

List of Sources

- Alum Creek Lake, Dam Safety Emergency Action Plan, U.S. Army Corps of Engineers
- American Association of States Climatologists. (<http://www.stateclimate.org/>)
- Big Darby Watershed (<http://www.darbywatershed.com/>)
- Central Ohio Greenways Implementation Guide 2006 (<http://www.morpc.org/pdf/GreenwaysImpl2006GUIDE.pdf>)
- City of Columbus Department of Public Utilities (<http://www.columbuswater.com>)
- Draft State of Ohio Enhanced Mitigation Plan, Ohio Emergency Management Agency
- Emergency Action Plan for O'Shaughnessy Dam, City of Columbus, Division of Water
- FEMA. Community Rating System (CRS) Communities and their Classes (<http://www.fema.gov/library/viewRecord.do?id=3629>)
- FEMA. 2010a. Community Status Book Report. (<http://www.fema.gov/cis/OH.pdf>)
- Franklin County Emergency Management and Homeland Security (FCEM&HS). Emergency Operations Plan (http://www.franklincountyohio.gov/emahs/documents/eop_3-25-11.pdf)
- Franklin County Economic Development and Planning Department. (<http://www.franklincountyohio.gov/edp>)
- Hazard Analysis for Franklin County, Emergency Management Agency for Franklin County
- National Oceanic and Atmospheric Administration (NOAA). Enhanced Fujita Scale for Tornado Damage. (<http://www.spc.noaa.gov/faq/tornado/ef-scale.html>)
- Natural Resources Conservation Service. 2010. (<http://www.nrcs.usda.gov/>)
- National Weather Service- Eastern Region. (<http://www.erh.noaa.gov>)
- NOAA. Snowfall – Average Total in Inches. (<http://lwf.ncdc.noaa.gov/oa/climate/online/ccd/snowfall.html>)
- NOAA. Ohio, Climate Division 5, Palmer Drought Severity Index (PDSI) (<http://www.ncdc.noaa.gov/temp-and-precip/time-series/index.php?parameter=pdsi&month=4&year=2011&filter=6&state=33&div=5>)
- Columbus Department of Development. Current Projects – Overview, (<http://development.columbus.gov/planning/currentprojects.aspx>)

- Ohio Department of Development. Franklin County Profile (<http://development.ohio.gov/research/files/s0/Franklin.pdf>)
- Ohio Insurance Institute. Newsroom (<https://www.ohioinsurance.org/news/>)
- Ohio EMA. State of Ohio: Hazard Identification and Risk Analysis (HIRA) (http://ema.ohio.gov/Documents/OhioMitigationPlan/2011/Appendix%20I_Ohio%20HIRA.pdf)
- Ohio EMA. Drought Incident Annex (http://ema.ohio.gov/Documents/Ohio_EOP/drought_annex.pdf)
- Ohio DOA. Plant Health Division - Emerald Ash Borer (<http://www.agri.ohio.gov/eab/>)
- Ohio Department of Natural Resources (ODNR). Earthquakes in Ohio (<http://www.dnr.state.oh.us/Portals/10/pdf/EL/el09.pdf>)
- Richter, C. F., Elementary Seismology. (http://www.uwiseismic.com/Downloads/Eq_mercalli_scale.pdf)
- State of Ohio Disaster History. Presidential Disaster Declarations (1964 - 2011). (http://ema.ohio.gov/Documents/OhioMitigationPlan/2011/Appendix%20A_State%20of%20Ohio%20Disaster%20History%20Chart.pdf)
- U.S. Army Corps of Engineers, Huntington District Web Site
- U.S. Census. 2010. (<http://2010.census.gov/2010census/popmap/>)
- U.S. Census. Population Census Count by County, City, Village and Township, March 2011. (<http://www.development.ohio.gov/research/documents/ALLSUBCOUNTY2010.pdf>)
- U.S. Census. State & County QuickFacts (<http://quickfacts.census.gov/qfd/states/39/39049.html>)
- U.S. Department of Agriculture (USDA). National Agricultural Statistics Service. (http://www.nass.usda.gov/Statistics_by_State/Ohio/index.asp)
- U.S. Department of the Interior, U.S. Geological Survey. U.S. State Information on Drought, last updated May 25, 2010. (<http://waterwatch.usgs.gov/?m=dryw>)
- USDA. 2007 Census of Agriculture (http://www.agcensus.usda.gov/Publications/2007/Online_Highlights/County_Profiles/Ohio/cp39049.pdf)
- USGS Ohio Seismic Hazard Map (<http://earthquake.usgs.gov/earthquakes/states/ohio/hazards.php>)
- USGS Ohio Earthquake Hazard Program (<http://earthquake.usgs.gov/>)

List of Acronyms

CDBG	Community Development Block Grant
CRS	Community Rating System
FCEM&HS	Franklin County Emergency Management & Homeland Security
FEMA	Federal Emergency Management Agency
FIRM	Flood Insurance Rate Map
GIS	Geographic Information System
HUD	Housing and Urban Development
MORPC	Mid-Ohio Regional Planning Commission
NCDC	National Climate Data Center
NFIP	National Flood Insurance Rate Program
NOAA	National Oceanic and Atmospheric Administration
ODNR	Ohio Department of Natural Resources
OEMA	Ohio Emergency Management Agency
OSU	Ohio State University
PDSI	Palmer Drought Severity Index
USDA	United States Department of Agriculture
USGS	United States Geological Survey

**Appendix I-
Sample Resolution for Franklin County Jurisdictions**

The following is a sample resolution in support of the Franklin County Natural Hazards Mitigation Plan. A resolution adopting the plan must be passed by Franklin County and in each participating city and village in Franklin County. Townships may adopt, however they are covered under the Franklin County Commissioner’s adoption.

Copies of local adoption resolutions follow in this appendix.

(Sample Resolution)

RESOLUTION ADOPTING THE FRANKLIN COUNTY NATURAL HAZARDS MITIGATION PLAN

WHEREAS, Franklin County has a history of experiencing damage from flooding, tornadoes, severe summer weather, severe winter weather, and other hazards resulting in property loss, loss of life, economic hardship, and threats to public health and safety;

WHEREAS, the *Franklin County Natural Hazards Mitigation Plan* has been updated after more than a year of research and work done by Franklin County Emergency Management and Homeland Security and representatives of various local governmental agencies and stakeholder organizations; and

WHEREAS, the plan recommends mitigation actions submitted by each local jurisdictions designed to mitigate the impacts of natural hazards on the people and property in Franklin County; and

WHEREAS, adoption of this natural hazards mitigation plan is a show of support for continued natural hazards mitigation and a condition of eligibility to receive federal mitigation funds available through the Federal Emergency Management Agency;

NOW THEREFORE BE IT RESOLVED THAT _____ (city, village, township) _____ does hereby adopt the *Franklin County Natural Hazards Mitigation Plan*.

Adopted at a meeting of the _____, on this day _____.

Said Resolution was adopted upon the following vote:

Appendix II- Core Group Meetings

LIST INVITED TO CORE GROUP

Agency	Name	New to Group	Category
American Electric Power	Natalie McCord	Y	Business
Contingency Planners of Ohio	Steve Sims- Central Program Director (Huntington)	Y	Business
City of Columbus Department of Development	Boyce Stafford III- Director- Declined to participate	Y	Government
City of Columbus Department of Development- Neighborhood Liaison Program Coordinator	Michael Puckett- Declined to participate	Y	Government
City of Columbus Department of Development- Building and Zoning	Tracie Davies- Director	Y	Government
City of Columbus Department of Public Utilities	Tatyana Arsh	Y	
City of Columbus Division of Water	Lynn Kelly	N	Government
City of Columbus Division of Water- Watershed Management	John Carter- Manager	Y	Government
City of Columbus Division of Sewerage and Drainage	Mike Foster	Y	
City of Columbus- Planning	Renee VanSickle- NFIP/ Floodplain Manager	Y	Government
City of Columbus Division of Recreation and Parks	Tina Mohn		Government
City of Dublin	Dana McDaniel	N	Government
City of Gahanna	General Jim Williams	Y	Government
City of Whitehall	Mayor Wolfe or Chief Tim Tilton	Y	Government
Darby Creek Association	John Tetzloff- Declined to participate	Y	Public
Franklin County Auditor's Office	Tony Frissora	N	Government
Franklin County Economic Development and Planning	Lee Brown- Planner	Y	Government
Franklin County Economic Development and Planning	Matt Brown- Planner/ Floodplain Administrator	Y	Government
FCEM&HS	Jamie Stout- Planner	Y	Government
FCEM&HS	Ian Dunn- GIS/ HAZUS	Y	Government
Franklin County Engineer's Office	Mark Sherman	Y	Government
Franklin County Sanitary Engineer	Steven Renner- Director	Y	Government
Franklin County Soil and Water	Dave Reutter	Y	Government
Franklin Township Fire	Chief Howard	Y	Government
Friends of Alum Creek and Tributaries	Dave Hohmann- Declined to participate	Y	Public
Friends of Big Walnut Creek and Tributaries	Dan Binder- Declined to participate	Y	Public
Friends of Blacklick Creek	Kurt Keljo- Declined to participate	Y	Public
Friends of Lower Olentangy Watershed	Heather Dean- Declined to participate	Y	Public
Friends of the Scioto River	Alex Silbajoris- Declined to participate	Y	Public
Grange Insurance	John Match replaced by Nancy Collier	Y	Business
Mid-Ohio Regional Planning Commission	Dan Haake	Y	Government
National Weather Service	Julia Dian-Reed	N	Government
Rocky Fork Protection Task Force	William Zamora- Declined to participate	Y	Public
Village of Groveport	Darryl Hughes replaced with Steve Morris	Y	Government
Village of Obetz	Sonja Simpson- replace with Doug Browell	Y	Government
Walnut Action Group	Bill Yapple- Declined to participate	Y	Public
EMH&T for the City of Whitehall	Miles Hebert	Y	Contractor
Subject Matter Experts from State and Federal Agencies	ODNR, OEMA, OEPA , Dept. of Agriculture, Army Corps of Engineers and others will be called upon as needed.		Government

MEETING MINUTES FROM APRIL 7, 2011



277 W. Nationwide Blvd.
Columbus, OH 43215
Telephone: (614) 464-4500
Facsimile: (614) 464-0588
Architectural & Engineering Services

MEETING MINUTES

LOCATION: Franklin County Emergency Management and Homeland Security

MEETING DATE: April 7, 2011, 9:00 a.m. - 11:00 a.m.

BY: Kari Mackenbach and Jamie Stout

ISSUE DATE: April 8, 2011

ATTENDEES: FCEM&HS- Michael Pannell, Jamie Stout
City of Gahanna- Jim Williams, Terry Emery
City of Dublin- Tom Hirschy
City of Columbus- Lynn Kelly, John Carter, Mike. Foster, Tina Mohn
Franklin Co. Engineer- Mark Waite
City of Whitehall- Zach Woodruff
EMH&T- Rian Sallee
MORPC- Andy Taylor
FCWCD- Dave Reutter
FCEDP- Matt Brown
National Weather Service- Julie Reed
URS- Kari Mackenbach, Bill Porteus

PROJECT: Franklin County NHMP

JOB NO.: URS: 14577541

RE: Core Group Meeting

COPIES: Attendees (see above), Central Files, All Jurisdictions (*)

This report will confirm those items discussed and/or reached. Unless information to the contrary is received within five (5) working days, the writer will assume all participants agree with the contents of this memorandum.

The meeting was held at the Franklin County Emergency Management and Homeland Security building. Items discussed were as follows:

AGENDA:

- **Introductions**
- **Risk Assessment for Franklin County**
- **Mitigation Overview**
 - What is the Natural Hazards Mitigation Plan (NHMP)?
 - What are the current trends in Mitigation Planning?
 - FEMA fundable projects
- **Plan Overview**
 - Update process
 - What is the role of the core group?
 - Examination of 2007 mitigation action items

- **Next steps**
 - Comments on current version- email to jlstout@franklincountyohio.gov by April 21st.
 - Updates and proposed projects for updated version for next meeting
 - Gaps in core group membership
- **Next meeting**

MEETING MINUTES

Specific items of importance discussed at the meeting were as follows:

- 1) Introductions
- 2) Risk Assessment for Franklin County was presented by Director Michael Pannell
 - a) The Mitigation Plan will examine natural hazards documented in the Risk Assessment
 - b) Flooding- #1 Hazard in Franklin and is the #1 funded hazard as it relates to receiving FEMA grant dollars.
- 3) Mitigation Overview
 - a) The Natural Hazards Mitigation Plan (Plan) facilitates the identification of natural hazards, identifies methods to lessen or eliminate the risks of those hazards, and ensures the county is eligible for federal mitigation funding.
 - b) The Plan established projects that can be funded before or after a disaster.
 - c) The state is launching a new program called State Hazard Analysis, Resource and Planning Portal (SHARPP).
 - d) Project ready mitigation has the best chance at obtaining funding
- 4) Plan Overview
 - a) The first task of the planning process is data collection and updating any new material
 - b) Examination of existing action items
 - i) Core Group will take action items home to review action items and add additional items they believe should be addressed
 - c) New Material for the Plan
 - i) Asian Carp- Invasive Species
 - ii) County Extreme Heat Plan 2010
 - iii) 21 of 26 houses are being acquired on Whims ditch
 - iv) Franklin Co. went through the NFIP Map Modernization program in 2008.
Franklin Co. is on the schedule to go through the Risk Map program (not in 2011).
- 5) Next Steps
 - a) Action Items
 - i) Send out link of Mitigation Best Practices to show examples of fundable projects to Core Group.
 - ii) Use smarter Communication to minimize meeting (email, etc.).
 - iii) New project ideas will be sent back via email
 - iv) #4 (Reverse 911) & #5 (Weather Radios)- needs to be updated
 - v) #2 (Blacklick Creek debris removal) is completed
 - vi) #1 (City of Whitehall repeat flooding)- in process of acquiring property
 - b) New formatting for plan was accepted by core group and approved
 - c) Think of people not invited to fill in gaps to the Core Group

END OF MINUTES

MEETING MINUTES FROM JUNE 16, 2011



277 W. Nationwide Blvd.
Columbus, OH 43215
Telephone: (614) 464-4500
Facsimile: (614) 464-0588
Architectural & Engineering Services

MEETING MINUTES

LOCATION: Franklin County Emergency Management and Homeland Security

MEETING DATE: June 16, 2011, 9:00 a.m. - 11:00 a.m.

BY: Kari Mackenbach and Jamie Stout

ISSUE DATE: June 20, 2011

ATTENDEES: FCEM&HS- Jamie Stout
City of Gahanna- Jim Williams, Terry Emery
City of Dublin- Tom Hirschy
City of Columbus- Lynn Kelly, John Carter, Mike Foster, Tina Mohn
Franklin Co. Engineer- Mark Waite
City of Whitehall- Zach Woodruff
EMH&T- Rian Sallee
MORPC- Andy Taylor
FCWCD- Dave Reutter
FCEDP- Matt Brown
National Weather Service- Julie Reed
URS- Kari Mackenbach, Bill Porteus

PROJECT: Franklin County NHMP

JOB NO.: URS: 14577541

RE: Core Group Meeting

COPIES: Attendees (see above), Central Files, All Jurisdictions (*)

This report will confirm those items discussed and/or reached. Unless information to the contrary is received within five (5) working days, the writer will assume all participants agree with the contents of this memorandum.

The meeting was held at the Franklin County Emergency Management and Homeland Security building. Items discussed were as follows:

AGENDA:

- I. Action Plan Update
 - Current Status
- II. Examples- Action Items
 - List community examples
- III. Land Use Development Trends Discussion
 - FEMA Crosswalk Requirement
- IV. Prioritization of Existing Hazards based on Action Items
- V. Short-Term Action Items
 - Update progress
 - Add new items

- VI. Long-Term Action Items
 - Update progress
 - Add new items
- VII. Next meeting

MEETING MINUTES

Specific items of importance discussed at the meeting were as follows:

- 1) Action Plan Update
 - a) Current Status
- 2) Examples- Action Items
 - Reword some action items to strengthen funding potential
 - Send out HMA Guide to use for mitigation applications
- 3) Land Use Development Trends Discussion
 - Dublin will be following Form Based Design in parts of the city
 - City of Columbus Division of Watershed Management manages and enforces land use around the three City of Columbus reservoirs through the Land Stewardship Program
 - Casino development and the potential change around the area
 - Southside of Franklin County with the Lockbourne Airport
- 4) Prioritization of Existing Hazards based on Action Items
 - Core Group was asked by Jamie Stout how to best prioritize Action Items in the plan. There was consensus on prioritization of action items based on the hazard they mitigate. For example, since flooding is the number one hazard in Franklin County, then all the action items related to flooding are ranked at the as high priority. The Core Group members will have a chance to review the ranked action items later in the process as part of the draft plan review.
- 5) Short-Term Action Items (please see spreadsheet)
 - #1: Completed
 - #2: Completed
 - #3: Ongoing- Number of sirens needed will be updated, add in Jefferson Township and Gahanna using CodeRed, add in other jurisdictions using similar warning methods
 - #4: Completed
 - #5: Completed- FCEM&HS has list of facilities that obtained radios
 - #6: Ongoing- Suggested to be moved to a long term item
 - Backup generators needed for pump stations and treatment plants
 - #7: Ongoing- (Parks that have them already are located in Westerville and Dublin)

Add new items

 - Sauder Ditch Erosion (Gahanna)
 - Flood Plain Mapping (overall)
 - Stream Set Backs & Jurisdiction education campaign (overall)
 - Interested parties: ODNR, NRCS, watershed groups, etc.
 - Emergency Exercises (dam failure and other hazards)
 - Columbus Flood Modeling Enhancement
 - Impervious area update

- More stream gauges
- New website and better weather prediction
- 6) Long-Term Action Items
 - #1: Ongoing
 - #2: Ongoing- remove MORPC from the action for bridge inventory
Identify at-risk structures such as critical facilities
 - #3: Ongoing- Stream restoration
Add Partners to this project to assist with expertise
Change wording
 - #4: Ongoing
 - #5: Ongoing- Change "Smart Highway" term
 - #6: Ongoing- Number needs updated
 - Add new items
 - Potentially look at stormwater concerns countywide
 - Map dangerous and critical infrastructure in flood zones
 - Gould Park housing acquisition
- 7) Next meeting

END OF MINUTES

LETTER TO ADJACENT COUNTIES

Franklin County Emergency Management & Homeland Security

5300 Strawberry Farms Boulevard
Columbus, Ohio 43230-1049
Office (614) 794-0213 Fax (614) 882-3209
www.franklincountyohio.gov/emahs



August 11, 2011

EMA Directors of Adjacent Counties

Dear EMA director mail merge:

Franklin County Emergency Management & Homeland Security is currently in the process of updating the Franklin County Natural Hazards Mitigation Plan. This plan includes participation from all 42 of our jurisdictions and identifies mitigation measures countywide. Our plan must be completed and approved by the February 2012 FEMA deadline. We invite participation from your office as well as stakeholders with an interest in mitigation within your communities as we update this plan.

The current Natural Hazards Mitigation Plan can be found on our website at: http://www.franklincountyohio.gov/emahs/documents/2007_Franklin_County_Hazards_Mitigation_Plan.pdf. Once completed, the updated version will also be found on our website. We value your input and thank you for your time.

Please contact Jamie Stout at 614-794-0213 or jlstout@franklincountyohio.gov with any questions, comments or concerns.

Sincerely,

Michael R. Pannell
Director
Franklin County Emergency Management & Homeland Security

Appendix III- Jurisdictional Meetings

INVITATION FOR MAY 25, 2011 MEETING

Franklin County Emergency Management & Homeland Security

5300 Strawberry Farms Boulevard
Columbus, Ohio 43230-1049
Office (614) 794-0213 Fax (614) 882-3209
www.franklincountyohio.gov/emahs



May 9, 2011

Mail merge Address

Re: Natural Hazards Mitigation

Mail merge name:

Franklin County Emergency Management & Homeland Security has been awarded a planning grant from the Federal Emergency Management Agency (FEMA) to update the Franklin County Natural Hazards Mitigation Plan. (Please see our website for a copy of the existing Natural Hazards Mitigation plan at: http://www.franklincountyohio.gov/emahs/planning_recovery.cfm). This countywide plan is a local jurisdiction requirement for eligibility to receive federal mitigation funding under the Disaster Mitigation Act of 2000. The original plan was completed with the participation of forty-one Franklin County jurisdictions in 2007 and is required to be updated and approved by FEMA every five years. Our current plan expires in February of 2012 and without action on your part your eligibility to receive mitigation funds will expire with the plan.

We are asking each Franklin County jurisdiction be involved in two phases of this project. In the initial phase we are asking for updates to the projects your jurisdiction identified as action items in 2007. Enclosed with this letter is a list of the overall mitigation goals for Franklin County and the jurisdiction-specific projects generated for the 2007 plan. For this version, projects need to be updated and new projects created where your jurisdiction identifies need. During the kick-off meeting for this process we will have a workshop session with our contractor to assist your jurisdiction with project development.

The second phase of this project calls for each jurisdiction to formally adopt the Natural Hazards Mitigation Plan by resolution following our receipt of FEMA approval. We will provide sample resolution language and a fact sheet to facilitate this process. Once your jurisdiction submits projects for inclusion and adopts the updated plan, Franklin County and your jurisdiction will be eligible to receive federal mitigation dollars and will have a guide to the implementation of future mitigation actions.

We request your participation in this process and hope that you can attend our kick-off meeting scheduled for May 25th from 9:00 a.m. until 11:00 a.m. The meeting will be held at our offices located at 5300 Strawberry Farms Blvd. Columbus, OH 43230. Please have your designee contact Jamie Stout at 614-794-0213 or via email at jstout@franklincountyohio.gov with any questions and to RSVP attendance at the meeting. We sincerely appreciate your cooperation with this important project.

Sincerely,

Michael R. Pannell, Director
Franklin County Emergency Management & Homeland Security

Enclosures: (2)

MEETING MINUTES FROM APRIL 25, 2011

LOCATION:	Franklin County Emergency Management and Homeland Security	MEETING DATE:	May 25, 2011 9:00 a.m.- 11:00 a.m.
BY:	Kari Mackenbach and Jamie Stout	ISSUE DATE:	June 3, 2011
ATTENDEES:	Michael Pannell- FCEM&HS Jamie Stout- FCEM&HS Tom Hirschy- Dublin Chief Richard Howard- Franklin Twp Mayor Michael Ebert- Canal Winchester Stephen Moore- Groveport Mark Nemecek- New Albany Chief Jay Noojin- Pleasant Twp Dale Worthington- Pleasant Twp Chief Bernie Ingles- Westerville Matt Greeson- Worthington Asst. Chief Robert Bates- Madison Twp Miles Hebert- EMH&T Wayne Warner- Norwich Twp Ben Collins- Plain Twp Dan Giangardella- Columbus Bob Stapleton- Truro Twp Mike Wasyluk- Grove City Tracy Hatmaker- Prairie Twp Kari Mackenbach, Bill Porteus- URS	PROJECT:	Franklin County NHMP
		JOB NO.:	URS: 14577541
		RE:	Jurisdictional Meeting

The meeting was held at the Franklin County Emergency Management and Homeland Security building. Items discussed were as follows:

AGENDA:

- **Introductions**
- **Risk Assessment for Franklin County**
- **Mitigation Overview**
 - Overview of Franklin County Natural Hazards Mitigation Plan (FCNHMP)
 - Goals of the FCNHMP
 - Current trends and funding opportunities
- **Plan Overview**
 - Overview of planning process
 - Public participation
 - Examination of 2007 mitigation action items
 - Break-out session for mitigation project development
 - Plan adoption
- **Next steps**
 - Comments on current version- email to jlstout@franklincountyohio.gov
 - Updates and proposed projects for updated version to Jamie Stout

MEETING MINUTES

Specific items of importance discussed at the meeting were as follows:

- 1) Introductions
- 2) Risk Assessment overview for Franklin County was presented by Jamie Stout
 - a) Flooding- #1 hazard in Franklin and is the #1 funded hazard as it relates to receiving FEMA grant dollars
 - b) The Mitigation Plan will examine natural hazards documented in the Risk Assessment and will serve as the basis for the Mitigation Plan.
- 3) Mitigation Overview
 - a) The Natural Hazards Mitigation Plan (Plan) facilitates the identification of natural hazards, identifies methods to reduce or eliminate the risks of those hazards, and ensures the county is eligible for federal mitigation funding.
 - b) The Plan established projects that can be funded before or after a disaster.
 - c) Project ready mitigation has the best chance at obtaining funding
- 4) Plan Overview
 - a) The first task of the planning process is data collection and updating existing language
 - i) Each jurisdiction will be responsible for updating existing projects and creating new projects.
 - b) Examination of existing action items
 - i) Jurisdiction representatives will review action items and add additional items they believe should be addressed.
 - c) Discussion of potential projects
 - i) Grove City storm water mitigation
 - ii) Franklin Twp. housing acquisition project
 - iii) Repetitive loss structures
 - iv) Tornado sirens
- 5) Next Steps
 - a) Action Items
 - i) FCEM&HS will email the PowerPoint presentations to those present.
 - ii) FCEM&HS will email a link of Mitigation Best Practices to show examples of fundable projects.
 - iii) FCEM&HS will email templates for updating existing action items and creating new action items.
 - iv) Updates to existing action items and new action items need to be sent back via email to Jamie Stout by June 24th, 2011 (jlstout@franklincountyohio.gov).
 - b) FCEM&HS will contact jurisdictions not present at this meeting to ensure countywide participation.

END OF MINUTES

Appendix IV- Public Involvement

WEBSITE POSTING

The screenshot shows a web browser window displaying the Franklin County Emergency Management and Homeland Security website. The page is titled "Planning & Recovery" and features several key sections:

- FCEM&S Emergency Operations Plan:** The plan is available online.
- Hazard Mitigation Plan Update:** The 2007 Franklin County Natural Hazards Mitigation Plan will be replaced by a newer, updated version. FCEM&S will work with a committee of subject matter experts to complete the revisions of the plan in 2011, a few months ahead of a February 2012 federal deadline. A news release and fact sheet are provided for public review.
- 2010 County Risk Assessment:** FCEM&S has issued a draft report which estimates which hazards – from tornadoes to terrorism – likely pose the greatest risk today to the county's residents and workers. The Risk Assessment for Franklin County 2010 is the first comprehensive update since 1996 of the county's official risk assessment. The report outlines 16 natural and man-made hazards that Franklin County may face. The public is invited to read the report online at [FCEM&S 2010 Risk Assessment for Franklin County](#). The appendix is online at http://www.franklincountyohio.gov/emahs/documents/risk_assessment_appendix_a_dhs_risk_lexicon.pdf. Email comments to the agency at fcm&hs@franklincountyohio.gov. Please write "Risk Assessment" in the email subject line.
- Continuity of Operations Plan Template:** All-hazards planning, mitigation, response, and recovery are the cornerstones to a great comprehensive emergency management program. The [COOP Plan Template](#) and [COOP Template Instructions](#) will help your jurisdiction or agency plan for critical tasks such as employee notification and communication, retrieval of essential records and equipment, and prompt relocation that will ultimately ensure the continuity of operations and minimal disruption of essential functions during an emergency. If you have any questions after reading these documents, contact Matt Keefe, Operations and Planning Manager, at mjkeefe@franklincountyohio.gov or (614) 794-0213.
- Disaster Assistance Resource Database:** FCEM&S maintains a database of pre-identified resources to assist first responders and community agencies in responding to and recovering from all kinds of emergencies and disasters. It provides FCEM&S the ability to contact resources via established channels for expedited deployment to the incident. If you would like more information or to become part of our resource pool, please read our [letter of explanation](#) and [Resource Assistance Agreement](#) form. If you have any questions after reading these documents, contact Matt Keefe, Operations and Planning Manager, at mjkeefe@franklincountyohio.gov or (614) 794-0213.

The website also includes a navigation menu, a sidebar with "What to know about..." links, and various social media and utility links.

NEWS RELEASE**Public Information From:**

Franklin County Emergency Management and Homeland Security
5300 Strawberry Farms Blvd.
Columbus, Ohio 43230

**FOR IMMEDIATE RELEASE**

DATE: November 10, 2010
CONTACT: Mark Anthony, Public Affairs
Work 614-794-0213, Cell 614-206-1162

PUBLIC ASKED TO HELP GUIDE REVISIONS TO HAZARD MITIGATION PLAN

(COLUMBUS, OHIO) - The 2007 Franklin County Natural Hazards Mitigation Plan will be replaced next year by a newer, updated version, and Franklin County residents are being asked to be a part of the revision process.

Franklin County Emergency Management and Homeland Security (FCEM&HS) is requesting public comment on the 4-year-old countywide plan to assist the agency in making needed changes for an updated version. FCEM&HS will work with a committee of subject matter experts to complete the revisions of the plan in 2011, a few months ahead of a February 2012 federal deadline.

"We're asking the public to help shape future mitigation actions across Franklin County to reduce our risk from flooding, tornadoes and other natural hazards," FCEM&HS Director Michael R. Pannell said. "Their input is important."

The public may review the plan and make comments online through Dec. 20, 2010, by going to the FCEM&HS Web site at www.franklincountyohio.gov/emahs.

The countywide mitigation plan was originally implemented in 2007 to minimize the area's vulnerability to dangerous natural disasters. The plan update, required every five years, is a key precondition for future FEMA funding for hazard mitigation projects by participating local jurisdictions.

FCEM&HS expects to work with all of Franklin County's 42 local government jurisdictions on the project. The agency secured a \$58,664 competitive federal grant to help complete the project.

The new plan will include several changes to improve upon efforts to reduce the impact of natural disasters and promote countywide disaster preparedness. It will include a new risk assessment identifying natural hazards the county is most likely to face, an update of previously identified mitigation projects, and improved mapping.

Franklin County Emergency Management and Homeland Security, a local government agency, coordinates county-wide emergency/disaster planning, education, warning, response, and recovery to minimize adverse impacts on area residents and property.

Appendix V- NCDC Hazard History

Flood History

88 Events were reported in Franklin County between 12/01/1993 and 04/30/2011.

Mag - Magnitude, Dth - Deaths, Inj - Injuries, PrD - Property Damage, CrD - Crop Damage

Location	Date	Time	Type	Mag	Dth	Inj	PrD	CrD
1 Countywide	12/04/1993	1758	Flash Flood	N/A	0	0	5K	0
2 Franklin	06/14/1994	1810	Flash Flood	N/A	0	0	5K	0
3 North Half	06/16/1994	1410	Flash Flood	N/A	0	0	5K	0
4 Franklin	07/02/1994	1107	Flash Flood	N/A	0	0	50K	0
5 Columbus	07/13/1994	1636	Flash Flood	N/A	0	0	50K	0
6 Columbus	07/29/1994	1730	Flash Flood	N/A	0	0	5K	0
7 Columbus Area	08/14/1994	0832	Flash Flood	N/A	0	0	50K	0
8 Countywide	01/15/1995	1115	Flash Flood	N/A	0	0	5K	0
9 Countywide	01/15/1995	1810	Flash Flood	N/A	0	0	10K	0
10 Franklin	06/03/1995	1430	Flash Flood	N/A	0	0	2K	0
11 Countywide	06/26/1995	2230	Flash Flood	N/A	0	0	175K	0
12 Countywide	06/29/1995	1930	Flash Flood	N/A	0	0	8K	0
13 North Half	07/04/1995	1740	Flash Flood	N/A	0	0	4K	0
14 Countywide	07/16/1995	1700	Flash Flood	N/A	0	0	3K	0
15 Countywide	07/26/1995	1530	Flash Flood	N/A	0	0	20K	0
16 Countywide	08/05/1995	1210	Flash Flood	N/A	0	0	4K	0
17 Eastern Half	08/05/1995	1840	Flash Flood	N/A	0	0	3K	0
18 South Half	08/06/1995	0005	Flash Flood	N/A	0	0	3K	0
19 Countywide	08/18/1995	1015	Flash Flood	N/A	0	0	4K	0
20 OHZ024-034>035-046-055-061-064-070-073-077>082-088	01/17/1996	2400	Flood	N/A	0	0	187K	0
21 Countywide	05/08/1996	0935	Flash Flood	N/A	0	0	4K	0
22 Grove City	05/29/1996	0245	Flash Flood	N/A	0	0	5K	0
23 Columbus	07/18/1996	0410	Flash Flood	N/A	0	0	0	0
24 Columbus	07/30/1996	1400	Flash Flood	N/A	0	0	3K	0
25 OHZ016-053-055-064-071-073-077>078-081>82	06/01/1997	0100	Flood	N/A	0	0	1.0M	0
26 Countywide	06/01/1997	1900	Flood	N/A	0	0	20K	0
27 Countywide	06/02/1997	1800	Flood	N/A	0	0	10K	0
28 Countywide	06/02/1997	2050	Flood	N/A	0	0	10K	0
29 Countywide	06/16/1997	1830	Flood	N/A	0	0	5K	0
30 Countywide	04/16/1998	0700	Flood	N/A	0	0	0	0
31 OHZ054>055-064-	06/29/1998	0330	Flood	N/A	0	0	0	0
32 West Portion	06/29/1998	0015	Flash Flood	N/A	0	0	1.0M	0
33 OHZ054>055-064	01/24/1999	0013	Flood	N/A	0	0	0	0
34 Countywide	01/03/2000	2210	Flood	N/A	0	0	10K	0
35 OHZ054>055-064	04/09/2000	0130	Flood	N/A	0	0	0	0
36 Columbus	05/28/2000	1545	Flood	N/A	0	0	5K	0
37 Obetz	04/09/2000	0130	Flood	N/A	0	0	0	0
38 Columbus	08/18/2000	1100	Flood	N/A	0	0	5K	0
39 Countywide	09/23/2000	1720	Flood	N/A	0	0	20K	0
40 Grove City	05/16/2001	2025	Flood	N/A	0	0	0	0

Location	Date	Time	Type	Mag	Dth	Inj	PrD	CrD
41 Hilliard	05/17/2001	1350	Flood	N/A	0	0	5K	0
42 Reynoldsburg	05/18/2001	1548	Flood	N/A	0	0	5K	0
43 Columbus	05/21/2001	1700	Flood	N/A	0	0	3K	0
44 Grove City	07/25/2001	1200	Flood	N/A	0	0	0	0
45 OHZ055>056-077>078	05/28/2002	0630	Flood	N/A	0	0	0	0
46 OHZ052>053-055>056-062-072-077	06/05/2002	1455	Flood	N/A	0	0	0	0
47 Columbus	07/23/2002	1444	Flash Flood	N/A	0	0	22K	0
48 OHZ054>056-061-071	07/23/2002	1030	Flood	N/A	0	0	12K	0
49 OHZ051>053-055-060>062-070>072-077>078	11/10/2002	1800	Flood	N/A	0	0	0	0
50 OHZ026-034-034>035-045>046-051--54>056	05/09/2003	0609	Flood	N/A	0	0	0	0
51 OHZ046-055>056	05/15/2003	1808	Flood	N/A	0	0	0	0
52 New Albany	05/15/2003	1845	Flash Flood	N/A	0	0	50K	0
53 OHZ035-045-055	06/13/2003	1605	Flood	N/A	0	0	0	0
54 Whitehall	06/13/2003	2145	Flash Flood	N/A	0	0	0	0
55 OHZ034-042>044-054>055-065-079-081	08/04/2003	0905	Flood	N/A	0	0	0	0
56 OHZ053-055	08/07/2003	1440	Flood	N/A	0	0	0	0
57 OHZ046-055	08/12/2003	1915	Flood	N/A	0	0	0	0
58 Dublin	08/12/2003	2015	Flash Flood	N/A	0	0	20K	0
59 OHZ055--55->-56-071-077	08/15/2003	1445	Flood	N/A	0	0	0	0
60 Bexley	08/15/2003	1930	Flash Flood	N/A	0	0	80K	0
61 OHZ055-	08/27/2003	0645	Flood	N/A	0	0	0	0
62 OHZ055	08/30/2003	0345	Flood	N/A	0	0	0	0
63 OHZ034>035-042-046-051-055-062-077	9/01/2003	0149	Flood	N/A	0	0	37K	0
64 OHZ046-055	09/27/2003	0200	Flood	0	0	0	0	0
65 21 Zones	01/04/2004	1250	Flood	0	0	0	0	0
66 OHZ026-035-043>046-055-064	05/21/2004	1500	Flood	0	0	0	0	890K
67 Columbus	05/21/2004	1853	Flood	N/A	0	0	0	0
68 OHZ053>056-060>065	06/11/2004	1005	Flood	N/A	0	0	0	0
69 OHZ042>046-051-055>056-081	06/15/2004	1310	Flood	N/A	0	0	0	0
70 OHZ055-064	07/11/2004	1606	Flood	N/A	0	0	0	0
71 OHZ055	07/22/2004	0051	Flood	N/A	0	0	0	0
72 OHZ055-078>079	07/31/2004	0530	Flood	N/A	0	0	0	0
73 OHZ026 - 034>035 - 042>046 - 051>056 - 060>065 - 070 - 070>071 - 071>072 - 072>074 - 074 - 077 - 077>078	01/05/2005	0715	Flood	N/A	0	0	585K	0
74 OHZ034>035 - 042>046 - 051>056 - 060>065 - 070>074	01/11/2005	1800	Flood	N/A	0	0	295K	0
75 OHZ046 - 055>056	01/13/2005	2040	Flood	N/A	0	0	0	0

Location	Date	Time	Type	Mag	Dth	Inj	PrD	CrD
76 OHZ054>055 - 065	06/08/2005	1520	Flood	N/A	0	0	0	0
77 OHZ026 - 044 - 055 - 065	06/10/2005	1509	Flood	N/A	0	0	0	0
78 OHZ042 - 051 - 051 - 053 - 055 - 060 - 062 - 070>072 - 077	06/30/2005	1230	Flood	N/A	0	0	0	0
79 OHZ055>056 - 061 - 077	08/30/2005	1530	Flood	N/A	0	0	0	0
80 Grove City	06/01/2006	1700	Flood	N/A	0	0	10K	0
81 Columbus	10/04/2006	1752	Flood	N/A	0	0	2K	0
82 Columbus	03/14/2007	0645	Flood	N/A	0	0	5K	0
83 Grandview Hgts	06/12/2008	1800	Flood	N/A	0	0	10K	0
84 Shadeville	06/26/2008	0100	Flood	N/A	0	0	5K	0
85 Grove City	08/28/2009	1353	Flood	N/A	0	0	20K	0
86 Columbus	07/12/2010	2100	Flood	N/A	0	0	2K	0
87 Columbus	07/13/2010	1444	Flood	N/A	0	0	1K	0
88 (osu)oh St Univ Arpt	04/04/2011	1431	Flood	N/A	0	0	2K	0
Totals					0	0	3.86M	890K

Tornado History

22 Tornado events were reported in Franklin County between 01/01/1950 and 04/30/2011.

Location	Date	Time	Type	Mag	Dth	Inj	PrD	CrD
1 Franklin	06/26/1954	1115	Tornado	F0	0	0	25K	0
2 Franklin	10/11/1954	1730	Tornado	F1	0	0	3K	0
3 Franklin	04/28/1958	0545	Tornado	F1	0	0	25K	0
4 Franklin	07/05/1959	1520	Tornado	F1	0	0	3K	0
5 Franklin	07/28/1961	2230	Tornado	F0	0	0	25K	0
6 Franklin	09/12/1963	1245	Tornado	F0	0	0	3K	0
7 Franklin	04/02/1970	0706	Tornado	F2	0	0	250K	0
8 Franklin	02/22/1971	1555	Tornado	F3	0	7	2.5M	0
9 Franklin	05/08/1973	1310	Tornado	F2	0	0	250K	0
10 Franklin	05/10/1973	1800	Tornado	F3	0	3	3K	0
11 Franklin	5/25/1973	1730	Tornado	F2	0	0	250K	0
12 Franklin	05/30/1973	1255	Tornado	F2	0	1	2.5M	0
13 Franklin	07/26/1973	1500	Tornado	F1	0	0	0	0
14 Franklin	04/03/1974	1605	Tornado	F2	0	0	250K	0
15 Franklin	06/17/1975	1545	Tornado	F1	0	0	25K	0
16 Franklin	09/11/1975	1840	Tornado	F1	0	0	25K	0
17 Franklin	06/13/1981	1330	Tornado	F0	0	0	3K	0
18 Franklin	08/07/1984	1300	Tornado	F1	0	0	250K	0
19 Franklin	06/10/1986	1750	Tornado	F1	0	0	250K	0
20 Franklin	06/02/1991	1600	Tornado	F0	0	0	25K	0
21 Franklin	08/27/1992	1550	Tornado	F0	0	0	25K	0
22 Dublin	07/02/1997	1730	Tornado	F0	0	0	30K	0
23 Grove City	08/28/2006	1810	Tornado	F0	0	0	1K	0
24 Bexley	08/28/2006	1828	Tornado	F0	0	0	1K	0
25 New Albany	10/11/2006	1749	Tornado	F2	0	0	50.0M	0
26 Mudsock	05/11/2008	1212	Tornado	F0	0	0	5K	0
27 Taylor	09/22/2010	1558	Tornado	F0	0	0	0K	0
28 Groveport	10/26/2010	1305	Tornado	F0	0	0	40K	0
29 (lck)rckenbckr Arpt	04/20/2011	0122	Tornado	F1	0	0	35k	0
30 Groveport	04/20/2011	0126	Tornado	F0	0	0	30K	0
Totals					0	11	56.830M	0

Thunderstorm and High Wind History

281 Thunderstorm and High Wind events were reported in Franklin County between 01/01/1955 and 04/30/2011.

Location	Date	Time	Type	Mag	Dth	Inj	PrD	CrD
1 Franklin	03/11/1955	0359	Tstm Wind	61 kts	0	0	0	0
2 Franklin	07/03/1995	1300	Tstm Wind	0 kts	0	0	0	0
3 Franklin	04/05/1957	1338	Tstm Wind	70 kts	0	0	0	0
4 Franklin	04/05/1957	1400	Tstm Wind	70 kts	0	0	0	0
5 Franklin	06/13/1958	1600	Tstm Wind	0 kts	0	0	0	0
6 Franklin	06/13/1958	1600	Tstm Wind	0 kts	0	0	0	0
7 Franklin	07/26/1960	1405	Tstm Wind	62 kts	0	0	0	0
8 Franklin	06/10/1963	2100	Tstm Wind	50 kts	0	0	0	0
9 Franklin	07/-1/1963	1645	Tstm Wind	0 kts	0	0	0	0
10 Franklin	04/18/1964	1348	Tstm Wind	54 kts	0	0	0	0
11 Franklin	05/24/1964	1700	Tstm Wind	58 kts	0	0	0	0
12 Franklin	06/15/1964	1330	Tstm Wind	61 kts	0	0	0	0
13 Franklin	07/15/1964	1717	Tstm Wind	53 kts	0	0	0	0
14 Franklin	08/11/1964	1730	Tstm Wind	0 kts	0	0	0	0
15 Franklin	08/11/1964	1730	Tstm Wind	0 kts	0	0	0	0
16 Franklin	08/11/1964	1730	Tstm Wind	55 kts	0	0	0	0
17 Franklin	08/11/1964	1735	Tstm Wind	57 kts	0	0	0	0
18 Franklin	01/26/1965	1212	Tstm Wind	60 kts	0	0	0	0
19 Franklin	01/26/1965	1229	Tstm Wind	55 kts	0	0	0	0
20 Franklin	04/11/1965	2312	Tstm Wind	57 kts	0	0	0	0
21 Franklin	05/16/1965	1519	Tstm Wind	60 kts	0	0	0	0
22 Franklin	08/18/1965	1525	Tstm Wind	53 kts	0	0	0	0
23 Franklin	11/27/1965	0000	Tstm Wind	51 kts	0	0	0	0
24 Franklin	06/28/1966	1430	Tstm Wind	51 kts	0	0	0	0
25 Franklin	07/14/1966	1700	Tstm Wind	0 kts	0	0	0	0
26 Franklin	08/10/1966	1840	Tstm Wind	0 kts	0	0	0	0
27 Franklin	08/10/1966	1840	Tstm Wind	62 kts	0	0	0	0
28 Franklin	11/10/1966	1245	Tstm Wind	0 kts	0	0	0	0
29 Franklin	07/22/1968	1400	Tstm Wind	0 kts	0	0	0	0
30 Franklin	04/02/1970	0607	Tstm Wind	69 kts	0	0	0	0
31 Franklin	06/21/1970	1045	Tstm Wind	0 kts	0	0	0	0
32 Franklin	07/08/1970	1300	Tstm Wind	50 kts	0	0	0	0
33 Franklin	06/13/1971	1402	Tstm Wind	59 kts	0	0	0	0
34 Franklin	06/25/1971	1830	Tstm Wind	70 kts	0	0	0	0
35 Franklin	06/03/1973	22341	Tstm Wind	57 kts	0	0	0	0
36 Franklin	06/26/1973	1800	Tstm Wind	55 kts	0	0	0	0
37 Franklin	08/30/1973	1648	Tstm Wind	57 kts	0	0	0	0
38 Franklin	04/03/1974	1600	Tstm Wind	60 kts	0	0	0	0
39 Franklin	04/14/1974	1146	Tstm Wind	0 kts	0	0	0	0
40 Franklin	04/14/1974	1201	Tstm Wind	55 kts	0	0	0	0
41 Franklin	04/14/1974	1213	Tstm Wind	50 kts	0	0	0	0
42 Franklin	07/19/1975	1500	Tstm Wind	50 kts	0	0	0	0
43 Franklin	08/03/1975	1600	Tstm Wind	0 kts	0	0	0	0
44 Franklin	09/05/1975	1730	Tstm Wind	60 kts	0	0	0	0
45 Franklin	01/13/1976	1624	Tstm Wind	59 kts	0	0	0	0
46 Franklin	04/21/1976	1420	Tstm Wind	50 kts	0	0	0	0
47 Franklin	07/11/1976	1700	Tstm Wind	0 kts	0	0	0	0
48 Franklin	07/15/1976	1713	Tstm Wind	58 kts	0	0	0	0
49 Franklin	09/02/1977	1345	Tstm Wind	0 kts	0	0	0	0

Location	Date	Time	Type	Mag	Dth	Inj	PrD	CrD
50 Franklin	04/18/1978	1800	Tstm Wind	0 kts	0	0	0	0
51 Franklin	06/18/1978	1655	Tstm Wind	50 kts	0	0	0	0
52 Franklin	06/18/1978	1655	Tstm Wind	50 kts	0	0	0	0
53 Franklin	07/23/1978	1510	Tstm Wind	0 kts	0	0	0	0
54 Franklin	08/19/1978	1600	Tstm Wind	0 kts	0	0	0	0
55 Franklin	07/21/1979	1926	Tstm Wind	54 kts	0	0	0	0
56 Franklin	08/01/1979	1610	Tstm Wind	53 kts	0	0	0	0
57 Franklin	08/10/1979	1221	Tstm Wind	52 kts	0	0	0	0
58 Franklin	05/11/1980	1840	Tstm Wind	52 kts	0	0	0	0
59 Franklin	05/12/1980	1130	Tstm Wind	60 kts	0	0	0	0
60 Franklin	07/05/1980	0745	Tstm Wind	58 kts	0	0	0	0
61 Franklin	07/09/1980	1215	Tstm Wind	50 kts	0	0	0	0
62 Franklin	08/09/1980	1305	Tstm Wind	60 kts	0	0	0	0
63 Franklin	08/11/1980	1415	Tstm Wind	52 kts	0	0	0	0
64 Franklin	09/04/1980	1417	Tstm Wind	54 kts	0	0	0	0
65 Franklin	04/04/1981	1020	Tstm Wind	0 kts	0	0	0	0
66 Franklin	06/13/1981	1515	Tstm Wind	54 kts	0	0	0	0
67 Franklin	03/16/1982	1645	Tstm Wind	53 kts	0	0	0	0
68 Franklin	04/03/1982	0410	Tstm Wind	0 kts	0	0	0	0
69 Franklin	05/22/1982	1815	Tstm Wind	0 kts	0	0	0	0
70 Franklin	05/22/1982	2050	Tstm Wind	0 kts	0	0	0	0
71 Franklin	05/29/1982	0915	Tstm Wind	58 kts	0	0	0	0
72 Franklin	05/29/1982	0936	Tstm Wind	66 kts	0	0	0	0
73 Franklin	05/29/1982	0957	Tstm Wind	0 kts	0	0	0	0
74 Franklin	06/15/1982	1950	Tstm Wind	56 kts	0	0	0	0
75 Franklin	06/15/1982	2000	Tstm Wind	0 kts	0	0	0	0
76 Franklin	06/15/1982	2010	Tstm Wind	0 kts	0	0	0	0
77 Franklin	03/27/1983	1445	Tstm Wind	50 kts	0	0	0	0
78 Franklin	07/01/1983	1420	Tstm Wind	0 kts	0	0	0	0
79 Franklin	08/21/1981	1950	Tstm Wind	0 kts	0	0	0	0
80 Franklin	06/18/1984	1554	Tstm Wind	0 kts	1	4	0	0
81 Franklin	08/04/1984	1238	Tstm Wind	58 kts	0	0	0	0
82 Franklin	08/04/1984	1315	Tstm Wind	0 kts	0	0	0	0
83 Franklin	05/27/1985	1915	Tstm Wind	0 kts	0	0	0	0
84 Franklin	07/14/1984	1830	Tstm Wind	0 kts	1	0	0	0
85 Franklin	03/10/1986	1702	Tstm Wind	0 kts	0	0	0	0
86 Franklin	04/20/1986	1835	Tstm Wind	65 kts	0	0	0	0
87 Franklin	05/06/1986	2000	Tstm Wind	69 kts	0	0	0	0
88 Franklin	07/09/1986	0400	Tstm Wind	0 kts	0	0	0	0
89 Franklin	07/11/1986	2014	Tstm Wind	0 kts	0	0	0	0
90 Franklin	09/26/1986	1845	Tstm Wind	52 kts	0	0	0	0
91 Franklin	10/01/1986	0900	Tstm Wind	0 kts	0	0	0	0
92 Franklin	05/22/1987	1445	Tstm Wind	0 kts	0	0	0	0
93 Franklin	08/02/1987	2045	Tstm Wind	0 kts	0	0	0	0
94 Franklin	08/02/1987	2245	Tstm Wind	0 kts	0	0	0	0
95 Franklin	04/23/1988	1323	Tstm Wind	50 kts	0	0	0	0
96 Franklin	08/15/1988	1025	Tstm Wind	0 kts	0	0	0	0
97 Franklin	06/03/1989	2000	Tstm Wind	0 kts	0	0	0	0
98 Franklin	06/27/1989	1500	Tstm Wind	0 kts	0	0	0	0
99 Franklin	06/27/1989	1500	Tstm Wind	0 kts	0	0	0	0
100 Franklin	07/07/1989	1720	Tstm Wind	0 kts	0	0	0	0
101 Franklin	08/05/1989	1615	Tstm Wind	0 kts	0	0	0	0
102 Franklin	08/29/1989	1930	Tstm Wind	0 kts	0	0	0	0
103 Franklin	06/30/1990	2055	Tstm Wind	0 kts	0	0	0	0

Location	Date	Time	Type	Mag	Dth	Inj	PrD	CrD
104 Franklin	07/09/1990	1400	Tstm Wind	0 kts	0	0	0	0
105 Franklin	07/09/1990	1440	Tstm Wind	0 kts	0	0	0	0
106 Franklin	08/28/1990	1952	Tstm Wind	0 kts	0	0	0	0
107 Franklin	09/14/1990	1530	Tstm Wind	0 kts	0	1	0	0
108 Franklin	04/09/1991	1520	Tstm Wind	56 kts	0	0	0	0
109 Franklin	06/02/1991	1535	Tstm Wind	56 kts	0	0	0	0
110 Franklin	06/02/1991	1625	Tstm Wind	0 kts	0	0	0	0
111 Franklin	06/15/1991	2148	Tstm Wind	52 kts	0	0	0	0
112 Franklin	08/08/1991	1615	Tstm Wind	0 kts	0	0	0	0
113 Franklin	04/16/1992	1755	Tstm Wind	0 kts	0	0	0	0
114 Franklin	07/10/1992	1210	Tstm Wind	0 kts	0	0	0	0
115 Franklin	07/13/1992	0000	Tstm Wind	0 kts	0	0	0	0
116 Franklin	07/14/1992	2000	Tstm Wind	0 kts	0	0	0	0
117 Franklin	07/16/1992	1520	Tstm Wind	0 kts	0	0	0	0
118 Franklin	07/16/1992	1701	Tstm Wind	0 kts	0	0	0	0
119 Franklin	07/20/1992	1400	Tstm Wind	0 kts	0	0	0	0
120 CMH	05/24/1993	2310	Tstm Wind	0 kts	0	0	5K	0
121 Franklin	05/28/1993	2250	Tstm Wind	0 kts	0	0	5K	0
122 Franklin	05/28/1993	2340	Tstm Wind	0 kts	0	0	5K	0
123 Columbus	09/02/1993	1704	Tstm Wind	N/A	0	0	0	0
124 Southwest	10/20/1993	1745	Tstm Wind	N/A	0	0	5.0M	0
125 South	03/18/1994	1155	Tstm Wind	0 kts	0	2	500K	0
126 Dublin	06/14/1994	1920	Tstm Wind	N/A	0	0	5K	0
127 South	06/20/1994	1630	Tstm Wind	N/A	0	0	50K	0
128 Columbus	06/20/1994	1725	Tstm Wind	N/A	0	0	5K	0
129 County	06/21/1994	1607	Tstm Wind	N/A	0	0	50K	0
130 W & S	06/21/1994	1715	Tstm Wind	N/A	0	0	5K	0
131 Columbus	07/02/1994	1155	Tstm Wind	N/A	0	0	5K	0
132 Columbus	07/25/1994	1142	Tstm Wind	N/A	0	0	0	0
133 Reynoldsburg	08/04/1994	1340	Tstm Wind	N/A	0	0	5K	0
134 Columbus	08/04/1994	1529	Tstm Wind	N/A	0	4	5K	0
135 Dublin	08/28/1994	1630	Tstm Wind	N/A	0	0	5K	0
136 Gahanna	09/25/1994	1425	Tstm Wind	N/A	0	0	5K	0
137 Franklin	04/11/1995	1515	High Winds	0 kts	0	4	80K	0
138 OHZ026-051-055-061	04/11/1995	1525	Tstm Wind	0 kts	0	0	150K	0
139 Columbus	04/21/1995	0730	Tstm Wind	N/A	0	0	50K	0
140 Columbus	05/10/1995	1430	Tstm Wind	0 kts	0	0	10K	0
141 Westerville	05/24/1995	1700	Tstm Wind	N/A	0	0	3K	0
142 South Half	06/20/1995	2315	Tstm Wind Hail	N/A	0	0	4K	0
143 Upper Arlington	06/21/1995	1645	Tstm Wind Hail	N/A	0	0	4K	0
144 Countywide	06/26/1995	2325	Tstm Wind Hail	N/A	0	0	5K	0
145 East Half	06/29/1995	1245	Tstm Wind	N/A	0	2	145K	0
146 North Half	07/04/1995	1746	Tstm Wind Hail	N/A	0	0	5K	0
147 Northwest	07/13/1995	2105	Tstm Wind	N/A	0	0	3K	0
148 North Half	07/13/1995	2130	Tstm Wind	N/A	0	0	6K	0
149 Columbus	07/16/1995	1640	Tstm Wind	N/A	0	0	7K	0
150 CMH	04/29/1996	1708	Tstm Wind	50 kts	0	0	0	0
151 Countywide	05/08/1996	1955	Tstm Wind	50 kts	0	0	10K	0
152 Grove City	06/14/1996	1505	Tstm Wind	50 kts	0	0	5K	0
153 Worthington	06/18/1996	1800	Tstm Wind	50 kts	0	0	10K	0

Location	Date	Time	Type	Mag	Dth	Inj	PrD	CrD
154 Worthington	07/17/1996	2130	Tstm Wind	50 kts.	0	0	5K	0
155 Columbus	07/30/1996	1140	Tstm Wind	50 kts.	0	0	3K	0
156 Pickerington	7/30/1996	1150	Tstm Wind	50 kts	0	0	3K	0
157 Grove City	11/07/1996	0600	Tstm Wind	60 kts	0	0	10K	0
158 Dublin	01/05/1997	0130	Tstm Wind	85 kts	0	1	1.0M	0
159 Canal Winchester	05/14/1997	1820	Tstm Wind	50 kts	0	0	5K	0
160 Columbus	05/18/1997	1720	Tstm Wind	60 kts	0	0	10K	0
161 Columbus	07/14/1997	2210	Tstm Wind	50 kts	0	0	5K	0
162 Dublin	07/18/1997	1620	Tstm Wind	60 kts	0	0	30K	0
163 Reynoldsburg	07/26/1997	2355	Tstm Wind	50 kts	0	0	5K	0
164 Grove City	08/04/1997	0350	Tstm Wind	50 kts	0	0	3K	0
165 Obetz	08/21/1997	1822	Tstm Wind	50 kts	0	15	50K	0
166 Worthington	05/29/1998	1620	Tstm Wind	59 kts	0	0	10K	0
167 Columbus	06/12/1998	2199	Tstm Wind	50 kts	0	0	5K	0
168 Pleasant Corners	06/16/1998	1225	Tstm Wind	50 kts	0	0	3K	0
169 Westerville	06/26/1998	2020	Tstm Wind	50 kts	0	0	5K	0
170 Pleasant Corners	06/29/1998	0100	Tstm Wind	50 kts	0	0	3K	0
171 Pleasant Corners	06/29/1998	0210	Tstm Wind	50 kts	0	0	3K	0
172 Countywide	07/19/1998	2030	Tstm Wind	60 kts	0	0	20K	0
173 Dublin	08/25/1998	1535	Tstm Wind	50 kts	0	0	5K	0
174 Columbus	09/27/1998	2010	Tstm Wind	50 kts	0	0	5K	0
175 Columbus	11/10/1998	1600	Tstm Wind	50 kts	0	0	3K	0
176 Countywide	05/06/1999	1420	Tstm Wind	56 kts	0	0	14K	0
177 Gahanna	07/09/1999	1915	Tstm Wind	50 kts	0	0	5K	0
178 CMH	09/29/1999	1112	Tstm Wind	52 kts	0	0	10K	0
179 Reynoldsburg	09/29/1999	1125	Tstm Wind	52 kts	0	0	0	0
180 Columbus	10/13/1999	1539	Tstm Wind	50 kts	0	0	5K	0
181 Countywide	04/20/2000	1845	Tstm Wind	50 kts	0	0	10K	0
182 Dublin	05/23/2000	1600	Tstm Wind	50 kts	0	0	5K	0
183 Gahanna	05/23/2000	1640	Tstm Wind	50 kts.	0	0	5K	0
184 Gahanna	06/12/2000	1950	Tstm Wind	50 kts	0	0	2L	0
185 Gahanna	06/12/2000	1915	Tstm Wind	50 kts	0	0	2K	0
186 Countywide	06/14/2000	1755	Tstm Wind	51 kts	0	0	3K	0
187 Pleasant Corners	06/16/2000	1730	Tstm Wind	50 kts	0	0	1K	0
188 Pleasant Corners	06/16/2000	1730	Tstm Wind	50 kts	0	0	1K	0
189 Dublin	07/14/2000	1420	Tstm Wind	50 kts	0	0	5K	0
190 Countywide	07/14/2000	1845	Tstm Wind	50 kts	0	0	10K	0
191 Hilliard	08/09/2000	1010	Tstm Wind	52 kts	0	5	50K	0
192 Countywide	09/20/2000	1910	Tstm Wind	50 kts	0	0	10K	0
193 Countywide	11/09/2000	1905	Tstm Wind	60 kts	0	0	100K	0
194 OHZ026-034>035-041>046-051>056-060>065-070>074-077>082-088	12/11/2000	2100	Tstm Wind	58 kts	1	0	100k	0
195 Shadeville	04/08/2001	1600	Tstm Wind	50 kts	0	0	3K	0
196 Countywide	05/17/2001	1350	Tstm Wind	50 kts	0	0	10K	0
197 Canal Winchester	10/24/2001	2058	Tstm Wind	50 kts	0	0	0	0

Location	Date	Time	Type	Mag	Dth	Inj	PrD	CrD
198 OHZ046-055>056-065-073	12/14/2001	1400	Tstm Wind	57 kts	0	1	147K	0
199 Upper Arlington	02/20/2002	1436	Tstm Wind	54 kts	0	0	0	0
200 Countywide	03/09/2002	1436	Tstm Wind	50 kts	0	0	4K	0
201 OHZ026-034>035-042>046-051>056-060>065-070>074-077>082-088	03/09/2002	1243	HighWind	73 kts	1	12	971K	0
202 Groveport	05/02/2002	0305	Tstm Wind	50 kts	0	0	4K	0
203 Grove City	05/02/2002	0317	Tstm Wind	56 kts	0	0	0	0
204 Grove City	05/12/2002	1058	Tstm Wind	58 kts	0	0	0	0
205 Columbus	05/30/2002	1530	Tstm Wind	50 kts	0	0	0	0
206 Hilliard	05/31/2002	1715	Tstm Wind	50 kts	0	0	25K	0
207 Columbus	05/31/2002	1808	Tstm Wind	50 kts	0	0	10K	0
208 Columbus	06/26/2002	1630	Tstm Wind	50 kts	0	0	10K	0
209 Whitehall	06/27/2002	1505	Tstm Wind	50 kts	0	0	5K	0
210 Reynoldsburg	06/27/2002	1530	Tstm Wind	50 kts	0	0	10K	0
211 New Albany	06/27/2002	1245	Tstm Wind	50 kts	0	0	5K	0
212 Bexley	09/18/2002	2015	Tstm Wind	50 kts	0	0	3K	0
213 OHZ026-035-042-044-046-051>056-060>064-071-073>074-079	05/11/2003	0541	Tstm Wind	50 kts	0	0	0	0
214 Hilliard	07/04/2003	1520	Tstm Wind	50 kts	0	0	5K	0
215 Westerville	07/05/2003	2230	Tstm Wind	50 kts	0	0	3K	0
216 OSU	07/07/2003	1440	Tstm Wind	58 kts	0	0	0	0
217 Dublin	07/07/2003	1445	Tstm Wind	55 kts	0	0	100K	0
218 Hilliard	07/08/2003	0334	Tstm Wind	60 kts	0	0	200K	0
219 Canal Winchester	07/08/2003	0400	Tstm Wind	60 kts	0	0	0	0
220 Grove City	07/08/2003	1707	Tstm Wind	52 kts	0	0	0	0
221 Groveport	07/22/2003	1345	Tstm Wind	50 kts	0	0	2K	0
222 Hilliard	05/18/2004	1725	Tstm Wind	64 kts	0	0	3K	0
223 Grandview Hgts	06/30/2005	1230	Tstm Wind	50 kts	0	0	5K	0
224 Grove City	07/25/2005	1415	Tstm Wind	50 kts	0	0	3K	0
225 Port Columbus	05/25/2006	1932	Tstm Wind	52 kts	0	0	0K	0
226 Columbus	05/25/2006	1942	Tstm Wind	50 kts	0	0	4K	0
227 Gahanna	06/22/2006	1355	Tstm Wind	50 kts	0	0	3K	0
228 Westerville	06/22/2006	1534	Tstm Wind	52 kts	0	0	3K	0
229 Gahanna	06/28/2006	1955	Tstm Wind	50 kts	0	0	5K	0
230 New Albany	07/03/2006	1655	Tstm Wind	50 kts	0	0	4K	0
231 Westerville	08/03/2006	1509	Tstm Wind	61 kts	0	0	0	0
232 Columbus	10/11/2006	1738	Tstm Wind	50 kts	0	0	2K	0
233 Grove City	04/11/2007	2015	Tstm Wind	55 kts	0	0	75K	0
234 (osu)oh St Univ Arpt	04/11/2007	2031	Tstm Wind	50 kts	0	0	1K	0
235 Whitehall	05/15/2007	2317	Tstm Wind	56 kts	0	0	2K	0
236 Columbus	05/15/2007	2322	Tstm Wind	50 kts	0	0	8K	0
237 Grove City	07/27/2007	1530	Tstm Wind	55 kts	0	0	10K	0
238 Columbus	07/27/2007	1550	Tstm Wind	50 kts	0	0	2K	0
239 Columbus	08/16/2007	0244	Tstm Wind	50 kts	0	0	2K	0
240 Columbus	08/22/2007	1827	Tstm Wind	50 kts	0	0	2K	0
241 Dublin	08/25/2007	1558	Tstm Wind	50 kts	0	0	3K	0

Location	Date	Time	Type	Mag	Dth	Inj	PrD	CrD
242 (cmh)port Columbus A	08/25/2007	1625	Tstm Wind	50 kts	0	0	1K	0
243 Canal Winchester	01/09/2008	0045	Tstm Wind	50 kts	0	0	5K	0
244 Columbus Rickenbacker	05/02/2008	1548	Tstm Wind	52 kts	0	0	1K	0
245 South Columbus	06/12/2008	1723	Tstm Wind	61 kts	0	0	3K	0
246 South Columbus	06/12/2008	1740	Tstm Wind	55 kts	0	0	5K	0
247 San Margherita	06/25/2008	2330	Tstm Wind	50 kts	0	0	5K	0
248 Valley Crossing	06/26/2008	1945	Tstm Wind	50 kts	0	0	3K	0
249 Columbus	08/05/2008	0145	Tstm Wind	50 kts	0	0	3K	0
250 (lck)rckenbckr Arpt	02/11/2009	1728	Tstm Wind	57 kts	0	0	1K	0
251 (cmh)port Columbus A	02/11/2009	1733	Tstm Wind	57 kts	0	0	1K	0
252 (cmh)port Columbus A	07/17/2009	1408	Tstm Wind	51 kts	0	0	0	0
253 Columbus	06/02/2010	1842	Tstm Wind	52 kts	0	0	1K	0
254 Columbus	06/02/2010	1851	Tstm Wind	55 kts	0	0	10K	0
255 (cmh)port Columbus A	06/02/2010	1857	HighWind	52 kts	0	0	0	0
256 Westerville	06/02/2010	1905	Tstm Wind	61 kts	0	0	0	0
257 East Columbus	07/18/2010	1401	Tstm Wind	55 kts	0	0	3K	0
258 Westerville	08/04/2010	1303	Tstm Wind	50 kts	0	0	1K	0
259 (cmh)port Columbus A	08/04/2010	1309	Tstm Wind	51 kts	0	0	0	0
260 Columbus	08/04/2010	1318	Tstm Wind	50 kts	0	0	1K	0
261 Westerville	08/04/2010	1322	Tstm Wind	50 kts	0	0	1K	0
262 Grove City	08/04/2010	2203	Tstm Wind	50 kts	0	0	1K	0
263 Columbus	08/04/2010	2213	Tstm Wind	52 kts	0	0	0	0
264 Grove City	09/07/2010	1735	Tstm Wind	59 kts	0	0	1K	0
265 Oberz	09/07/2010	1735	Tstm Wind	52 kts	0	0	0K	0
266 Hilliard	09/22/2010	1534	Tstm Wind	50 kts	0	0	1K	0
267 Columbus	09/22/2010	1545	Tstm Wind	50 kts	0	0	1K	0
268 (osu)oh St Univ Arpt	09/22/2010	1546	Tstm Wind	50 kts	0	0	0K	0
269 Westerville	09/22/2010	1549	Tstm Wind	50 kts	0	0	1K	0
270 (lck)rckenbckr Arpt	10/26/2010	1313	Tstm Wind	55 kts	0	0	0K	0
271 (lck)rckenbckr Arpt	02/28/2011	0555	Tstm Wind	53 kts	0	0	0K	0
272 (lck)rckenbckr Arpt	04/04/2011	1425	Tstm Wind	57 kts	0	0	0K	0
273 Reynoldberg	04/04/2011	1435	Tstm Wind	50 kts	0	0	1K	0
274 Pickerington	04/20/2011	0130	Tstm Wind	55 kts	0	0	10K	0
275 Canal Winchester	04/20/2011	0132	Tstm Wind	52 kts	0	0	0	0
276 Gahanna	04/20/2011	0133	Tstm Wind	56 kts	0	0	0	0
277 (lck)rckenbckr Arpt	04/20/2011	0135	Tstm Wind	55 kts	0	0	2K	0
278 Groveport	04/20/2011	0135	Tstm Wind	60 kts	0	0	60K	0
279 South Columbus	04/27/2011	1014	Tstm Wind	50 kts	0	0	2K	0

Location	Date	Time	Type	Mag	Dth	Inj	PrD	CrD
280 Hilliard	04/28/2011	0221	Tstm Wind	52 kts	0	0	0	0
281 Gahanna	04/28/2011	0231	Tstm Wind	56 kts	0	0	1K	0
Totals					2	37	7.482M	0

Lightning History

10 Lightning Events were reported in Franklin County between 01/01/1950 and 04/30/2011.

Location	Date	Time	Type	Mag	Dth	Inj	PrP	CrP
1 Columbus	07/02/1994	1155	Lightning	N/A	0	4	5K	0
2 Columbus	07/07/1994	2125	Lightning	N/A	0	1	0	0
3 W Columbus	08/02/1994	1825	Lightning	N/A	0	3	0	0
4 Columbus	06/29/1995	1900	Lightning	N/A	0	1	0	0
5 Reynoldsburg	08/09/1995	1430	Lightning	N/A	1	0	0	0
6 Westerville	10/13/1999	1531	Lightning	N/A	0	0	20K	0
7 Reynoldsburg	08/18/2002	1430	Lightning	N/A	1	0	0	0
8 Groveport	06/13/2003	1515	Lightning	N/A	0	2	0	0
9 Hilliard	08/04/2003	1000	Lightning	N/A	1	0	0	0
10 Grove City	06/29/2005	1600	Lightning	N/A	1	2	0	0
Totals					4	13	25K	0

High Winds History

16 High Winds Events were reported in Franklin County between 01/01/1993 and 04/30/2011.

Location	Date	Time	Type	Mag	Dth	Inj	PrP	CrP
1 Port Columbus Airport	5/24/1993	2310	High Winds	0 kts.	0	0	5K	0K
2 FRANKLIN	5/28/1993	2250	High Winds	0 kts.	0	0	5K	0K
3 FRANKLIN	5/28/1993	2340	High Winds	0 kts.	0	0	5K	0K
4 Southern Half	3/18/1994	1155	High Winds	0 kts.	0	2	500K	0K
5 Franklin Co	4/3/1995	1515	High Winds	0 kts.	0	4	80K	0K
6 OHZ026 - 051 - 055 - 061	4/11/1995	1525	High Winds	0 kts.	0	0	150K	0K
7 Columbus	5/10/1995	1430	High Winds	0 kts.	0	0	10K	0K
8 OHZ026 - 034>035 - 042>046 - 051>056 - 060>065 - 070>074 - 077>082 - 088	12/11/2000	9:00 PM	High Wind	58 kts.	1	0	100K	0K
9 OHZ046 - 055>056 - 065 - 073	12/14/2001	2:00 PM	High Wind	57 kts.	0	1	147K	0K
10 OHZ026 - 034>035 - 042>046 - 051>056 - 060>065 - 070>074 - 077>082 - 088	3/9/2002	12:43 PM	High Wind	73 kts.	1	12	971K	0K
11 OHZ026 - 035 - 042 - 044 - 044 - 044 - 046 - 051>056 - 060>064 - 071 - 073>074 - 079	5/11/2003	5:41 AM	High Wind	50 kts.	0	0	0	0K
12 OHZ055	12/1/2006	12:51 PM	High Wind	45 kts.	0	0	10K	0K
13 OHZ055 - 072	1/29/2008	22:00 PM	High Wind	50 kts.	0	0	0K	0K
14 OHZ044 - 055	9/14/2008	16:15 PM	High Wind	65 kts.	0	0	128.7M	0K
15 OHZ055	2/11/2009	21:34 PM	High Wind	58 kts.	0	0	0K	0K
16 OHZ055	12/9/2009	15:23 PM	High Wind	50 kts.	0	0	4K	0K
Totals					2	19	130.7M	0K

Hail Storm History

138 Hail events were reported in Franklin County between 01/01/1950 and 04/30/2011.

Location	Date	Time	Type	Mag	Dth	Inj	PrD	CrD
1 FRANKLIN	6/21/1955	1345	Hail	1.75 in.	0	0	0	0
2 FRANKLIN	7/2/1956	1335	Hail	1.00 in.	0	0	0	0
3 FRANKLIN	6/15/1957	1545	Hail	1.75 in.	0	0	0	0
4 FRANKLIN	7/18/1961	1500	Hail	1.75 in.	0	0	0	0
5 FRANKLIN	5/23/1962	1920	Hail	1.75 in.	0	0	0	0
6 FRANKLIN	4/17/1963	1145	Hail	1.75 in.	0	0	0	0
7 FRANKLIN	6/15/1964	1330	Hail	1.00 in.	0	0	0	0
8 FRANKLIN	5/14/1970	2216	Hail	0.75 in.	0	0	0	0
9 FRANKLIN	5/23/1970	1325	Hail	1.00 in.	0	0	0	0
10 FRANKLIN	6/25/1971	1840	Hail	0.75 in.	0	0	0	0
11 FRANKLIN	7/15/1971	2055	Hail	1.00 in.	0	0	0	0
12 FRANKLIN	4/12/1972	2200	Hail	2.00 in.	0	0	0	0
13 FRANKLIN	3/7/1974	1840	Hail	1.75 in.	0	0	0	0
14 FRANKLIN	4/3/1974	1050	Hail	0.75 in.	0	0	0	0
15 FRANKLIN	4/3/1974	1545	Hail	1.00 in.	0	0	0	0
16 FRANKLIN	4/3/1974	1630	Hail	1.50 in.	0	0	0	0
17 FRANKLIN	7/13/1975	1400	Hail	1.75 in.	0	0	0	0
18 FRANKLIN	7/15/1977	1330	Hail	1.50 in.	0	0	0	0
19 FRANKLIN	6/18/1978	1735	Hail	0.75 in.	0	0	0	0
20 FRANKLIN	6/21/1979	1900	Hail	0.75 in.	0	0	0	0
21 FRANKLIN	7/21/1979	1919	Hail	0.75 in.	0	0	0	0
22 FRANKLIN	5/11/1980	1830	Hail	2.75 in.	0	0	0	0
23 FRANKLIN	6/2/1980	716	Hail	1.00 in.	0	0	0	0
24 FRANKLIN	6/2/1980	716	Hail	1.00 in.	0	0	0	0
25 FRANKLIN	6/2/1980	1830	Hail	2.00 in.	0	0	0	0
26 FRANKLIN	7/12/1980	1400	Hail	2.75 in.	0	0	0	0
27 FRANKLIN	7/12/1980	1945	Hail	1.00 in.	0	0	0	0
28 FRANKLIN	4/12/1981	1315	Hail	0.75 in.	0	0	0	0
29 FRANKLIN	5/22/1982	1830	Hail	1.75 in.	0	0	0	0
30 FRANKLIN	5/22/1982	2050	Hail	1.75 in.	0	0	0	0
31 FRANKLIN	6/15/1982	1725	Hail	1.00 in.	0	0	0	0
32 FRANKLIN	6/15/1982	1725	Hail	1.00 in.	0	0	0	0
33 FRANKLIN	7/1/1983	1420	Hail	1.00 in.	0	0	0	0
34 FRANKLIN	7/1/1983	1435	Hail	1.00 in.	0	0	0	0
35 FRANKLIN	7/1/1983	1440	Hail	0.75 in.	0	0	0	0
36 FRANKLIN	7/17/1983	1430	Hail	0.75 in.	0	0	0	0
37 FRANKLIN	8/10/1984	1745	Hail	3.00 in.	0	0	0	0
38 FRANKLIN	8/10/1984	1830	Hail	3.00 in.	0	0	0	0
39 FRANKLIN	5/15/1985	1437	Hail	1.00 in.	0	0	0	0
40 FRANKLIN	5/15/1985	1437	Hail	1.00 in.	0	0	0	0
41 FRANKLIN	5/30/1985	1625	Hail	1.00 in.	0	0	0	0
42 FRANKLIN	5/9/1988	1457	Hail	0.75 in.	0	0	0	0
43 FRANKLIN	8/2/1988	1656	Hail	1.00 in.	0	0	0	0
44 FRANKLIN	8/2/1988	1715	Hail	1.75 in.	0	0	0	0
45 FRANKLIN	6/8/1990	1745	Hail	1.00 in.	0	0	0	0
46 FRANKLIN	6/8/1990	1920	Hail	0.75 in.	0	0	0	0
47 FRANKLIN	6/2/1991	1220	Hail	1.50 in.	0	0	0	0
48 FRANKLIN	4/20/1993	1705	Hail	0.75 in.	0	0	1K	0
49 Columbus	6/15/1994	1255	Hail	0.75 in.	0	0	50K	0
50 Westerville	6/16/1994	1240	Hail	0.75 in.	0	0	0	0

Location	Date	Time	Type	Mag	Dth	Inj	PrD	CrD
51 Clintonville	6/16/1994	1320	Hail	0.75 in.	0	0	0	0
52 Boltin Airport	6/16/1994	1415	Hail	0.75 in.	0	0	0	0
53 Southern Half	6/16/1994	1530	Hail	0.75 in.	0	0	0	0
54 Hilliard	6/20/1994	1445	Hail	0.75 in.	0	0	0	0
55 Columbus	6/29/1994	150	Hail	1.00 in.	0	0	0	0
56 Grove City	7/25/1994	1115	Hail	0.75 in.	0	0	0	0
57 Columbus	7/25/1994	1142	Hail	1.00 in.	0	0	0	0
58 Bolton	4/8/1995	1504	Hail	1.00 in.	0	0	0	0
59 Grove City	4/8/1995	1512	Hail	0.75 in.	0	0	0	0
60 Obetz	4/8/1995	1527	Hail	0.75 in.	0	0	0	0
61 New Vienna	6/3/1995	1118	Hail	0.75 in.	0	0	0	0
62 South Half	6/20/1995	2315	Thunderstorm Winds Hail	1 kts.	0	0	4K	0
63 Countywide	6/26/1995	2325	Thunderstorm Winds Hail	1 kts.	0	0	5K	0
64 North Half	7/4/1995	1746	Thunderstorm Winds Hail	1 kts.	0	0	5K	0
65 Columbus	5/5/1996	1:21 PM	Hail	0.75 in.	0	0	0	0
66 Columbus	6/3/1996	3:22 PM	Hail	0.75 in.	0	0	0	0
67 Columbus	6/3/1996	8:09 PM	Hail	1.00 in.	0	0	0	0
68 Grove City	5/14/1997	5:32 PM	Hail	0.75 in.	0	0	0	0
69 Flint	4/8/1998	1:04 PM	Hail	0.75 in.	0	0	0	0
70 Columbus	4/8/1998	12:50 PM	Hail	0.75 in.	0	0	0	0
71 Grove City	5/31/1998	7:54 PM	Hail	0.75 in.	0	0	0	0
72 Reynoldsburg	6/26/1998	9:27 PM	Hail	0.75 in.	0	0	0	0
73 Columbus	4/9/1999	11:15 AM	Hail	0.75 in.	0	0	0	0
74 Dublin	6/12/1999	3:00 PM	Hail	1.25 in.	0	0	3K	0
75 Hilliard	5/31/2000	6:43 PM	Hail	1.75 in.	0	0	0	0
76 Columbus Oh St Univ	7/28/2000	12:50 PM	Hail	0.88 in.	0	0	0	0
77 Dublin	8/9/2000	3:21 PM	Hail	0.88 in.	0	0	5K	0
78 Grove City	4/9/2001	7:38 PM	Hail	0.75 in.	0	0	0	0
79 Hilliard	5/25/2001	3:00 PM	Hail	1.00 in.	0	0	0	0
80 Grove City	6/12/2001	5:35 PM	Hail	0.75 in.	0	0	0	0
81 Columbus	2/20/2002	2:55 PM	Hail	1.50 in.	0	0	7K	0
82 Grove City	5/1/2002	11:13 PM	Hail	0.75 in.	0	0	10K	0
83 Reynoldsburg	5/1/2002	11:39 PM	Hail	1.00 in.	0	0	7K	0
84 Columbus	5/1/2002	11:40 PM	Hail	1.00 in.	0	0	10K	0
85 Columbus Bolton Fld	5/2/2002	2:46 AM	Hail	0.75 in.	0	0	1K	0
86 Groveport	5/2/2002	3:10 AM	Hail	1.00 in.	0	0	2K	0
87 Dublin	5/31/2002	5:15 PM	Hail	1.75 in.	0	0	0	0
88 Port Columbus Arpt	11/10/2002	5:32 PM	Hail	1.00 in.	0	0	0	0
89 Reynoldsburg	4/5/2003	12:45 AM	Hail	0.75 in.	0	0	0	0
90 Groveport	4/5/2003	12:55 AM	Hail	1.00 in.	0	0	0	0
91 Hilliard	4/20/2003	6:52 PM	Hail	0.75 in.	0	0	0	0
92 Westerville	4/20/2003	7:10 PM	Hail	1.75 in.	0	0	80.0M	0
93 Bexley	4/30/2003	2:45 PM	Hail	1.00 in.	0	0	0	0
94 Worthington	5/15/2003	7:30 PM	Hail	0.75 in.	0	0	0	0
95 Dublin	8/27/2003	5:15 AM	Hail	0.75 in.	0	0	0	0
96 Westerville	8/27/2003	6:43 PM	Hail	0.75 in.	0	0	0	0
97 Grove City	5/21/2004	4:52 PM	Hail	0.75 in.	0	0	0	0
98 Hilliard	5/21/2004	5:20 PM	Hail	1.50 in.	0	0	20K	0
99 Whitehall	5/13/2005	4:59 PM	Hail	0.75 in.	0	0	0	0

Location	Date	Time	Type	Mag	Dth	Inj	PrD	CrD
100 Upper Arlington	6/28/2005	12:50 PM	Hail	0.75 in.	0	0	0	0
101 Bexley	6/29/2005	4:20 PM	Hail	1.75 in.	0	0	10K	0
102 New Albany	11/9/2005	1:00 AM	Hail	1.75 in.	0	0	5K	0
103 Canal Winchester	4/7/2006	4:20 PM	Hail	0.75 in.	0	0	0	0
104 Whitehall	4/12/2006	8:30 PM	Hail	0.75 in.	0	0	0	0
105 Hilliard	5/17/2006	2:34 PM	Hail	0.88 in.	0	0	0	0
106 Gahanna	7/3/2006	5:10 PM	Hail	0.75 in.	0	0	0	0
107 Columbus Oh St Univ	10/4/2006	15:53 PM	Hail	0.75 in.	0	0	3K	0
108 Columbus	10/4/2006	16:55 PM	Hail	0.75 in.	0	0	3K	0
109 Hilliard	10/4/2006	17:35 PM	Hail	1.50 in.	0	0	1.0M	0
110 Columbus Oh St Univ	10/4/2006	17:43 PM	Hail	1.00 in.	0	0	10K	0
111 Gahanna	10/4/2006	18:05 PM	Hail	2.00 in.	0	0	100.0M	0
112 Gahanna	10/4/2006	18:18 PM	Hail	1.75 in.	0	0	100K	0
113 Whitehall	10/11/2006	17:55 PM	Hail	1.25 in.	0	0	10K	0
114 Columbus	4/11/2007	20:31 PM	Hail	1.75 in.	0	0	20K	0
115 Canal Winchester	6/2/2007	14:25 PM	Hail	0.88 in.	0	0	3K	0
116 Columbus	8/22/2007	18:08 PM	Hail	0.75 in.	0	0	1K	0
117 Grove City	11/5/2007	14:59 PM	Hail	0.75 in.	0	0	1K	0
118 Canal Winchester	11/5/2007	15:05 PM	Hail	0.75 in.	0	0	1K	0
119 Grandview Hgts	6/12/2008	17:59 PM	Hail	0.75 in.	0	0	1K	0
120 Grandview Hgts	7/22/2008	2:25 AM	Hail	1.00 in.	0	0	8K	0
121 New Albany	5/1/2009	16:15 PM	Hail	1.00 in.	0	0	5K	0
122 Blacklick Estaes	6/1/2009	21:27 PM	Hail	0.75 in.	0	0	0K	0
123 Galloway	6/19/2009	6:08 AM	Hail	0.88 in.	0	0	0K	0
124 Columbus	6/25/2009	20:12 PM	Hail	0.88 in.	0	0	0K	0
125 Bexley	7/17/2009	14:15 PM	Hail	0.88 in.	0	0	0K	0
126 Darbydale	4/5/2010	20:00 PM	Hail	1.25 in.	0	0	0K	0
127 Grove City	4/5/2010	20:07 PM	Hail	1.75 in.	0	0	0K	0
128 Grove City	4/5/2010	20:07 PM	Hail	1.75 in.	0	0	0K	0
129 Columbus	4/5/2010	20:18 PM	Hail	1.75 in.	0	0	0K	0
130 Gahanna	4/5/2010	21:21 PM	Hail	0.75 in.	0	0	0K	0
131 Grove City	9/16/2010	15:40 PM	Hail	1.75 in.	0	0	0K	0
132 Grove City	9/16/2010	15:56 PM	Hail	1.00 in.	0	0	0K	0
133 Dublin	3/23/2011	15:00 PM	Hail	0.75 in.	0	0	0K	0
134 Dublin	3/23/2011	15:05 PM	Hail	1.75 in.	0	0	0K	0
135 Dublin	3/23/2011	15:23 PM	Hail	0.75 in.	0	0	0K	0
136 Dublin	4/20/2011	1:11 AM	Hail	0.88 in.	0	0	0K	0
137 Groveport	4/20/2011	1:29 AM	Hail	0.88 in.	0	0	0K	0
138 Dublin	4/20/2011	1:47 AM	Hail	0.88 in.	0	0	0K	0
Totals					0	0	181.311M	0

Snow and Ice History

47 Snow and Ice events were reported in Franklin County between 12/01/1993 and 04/30/2011.

Location	Date	Time	Type	Mag	Dth	Inj	PrD	CrD
1 Southwest Through Nor	3/9/1994	400	Heavy Snow	N/A	0	0	500K	0
2 OHZ001 - 003 - 007 - 015 - 016 - 024 - 034 - 035 - 042 - 043 - 051>053	1/21/1995	100	Snow	N/A	2	6	500K	0
3 Southern And Central	12/13/1995	400	Freezing Rain	N/A	0	2	25K	0
4 West Central And Cent	12/19/1995	200	Heavy Snow	N/A	0	0	100K	0
5 OHZ015>016 - 024>026 - 034>035 - 042>046 - 051>056 - 060>062 - 070	1/2/1996	2:00 PM	Winter Storm	N/A	0	0	750K	0
6 OHZ034>035 - 042 - 046 - 051>056 - 060>065 - 070>074 - 077>082 - 088	1/6/1996	3:00 PM	Winter Storm	N/A	2	0	14.3M	0
7 OHZ015>016 - 024>026 - 034>035 - 042>046 - 051>056 - 060>065 - 070>074	3/6/1996	1:00 AM	Ice Storm	N/A	0	0	0	0
8 OHZ015>016 - 024>026 - 034>035 - 042>046 - 051>056 - 060>065 - 070>074	3/19/1996	4:00 PM	Winter Storm	N/A	1	0	0	0
9 OHZ042 - 051>056 - 060>065 - 070>072 - 077>078	1/24/1997	7:00 AM	Ice Storm	N/A	0	0	0	0
10 OHZ026 - 034>035 - 042>046 - 051>056 - 060>065 - 070>074 - 077>080	1/1/1999	10:00 PM	Winter Storm	N/A	0	0	0	0
11 OHZ026 - 034>035 - 042>046 - 051>056 - 060>065 - 070>074 - 077>078 -	1/7/1999	10:00 PM	Winter Storm	N/A	0	0	0	0
12 OHZ026 - 034>035 - 042>046 - 051>056 - 060>065 - 070>072 - 074	1/13/1999	3:00 AM	Winter Storm	N/A	0	0	0	0
13 OHZ026 - 034>035 - 042>046 - 051>056 - 060>065 - 070>074 - 077>082 -	3/9/1999	12:00 AM	Heavy Snow	N/A	0	0	0	0
14 OHZ042 - 045>046 - 051>056 - 060>065 - 070>074 - 082	1/19/2000	8:00 PM	Heavy Snow	N/A	0	0	0	0
15 OHZ045>046 - 052>056 - 060>065 - 070>074 - 077>082 - 088	12/13/2000	6:00 PM	Ice Storm	N/A	0	0	0	0
16 OHZ046 - 055 - 070 - 079 - 081	1/26/2003	5:00 PM	Winter Storm	N/A	0	0	0	0
17 OHZ026 - 034>035 - 042>046 - 051>056 - 060>065 - 070>074 - 080 - 082	2/15/2003	1:25 AM	Winter Storm	N/A	0	0	0	0
18 OHZ026 - 034>035 - 042>046 - 051>056 - 060>065 - 070>074 - 077>082 -	1/25/2004	5:00 PM	Winter Storm	N/A	0	0	0	0
19 OHZ026 - 035 - 042>046 - 051>056 - 060>064 - 070>072 - 072	3/16/2004	3:30 AM	Winter Storm	N/A	0	0	0	0
20 OHZ026 - 034>035 -	12/22/2004	8:20 AM	Winter Storm	N/A	0	0	451K	0

Location	Date	Time	Type	Mag	Dth	Inj	PrD	CrD
042>046 - 051>056 - 060>065 - 070>073 - 077>081								
21 OHZ026 - 034>035 - 042>046 - 051>055 - 060>063 - 070>072 - 077>080	12/8/2005	6:30 PM	Winter Storm	N/A	0	0	0	0
22 OHZ042 - 045 - 051 - 053 - 055 - 060>064 - 070>073 - 077>082 - 088	2/6/2007	13:00 PM	Heavy Snow	N/A	0	0	OK	OK
23 OHZ045 - 051>056 - 060>062 - 070	2/13/2007	3:00 AM	Heavy Snow	N/A	0	0	80K	OK
24 OHZ046 - 054>056 - 064>065 - 074	12/5/2007	12:00 AM	Heavy Snow	N/A	0	0	OK	OK
25 OHZ026 - 034 - 042>046 - 051>056 - 060>065 - 070>072 - 074 - 077>078	12/7/2007	12:00 AM	Winter Weather	N/A	0	0	OK	OK
26 OHZ035 - 044>046 - 055 - 060>061 - 070 - 077	12/15/2007	7:00 AM	Heavy Snow	N/A	0	0	OK	OK
27 OHZ026 - 034 - 042>044 - 051>053 - 055 - 060>063 - 065 - 070>074 - 077>078 - 080>082 - 088	1/1/2008	6:00 AM	Winter Weather	N/A	0	0	OK	OK
28 OHZ051 - 054>055 - 060>062 - 064>065 - 071>074 - 077>082 - 088	2/21/2008	19:30 PM	Winter Storm	N/A	0	0	OK	OK
29 OHZ051 - 054>055 - 060>062 - 064>065 - 071>074 - 077>082 - 088	2/21/2008	19:30 PM	Winter Weather	N/A	0	0	OK	OK
30 OHZ026 - 034 - 042>046 - 051>056 - 060>065 - 070>074 - 077>082 - 088	3/7/2008	12:00 PM	Winter Storm	N/A	0	0	OK	OK
31 OHZ026 - 034 - 042>046 - 051>056 - 061 - 064	1/14/2009	8:00 AM	Heavy Snow	N/A	0	0	OK	OK
32 OHZ026 - 034 - 042>046 - 051>056 - 060>065 - 070>074 - 077>082 - 088	1/27/2009	12:00 AM	Heavy Snow	N/A	0	0	OK	OK
33 OHZ034 - 042>043 - 045 - 052>053 - 055>056 - 060>061 - 065 - 072>074	12/19/2009	2:00 AM	Heavy Snow	N/A	0	0	OK	OK
34 OHZ034 - 042>043 - 045 - 052>053 - 055>056 - 060>061 - 065 - 072>074	12/19/2009	2:00 AM	Winter Weather	N/A	0	0	OK	OK
35 OHZ026 - 034 - 042>043 - 045 - 051>056 - 061>063 - 065 - 071>074 - 077>080 - 082 - 088	1/7/2010	5:00 AM	Winter Weather	N/A	0	0	OK	OK
36 OHZ026 - 034 - 042>046 - 051>056 - 060>063 - 065 - 070>074 - 077>078	2/5/2010	8:00 AM	Heavy Snow	N/A	0	0	OK	OK
37 OHZ026 - 034 - 043>046 - 051>052 - 054>056 - 060 - 074 - 082	2/9/2010	2:00 AM	Winter Weather	N/A	0	0	OK	OK
38 OHZ045 - 051>052 - 054>056 - 061>065 - 070>073 - 077>082 - 088	2/15/2010	2:00 AM	Heavy Snow	N/A	0	0	OK	OK
39 OHZ042>046 - 053>056 - 060>062 - 064>065 - 070>073 - 078>082 - 088	2/26/2010	14:00 PM	Winter Weather	N/A	0	0	OK	OK

Location	Date	Time	Type	Mag	Dth	Inj	PrD	CrD
40 OHZ034 - 042>043 - 045>046 - 051>056 - 060>061 - 063	3/25/2010	21:00 PM	Winter Weather	N/A	0	0	OK	OK
41 OHZ042>044 - 046 - 051>053 - 055>056 - 060>061 - 064 - 070>073 - 077>078 - 080>082 - 088	12/12/2010	8:00 AM	Winter Weather	N/A	0	0	OK	OK
42 OHZ042 - 051 - 053>056 - 060>065 - 070>074 - 077>082 - 088	12/16/2010	12:00 AM	Winter Storm	N/A	0	0	OK	OK
43 OHZ042 - 051 - 053>056 - 060>065 - 070>074 - 077>082 - 088	12/16/2010	12:00 AM	Winter Weather	N/A	0	0	OK	OK
44 OHZ026 - 042 - 044 - 046 - 051 - 055>056 - 060>064 - 070>074 - 077>082 - 088	1/11/2011	5:00 AM	Heavy Snow	N/A	0	0	OK	OK
45 OHZ026 - 042 - 044 - 046 - 051 - 055>056 - 060>064 - 070>074 - 077>082 - 088	1/11/2011	5:00 AM	Winter Weather	N/A	0	0	OK	OK
46 OHZ026 - 034 - 042>046 - 051>056 - 060>065 - 070>074 - 077>082 - 088	1/20/2011	6:00 AM	Heavy Snow	N/A	0	0	OK	OK
47 OHZ026 - 034 - 042>046 - 051>056 - 060>065 - 070>074 - 077>082 - 088	1/20/2011	6:00 AM	Winter Weather	N/A	0	0	OK	OK
Totals					5	8	16.656M	0

This historical weather data for Franklin County was collected from the national Climatic Data Center. The National Climatic Data Center is the world's largest active archive of weather data. The NCDC is part of the Department of Commerce, National oceanic and Atmospheric Administration (NOAA) and the National Environmental Satellite, Data and Information Services (NESDIS)

Drought History

Drought conditions were assessed over the summer months, May-August, when drought conditions are most severe and would have the greatest effect on crops, region 5 in Ohio where Franklin County is located, has only experienced 4 severe drought conditions and 2 of which were categorized as extreme drought. The PDSI is used to describe abnormally wet to abnormally dry conditions. Zero represents normal rainfall and temperature conditions; drought and wet weather condition indices are described by negative and positive numbers with values under -3.0 indicating severe drought.

Year	PDSI (May-August)
1895	-3.06
1896	0.21
1897	0.71
1898	1.87
1899	-1.48
1900	-2.91
1901	-2.48
1902	0.33
1903	-0.57
1904	-0.21
1905	1.15
1906	-0.33
1907	3.09
1908	0.42
1909	2.34
1910	-1.97
1911	-0.96
1912	0.03
1913	-0.56
1914	-0.52
1915	1.15
1916	1.03
1917	1.13
1918	-1.06
1919	-0.24
1920	1.89
1921	-0.58
1922	-0.14
1923	-0.79
1924	0.75
1925	-1.03
1926	0.13
1927	3.51
1928	1.32
1929	1.69
1930	-2.73
1931	0.32
1932	-1.48
1933	-0.46

Year	PDSI (May-August)
1934	-4.4
1935	1.28
1936	-1.97
1937	2.04
1938	2.22
1939	0.03
1940	0.06
1941	-0.7
1942	-1.06
1943	1.21
1944	-1.2
1945	1.21
1946	1.41
1947	2.5
1948	2.24
1949	0.07
1950	1.13
1951	-0.64
1952	-1.04
1953	-3.42
1954	-4.45
1955	-2.72
1956	0.17
1957	0.4
1958	2.24
1959	-1.3
1960	-1.76
1961	1.48
1962	-2.21
1963	-1.51
1964	-2.08
1965	-1.54
1966	-0.07
1967	-0.39
1968	0.22
1969	0.46
1970	0.35
1971	0.18
1972	0.18

Year	PDSI (May-August)
1973	2.54
1974	1.66
1975	1.02
1976	0.39
1977	-1.45
1978	-0.21
1979	1.98
1980	3.4
1981	1.29
1982	-1.15
1983	-0.05
1984	-0.46
1985	-0.55
1986	-1.63
1987	-1.68
1988	-1.8
1989	3.12
1990	3.24
1991	-2.34
1992	1.24
1993	1.85
1994	-0.5
1995	1.58
1996	3.44
1997	2.63
1998	0.6
1999	-2.85
2000	0.37
2001	-0.22
2002	-0.18
2003	1.29
2004	3.58
2005	-0.5
2006	0.28
2007	1.26
2008	0.98
2009	-0.14
2010	0.17
2011	2.37

Appendix VI- Completed Core Group Action Items

COMPLETED SHORT-TERM ACTION ITEM #1

PROBLEM:

The City of Whitehall contains several areas of repeated flooding. The area boundaries are Mound Street on the south, Broad Street on the north, Beechwood Avenue on the east and Maplewood Avenue on the west. Two creeks, Turkey Run and Mason Run, flow through the area which is a flat plain. The area contains single-family homes and two mobile home parks. Heavy rains totaling two inches or more cause the creeks to overflow, resulting in flooding four to five times per year. The problem is compounded by debris collecting on a culvert grate. The manufactured home parks have been evacuated several times. Other problems include flooded railroad underpasses and flooding at police/911 headquarters.

Action Item: Develop a comprehensive plan for addressing habitual flooding problems in the City of Whitehall.

IDEAS FOR IMPLEMENTATION:

- Form a group of stakeholders to determine the extent and cause of the problem.
- Formalize procedures for early notification of incoming rainfall from the Emergency Management Agency to the Whitehall Fire Department in order to have time to remove any debris from the culvert drain.
- Evaluate potential solutions for technical feasibility, costs/benefit and environmental impact.
- Research and secure funding for potential solutions.

COORDINATING ORGANIZATION(S):

- Franklin County Emergency Management & Homeland Security (FCEM&HS)
- Whitehall Fire Department
- City of Whitehall

TIMELINE:

Completed: The City of Whitehall Mitigation Plan is in Attachment #3 to this Plan.

PLAN GOALS ADDRESSED:

- Manage Debris Along Streams and Waterways
- Minimize Damage to Public and Private Property

COMPLETED SHORT-TERM ACTION ITEM #2

PROBLEM:

Debris has accumulated in Blacklick Creek resulting in restriction of flow, increase backwater levels upstream, and bank erosion near the blockage. The debris is mostly woody material but also contains trash and litter. The area of blockage is located in the Village of Groveport, between Hamilton Road and Ebright Road, just south of U.S. Route 33.

The blockage of Blacklick Creek is a potential threat to private property, public property and road rights-of-way. During times of heavy rain and/or snowmelt, backwater threatens development upstream of the blockage and the bridge carrying U.S. Route 33 over the creek. The area north of U.S. Route 33 is an area of considerable new and continuing development in the City of Columbus.

Action Item: Identify resources and strategies to remove the Blacklick log jam.

IDEAS FOR IMPLEMENTATION:

- Conduct a study to identify the extent of the problem, the necessary permit requirements and explore potential solutions.
- Evaluate potential solutions for technical feasibility, costs/benefit and environmental impacts.
- Research and secure funding for potential solutions

COORDINATING ORGANIZATION(S):

- Village of Groveport
- Franklin County Soil and Water District
- Franklin County Emergency Management & Homeland Security (FCEM&HS)

TIMELINE:

Complete: The Blacklick log jam has been removed.

PLAN GOALS ADDRESSED:

- Minimize Damage to Public and Private Property
- Manage Debris Along Streams and Waterways

COMPLETED SHORT-TERM ACTION ITEM #3

PROBLEM:

Technology is available that can automatically call people via their phone lines to alert them to a weather emergency. The system, called Reverse 911, has the same capabilities as the 911 system.

Action Item: Establish Reverse 911 capabilities in Franklin County.

IDEAS FOR IMPLEMENTATION:

Research, secure funding and purchase Reverse 911 system to supplement current warning capabilities.

COORDINATING ORGANIZATION:

- Franklin County Emergency Management & Homeland Security (FCEM&HS)

TIMELINE:

Complete: The Reverse 911 System has been purchased in cooperation with the Ohio State University and distributed.

PLAN GOALS ADDRESSED:

- Minimize Loss of Life from Severe Weather Hazards

COMPLETED SHORT-TERM ACTION ITEM #4

PROBLEM:

NOAA weather alert radios activate upon a severe weather watch or warning and are beneficial in providing early warning, especially in schools and office buildings. Many schools, offices and critical care facilities do not currently have NOAA weather alert radios on site.

Action Item: Purchase NOAA weather alert radios for every hospital, parks and recreation center, public utility facility, large-population venue, private/public school and government building accessed by the public in Franklin County.

IDEAS FOR IMPLEMENTATION:

- Research, secure funding and purchase NOAA weather alert radios to supplement current warning capabilities.

COORDINATING ORGANIZATION(S):

- National Weather Service
- Emergency Management Agency for Franklin County

TIMELINE:

Complete: FCEM&HS has a complete list of where the radios were distributed to.

PLAN GOALS ADDRESSED:

- Minimize Loss of Life from Severe Weather Hazards