equipment a higher priority to prevent pollution of the environment. (Tornado)

Respondent skipped this question

Q100

Supply of a portable 6-inch bypass pump that will be used to bypass pump the sanitary sewer in the event of a catastrophic failure of the system. The proximity of local streams, creeks, and rivers make this equipment a higher priority to prevent pollution of the environment. (Tornado)

Respondent skipped this question

Q101

Supply of an emergency response trailer including chainsaws, traffic safety signage, and proper PPE. (Tornado)

Respondent skipped this question

Q102

Supply of an emergency response trailer including chainsaws, traffic safety signage, and proper PPE. (Tornado)

Respondent skipped this question

Q103

Test the effectiveness of tornado sirens. (Tornado)

Ongoing

Q104

Test the effectiveness of tornado sirens. (Tornado)

Respondent skipped this question

Q105

Tornado safe rooms for Kitridge Road, Spangler Road and Spring Valley and State Route 725 Trailer Parks. (Tornado)

Respondent skipped this question

Q106

Tornado safe rooms for Kitridge Road, Spangler Road and Spring Valley and State Route 725 Trailer Parks. (Tornado)

Respondent skipped this question

Q107

Launch educational campaigns through public/government cable channels and newsletters, websites, street festivals, libraries, school functions, etc. (Water Quality)

Ongoing

Q108

Launch educational campaigns through public/government cable channels and newsletters, websites, street festivals, libraries, school functions, etc. (Water Quality)

Respondent skipped this question

Q109

Develop and distribute information about risks associated with wildfires. (Wildfire)

Respondent skipped this question

Q110

Develop and distribute information about risks associated with wildfires. (Wildfire)

Immediate Need	**4**

#2

COMPLETE

Collector: Web Link 1 (Web Link)
Started: Saturday, March 08, 2025 11:23:13 AM
Last Modified: Saturday, March 08, 2025 11:27:27 AM
Time Spent: 00:04:14
IP Address: 24.209.102.18

Page 1: Survey Instructions

Q1

Name and Organization

Name	**Kyle Miller**
Organization/Agency	**Cedarville Township**
Title/Position	**Fire Chief**
Email Address	**miller@cedarvilletwp.us**

Q2

Cedarville Township

For which community are you responding?

Page 2: Goals Survey

Q3

Please determine which of the previous goals, if any, should be included in the next plan.

	(no label)
Increase public awareness.	**Include**
Protect life and property.	**Include**
Create and/or strengthen partnerships.	**Include**
Create a safer environment through construction or installation projects of natural hazard safety systems.	**Include**
Reduce losses that result from the failure of High Hazard Potential Dams.	**Include**

Q4

Respondent skipped this question

New Goals: Please provide any goals or objectives you would like included in the Plan.

Q5

Respondent skipped this question

Please provide any additional comments related to these goals in the space below.

Page 3: Survey Complete!

Q6

Respondent skipped this question

General Comments

#17

COMPLETE

Collector: Web Link 1 (Web Link)
Started: Tuesday, March 11, 2025 4:36:11 PM
Last Modified: Tuesday, March 11, 2025 4:50:06 PM
Time Spent: 00:13:55
IP Address: 76.35.54.193

Page 1: Survey Instructions

Q1

Name and Organization

Name	**Michelle Clements**
Organization/Agency	**Bath Twp**
Title/Position	**Trustee**
Email Address	**mclements@bathtwp.us**

Q2

Bath Township

For which community are you responding?

Page 2: Goals Survey

Q3

Please determine which of the previous goals, if any, should be included in the next plan.

	(no label)
Increase public awareness.	**Include**
Protect life and property.	**Include**
Create and/or strengthen partnerships.	**Include**
Create a safer environment through construction or installation projects of natural hazard safety systems.	**Include**
Reduce losses that result from the failure of High Hazard Potential Dams.	**Include**

Q4

New Goals: Please provide any goals or objectives you would like included in the Plan.

New Goal 1	**Strenghten Critical infrastructure - waterways, roadways, communication, sewer.**
New Goal 2	**Establish, countywide shelter list for evacuees during disasters.**

Q5

Please provide any additional comments related to these goals in the space below.

I need a clear understanding what EMA expects of the townships during a disaster. Are we responsible for these mitigations items, is the EMA assisting, do townships fall under the county EOP or does each jurisdiction have EOPs?

Page 3: Survey Complete!

Q6 **Respondent skipped this question**

General Comments

#31

COMPLETE

Collector:	Web Link 1 (Web Link)
Started:	Wednesday, April 16, 2025 1:17:31 PM
Last Modified:	Wednesday, April 16, 2025 1:19:17 PM
Time Spent:	00:01:45
IP Address:	66.203.21.72

Page 1: Survey Instructions

Q1

Name and Organization

Name	**Andy Ehrhart**
Organization/Agency	**Beavercreek Township**
Title/Position	**Acting Township Administrator**
Email Address	**aehrhart@beavercreektownship.org**

Q2

Beavercreek Township

For which community are you responding?

Page 2: Goals Survey

Q3

Please determine which of the previous goals, if any, should be included in the next plan.

	(no label)
Increase public awareness.	**Include**
Protect life and property.	**Include**
Create and/or strengthen partnerships.	**Include**
Create a safer environment through construction or installation projects of natural hazard safety systems.	**Include**
Reduce losses that result from the failure of High Hazard Potential Dams.	**Include**

Q4

Respondent skipped this question

New Goals: Please provide any goals or objectives you would like included in the Plan.

Q5

Please provide any additional comments related to these goals in the space below.

Respondent skipped this question

Page 3: Survey Complete!

Q6

General Comments

Respondent skipped this question

#28

COMPLETE

Collector: Web Link 1 (Web Link)
Started: Tuesday, April 15, 2025 1:39:56 PM
Last Modified: Tuesday, April 15, 2025 1:41:59 PM
Time Spent: 00:02:02
IP Address: 98.103.106.66

Page 1: Survey Instructions

Q1

Name and Organization

Name	**Rusty Cross**
Organization/Agency	**Spring Vlaley Twp. Fire Dept.**
Title/Position	**Fire Chief**
Email Address	**rcross@svtwp.org**

Q2

For which community are you responding?

Spring Valley Township

Page 2: Goals Survey

Q3

Please determine which of the previous goals, if any, should be included in the next plan.

	(no label)
Increase public awareness.	**Include**
Protect life and property.	**Include**
Create and/or strengthen partnerships.	**Include**
Create a safer environment through construction or installation projects of natural hazard safety systems.	**Include**
Reduce losses that result from the failure of High Hazard Potential Dams.	**Include**

Q4

New Goals: Please provide any goals or objectives you would like included in the Plan.

New Goal 1	**More Involvement with the elected officials**

Q5

Respondent skipped this question

Please provide any additional comments related to these goals in the space below.

Page 3: Survey Complete!

Q6

Respondent skipped this question

General Comments

#24

COMPLETE

Collector: Web Link 1 (Web Link)
Started: Wednesday, April 09, 2025 11:29:39 AM
Last Modified: Wednesday, April 09, 2025 11:32:52 AM
Time Spent: 00:03:13
IP Address: 107.121.104.19

Page 1: Survey Instructions

Q1

Name and Organization

Name	**Jacob Blocher**
Organization/Agency	**Cedarville Township**
Title/Position	**Road Superintendent**
Email Address	**blocher.cedarvilletownship@gmail.com**

Q2

Cedarville Township

For which community are you responding?

Page 2: Goals Survey

Q3

Please determine which of the previous goals, if any, should be included in the next plan.

	(no label)
Increase public awareness.	**Include**
Protect life and property.	**Include**
Create and/or strengthen partnerships.	**Include**
Create a safer environment through construction or installation projects of natural hazard safety systems.	**Include**
Reduce losses that result from the failure of High Hazard Potential Dams.	**Include**

Q4

New Goals: Please provide any goals or objectives you would like included in the Plan.

New Goal 1	**Improve water way Drainage across the county to help with flooding issues.**

Q5

Please provide any additional comments related to these goals in the space below.

Respondent skipped this question

Page 3: Survey Complete!

Q6

General Comments

Respondent skipped this question

#21

COMPLETE

Collector: Web Link 1 (Web Link)
Started: Wednesday, March 19, 2025 12:54:37 PM
Last Modified: Wednesday, March 19, 2025 1:37:44 PM
Time Spent: 00:43:07
IP Address: 66.203.21.72

Page 1: Survey Instructions

Q1

Name and Organization

Name	**Nathan Hiester**
Organization/Agency	**Beavercreek Township**
Title/Position	**Division Chief**
Email Address	**nhiester@beavercreektownship.org**

Q2

Beavercreek Township

For which community are you responding?

Page 2: Goals Survey

Q3

Please determine which of the previous goals, if any, should be included in the next plan.

	(no label)
Increase public awareness.	**Include**
Protect life and property.	**Include**
Create and/or strengthen partnerships.	**Include**
Create a safer environment through construction or installation projects of natural hazard safety systems.	**Include**
Reduce losses that result from the failure of High Hazard Potential Dams.	**Include**

Q4

New Goals: Please provide any goals or objectives you would like included in the Plan.

New Goal 1	**Provide all government facilities with a backup generator and transfer switch.**
New Goal 2	**Provide funding for increased inspection, testing, and maintenance to public water system for fire protection to meet applicable standards.**
New Goal 3	**Provide funding for additional protection measures for public events and gatherings.**
New Goal 4	**Provide funding for fire protection systems high life safety risk facilities.**
New Goal 5	**Provide funding to reinforce river and pond dams/levies in various locations.**

Q5

Respondent skipped this question

Please provide any additional comments related to these goals in the space below.

Page 3: Survey Complete!

Q6

Respondent skipped this question

General Comments

#5

COMPLETE

Collector:	Web Link 1 (Web Link)
Started:	Wednesday, March 19, 2025 1:45:10 PM
Last Modified:	Wednesday, March 19, 2025 1:52:14 PM
Time Spent:	00:07:04
IP Address:	66.203.21.72

Page 1: Survey Instructions

Q1

Name and Organization

Name	**Nathan Hiester**
Organization/Agency	**Beavercreek Township**
Title/Position	**Division Chief**
Email Address	**nhiester@beavercreektownship.org**

Q2

Beavercreek Township

For which community are you responding?

Page 2: Integration Survey

Q3

How have you integrated the 2020 HMP into the Emergency Operations Plan?

Yes, We integrated the 2020 HMP into our Emergency Operations Plan

Q4

How have you integrated the 2020 HMP into the Comprehensive Plan?

No, We have not integrated the 2020 HMP into the Comprehensive Plan

Q5

How have you integrated the 2020 HMP into the Capital Improvement Plan?

No

Q6

How have you integrated the 2020 HMP into the Building Code?

N/A

Q7

How have you integrated the 2020 HMP into the Zoning Ordinances?

Yes, where applicable.

Q8

How have you integrated the 2020 HMP into the Capital Improvement Program?

No

Q9

How have you integrated the 2020 HMP into the Stormwater Management Plans?

N/A

Q10

How have you integrated the 2020 HMP into any other plans? If so, how.

No

Page 3: Survey Complete!

Q11 **Respondent skipped this question**

General Comments

#7

COMPLETE

Collector: Web Link 1 (Web Link)
Started: Wednesday, April 09, 2025 11:33:00 AM
Last Modified: Wednesday, April 09, 2025 11:37:38 AM
Time Spent: 00:04:38
IP Address: 107.121.104.19

Page 1: Survey Instructions

Q1

Name and Organization

Name	**Jacob Blocher**
Organization/Agency	**Cedarville Township**
Title/Position	**Road Superintendent**
Email Address	**blocher.cedarvilletownship@gmail.com**

Q2

For which community are you responding?

Cedarville Township

Page 2: Integration Survey

Q3

How have you integrated the 2020 HMP into the Emergency Operations Plan?

Tornado Siren was replaced at the fire station with an EMA grant.

Q4

How have you integrated the 2020 HMP into the Comprehensive Plan?

N/A

Q5

How have you integrated the 2020 HMP into the Capital Improvement Plan?

N/A

Q6

How have you integrated the 2020 HMP into the Building Code?

N/A

Q7

How have you integrated the 2020 HMP into the Zoning Ordinances?

large Scale solar addressed by zoning. Added road access to field or home must have a culvert pipe installed where needed.

Q8

How have you integrated the 2020 HMP into the Capital Improvement Program?

30 year old Tornado Siren Replaced

Q9

How have you integrated the 2020 HMP into the Stormwater Management Plans?

N/A

Q10

How have you integrated the 2020 HMP into any other plans? If so, how.

No

Page 3: Survey Complete!

Q11 **Respondent skipped this question**

General Comments

#1

COMPLETE

Collector: Web Link 1 (Web Link)
Started: Saturday, March 08, 2025 11:27:39 AM
Last Modified: Saturday, March 08, 2025 11:29:57 AM
Time Spent: 00:02:18
IP Address: 24.209.102.18

Page 1: Survey Instructions

Q1

Name and Organization

Name	**Kyle Miller**
Organization/Agency	**Cedarville Township**
Title/Position	**Fire Chief**
Email Address	**miller@cedarvilletwp.us**

Q2

What Jurisdiction are answering for?

Cedarville Township

Page 2: Hazard Priorities

Q3

Hazards included in 2020 Plan

Dam/Levee Failure	**Lowest Priority**
Drought	**Medium-High Priority**
Earthquakes	**Medium Priority**
Extreme Temperatures	**Medium-High Priority**
Flooding	**Highest Priority**
Hazardous Materials	**Medium Priority**
Invasive Species	**Low-Medium Priority**
Landslides, Land Subsidence, and Erosion	**Lowest Priority**
Public Health Emergency (Epidemic)	**Medium Priority**
Severe Summer Weather	**Highest Priority**
Severe Winter Weather	**Highest Priority**
Terrorism	**Medium Priority**
Tornadoes	**Highest Priority**
Water Quality	**Medium-High Priority**
Wildfire	**Low-Medium Priority**

Q4

Respondent skipped this question

Please consider the following and provide any additional comments: Please consider how the hazards are grouped - Should any be made into separate categories or grouped differently? Are there any hazards not listed that you would like to see included in the 2025 Plan? Any additional comments.

Page 3: Survey Complete!

Q5

Respondent skipped this question

General Comments

#14

COMPLETE

Collector:	Web Link 1 (Web Link)
Started:	Wednesday, March 19, 2025 1:37:52 PM
Last Modified:	Wednesday, March 19, 2025 1:45:03 PM
Time Spent:	00:07:10
IP Address:	66.203.21.72

Page 1: Survey Instructions

Q1

Name and Organization

Name	**Nathan Hiester**
Organization/Agency	**Beavercreek Township**
Title/Position	**Division Chief**
Email Address	**nhiester@beavercreektownship.org**

Q2

Beavercreek Township

What Jurisdiction are answering for?

Page 2: Hazard Priorities

Q3

Hazards included in 2020 Plan

Dam/Levee Failure	**Medium-High Priority**
Drought	**Low-Medium Priority**
Earthquakes	**Low-Medium Priority**
Extreme Temperatures	**Lowest Priority**
Flooding	**Medium-High Priority**
Hazardous Materials	**Medium-High Priority**
Invasive Species	**Lowest Priority**
Landslides, Land Subsidence, and Erosion	**Lowest Priority**
Public Health Emergency (Epidemic)	**Medium Priority**
Severe Summer Weather	**Medium Priority**
Severe Winter Weather	**Medium-High Priority**
Terrorism	**Medium-High Priority**
Tornadoes	**Highest Priority**
Water Quality	**Medium-High Priority**
Wildfire	**Medium Priority**

Q4

Please consider the following and provide any additional comments: Please consider how the hazards are grouped - Should any be made into separate categories or grouped differently? Are there any hazards not listed that you would like to see included in the 2025 Plan? Any additional comments.

Electrical Grid/Power Outage - Medium-High
Active Threats - Medium-High

Page 3: Survey Complete!

Q5 **Respondent skipped this question**

General Comments

#17

COMPLETE

Collector:	Web Link 1 (Web Link)
Started:	Wednesday, April 09, 2025 10:44:24 AM
Last Modified:	Wednesday, April 09, 2025 11:27:49 AM
Time Spent:	00:43:25
IP Address:	107.121.104.19

Page 1: Survey Instructions

Q1

Name and Organization

Name	**Jacob Blocher**
Organization/Agency	**Cedarville Township**
Title/Position	**Road Superintendent**
Email Address	**blocher.cedarvilletownship@gmail.com**

Q2

Cedarville Township

What Jurisdiction are answering for?

Page 2: Hazard Priorities

Q3

Hazards included in 2020 Plan

Dam/Levee Failure	**Do not include**
Drought	**Low-Medium Priority**
Earthquakes	**Do not include**
Extreme Temperatures	**Do not include**
Flooding	**Highest Priority**
Hazardous Materials	**Do not include**
Invasive Species	**Lowest Priority**
Landslides, Land Subsidence, and Erosion	**Highest Priority**
Public Health Emergency (Epidemic)	**Lowest Priority**
Severe Summer Weather	**Lowest Priority**
Severe Winter Weather	**Low-Medium Priority**
Terrorism	**Do not include**
Tornadoes	**Low-Medium Priority**
Water Quality	**Lowest Priority**
Wildfire	**Do not include**

Q4

Respondent skipped this question

Please consider the following and provide any additional comments: Please consider how the hazards are grouped - Should any be made into separate categories or grouped differently? Are there any hazards not listed that you would like to see included in the 2025 Plan? Any additional comments.

Page 3: Survey Complete!

Q5

Respondent skipped this question

General Comments

#22

COMPLETE

Collector:	Web Link 1 (Web Link)
Started:	Wednesday, April 16, 2025 1:19:33 PM
Last Modified:	Wednesday, April 16, 2025 1:21:34 PM
Time Spent:	00:02:01
IP Address:	66.203.21.72

Page 1: Survey Instructions

Q1

Name and Organization

Name	**Andy Ehrhart**
Organization/Agency	**Beavercreek Township**
Title/Position	**Acting Township Administrator**
Email Address	**aehrhart@beavercreektownship.org**

Q2

Beavercreek Township

What Jurisdiction are answering for?

Page 2: Hazard Priorities

Q3

Hazards included in 2020 Plan

Dam/Levee Failure	**Low-Medium Priority**
Drought	**Medium Priority**
Earthquakes	**Low-Medium Priority**
Extreme Temperatures	**Medium Priority**
Flooding	**Medium-High Priority**
Hazardous Materials	**Medium-High Priority**
Invasive Species	**Medium-High Priority**
Landslides, Land Subsidence, and Erosion	**Low-Medium Priority**
Public Health Emergency (Epidemic)	**Medium-High Priority**
Severe Summer Weather	**Medium-High Priority**
Severe Winter Weather	**Medium-High Priority**
Terrorism	**Medium-High Priority**
Tornadoes	**Highest Priority**
Water Quality	**Medium-High Priority**
Wildfire	**Low-Medium Priority**

Q4

Respondent skipped this question

Please consider the following and provide any additional comments: Please consider how the hazards are grouped - Should any be made into separate categories or grouped differently? Are there any hazards not listed that you would like to see included in the 2025 Plan? Any additional comments.

Page 3: Survey Complete!

Q5

Respondent skipped this question

General Comments

Surveys:
Other Participants

#6

COMPLETE

Collector:	Web Link 1 (Web Link)
Started:	Wednesday, April 16, 2025 1:25:58 PM
Last Modified:	Wednesday, April 16, 2025 1:29:20 PM
Time Spent:	00:03:22
IP Address:	202.49.186.133

Page 1: Survey Description

Q1

Contact Information

Name	**Thomas Breckel**
Organization/Agency	**Clinton County EMA**
Title/Position	**Director**
Email Address	**breckel.thomas@clintoncountyohio.us**

Q2

Did you complete the Previous Mitigation Action Survey?

Yes

Page 2: Jurisdiction

Q3

Which jurisdiction do you represent?

Other (please specify):
Clinton County

Page 3: Jurisdiction

Q4

Which jurisdiction do you represent?

Respondent skipped this question

Page 16: Required Actions: All Jurisdictions

Q232

Required New Action: Work with all jurisdictions on filling in gaps and strengthening capabilities in enacting mitigation strategies.

Cost Effective	**4**
Technically Sound	**4**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**4**

Q233

Required New Action: Ensure all eligible jurisdictions are participating in the NFIP.

Cost Effective	**4**
Technically Sound	**4**
Environmentally Sound	**4**
Immediate Need	**3**
Risk Reduction	**4**

Q234

Required New Action: Ensure all high-hazard potential dams have updated Emergency Action Plans (EAPs) in place.

Cost Effective	**4**
Technically Sound	**5**
Environmentally Sound	**3**
Immediate Need	**4**
Risk Reduction	**4**

Q235

Required New Action: Obtain or create inundation maps for all dams.

Cost Effective	**4**
Technically Sound	**4**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**4**

Page 17: New Actions

Q236

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q237

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q238

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q239

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q240

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q241

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q242

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q243

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q244

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q245

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q246

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q247

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q248

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q249

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q250

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q251

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q252

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q253

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q254

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

#10

COMPLETE

Collector:	Web Link 1 (Web Link)
Started:	Wednesday, April 16, 2025 1:25:40 PM
Last Modified:	Wednesday, April 16, 2025 1:47:58 PM
Time Spent:	00:22:18
IP Address:	46.110.7.140

Page 1: Survey Description

Q1

Contact Information

Name	**Paul Otten**
Organization/Agency	**Beavercreek City Schools**
Title/Position	**Superintendent**
Email Address	**paul.otten@beavercreek.k12.oh.us**

Q2

Did you complete the Previous Mitigation Action Survey?

Yes

Page 2: Jurisdiction

Q3

Which jurisdiction do you represent?

Other (please specify):
Beavercreek City Schools

Page 3: Jurisdiction

Q4

Which jurisdiction do you represent?

Respondent skipped this question

Page 16: Required Actions: All Jurisdictions

Q232

Required New Action: Work with all jurisdictions on filling in gaps and strengthening capabilities in enacting mitigation strategies.

Cost Effective	**2**
Technically Sound	**3**
Environmentally Sound	**3**
Immediate Need	**4**
Risk Reduction	**4**

Q233

Required New Action: Ensure all eligible jurisdictions are participating in the NFIP.

Cost Effective	**4**
Technically Sound	**4**
Environmentally Sound	**4**
Immediate Need	**4**
Risk Reduction	**4**

Q234

Required New Action: Ensure all high-hazard potential dams have updated Emergency Action Plans (EAPs) in place.

Cost Effective	**2**
Technically Sound	**3**
Environmentally Sound	**4**
Immediate Need	**2**
Risk Reduction	**4**

Q235

Required New Action: Obtain or create inundation maps for all dams.

Cost Effective	**2**
Technically Sound	**2**
Environmentally Sound	**4**
Immediate Need	**3**
Risk Reduction	**4**

Page 17: New Actions

Q236

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Cost Effective	**1**
Technically Feasible	**3**
Environmentally Sound	**4**
Immediate Need	**2**
Risk Reduction	**3**

Q237

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Cost Effective	**2**
Technically Feasible	**3**
Environmentally Sound	**2**
Immediate Need	**4**
Risk Reduction	**3**

Q238

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Cost Effective	**2**
Technically Feasible	**3**
Environmentally Sound	**3**
Immediate Need	**3**
Risk Reduction	**4**

Q239

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q240

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q241

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q242

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q243

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q244

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q245

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q246

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q247

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q248

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q249

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q250

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q251

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q252

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q253

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q254

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

#8

COMPLETE

Collector:	Web Link 1 (Web Link)
Started:	Wednesday, April 16, 2025 1:26:56 PM
Last Modified:	Wednesday, April 16, 2025 1:44:09 PM
Time Spent:	00:17:12
IP Address:	66.203.31.80

Page 1: Survey Description

Q1

Contact Information

Name	**Brian Masser**
Organization/Agency	**Cedar Cliff Local School District**
Title/Position	**Superintendent**
Email Address	**bmasser@ccliff.net**

Q2

Did you complete the Previous Mitigation Action Survey?

Yes

Page 2: Jurisdiction

Q3

Which jurisdiction do you represent?

Other (please specify):
Greene County, Village of Cedarville, Cedarville Township, Miami Township

Page 3: Jurisdiction

Q4

Which jurisdiction do you represent?

Respondent skipped this question

Page 16: Required Actions: All Jurisdictions

Q232

Required New Action: Work with all jurisdictions on filling in gaps and strengthening capabilities in enacting mitigation strategies.

Cost Effective	**5**
Technically Sound	**5**
Environmentally Sound	**5**
Immediate Need	**3**
Risk Reduction	**5**

Q233

Required New Action: Ensure all eligible jurisdictions are participating in the NFIP.

Cost Effective	**5**
Technically Sound	**5**
Environmentally Sound	**5**
Immediate Need	**4**
Risk Reduction	**4**

Q234

Required New Action: Ensure all high-hazard potential dams have updated Emergency Action Plans (EAPs) in place.

Cost Effective	**4**
Technically Sound	**4**
Environmentally Sound	**4**
Immediate Need	**4**
Risk Reduction	**5**

Q235

Required New Action: Obtain or create inundation maps for all dams.

Cost Effective	**3**
Technically Sound	**4**
Environmentally Sound	**4**
Immediate Need	**3**
Risk Reduction	**4**

Page 17: New Actions

Q236

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q237

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q238

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

Q239

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

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Q240

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Respondent skipped this question

Q241

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Respondent skipped this question

Q242

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Q244

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Q245

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Q246

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Q248

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Q249

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Q250

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Q251

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Q252

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Respondent skipped this question

Q253

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Respondent skipped this question

Q254

Here is your chance to draft a new action. Please type out your action in the other box below and score the action. (Be sure to mention what hazard your action will mitigate)

Respondent skipped this question

MITIGATION ACTION SCORING MATRIX

Step One:

In the following tables, enter your name and position and select one of the following status options for each mitigation action in your jurisdiction:

- **Completed** (Use this if the action was completed)
- **Deleted** (Use this if you would like to remove the action from your new plan)
- **Ongoing** (Use this if you would like the action to carry through to your next plan)

Step two:

By marking the actions as Ongoing the action will be added to the new plan. In order to rank them effectively we ask that you score each of the following:

1. **Cost Effective** – Rank 1 – 5 – the cost effectiveness of each proposed mitigation action, with 5 being the most cost effective and 1 being the least cost effective.
2. **Technically Feasible** – Rank 1 – 5 – the feasibility of each proposed mitigation action, with 5 being the most feasible and 1 being the least feasible.
3. **Environmentally Sound** – Rank 1 – 5 – the proposed mitigation action in terms of how environmentally sound it seems, with 5 being the most sound and 1 being the least sound.
4. **Immediate Need** – Rank 1 – 5 – whether each proposed mitigation action is needed immediately, with 5 being the most immediate need and 1 being not an immediate need.
5. **Risk Reduction** – Rank 1 – 5 – the proposed mitigation action on the extent to which it will reduce the total risk of the associated hazard, with 5 being the greatest contribution to risk reduction and 1 being the least contribution to risk reduction.

If you have any additional comments for a mitigation action, please leave them below each action.

Name: Barry Puskas, PE, GISP	Title and Organization: Chief of Technical and Engineering Services

Miami Conservancy District

Mitigation Action (Strategy)	Risk	Status	Ranking					
Concrete, structural repairs, and other improvements at Huffman Dam.	Dam/Levee Failure	☐Completed ☐Deleted ☒Ongoing	Cost Effective	1	2	3	(4)	5
			Technically Feasible	1	2	3	(4)	5
			Environmentally Sound	1	2	3	4	(5)
			Immediate Need	1	2	3	(4)	5
			Risk Reduction	1	2	3	(4)	5
Develop a dam failure evacuation plan for Huffman Dam.	Dam/Levee Failure	☐Completed ☐Deleted ☒Ongoing	Cost Effective	1	2	3	4	(5)
			Technically Feasible	1	2	3	4	(5)
			Environmentally Sound	1	2	3	(4)	5
			Immediate Need	1	2	3	(4)	5
			Risk Reduction	1	2	3	(4)	5
Structural stability analysis of Huffman Dam to assess any risks and develop a rehabilitation strategy, if necessary.	Dam/Levee Failure	☐Completed ☐Deleted ☒Ongoing	Cost Effective	1	2	3	4	(5)
			Technically Feasible	1	2	3	(4)	5
			Environmentally Sound	1	2	3	(4)	5
			Immediate Need	1	2	3	(4)	5
			Risk Reduction	1	2	3	(4)	5

MITIGATION ACTION SCORING MATRIX

Step One:

In the following tables, enter your name and position and select one of the following status options for each mitigation action in your jurisdiction:

- **Completed** (Use this if the action was completed)
- **Deleted** (Use this if you would like to remove the action from your new plan)
- **Ongoing** (Use this if you would like the action to carry through to your next plan)

Step two:

By marking the actions as Ongoing the action will be added to the new plan. In order to rank them effectively we ask that you score each of the following:

6. **Cost Effective** – Rank 1 – 5 – the cost effectiveness of each proposed mitigation action, with 5 being the most cost effective and 1 being the least cost effective.
7. **Technically Feasible** – Rank 1 – 5 – the feasibility of each proposed mitigation action, with 5 being the most feasible and 1 being the least feasible.
8. **Environmentally Sound** – Rank 1 – 5 – the proposed mitigation action in terms of how environmentally sound it seems, with 5 being the most sound and 1 being the least sound.
9. **Immediate Need** – Rank 1 – 5 – whether each proposed mitigation action is needed immediately, with 5 being the most immediate need and 1 being not an immediate need.
10. **Risk Reduction** – Rank 1 – 5 – the proposed mitigation action on the extent to which it will reduce the total risk of the associated hazard, with 5 being the greatest contribution to risk reduction and 1 being the least contribution to risk reduction.

If you have any additional comments for a mitigation action, please leave them below each action.

Name: Barry Puskas, PE, GISP	Title and Organization: Chief of Technical and Engineering Services

Miami Conservancy District

Mitigation Action (Strategy)	Risk	Status	Ranking					
Concrete, structural repairs, and other improvements at Huffman Dam.	Dam/Levee Failure	☐Completed ☐Deleted ☒Ongoing	Cost Effective	1	2	3	(4)	5
			Technically Feasible	1	2	3	(4)	5
			Environmentally Sound	1	2	3	4	(5)
			Immediate Need	1	2	3	(4)	5
			Risk Reduction	1	2	3	(4)	5
Develop a dam failure evacuation plan for Huffman Dam.	Dam/Levee Failure	☐Completed ☐Deleted ☒Ongoing	Cost Effective	1	2	3	4	(5)
			Technically Feasible	1	2	3	4	(5)
			Environmentally Sound	1	2	3	(4)	5
			Immediate Need	1	2	3	(4)	5
			Risk Reduction	1	2	3	(4)	5
Structural stability analysis of Huffman Dam to assess any risks and develop a rehabilitation strategy, if necessary.	Dam/Levee Failure	☐Completed ☐Deleted ☒Ongoing	Cost Effective	1	2	3	4	(5)
			Technically Feasible	1	2	3	(4)	5
			Environmentally Sound	1	2	3	(4)	5
			Immediate Need	1	2	3	(4)	5
			Risk Reduction	1	2	3	(4)	5

MITIGATION ACTION SCORING MATRIX

Instructions

To complete this matrix, please write in each mitigation action applicable to your jurisdiction. Please score it from 1-5 for each category described below. For each category, a rating of 1 is the lowest score, a rating of 3 is neutral/unsure, and a rating of 5 is the highest score.

1. **Cost Effective – Rank 1 – 5** – the cost effectiveness of each proposed mitigation action, with 5 being the most cost effective and 1 being the least cost effective.
2. **Technically Feasible – Rank 1 – 5** – the feasibility of each proposed mitigation action, with 5 being the most feasible and 1 being the least feasible.
3. **Environmentally Sound – Rank 1 – 5** – the proposed mitigation action in terms of how environmentally sound it seems, with 5 being the most sound and 1 being the least sound.
4. **Immediate Need – Rank 1 – 5** – whether each proposed mitigation action is needed immediately, with 5 being the most immediate need and 1 being not an immediate need.
5. **Risk Reduction – Rank 1 – 5** – the proposed mitigation action on the extent to which it will reduce the total risk of the associated hazard, with 5 being the greatest contribution to risk reduction and 1 being the least contribution to risk reduction.

We encourage you to consider regularly occurring problems for each hazard listed below and suggest mitigation actions for these problems. You may also list regularly occurring problems within your community without suggesting a mitigation action.

Every jurisdiction (County, City, and Village) must have one mitigation action for each hazard they scored on their hazard priority. The following pages include four new FEMA-required actions for you to score. If an action is applicable, please score the action. If it is not applicable to your jurisdiction (i.e. your jurisdiction doesn't have any dams) please skip (don't score) the action.

Following the required new actions, you will have the space to draft new mitigation actions that are applicable to your jurisdiction and score them. Please list the applicable hazard for each new drafted action. Any new actions must correspond with the county's hazard priorities as follows: Severe Winter Weather, Tornadoes, Flooding, Severe Summer Weather, Drought and Extreme Heat, Invasive Species, Earthquakes, Dam/Levee Failure, Wildfire, and Landslides/Land Subsidence.

Name:	Title and Organization:	Jurisdiction:
Barry Puskas, PE, GISP	Chief of Technical and Engineering Services The Miami Conservancy District	The Miami Conservancy District Regional Subdivision of the State of Ohio

Mitigation Action (Strategy)	Risk	Ranking					
Required: Work with all jurisdictions on filling in gaps and strengthening capabilities in enacting mitigation strategies.		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
Required: Ensure all eligible jurisdictions are participating in the NFIP.		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
Required: Ensure all high-hazard potential dams have updated Emergency Action Plans (EAPs) in place. The MCD high-hazard dams have current EAPs and are updated annnually per ODNR Dam Safety requirements.		Cost Effective	1	2	3	4	(5)
		Technically Feasible	1	2	3	4	(5)
		Environmentally Sound	1	2	3	4	(5)
		Immediate Need	1	2	(3)	4	5
		Risk Reduction	1	2	3	4	(5)

Name:	Title and Organization:	Jurisdiction:
Barry Puskas, PE, GISP	Chief of Technical and Engineering Services The Miami Conservancy District	The Miami Conservancy District Regional Subdivision of the State of Ohio

Mitigation Action (Strategy)	Risk	Ranking					
Required: Obtain or create inundation maps for all dams. The MCD emergency action plans (EAPs) include inundation maps for both upstream storage and downstream dam failure areas.		Cost Effective	1	2	3	4	(5)
		Technically Feasible	1	2	3	4	(5)
		Environmentally Sound	1	2	3	4	(5)
		Immediate Need	1	2	3	(4)	5
		Risk Reduction	1	2	3	4	(5)
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

Name:	Title and Organization:	Jurisdiction:

Mitigation Action (Strategy)	Risk	Ranking					
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

Name:	Title and Organization:	Jurisdiction:

Mitigation Action (Strategy)	Risk	Ranking					
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

Name:	Title and Organization:	Jurisdiction:

Mitigation Action (Strategy)	Risk	Ranking					
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
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		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
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Name:	Title and Organization:	Jurisdiction:

Mitigation Action (Strategy)	Risk	Ranking					
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5

Public Comment Period

Emergency Management Agency

Greene County Hazard Mitigation Plan 2025 Update

Greene County is nearing the end of the 2025 Hazard Mitigation Plan update process. We are seeking community feedback on the draft plan. Below are details on how to participate. Please share this information with your community stakeholders.

The Draft Plan and feedback form are available at: https://burtonplanning.com/greene-

hmp/. Hard copies may be requested from the Greene County EMA Office.

Please review the draft plan and provide any comments by August 28, 2025. Comments can be submitted via email to ethan.raby@greenecountyohio.gov or by hard copy to the Greene County EMA office at 45 N. Detroit St., Xenia, OH 45385.

Thank you for your time and participation in this critical county effort.

- Greene County Mitigation Plan Public Comment Form

Greene County EMA aids Greene County and the jurisdictions within to be more prepared to respond to and recover from disasters through the strategic coordination of emergency services through programs such as planning, training, exercises, grants and emergency response.

Greene County EMA provides a comprehensive Emergency Management program which coordinates people and resources in order to protect the lives, property, and environment within Greene County. These goals will be achieved by using an all hazards approach of mitigation, preparedness, response and recovery to avert or minimize the effects of an emergency or natural or man-made disaster and support the response and recovery of the community.

Citizen Sign-up

Greene County has instituted the Hyper-Reach Emergency Notification System - an ultra high-speed telephone communication service for emergency

notifications. This system allows us to telephone all or targeted areas of the county in the event of emergency situations or critical community alerts.

Examples include:

- Bio-terrorism alerts
- Boil alert notices
- Chemical spills
- Evacuation notices
- Missing child reports
- Tornado warnings

You can use Hyper-Reach to submit additional contact information which can include your cell phone number and email address to the notification database.

Contact Us

Ethan Raby

Director

Email

Physical Address
45 N. Detroit St.
Xenia, OH 45385

Phone: (937) 562-5962
Fax: (937) 562-5995

Directory

Quick Links

- Federal Emergency Management Agency
- Ohio Emergency Management Agency

View All Links

Government Websites by CivicPlus®

Outlook

Greene County Mitigation Plan Public Comment Period

From Raby, Ethan <ethan.raby@greenecountyohio.gov>

Date Wed 8/13/2025 4:00 PM

To Huddleson, Brandon <brandon.huddleson@greenecountyohio.gov>; Gould, Dick <dick.gould@greenecountyohio.gov>; Koogler, Tom <tom.koogler@greenecountyohio.gov>; Mays, Sarah <Sarah.Mays@greenecountyohio.gov>; Abel, Vicki <vicki.abel@greenecountyohio.gov>; Hale, Lisa <lisa.hale@greenecountyohio.gov>; Chandler, Mark <mark.chandler@greenecountyohio.gov>; Doll, Dana <dana.doll@greenecountyohio.gov>; Mock, Lisa <lisa.mock@greenecountyohio.gov>; Kuzma, Al <al.kuzma@greenecountyohio.gov>; Pike, Ben <ben.pike@greenecountyohio.gov>; Foster, Jason <jason.foster@greenecountyohio.gov>; Beth Rubin <beth.rubin@jfs.ohio.gov>; Frazier, Chuck <Chuck.Frazier@greenecountyohio.gov>; Navratil, DeAndra <deandra.navratil@greenecountyohio.gov>; Anger, Scott <scott.anger@greenecountyohio.gov>; Balonier, Bradley <bradley.balonier@greenecountyohio.gov>; Funk, Dan <dan.funk@greenecountyohio.gov>; Goff, Stephanie <stephanie.goff@greenecountyohio.gov>; Miller, Eric <eric.miller@greenecountyohio.gov>

Cc Kimberly Cousins <kcousins@burtonplanning.com>

1 attachment (68 KB)

Greene County Mitigation Plan Public Comment Form.docx;

Good afternoon,

Greene County is nearing the end of the 2025 Hazard Mitigation Plan update process. We are seeking community feedback on the draft plan. Below are details on how to participate. Please share this information with your community stakeholders.

The Draft Plan and feedback form are available at: https://burtonplanning.com/greene-hmp/. Please review the draft plan and provide any comments to me by August 28, 2025.

Thank you for your time and participation in this critical county effort.

Respectfully,

Ethan Raby, MPA, OCEM
Director
Greene County Emergency Management Agency
937-562-5962

NAME: Thomas Breckel	POSITION: Director
JURISDICTION/ORGANIZATION: Clinton County EMA	

Community Feedback Comment Form

Instructions

Community feedback is critical for the success of the Greene County Hazard Mitigation Plan. Please take a moment to review the 2025 Hazard Mitigation Plan and leave your comments on the form provided. Thank you for taking the time to provide feedback on this plan.

Page	Section	Recommended Change	Reason for Change (if applicable)
8	Transportation	Capitalize "U" in Wright State university	
9	Water Bodies	Should read South Fork Massies Creek (currently says Form)	
11	History (2nd paragraph)	"Hanger" in aviation speak should read "hangar."	
11	History (near end of 2nd paragraph)	Should read Huffman Field (currently says Field).	
14	3rd paragraph (two instances)	Change all references from "census track" to "census tract.	
22	City of Fairborn (second sentence)	Change to "15,893" (insert comma)	
26	Second to last sentence	(Add a 0) Second largest race (0.42 percent).	

Please leave any general comments regarding the 2025 Hazard Mitigation Plan

Outlook

FW: Greene County Mitigation Plan Public Comment Period

From Raby, Ethan <ethan.raby@greenecountyohio.gov>
Date Thu 8/14/2025 10:29 AM
To Kimberly Cousins <kcousins@burtonplanning.com>

An additional point of feedback from the Commissioner's Office.

From: Mock, Lisa <lisa.mock@greenecountyohio.gov>
Sent: Thursday, August 14, 2025 9:58 AM
To: Raby, Ethan <ethan.raby@greenecountyohio.gov>
Subject: RE: Greene County Mitigation Plan Public Comment Period

I found another one. I'm not sure of the page number in the plan, but it is in the tornado events section under the May 27-20, 2019 major disaster declaration. The last sentence: "According to the Regional Planning Commission there were 1,182 Green Count properties damaged by the tornadoes."

Lisa Mock, Clerk
Greene County Board of Commissioners
35 Greene Street
Xenia, Ohio 45385
937-562-5165
lisa.mock@greenecountyohio.gov

From: Raby, Ethan <ethan.raby@greenecountyohio.gov>
Sent: Thursday, August 14, 2025 8:49 AM
To: Mock, Lisa <lisa.mock@greenecountyohio.gov>
Subject: RE: Greene County Mitigation Plan Public Comment Period

Thanks Lisa! I'll forward this to Burton Planning Services.

Respectfully,

Ethan Raby, MPA, OCEM
Director
Greene County Emergency Management Agency
937-562-5962

From: Mock, Lisa <lisa.mock@greenecountyohio.gov>
Sent: Thursday, August 14, 2025 8:48 AM
To: Raby, Ethan <ethan.raby@greenecountyohio.gov>
Subject: RE: Greene County Mitigation Plan Public Comment Period

Hi Ethan,

I just wanted to let you know I found a small typographical error. The item below is on page 115 of the plan.

Emergency Declaration for Bliazzards & Snowstorms, January 26, 1978: On January 26, 1978, an emergency declaration (EM-3055-OH) was issued for every county in Ohio due to Blizzards and snowstorms. Every county in Ohio was able to receive public assistance.

Thank you and have a great day!

Lisa Mock, Clerk
Greene County Board of Commissioners
35 Greene Street
Xenia, Ohio 45385
937-562-5165
lisa.mock@greenecountyohio.gov

From: Raby, Ethan <ethan.raby@greenecountyohio.gov>
Sent: Wednesday, August 13, 2025 3:58 PM
To: Huddleson, Brandon <brandon.huddleson@greenecountyohio.gov>; Gould, Dick <dick.gould@greenecountyohio.gov>; Koogler, Tom <tom.koogler@greenecountyohio.gov>; Mays, Sarah <Sarah.Mays@greenecountyohio.gov>; Abel, Vicki <vicki.abel@greenecountyohio.gov>; Hale, Lisa <lisa.hale@greenecountyohio.gov>; Chandler, Mark <mark.chandler@greenecountyohio.gov>; Doll, Dana <dana.doll@greenecountyohio.gov>; Mock, Lisa <lisa.mock@greenecountyohio.gov>; Kuzma, Al <al.kuzma@greenecountyohio.gov>; Pike, Ben <ben.pike@greenecountyohio.gov>; Foster, Jason <jason.foster@greenecountyohio.gov>; Beth Rubin <beth.rubin@jfs.ohio.gov>; Frazier, Chuck <Chuck.Frazier@greenecountyohio.gov>; Navratil, DeAndra <deandra.navratil@greenecountyohio.gov>; Anger, Scott <scott.anger@greenecountyohio.gov>; Balonier, Bradley <bradley.balonier@greenecountyohio.gov>; Funk, Dan <dan.funk@greenecountyohio.gov>; Goff, Stephanie <stephanie.goff@greenecountyohio.gov>; Miller, Eric <eric.miller@greenecountyohio.gov>; Amanda McKay <greeneswcd@outlook.com>; 'Kim Caudill' <kcaudill@gcph.info>; 'bpuskas@mcdwater.org' <bpuskas@mcdwater.org>; 'psclayton@dps.ohio.gov' <psclayton@dps.ohio.gov>; 'Sam Reed (soreed@dps.ohio.gov)' <soreed@dps.ohio.gov>; 'neyockey@dps.ohio.gov' <neyockey@dps.ohio.gov>; 'Pete Landrum' <manager@beavercreekohio.gov>; 'Chad Lindsey' <lindseyc@beavercreekohio.gov>; 'm.schweller@cityofbellbrook.org' <m.schweller@cityofbellbrook.org>; 'b.harding@cityofbellbrook.org' <b.harding@cityofbellbrook.org>; 'k.cyphers@cityofbellbrook.org' <k.cyphers@cityofbellbrook.org>; 'f.greenwood@cityofbellbrook.org' <f.greenwood@cityofbellbrook.org>; 'e.havens@cityofbellbrook.org' <e.havens@cityofbellbrook.org>; 'l.ashley@cityofbellbrook.org' <l.ashley@cityofbellbrook.org>; 't.hoke@cityofbellbrook.org' <t.hoke@cityofbellbrook.org>; 'Rob Schommer' <r.schommer@cityofbellbrook.org>; 'Anthony Bizzarro' <a.bizzarro@cityofbellbrook.org>; 'Steve Carmin' <s.carmin@cityofbellbrook.org>; 'daniel.kirkpatrick@fairbornoh.gov' <daniel.kirkpatrick@fairbornoh.gov>; 'clint.allen@fairbornoh.gov' <clint.allen@fairbornoh.gov>; 'sylvia.chess@fairbornoh.gov' <sylvia.chess@fairbornoh.gov>; 'tana.stanton@fairbornoh.gov' <tana.stanton@fairbornoh.gov>; 'adam.fritzsche@fairbornoh.gov' <adam.fritzsche@fairbornoh.gov>; 'rodney.mccubbins@fairbornoh.gov' <rodney.mccubbins@fairbornoh.gov>; 'mary.reaster@fairbornoh.gov' <mary.reaster@fairbornoh.gov>; 'Michael Gebhart' <michael.gebhart@fairbornoh.gov>; 'Ryan Williams' <ryan.williams@fairbornoh.gov>; 'Ben Roman' <ben.roman@fairbornoh.gov>; 'wurschel@cityofxenia.org' <wurschel@cityofxenia.org>; 'wsmith@cityofxenia.org' <wsmith@cityofxenia.org>; 'ldean@cityofxenia.org' <ldean@cityofxenia.org>; 'jcrawford@cityofxenia.org' <jcrawford@cityofxenia.org>; 'ereynolds@cityofxenia.org' <ereynolds@cityofxenia.org>; 'fsorice@cityofxenia.org' <fsorice@cityofxenia.org>; 'Brent Merriman' <bmerriman@ci.xenia.oh.us>; 'Eric Henry' <ehenry@cityofxenia.org>; 'XFD--Riggsby, Ken' <KRiggsby@CityOfXenia.org>; 'Chris Stutes' <cstutes@ci.xenia.oh.us>; 'Village of Bowersville' <villageofbowersville@yahoo.com>; 'mayor@cedarville.us' <mayor@cedarville.us>;

'councilmember1@cedarville.us' <councilmember1@cedarville.us>; 'councilmember2@cedarville.us' <councilmember2@cedarville.us>; 'councilmember3@cedarville.us' <councilmember3@cedarville.us>; 'councilmember4@cedarville.us' <councilmember4@cedarville.us>; 'councilmember5@cedarville.us' <councilmember5@cedarville.us>; 'councilmember6@cedarville.us' <councilmember6@cedarville.us>; 'villageadministrator@cedarville.us' <villageadministrator@cedarville.us>; 'Cedarville Police Chief' <policechief@cedarville.us>; 'Sue Chasnov' <suechasnov@gmail.com>; 'mhaines_jamestown@yahoo.com' <mhaines_jamestown@yahoo.com>; 'bnoah@jamestownpd.org' <bnoah@jamestownpd.org>; 'smclaughlin1955@gmail.com' <smclaughlin1955@gmail.com>; 'sahorrall@gmail.com' <sahorrall@gmail.com>; 'r.anderson.3223@gmail.com' <r.anderson.3223@gmail.com>; 'charner103@aopl.com' <charner103@aopl.com>; 'lori.carroll.sv@gmail.com' <lori.carroll.sv@gmail.com>; 'birdsong.austin.miller@gmail.com' <birdsong.austin.miller@gmail.com>; 'mickmacomber17@gmail.com' <mickmacomber17@gmail.com>; 'svclerkoh@gmail.com' <svclerkoh@gmail.com>; 'Bert Bonecutter' <bbonessv@gmail.com>; 'mayorpam@yso.com' <mayorpam@yso.com>; 'cbrown@yso.com' <cbrown@yso.com>; 'bhoush@yso.com' <bhoush@yso.com>; 'tgustafson@yso.com' <tgustafson@yso.com>; 'kstokes@yso.com' <kstokes@yso.com>; 'Johnnie Burns, Interim Village Manager, Director of Public Works' <JBurns@yso.com>; 'pburge@yso.com' <pburge@yso.com>; 'mclements@bathtwp.us' <mclements@bathtwp.us>; 'rhoffman@bathtwp.us' <rhoffman@bathtwp.us>; 'klester@bathtwp.us' <klester@bathtwp.us>; 'administrator@bathtwp.us' <administrator@bathtwp.us>; 'dwallace@beavercreektownship.org' <dwallace@beavercreektownship.org>; 'tkretz@beavercreektownship.org' <tkretz@beavercreektownship.org>; 'jdean@beavercreektownship.org' <jdean@beavercreektownship.org>; 'jzaharieff@beavercreektownship.org' <jzaharieff@beavercreektownship.org>; 'Ryan Rushing' <rrushing@beavercreektownship.org>; 'David VandenBos' <firechief@beavercreektownship.org>; 'jeromy_61@yahoo.com' <jeromy_61@yahoo.com>; 'jd4020kb@gmail.com' <jd4020kb@gmail.com>; 'vantress68@gmail.com' <vantress68@gmail.com>; 'boeck@cedarvilletwp.us' <boeck@cedarvilletwp.us>; 'ewry@cedarvilletwp.us' <ewry@cedarvilletwp.us>; 'krajicek@cedarvilletwp.us' <krajicek@cedarvilletwp.us>; 'Kyle Miller' <miller@cedarvilletwp.us>; 'jefftwp@yahoo.com' <jefftwp@yahoo.com>; 'burchtree5@att.net' <burchtree5@att.net>; 'rkzehring@gmail.com' <rkzehring@gmail.com>; 'Luke Brubaker' <jeffersontwpfireems@yahoo.com>; 'trustees@miamitownship.net' <trustees@miamitownship.net>; 'Denny Powell' <dpowell@mtfr.org>; 'dbingamon@newjaspertownship.com' <dbingamon@newjaspertownship.com>; 'mlylehorsley@hotmail.com' <mlylehorsley@hotmail.com>; 'paclever@gmail.com' <paclever@gmail.com>; 'Doug McDaniel' <dmcdaniel@newjaspertownship.com>; 'mike.brown6587@aol.com' <mike.brown6587@aol.com>; 'lynzycampbell@gmail.com' <lynzycampbell@gmail.com>; 'spahrfarm@yahoo.com' <spahrfarm@yahoo.com>; 'Steve Payton' <silvercreek41s@yahoo.com>; 'jdewine@svtwp.org' <jdewine@svtwp.org>; 'pmartin@svtwp.org' <pmartin@svtwp.org>; 'sjones@svtwp.org' <sjones@svtwp.org>; 'Rusty Cross' <rcross@svtwp.org>; 'cdestefani@sugarcreekoh.us' <cdestefani@sugarcreekoh.us>; 'mmoeller@sugarcreekoh.us' <mmoeller@sugarcreekoh.us>; 'fcramer@sugarcreekoh.us' <fcramer@sugarcreekoh.us>; 'Doug Buffenbarger' <dbuffenbarger@sugarcreekoh.us>; 'Mike Brown' <mbrown@sugarcreekoh.us>; 'scombs@xeniatownship.org' <scombs@xeniatownship.org>; 'Scott Miller' <smiller@millerengineeringgroup.com>; 'jvandyne@xeniatownship.org' <jvandyne@xeniatownship.org>; 'Alan Stock' <astock@xeniatownship.org>; 'Greg Beegle' <gbeegle@xeniatownship.org>; 'Paul Otten' <paul.otten@beavercreek.k12.oh.us>; 'Dr. Cozad' <doug.cozad@bss.k12.oh.us>; 'Brian Masser' <bmasser@ccliff.net>; 'Amy Gayheart' <agayheart@fairborn.k12.oh.us>; 'Sabrina Woodruff' <sabrina.woodruff@greeneview.org>; 'Gabe Lofton' <glofton@xeniaschools.org>; 'Terri Holden' <tholden@ysschools.org>; 'jeffrey.kitzmiller@us.af.mil' <jeffrey.kitzmiller@us.af.mil>; 'Stephanie Hill' <shill2@centralstate.edu>; 'J Cross' <jcross@wilberforce.edu>; 'Cox, David M.' <david.cox@wright.edu>; 'bdupchurch@cedarville.edu' <bdupchurch@cedarville.edu>; Owens, Travis <travis.owens@greenecountyohio.gov>; 'Brian Roos' <broos@morrisbean.com>; 'Clint Kayser' <clintk@sanygen.net>; 'Kate Hone' <katehone@icloud.com>; 'Miquilini, Marina' <miquilini.1@osu.edu>; 'Bradford, Kristi' <Kristi.Bradford@ketteringhealth.org>; 'jdburdick@PremierHealth.com' <jdburdick@PremierHealth.com>; 'Mary Porter' <mporter@gdaha.org>; 'Kristy Fryman' <KFryman@shelbyco.net>; 'Mindy Saylor' <mindy@darkecountyema.org>; 'William Frey' <wfrey@co.champaign.oh.us>; 'Joel Smith' <jsmith@miamicountyohio.gov>; 'Clements-Pitstick, Michelle' <MClements-Pitstick@clarkcountyohio.gov>; 'Suzy Cottingim' <scottingim@prebleema.org>; 'Nedra Havens' <HavensN@mcohio.org>; 'Jim A. Bolen' <Jim.Bolen@bcohio.gov>; 'Sydney Renner' <sydney.renner@wcoh.net>; 'Breckel, Thomas' <breckel.thomas@clintoncountyohio.us>; 'Melissa Havens' <melissa.havens@fayette-co-

oh.com>; 'deb.sims@madison.oh.gov' <deb.sims@madison.oh.gov>; 'Jean Cline' <jean.cline@redcross.org>; 'gleason@cicloh.com' <gleason@cicloh.com>; 'gail@gcfp.org' <gail@gcfp.org>; 'Terry Strieter' <tstrieter@greenesc.org>; 'Kimberly Cousins' <kcousins@burtonplanning.com>; 'Vincent Amato' <amatov@beavercreekohio.gov>; 'Jeff Moorman' <moorman@beavercreekohio.gov>; 'Johnnie Burns, Village Manager' <Johnnie.Burns@yellowsprings.gov>; 'Anthony Bizzarro' <A.Bizzarro@bellbrook.gov>; 'Brian Housh, Council' <Brian.Housh@yellowsprings.gov>; 'VandenBos, David' <dvandenbos@beavercreektownship.org>; 'T.J. Hoke, Council' <T.Hoke@bellbrook.gov>; 'Jeff Eckley' <jeff.eckley@bss.k12.oh.us>; 'XCMO--Merriman, Brent' <bmerriman@CityOfXenia.org>; 'Joey Shope' <shope@beavercreekohio.gov>; journaling <journaling@greenecountyohiogov.onmicrosoft.com>; 'anthony@cliftonmill.com' <anthony@cliftonmill.com>; 'Bill Titley' <wtitley@fairborn.k12.oh.us>; 'lknguyen@dps.ohio.gov' <lknguyen@dps.ohio.gov>; 'Jacob Blocher' <blocher@cedarvilletwp.us>; 'Grant Burch' <burch@cedarvilletwp.us>
Cc: Kimberly Cousins <kcousins@burtonplanning.com>
Subject: Greene County Mitigation Plan Public Comment Period

Good afternoon,

Greene County is nearing the end of the 2025 Hazard Mitigation Plan update process. We are seeking community feedback on the draft plan. Below are details on how to participate. Please share this information with your community stakeholders.

The Draft Plan and feedback form are available at: https://burtonplanning.com/greene-hmp/ [burtonplanning.com]. Please review the draft plan and provide any comments to me by August 28, 2025.

Thank you for your time and participation in this critical county effort.

Respectfully,

Ethan Raby, MPA, OCEM
Director
Greene County Emergency Management Agency
937-562-5962

Review of 2025 Greene County Hazard Mitigation Plan

- On pg 2 Huber Heights is not listed as a City outside of Greene County but opting to participate like Dayton, Centerville and Kettering; yet their demographics are included. Question why include any of the above jurisdictions in the demographics as they did not participate in the meetings or submit mitigation strategies.
    - HH has already been removed from the demographics. Please add Huber Heights to table 1.1.1 on page 2 and add the city to the footnote with Centerville, Dayton, Kettering and Clifton.

- On pg 18 City of Beavercreek shows 62 mobile housing units; question the accuracy.
    - Please double check and provide source
        - **I did double check this number and it is the estimate from the census – 5-year estimates subject table: S2504 for 2023.**

- In Unit 4 Risk Assessments: where is the Expected Annual Loss (Agriculture) information obtained; losses seem extremely low in all categories.
    - Please provide source
        - **This comes from the NRI tables. These tables are downloaded and in their own appendix for review. The top 20 census tracts are put in the risk assessment, but if there are more than 20 census tracts the rest will be in the appendix along with the census tracts map.**
        - **https://hazards.fema.gov/nri/report/viewer?dataLOD=Counties&dataIDs=C39057**
        - **I double checked this numbers and they are correct.**
- Starting on pg 137 under Hazards not assessed; just because a community opted not to include an assessment of a hazard does not indicate they are "not affected" need to re-word.
    - Concur with regard to Earthquakes, Invasive Species, Landslides and Wildfire – double check whether there are any dams or any potential of dam hazard in Bowersville

- On pg 140 # 12 in Mitigation Action seems that the word "gate" should be rate?
    - I think this is actually #14 on page 142. Please also review and fix #13 on page 142 (adpot – even if the word is "adopt" it doesn't read well).

Outlook

FW: Greene County Mitigation Plan Public Comment Period

From Raby, Ethan <ethan.raby@greenecountyohio.gov>
Date Thu 8/14/2025 9:39 AM
To Kimberly Cousins <kcousins@burtonplanning.com>

1 attachment (68 KB)
Greene County Mitigation Plan Public Comment Form (Breckel).docx;

Please see attached feedback from Clinton County EMA.

Respectfully,

Ethan Raby, MPA, OCEM
Director
Greene County Emergency Management Agency
937-562-5962

From: Breckel, Thomas <breckel.thomas@clintoncountyohio.us>
Sent: Thursday, August 14, 2025 9:34 AM
To: Raby, Ethan <ethan.raby@greenecountyohio.gov>
Subject: RE: Greene County Mitigation Plan Public Comment Period

CAUTION: This email originated from outside the Greene County Network.

Did a quick scan and found the attached.

Cheers,
Thomas Breckel
Clinton Co. EMA
(937) 382-6673
breckel.thomas@clintoncountyohio.us
https://www.cc-ema.org/ [cc-ema.org]

[cc-ema.org]

From: Raby, Ethan <ethan.raby@greenecountyohio.gov>
Sent: Wednesday, August 13, 2025 3:58 PM
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Subject: Greene County Mitigation Plan Public Comment Period

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Good afternoon,

Greene County is nearing the end of the 2025 Hazard Mitigation Plan update process. We are seeking community feedback on the draft plan. Below are details on how to participate. Please share this information with your community stakeholders.

The Draft Plan and feedback form are available at: https://burtonplanning.com/greene-hmp/ [burtonplanning.com]. Please review the draft plan and provide any comments to me by August 28, 2025.

Thank you for your time and participation in this critical county effort.

Respectfully,

Ethan Raby, MPA, OCEM
Director
Greene County Emergency Management Agency
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