APPENDIX A

Attendance Sheet

Edgar County Multi-Jurisdictional
All Hazards Mitigation Planning Committee Meeting

October 5, 2021

	Name (Please Print)	Representing (Jurisdiction/Organization)	Title
1.	Zachary Krug	American Environmental Co.	Specialist
2.	Wyatt Williamson	Edgar County Farm Bureau	Executive Director
3.	Mike Eads	Hume	Mayor
4.	SEAN GERBERDING	HUME FIRE PROT DIST	FIRE FIGHTER
5.	Chandra Gerberding	Hume Fire + village trustee	trustee + fire fighter
6.	David Keys	Hume Fire	Chief
7.	Chad Dudley	Bracton	village mayor
8.	Cindy Spencer	Kansas CUSD #3	Supt / Principal
9.	Mike Mann	Christian Fire Prot. Dist	Fire Chief
10.	Beth Hurlbrough	SHILOH	Principal
11.	DEREK WESTON	EDGAR CO. SHERIFFS DEPT.	CHIEF Deputy
12.	JOHN MORRIS	METCALF FIRE DEPT.	CHIEF
13.	William McCord	Village of Metcalf	MAYOR
14.	Deena Hasler	Edgar County	CCAD
15.	Chuck Wooten	" "	Paris Twp.
16.	Jeremy Jaynes	Paris 95	Superintendent

Attendance Sheet

Edgar County Multi-Jurisdictional
All Hazards Mitigation Planning Committee Meeting

October 5, 2021

	Name (Please Print)	Representing (Jurisdiction/Organization)	Title
1.	Jill Taylor	Edgar Co. ESDA	Coordinator
2.	DAN OWEN	City of Chrisman	Mayor
3.	Joshua Knight	Edgar Co. Hwy Dept	
4.	Andrea Bostwick	American Environmental	EMS Manager
5.	Terry Boggess	Paris P.D.	Chief of Police
6.	Chad Crampton	PARIS F.D.	chief of Paris Fd
7.	Cole Huber	Chrisman HS/DH	Principal
8.	Samantha McCarty	Horizon Health	Director of Emergency Services
9.	JEFF VOIGT	EDGAR CO - CHRISTIAN	
10.	Donald Wiseman	Edgar Co. PIO	PIO Treasurer
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Attendance Sheet

Edgar County Multi-Jurisdictional
All Hazards Mitigation Planning Committee Meeting

October 5, 2021

	Name (Please Print)	Representing (Jurisdiction/Organization)	Title
1.	Marissa Beck	Edgar Co. Health Dept.	Director of EM
2.	Meghan Damler	Paris CUSD4	Principal
3.	Monica Dunn	Edgar Co. Pub. Health Dept	Assistant Admin
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Attendance Sheet

Edgar County Multi-Jurisdictional
All Hazards Mitigation Planning Committee Meeting

December 7, 2021

	Name (Please Print)	Representing (Jurisdiction/Organization)	Title
1.	JEFF VOIGT	EDGAR CO.	CHAIRMAN
2.	Daniel Owen	City of Chrisman	Mayor
3.	Erin Lorentzen	Edgar County	ESDA Asst. Coord.
4.	Jeremy Larson	Paris 95 Schools	Superintendent
5.	Cole Huber	Chrisman Schools	Principal
6.	David Keys	Hume Fire	Chief
7.	Joshua Knight	Edgar Co. Hwy.	Eng. Tech
8.	Danette Young	Paris CUSD 4	Superintendent
9.	Shawn Walton	Village OF Redmon	Mayor
10.	JOHN MORRIS	METCALF FIRE PROT DIST	CHIEF
11.	BETH HARBAUGH	SHILOH	PRINCIPAL
12.	Adam Webb	Horizon Health	EMS Manager
13.	DEREK WESTON	EDGAR SHERIFF DEPT.	CHIEF DEPUTY
14.	Donald Wesemann	Treasurer	Edgar County
15.		Paris Fire Dept	
16.	Zach Walton	REDMON Fire	

Attendance Sheet

Edgar County Multi-Jurisdictional
All Hazards Mitigation Planning Committee Meeting

December 7, 2021

	Name (Please Print)	Representing (Jurisdiction/Organization)	Title
1.	Jill Taylor	Edgar Co. ESDA	Coordinator
2.	Chandie Gerkensing	HumeFD + City of Hume	
3.	Andrew Hutson	Paris Police Dept	Police Sgt
4.	Cindy Spencer	Kansas Schools	Superintendent
5.	Rick Wahl	BROCTON	TRUSTEE
6.	Samantha McCarty	Horizon Health	Director
7.	Andrea Bostwick	American Environmental	EMS Manager
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Attendance Sheet

Edgar County Multi-Jurisdictional
All Hazards Mitigation Planning Committee Meeting

February 15, 2022

	Name (Please Print)	Representing (Jurisdiction/Organization)	Title
1.	KEN RUNKLE	AEC	RISK ASSESSOR
2.	Jill Taylor	Edgar Co. ESDA	Coordenator
3.	DEREK WESTON	EDGAR CO. SHERIFF'S OFFICE	CHIEF DEPUTY
4.	Chad Dudley	Village of Brocton	Mayor
5.	[illegible]	Paris Union SD 95	Superintendent
6.	[illegible]	City of Chrisman	Mayor
7.	[illegible]	EDOA Co	CHAIRMAN
8.	[illegible]	Chrisman Schools	Principal
9.	Michael A Main	Chrisman FPD	Fire Chief
10.	Josh McCarty	Crestwood CUSD #4	Maintenance
11.	[illegible]	Edgar Co ESDA	Asst Coordinator
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Attendance Sheet

Edgar County Multi-Jurisdictional
All Hazards Mitigation Planning Committee Meeting

February 15, 2022

	Name (Please Print)	Representing (Jurisdiction/Organization)	Title
1.	Kevin Julian	Shiloh Township	Hwy Com
2.	John Morris	Metcalf Fire Dept	Chief
3.	Terry Rogers	Paris Police Dept.	Chief of Police
4.	Samantha McCarty	Horizon Health	Director of Emg. Services
5.	Beth Yarbrough	Shiloh CUSD #1	Principal
6.	Andrea Bostwick	AEC	EMS Manager
7.	Gary Henry	The Prairie Press	Ed. for
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Attendance Sheet

Edgar County Multi-Jurisdictional
All Hazards Mitigation Planning Committee Meeting

April 5, 2022

	Name (Please Print)	Representing (Jurisdiction/Organization)	Title
1.	Andrea Bostwick-Campbell	AEC	EMS Manager
2.	Ron George	Public	SAFety team
3.	Chandra Jakeway	Hume FD	
4.	David Keys	Hume FPD	Chief
5.	Cindy Speren	Kansas Schools	Supt.
6.	JOHN MORRIS	MEIGS FIRE DEPT	CHIEF
7.	Dennis & Julia Kelsheimer	Public	
8.	Ross Carrell	Village of Kansas	President
9.	DEREK WESTON	EDSO	CHIEF DEPUTY
10.	Terry Rogers	Paris PD	Chief of Police
11.	Mike McFARVIN	Chrisman FD	CHIEF
12.	Cole Huber	Chrisman Schools	Principal
13.	Danette Young	Paris CUSD #4	Superintendent
14.	Jeremy Larson	Paris 95 Schools	Superintendent
15.	Donald Wiseman	Edgar County	County Treasurer
16.			

Attendance Sheet

Edgar County Multi-Jurisdictional
All Hazards Mitigation Planning Committee Meeting

April 5, 2022

	Name (Please Print)	Representing (Jurisdiction/Organization)	Title
1.	Ken Runkle	AEC	Env. Risk Assessor
2.	Jill Taylor	Edgar Co. ESDA	Coordenator
3.	Jeff Voigt	EDGAR CO	CHAIRMAN
4.	Joshua Knight	ECHD	Eng Tech
5.	Brad Harbaugh	SHILOH	Principal
6.	Daniel Owen	City of Chrisman	Mayor
7.	Wyatt Williamson	Edgar County Farm Bureau	Exec. Director
8.	Samantha McCoy	Horizon Health	Director of Emer Serv
9.	Kevin Julian	SHILOH TOWNSHIP	HWY Com.
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APPENDIX B

Meeting Minutes

Edgar County Multi-Jurisdictional
All Hazards Mitigation Planning Committee

October 5, 2021
6:30 p.m.
Edgar County Farm Bureau Building
210 W. Washington Street, Paris

Committee Members

Brocton, Village of
Chrisman, City of
Chrisman Fire Protection District
Chrisman Junior High/ High School
Edgar County Farm Bureau
Edgar County Offices:
- Assessor
- County Board
- ESDA
- Treasurer
- Highway Department
- Health Department
- Sheriff

Horizon Health
Hume Fire Protection District
Hume, Village of
Kansas CUSD #3
Metcalf Fire Protection District
Metcalf, Village of
Paris, City of
Paris CUSD #4
Paris Township
Paris Union SD #95
Shiloh CUSD #1
American Environmental Corp.

Welcome and Introductions

Jill Taylor, Chairwoman of the Edgar County Multi-Jurisdictional All Hazards Mitigation Planning Committee, welcomed attendees. She indicated that the purpose of this Committee is to update the Edgar County All Hazards Mitigation Plan.

Handout materials were distributed to each member, including a Natural Hazards Events Questionnaire. The questionnaire will help gauge residents and committee member understanding of the natural hazards that impact the County.

Before discussing the plan development, Andrea Bostwick, American Environmental Corp. began the discussion by providing background on the grant and its planning process. Edgar County ESDA applied for and received a planning grant this summer from FEMA to update the County's hazard mitigation plan. This grant is administered through the Illinois Emergency Management Agency (IEMA) and pays for 75% of the planning cost. The remaining 25% will be met through in-kind services. The goal of the grant is to obtain a FEMA approved hazard mitigation plan. The process generally takes 12 to 14 months from start to finish.

What is Mitigation?

Andrea explained that for the purpose of this process, mitigation is any sustained action that reduces the long-term risk to people and property from natural and man-made

hazards and their impacts. Sustained actions can include projects and activities such as building a community safe room or establishing warming and cooling centers. Mitigation is one of the phases of emergency management and is an important component in creating hazard-resistant communities.

What is an All Hazards Mitigation Plan?

Andrea then explained that an All Hazards Mitigation Plan details the natural and man-made hazard events that have previously impacted the County and identifies activities and projects that reduce the risk to people and property from these hazards before an event occurs. A hazard mitigation plan is different from the County's Emergency Operations Plan (EOP) because it identifies actions that can be taken before a disaster strikes whereas the EOP identifies how the County will respond during and immediately after an event occurs.

The natural and man-made hazards that will be included in the Plan update include: floods; tornadoes; severe summer storms (including thunderstorms, hail and lightning events); severe winter storms (including ice and snow storms); extreme cold; excessive heat; drought; earthquakes; transportation, generation and storage/handling of hazardous substances; hazardous materials incidents; and waste disposal and remediation.

Andrea indicated that the Committee can also include additional hazards it feels have a significant impact on the County and then discussed mine subsidence, landslides levee and dam failures. Of these hazards, none appear to have the potential to significantly impact the County.

AEC will send out a survey to poll the Committee on whether to include any of these hazards in the next week.

Why Update the County's All Hazards Mitigation Plan?

Since the early 1990s damages caused by weather extremes have risen substantially. In 2020 the United States experienced $95 billion in severe storm damages from twenty-two (22) severe weather and natural hazard events. 2020 shattered the record number of annual billion-dollar events set in 2011 and 2017 by six events. In addition, the losses experienced in 2020 were the 4th highest only behind 2017, 2005, and 2012. In the last decade the United States has experienced the top three years with the highest total number of billion dollar events and two of the top three years with the highest total losses ever recorded. Consequently, the Federal Emergency Management Agency (FEMA) continues to encourage counties throughout the United States to prepare and develop hazard mitigation plans because what they've found is that for every dollar spent on mitigation, $6 dollars can be reaped in savings.

Updating this plan provides several major benefits:

1.) Access to federal mitigation assistance fund. Specific projects and activities will be developed and updated through the planning process to help each participating jurisdiction reduce damages. By including these actions in this Plan, the participating jurisdictions will become eligible to receive state and federal funds to implement the actions.

2.) Increased awareness of the impacts associated with natural hazards. Verifiable information about the natural hazards that occur in Edgar County will be gathered to help participants in municipal and county meetings make decisions about how to better protect citizens and property from storm damages.

The Planning Process

The goal of the Committee meetings is to develop a Plan to meet state and federal requirements so that it can be approved by the IEMA and FEMA. The Planning Committee is an integral part of the planning process and ensures that the Plan is tailored to the needs of the County and participating jurisdictions.

A five meeting process has been developed to achieve this goal. Specific activities for the Committee meetings include:

1st Committee meeting	Orientation to the Planning Process Required Information Needed to Participate
2nd Committee meeting	Discuss the Risk Assessment Approve Mission Statement & Goals Participants Return Required Forms Begin discussing Mitigation Projects and Activities
3rd Committee meeting	Discuss and approve Mitigation Strategy Committee returns draft list of Mitigation Projects and Activities
4th Committee meeting	Finish discussing Mitigation Projects and Activities Committee discusses approval/adoption of the Plan
5th Committee meeting (Public Forum)	Present the Plan update for public review Committee helps answer questions from the public

Jurisdictions who wish to be part of the Plan must meet certain participation requirements that include:

- Participating in the planning meetings and public forum
- Completing the required forms;
- Coordinating with their constituents and the public; and
- Adopting the Plan once it's completed

Information Needed from the Committee

As part of the plan update, Andrea indicated that there is information that will be needed from each participating jurisdiction. The information provided will be used to meet FEMA plan requirements. She then talked about each of the forms that must be completed at the beginning of the planning process. These Include:

Critical Facilities. Completed lists of Critical Facilities will be used to identify facilities vulnerable to natural hazards and will be provided to IEMA and FEMA as a separate supplement. Copies of the Plan made available to the public will not include these lists for security reasons.

Capability Assessment: Each jurisdiction has a unique set of capabilities and resources available to accomplish hazard mitigation and reduce long-term vulnerabilities to hazard events. As part of the update of the plan, the existing capabilities of each jurisdiction need to be identified and described.

Shelter Surveys: The locations of designated as severe weather shelters within each jurisdiction including warming centers, cooling centers and community safe rooms needs to be identified.

Drinking Water Supply Worksheet: Information on the drinking water supplies that serve the participating communities needs to be identified to assist in assessing drought vulnerability.

She asked participants to complete the forms and return them by the next meeting if possible and to let her or Zak know if they had any questions.

Severe Weather Events

Committee members were asked to share their memories of hazardous events that have occurred in the County including any damages to critical infrastructure and facilities. Flooding, severe winter weather and lightning strikes were mentioned.

Hazard events related include:

- 2 major field fires that burned 500 acres apiece on October 14th, 2020.
- A landslide occurred along 1875th Street due to heavy rain sometime around 2016.
- The County experienced widespread hail damage in March 2015. Paris High School sustained major roof damage.

Andrea told the Committee that, while AEC will review multiple data sources, including NOAA, NWS, and state and federal databases, these sources don't always include every event nor do they always include damage information, especially dollar amounts. In many cases, individuals at the local level are her best resource for this kind of information.

She asked participants to identify any hazard events that have impacted their jurisdiction by completing the form titled, "Hazard Event Questionnaire". The information provided will help supplement the information included in the risk assessment.

Andrea also asked Committee members if they had any photos of storm damage they would be willing to share for inclusion in the Plan.

Community Participation

Andrea stressed the importance of attending each committee meeting and indicated that member participation helps the County meet its 25% match for this grant in addition to assuring that member jurisdictions are eligible for IEMA/FEMA funds. She indicated that tag-teaming and designating substitute representatives is permissible when other obligations arise. Andrea pointed out that a designated substitute representative does not have be an official or employee of the jurisdiction.

Andrea requested that each jurisdiction consider sharing meeting information with their boards, councils, etc. at regularly scheduled meetings and consider posting the press release or adding a calendar item to their web pages. She also asked jurisdictions who are on Facebook to consider posting about the Plan on their pages as well.

Andrea indicated that another opportunity to include the public in the process is to post the link to the Citizen Questionnaire on their web page or Facebook. The more individuals who complete the survey, the better our understanding will be of the public's perception of the hazards that impact the County. Finally, she asked the participants to consider posting or making available at their offices the "Frequently Asked Questions" document in their meeting packet. It provides a quick summary of what the Plan is and why it's important to participate.

Mission Statement & Goals

Copies of a draft mission statement and updated goals were distributed in the meeting packet. Committee Members were asked to review these prior to the next meeting. The mitigation goals describe the objectives or end results the Committee would like to accomplish in terms of hazard and loss reduction/prevention. Every project included in the Plan should be aimed at one or more of the goals identified by this Committee. Specific goals related to where you live can be added to this list as well.

What Happens Next?

The risk assessment will be the main topic of the next committee meeting.

The second meeting of the Committee was scheduled for:

Tuesday, December 7th, 2021
Edgar County Farm Bureau Building
In-person
5:00 P.M.

Andrea asked Committee members to please review the "Tasks to be Completed" handout before the next meeting and indicated that her and Zak's contact information could be found on the last page of the meeting handout if any questions come up. With no further questions she adjourned the meeting.

Meeting Minutes

Edgar County Multi-Jurisdictional
All Hazards Mitigation Planning Committee

December 7, 2021
5:00 p.m.
Edgar County Farm Bureau
210 W. Washington Street, Paris

Committee Members

Brocton, Village of
Chrisman, City of
Edgar County CUSD #6
Edgar County Offices:
- County Board
- ESDA
- Highway Department
- Sheriff
- Treasurer

Horizon Health
Hume, Village of
Hume Fire Protection District
Kansas CUSD #3
Metcalf Fire Protection District
Paris, City of
Paris CUSD #4
Paris Union SD #95
Redmon, Village of
Redmon Fire Protection District
Shiloh CUSD #1
American Environmental Corp.

Welcome and Introductions

Jill Taylor, Chairwoman of the Edgar County Multi-Jurisdictional All Hazards Mitigation Planning Committee, welcomed attendees. She indicated that the purpose of this Committee is to update the Edgar County All Hazards Mitigation Plan.

Handout materials were distributed to each member in attendance.

Risk Assessment

Andrea Bostwick, American Environmental Corp., began the presentation by noting that there have been six federally-declared disasters in Edgar County since 1974. A total of 608 verified natural hazard events have been document over the last 20 to 70 years. A minimum of $6.1 million in damages have resulted from approximately 60 documented natural hazard events. In addition, $43 million in crop damages were recorded for three events.

The damage amounts are actually much higher based on several facts:

1.) damage descriptions for many floods, tornadoes and severe storm events did not include dollar amounts;
2.) damages to roads from heat and freeze/thaws conditions were not included; and
3.) crop damage figures were unavailable for a majority of the events.

The frequency, magnitude and property damages for each category of natural hazard were described.

Severe Storms

Severe storms are the most frequently occurring natural hazard in Edgar County with 266 events verified since 1969. Approximately $2.3 million in damages has resulted from 42 events. Additionally, there was $205,000 in crop damage from two hail events. At least one fatality and 74 injuries can be attributed to severe storms. Almost all the injuries and fatalities are attributed crashes associated with wet pavement conditions.

The highest recorded wind speed in the County, not associated with a tornado, is 75 knots (86 mph) and occurred at Chrisman on November 6, 2005. The largest hail recorded in the county is 3.00 inches (teacup-sized) south of Brocton on May 1, 2016.

Severe Winter Storms

There were at least 109 verified events involving severe winter storms (snow and/or ice) since 1950 and 48 extreme cold events since 1994. Two of the six federal disaster declarations for Edgar County are related to severe winter storms. Approximately $873,439 dollars in damages resulted from the 2011 Ground Hog's Day winter storm. Sixteen injuries can be attributed to crashes involving ice and snow-covered roadways between 2015 and 2019.

At least 12 major storms have occurred in every decade since 1960. Between 2010 and 2019 14 severe winter storms took place. There has been one severe winter storm recorded during the current decade.

The record maximum 24-hour snowfall in the County is 14.0 inches which occurred at the Paris COOP Station on December 19, 1973. The coldest recorded temperature is -23°F at the Paris COOP Station on January 18, 1930.

Floods

Three of the six federally disaster declarations for Edgar County are related to flooding. There have been a least 75 verified flood events in Edgar County, 12 riverine/shallow flood events since 2008 and 63 flash flood events since 1990. Since there are no major rivers with gauges located in the County it was difficult to identify older flood events. At least $1.9 million in damages has resulted from three flood events. No damages or fatalities/injuries were recorded for any of the events.

Excessive Heat

There have been 76 recorded excessive heat events reported in Edgar County since 1994. While no damages were recorded for any of the events, one fatality occurred as the result of an excessive heat event in 2019.

The hottest temperature recorded in Edgar County was 109°F at the Paris COOP Station on July 14, 1936 and July 14, 1954.

Tornadoes

Since 1950, 29 tornadoes have been verified in Edgar County. Approximately $937,560 in property damages has resulted from 14 of these tornadoes. Two of the tornadoes have recorded property damages of at least $250,000 per event.

Twenty injuries can be attributed to the April 22, 1963 F3 tornado.

The average tornado in Edgar County is approximately 2.4 miles long and 120 yards wide. The average area covered by a tornado in Edgar County is 0.16 square miles.

The highest recorded F-Scale rating for a tornado in the County was an F3 which occurred on April 22, 1963. This F3 tornado was also the longest and widest tornado recorded in the County and was 20.2 miles long in the County (its total length was 38.7 miles) and 1,600 yards wide.

Drought

Five major droughts have occurred during the last four decade – 1983, 1988, 2005, 2011 and 2012. There has been at least one drought per decade with the exception of the 1990s when no substantial droughts were recorded. The 2012 drought caused an estimated $42.8 million in crop damages. Following each declared drought, crop yield reductions were generally experienced, some substantial. Corn and soybean yield reductions were most severe for the 2012 drought when there was a 37.4% reduction in corn yields and a 27.7% reduction in soybean yields.

Year	Corn	Soybeans
1983	35.3%	13.8%
1988	33.8%	20.3%
2005	14.9%	7.1%
2011	5.4%	0.2%
2012	37.4	27.7%

Earthquakes

In the previous 200 years, no earthquakes have originated in Edgar County while four earthquakes have originated in adjacent counties. While there are no known fault zones or geologic structures located in Edgar County, there are two geologic structures: the Edgar Monocline and the Marshall-Sidell Syncline.

Andrea then provided information select man-made hazards in Edgar County.

Man-Made Hazards Risk Assessment

Andre then provided information on select man-made hazards. She informed the Committee that while the focus of this planning effort is directed at natural hazards, FEMA allows a small portion of the planning process to be devoted to an overview of selected man-made hazards.

Although this overview does not have the same depth as the assessment of natural hazards, it provides useful information to place various man-made hazards in

perspective. The man-made hazard risk assessment focused on the following categories of:

- generation, storage/handling, and transportation of hazardous substances;
- waste disposal;
- hazardous materials (hazmat) incidents; and
- waste remediation.

Hazardous substances broadly include flammable, explosive, biological, chemical or physical material that has the potential to harm public health or the environment. For the purposes of this Plan, the term includes both hazardous product and hazardous waste.

Generation, Storage/Handling & Transportation

In 2020 there were three facilities in Edgar County who generated reportable quantities of hazardous substances according to the USEPA.

Based on records obtained from IEMA's Tier II database, there were 27 stationary facilities within Edgar County that stored and/or handled hazardous substances. eight of these facilities stored and/or handled chemicals identified as "Extremely Hazardous Substances".

Waste Disposal

There are no active commercial solid (household) waste landfill operating in Edgar County. There are two landfills that serve the area: Illinois Landfill and Brickyard Disposal & Recycling (Vermilion County). There are no facilities within the county permitted to handle Potentially Infectious Medical Waste and no commercial off-site hazardous waste treatment or disposal facilities.

Hazardous Materials (Hazmat) Incidents

A hazardous materials (hazmat) incident refers to any accident involving the release of hazardous substances. Incidents can take place at fixed facilities or as they are being transported. Between 2011 and 2020 there were 28 hazmat incidents recorded in Edgar County. Of the 28 incidents, 13 occurred at fixed facilities, while 15 occurred during transport.

Of the 15 incidents that occurred during transport, 10 were roadway incidents, two were pipeline incidents, and three incidents involved a waterway.

Waste Remediation

Waste remediation in Illinois is primarily conducted through three programs: the federal Superfund Program (for sites posing the largest threat to public health and the environment), the Illinois Site Remediation Program (SRP) and the Illinois Leaking Underground Storage Tank (LUST) Program.

Superfund: There are no active Superfund sites in Edgar County.

Illinois SRP: There are 7 sites located Edgar County. Six of the sites have received "No Further Remediation" (NFR) or 4(y) letters.

Illinois LUST: There are approximately 60 LUST sites located in Edgar County. Approximately 88% of these sites have received NFR, Non-Lust Determination or Section 4(y) letters or remediation is virtually complete.

Risk Priority Index Exercise

Following the risk assessment, Andrea led the Committee through a Risk Priority Index (RPI) exercise. The RPI is a quantitative means of providing guidance for ranking the hazards that have the potential to impact the County. This ranking can assist participants in determining which hazards present the highest risks and therefore which ones to focus on when formulating mitigation projects and activities. Each hazard is scored on three categories: frequency, impacts on life and health and impacts on property and infrastructure based on a scoring system provided. Andrea walked the committee through the scoring system using excessive heat as an example and then provided time for the Committee to fill out the PRI form during the meeting. The results will be compiled, and the findings will be presented at the next meeting.

Mission Statement & Goals

Andrea asked Committee members to review the draft mission statement and updated mitigation goals provided in the meeting materials. Both of these are required elements of the Plan. As part of the Plan update process both items need to be reviewed and re-evaluated.

The mission statement was reviewed, and it was determined that no revisions to the wording were needed, aside from a grammatical correction related to a comma.

Next Andrea discussed the mitigation goals which are intended to reduce long-term vulnerabilities to natural and man-made hazards. Each project included in the updated Plan should be aimed at one or more of the goals developed by the committee. The updated goals were reviewed, and no revisions were made to the wording.

The mission statement and goals will be added to the Plan update.

Mitigation

Andrea explained that mitigation actions include activities and projects that reduce the long-term risk to people and property from the natural and man-made hazards discussed in the risk assessment. The purpose of the next meeting is to review and update the list of mitigation projects for each participating jurisdiction.

Status of Existing Projects

Andrea distributed **"Status of Existing Mitigation Actions"** forms to each of the previously participating jurisdictions detailing the mitigation projects and activities included in the original Plan. She explained that as part of the update process the status of these projects needs to be determined. She described how the form should be completed so that this information can be included in the Plan update.

New Projects

The form titled **"Hazard Mitigation Projects"** was distributed and Andrea indicated this form should be used to submit new projects and activities for the Plan update. To help

the jurisdictions think about and assemble their lists a 2-page list of potential mitigation projects was included in the handout material along with mitigation project lists from other jurisdictions. These examples can be used to help Committee members when they prepare their list. Finally, Andrea provided excerpts from a FEMA publication on mitigation ideas as another resource.

She indicated individual mitigation project lists will be developed for each participating jurisdiction and that this is a list of projects each jurisdiction would like to see accomplished if funding becomes available. FEMA is trying to stimulate the implementation of mitigation projects and activities to reduce the extraordinary amount of money being expended on hazard event damages.

The projects and activities included in the Plan should be mitigation-related, not emergency preparedness, response, recovery, or maintenance. Mitigation projects can include studies, regulatory activities, structural and infrastructure projects, and information/education activities. She provided advice for completing the mitigation project list including providing a detailed description of the project, the jurisdiction responsible for the project and the time frame to complete the project.

Committee members were encouraged to contact Andrea if questions arise before they return to the next Committee meeting.

What Happens Next?

The vulnerability assessment and mitigation project prioritization methodology will be the main topics of the next committee meeting.

The third meeting of the Committee was scheduled for:

Tuesday, February 15, 2022
Edgar County Farm Bureau Building
In-person
5:00 P.M.

Public Comment

With no questions or comments, Jill adjourned the meeting.

Meeting Minutes

Edgar County Multi-Jurisdictional
All Hazards Mitigation Planning Committee

February 15, 2022
5:00 p.m.
Edgar County Farm Bureau
210 W. Washington St., Paris

Committee Members

Brocton, Village of
Chrisman, City of
Chrisman FPD
Edgar County Offices:
- County Board
- ESDA
- Sheriff's Office

Edgar County CUSD #6
Horizon Health
Metcalf FPD
Paris, City of
Paris CUSD #4
Paris Union SD #95
Shiloh CUSD #1
Shiloh Township
American Environmental Corp.

Welcome

Jill Taylor, Chair of the Edgar County Multi-Jurisdictional All Hazards Mitigation Planning Committee, welcomed attendees. She turned the meeting over to Andrea Bostwick, American Environment Corp. (AEC), who opened the meeting.

Handout materials were distributed to each Committee member.

Andrea provided a brief recap to reorient Committee Members as to what has been accomplished. Before beginning the vulnerability analysis presentation, Andrea asked the participating jurisdictions to submit their completed, "Critical Facilities", "Capability Assessments" and "Shelter Surveys" if they haven't done so already.

Vulnerability Analysis

Andrea began the vulnerability analysis discussion by noting that the focus of this meeting is the vulnerability posed by tornadoes. The analysis estimates future potential damages in terms of dollar loss to residences, including contents, for each participating jurisdiction based on FEMA acceptable formulas. The potential damages were calculated on the magnitude most likely to be encountered, not on a worst-case event.

Tornadoes

Since 1950, 29 tornadoes have been verified in Edgar County. While occurring less frequently than severe storms and severe winter storms, tornadoes have caused almost $1 million in property damages and 20 injuries.

Using information from the 29 verified tornadoes, damages were calculated based on an "average" tornado. The average tornado in Edgar County impacts approximately 0.16 square miles. Housing densities were calculated from U.S. Census Bureau information for each of the participating jurisdictions. This information, along with a set of assumptions were used to estimate the number of vulnerable residential structures.

Potential dollar losses were then calculated for these vulnerable residential structures using the provided tax assessment values and an additional assumption about the degree of damage sustained by the structures and their contents.

Potential dollar losses caused by an average-sized tornado to residences and their contents would be expected to exceed at least $4.9 million in any of the participating municipalities with the exception of Metcalf. Losses ranged from $2.5 million in Metcalf to $11.9 million in Paris. Potential dollar losses by township would be expected to range from $43,617 in Prairie Township to $1.2 million in Paris Township. Andrea noted that the damage figures for the most populated townships would only be reached if the tornado's path included a portion of the major municipality in the township.

Risk Priority Index Exercise Results

Andrea then presented the results of the Risk Priority Index Exercise, which was conducted at the December 7, 2021 meeting. She provided the Committee with a brief recap on what the Risk Priority Index is and how it can help participants determine which hazards present the highest risk and therefore which ones to focus on when formulating mitigation projects and activities.

Based on the Committee's responses, thunderstorms with damaging winds and winter storms tied for the highest position, followed by extreme cold and heavy rain. The highest scoring man-made hazard was transportation related hazmat incidents. The hazards that scored the lowest included fixed facility hazmat incidents, terrorism and earthquakes.

A side-by-side comparison of how the hazards ranked between the original exercise conducted for the 2014 Plan and this exercise was provided for comparison. The top hazards from the original exercise included tornadoes, floods and hazmat incidents.

Critical Facilities Vulnerability Survey

As part of the Plan update, Andrea indicated that vulnerable community assets need to be identified for the participating jurisdictions. She asked Committee members to complete a 2-page survey distributed to help identify each community's most vulnerable assets as well as identify a list of key issues that clearly describe each community's greatest vulnerabilities. This information will be used in the vulnerability analysis.

Mitigation Actions Prioritization Methodology

The Mitigation Actions Prioritization Methodology outlines the approach used to classify each mitigation action identified by the participating jurisdictions and is a FEMA-required element of the Plan.

Mitigation actions can be prioritized in a number of ways. Andrea explained that the updated methodology is based on two key factors:

1) Frequency of hazard—severe storms occur more frequently than earthquakes.
2) Degree of mitigation—some projects will *significantly reduce* damages while other projects only have the potential to reduce damages.

This methodology helps objectively identify which projects and activities have a greater likelihood to significantly reduce the long-term vulnerabilities associated with the most frequently-occurring hazards. After reviewing the updated methodology, the Committee determined that no changes needed to be made.

Andrea acknowledged that while this methodology does not take cost or politics into consideration, these factors may affect the order in which projects are implemented. She also noted that it is important to keep in mind that implementing all of the mitigation projects is desirable regardless of which prioritization category they fall under.

Community Lifelines

Before discussing mitigation projects and the mitigation action tables with the Committee, Andrea took a few minutes to discuss the concept of community lifelines. FEMA has identified seven community lifelines that are the most fundamental services in the community that, when stabilized, enable all aspects of society to function. The seven community lifelines include: safety & security; food, water, shelter; health & medical; energy (power & fuel); communications; transportation; and hazardous materials.

While the concept of community lifelines was developed to support emergency response and planning, FEMA has begun applying it to all phases of emergency management. Efforts to protect community lifelines and prevent and mitigate potential impacts to them is one of the technical evaluation criteria used to score applicants in the BRIC grant program. A handout with a brief description of the community lifelines was included in the meeting packet. Community lifelines will be included in most project description to create a clear connection to the concept.

Mitigation Projects

Committee Members were asked to submit their existing and new Mitigation Projects forms. Andrea then described how the draft methodology, the existing and new lists of mitigation projects, finalized goals and other information will be presented for Committee review.

Andrea chose a frequently requested mitigation project, a community safe room (tornado-shelter), as an example to show how a typical project is prioritized and entered into the Plan on a Mitigation Action Table. She described how each column in the Mitigation Action Table would be completed for this example project.

Andrea explained that the information in the Mitigation Action Tables would be prepared by AEC, but that the Tables cannot be completed until all of the participants submit their draft lists of projects. Committee Members will have the opportunity at the next meeting to review all of the mitigation projects submitted so that they can make adjustments to their lists if they choose.

It was noted that each jurisdiction will have their own list of jurisdiction-specific mitigation projects and they do not need to get approval from the County or any of the other participants for any of their projects. Participants were also reminded that this is a list of projects and activities they would like to see accomplished if funding becomes available. For a jurisdiction to be eligible for a project, it must be on its list.

This is a mitigation plan and there are some projects that IEMA/FEMA do not consider mitigation. Projects associated with emergency preparedness, disaster response & recovery and maintenance will not be included in the Plan. Andrea noted that as the committee members put their lists together, if they are unsure about whether a project would be considered mitigation, go ahead, and include it on their list. AEC will review the lists and help make the appropriate determinations.

What Happens Next?

It is anticipated that participants will need time to assemble their mitigation project lists. Consequently, the Committee agreed to schedule the next meeting on:

Thursday, April 5, 2022
In-Person
Edgar County Farm Bureau
5 p.m.

Public Comment

No additional questions or comments were raised. With concurrence from committee chair, Jill Taylor, Andrea adjourned the meeting.

Meeting Minutes

Edgar County Multi-Jurisdictional
All Hazards Mitigation Planning Committee

April 5, 2022
5:00 p.m.
Edgar County Farm Bureau
210 W. Washington St., Paris

Committee Members

Chrisman, City of
Chrisman FPD
Edgar County CUSD #6
Edgar County Offices:
- County Board
- ESDA
- Highway Department
- Sheriff's Office
- Treasurer

Horizon Health
Hume FPD
Hume, Village of
Kansas CUSD #3
Kansas, Village of
Metcalf FPD
Paris, City of
Paris CUSD #4
Paris Union SD #95
Shiloh CUSD #1
Shiloh Township
American Environmental Corp.

Welcome

Jill Taylor, Chair of the Edgar County Multi-Jurisdictional All Hazards Mitigation Planning Committee, welcomed attendees. She turned the meeting over to Andrea Bostwick, American Environment Corp. (AEC), who opened the meeting.

Handout materials were distributed to each Committee member. Andrea provided a brief recap to reorient Committee members as to what has been accomplished and what will be covered at this meeting.

Mitigation Project Submittal & Action Tables

Andrea commended the Committee Members for assembling their lists of mitigation projects and activities. She explained that the information in the draft Mitigation Action Tables handout was prepared by AEC using the lists of mitigation projects and activities provided by the participation jurisdictions. A draft of Mitigation Strategy language that details the development of the goals and prioritization methodology as well as how the mitigation projects were analyzed in the tables was also provided in the meeting handouts for review by the Committee.

Committee members were asked to review the Mitigation Action Tables containing the descriptions of the mitigation projects and activities. Andrea and Ken Runkle, AEC, moved throughout the room to discuss questions with each member. Some additional mitigation projects were provided and will be added to these tables. Andrea advised Committee Members who wished to add additional projects to provide them to her as soon as possible.

Participants were reminded that this is a list of projects and activities they would like to see accomplished if the money becomes available. Also, for a jurisdiction to be eligible for a project, it must be on its list.

Since this is a mitigation plan, some projects were either removed or not included if they were not considered mitigation. Projects associated emergency preparedness/response, recovery, and maintenance will not be included in the Plan.

Public Forum and Adoption

The final Committee meeting will be conducted as an open-house style public forum to present the draft Plan for review and comment. A paper copy of the draft Plan will be available for review at the meeting and posted online on the County's website. There will be a two-week public comment period following the public forum.

Unless otherwise specified, Committee members will receive an electronic copy of the draft plan to make available for public comment.

Once the comment period is over, any comments received will be incorporated into the Plan and submitted to IEMA/FEMA. Following IEMA and FEMA review, any edits requested will be made and then FEMA will issue an Approval Pending Adoption letter. At this point an email will be sent to all the participating jurisdictions, along with a copy of a model adoption resolution, asking them to formally adopt the Plan by resolution. A copy of the executed resolution should then be provided to AEC. Once all the adoption resolutions are received, Andrea will submit them to IEMA and FEMA. FEMA will then issue the Final Approval letter starting the clock for the five-year update.

Plan Maintenance and Update

Andrea described the Plan maintenance and update commitments that are detailed in the Plan. The Plan will be monitored and evaluated on an annual basis by a Plan Maintenance Subcommittee, which will be made up of the participating jurisdictions and key member of the Planning Committee. The Edgar County ESDA Office will send out a Plan Maintenance Checklist to each of the participating jurisdictions who will be responsible for providing information to the Subcommittee. This information will include: the status of their mitigation actions; any hazard-related damages to critical facilities and infrastructure; the adoption of any new plans, policies, or regulations; and any significant changes in development. The Subcommittee will also evaluate the Plan to determine its effectiveness at achieving its stated purpose and goals. Participants can also add new mitigation actions during the annual monitoring phase or by contacting the ESDA Coordinator.

The ESDA Office will then prepare an annual progress report detailing the results of the annual monitoring and evaluation period and provide copies to the Subcommittee. Any modifications or additions to the mitigation project list will require an update of the Mitigation Strategy and a resubmittal of the Plan to IEMA and FEMA for reference.

At least once every five years, the Plan must be reviewed, revised, and resubmitted to IEMA/FEMA for the participating jurisdictions to remain eligible for mitigation project

funds. At the five-year update, any jurisdiction that is not already part of this Plan and who wants to become part of the updated Plan may do so. New jurisdictions must supply the same information that all the current jurisdictions supplied.

What Happens Next?

Public Forum

The final Committee meeting will be conducted as an open-house style public forum where the draft Plan update will be presented for review and comment.

The public forum will be held on:

Tuesday, June 7, 2022
Edgar County Farm Bureau
210 W. Washington St., Paris
5 p.m. to 7 p.m.

Public Comment

With no other questions, the meeting was adjourned.

APPENDIX C

Edgar County Citizen Questionnaire

You can help protect lives and property from natural hazard events in the County by taking a few moments to complete this questionnaire.

Asterisk (*) desonates required questions for form completion.

* 1. **Please indicate where you live in the County (Please check only one.):**

- ☐ Brocton
- ☐ Chrisman
- ☐ Hume
- ☐ Kansas
- ☐ Metcalf
- ☐ Other (please specify)
- ☐ Paris
- ☐ Redmon
- ☐ Vermilion
- ☐ Unincorp. County

* 2. **Please place a checkmark next to each of the natural hazards listed below that you have experienced in the County. (Please check all that apply.)**

- ☐ Severe Summer Storms (thunderstorms, hail, lightning strikes)
- ☐ Floods
- ☐ Severe Winter Storms(snow,sleet, ice)
- ☐ Excessive Heat
- ☐ Extreme Cold
- ☐ Tornadoes
- ☐ Drought
- ☐ Earthquakes
- ☐ Mine/Land Subsidence
- ☐ Landslides
- ☐ Dam Failures
- ☐ Levee Failures
- ☐ Other (please specify)

3. **Which of the natural hazards above have you encountered most frequently?**

4. **Rank the natural hazards listed below in order from 1 to 12 based on which hazard you feel poses the greatest threat. (1 = greatest threat and 12 = least threat)** ***Each number should only be used once.***

- ☰ ☐ Severe Summer Storms
- ☰ ☐ Floods
- ☰ ☐ Severe Winter Storms
- ☰ ☐ Excessive Heat
- ☰ ☐ Extreme Cold
- ☰ Tornadoes

- [ ] Drought
- [ ] Earthquakes
- [ ] Mine/Land Subsidence
- [ ] Landslides
- [ ] Dam Failures
- [ ] Levee Failures

* 5. **What types of mitigation projects or activities are most needed in the County? (Please check the five you feel are most important.)**

- [ ] Public information fact sheets and brochures describing actions residents can take to protect themselves and their property against natural hazard impacts.
- [ ] Floodplain Ordinances
- [ ] Building Codes and Enforcement
- [ ] Sirens or other Alert Systems
- [ ] Flood or Drainage Protection (i.e., culvert and drainage ditch maintenance, retention pond construction, dam or levee conctruction/maintenance and/or hydraulic studies to determine cause of drainage problems.)
- [ ] Maintain power during storms by burying power lines, trimming trees and/or purchasing a back-up generator
- [ ] Other (please specify)
- [ ] Tornado Safe Shelters
- [ ] Maintain roadway passage during snow storms and heavy rains
- [ ] Provide sufficient water supply during drought
- [ ] Identify residents with special needs in order to provide assistance during a ntural hazard event
- [ ] Retrofit critical infrastructure (public water supplies, schools, sewage treatment facilities, bridges, hospitals and other important services) to reduce potential damages

* 6. **What are the most effective ways *for you* to receive information about how to make your household and property safer from natural hazards (Please check all that apply.)**

- [ ] Newspapers
- [ ] Television
- [ ] Radio
- [ ] Internet
- [ ] Social Media (Facebook, Twitter, etc.)
- [ ] Schools
- [ ] Mailings
- [ ] Other (please specify)
- [ ] Fact Sheet/Brochure
- [ ] Extension Service
- [ ] Public Workshops/Meeting
- [ ] Fire Department/Law Enforcement
- [ ] Public Health Department
- [ ] Municipal/County Government

Thank you for your time in assisting with the development of the County's Hazard Mitigation Plan.
Edgar County Multi-Jurisdictional Multi-Hazard Mitigation Planning Committee

Done

APPENDIX D

Frequently Asked Questions

Edgar County Multi-Jurisdictional
All Hazards Mitigation Plan Update

1) What is the Edgar County All Hazard Mitigation Plan?

The Edgar County Multi-Jurisdictional All Hazards Mitigation Plan evaluates damage to life and property from natural and man-made hazards in the County and identifies projects and activities that can reduce these damages. The Plan is considered to be multi-jurisdictional because it includes municipalities, townships, and other jurisdictions (fire protection districts, schools, health centers, etc.) who want to participate.

2) What is hazard mitigation?

Hazard mitigation is any action taken to ***reduce*** the long-term risk to life and property from a natural or man-made hazard ***before*** an event occurs.

3) Why is this Plan being updated?

The Plan update fulfills federal planning requirements of the Stafford Act as amended by the Disaster Mitigation Act and the Disaster Recovery and Reform Act. While meeting federal requirements, this Plan update also provides these benefits:

- Funding for mitigation projects and activities ***before*** disasters occur.
- Funding for mitigation projects and activities ***following*** federally-declared disasters.
- Increased awareness about natural and man-made hazards and closer cooperation among the various organizations and political jurisdictions involved in emergency planning and response.

4) Who is updating this Plan?

The Edgar County Multi-Jurisdiction All Hazards Mitigation Planning Committee is updating the Plan with assistance from technical experts in emergency planning, environmental matters, and infrastructure. The Committee includes members from education, emergency services, municipal, township and county government, health care, and law enforcement.

5) How can I participate?

You are invited to attend public meetings of the Edgar County All Hazards Mitigation Planning Committee. In addition, you are encouraged to provide photographs, other documentation, and information about damages you experienced from natural and man-made hazards in Edgar County. Surveys will be available at participating jurisdictions and through Edgar County to help gather specific information from residents. All of this information will be used to update the Plan. A draft of the Plan update will be presented at a public forum for further public input.

More information can be obtained by contacting:

Jill Taylor, Coordinator
Edgar County Emergency Services and Disaster Agency
PO Box 1002
Paris, Illinois 61944
(217) 466-3180

APPENDIX E

EDGAR COUNTY EMERGENCY
SERVICES & DISASTER AGENCY
P. O. BOX 1002 PARIS, IL 61944
PHONE: 217-466-3180
Jill Taylor, Coordinator
E-mail: esda@edgarcountyillinois.com

Contact: Jill Taylor
(217)-466-3180

County Prepares For Natural Disasters

Paris, IL (September 20, 2021)—Edgar County will update its plan to reduce the damages caused by natural hazard events such as floods, tornadoes, snow storms, thunderstorms, and ice storms among other hazards. The plan is called a Hazard Mitigation Plan and the process to update it will be funded through a grant from the Federal Emergency Management Agency (FEMA).

"The Plan describes the natural and man-mad hazard events that have impacted the County and identifies activities and projects to reduce risk to residents, property and infrastructure", said Edgar County ESDA Coordinator Jill Taylor. "By having an updated hazard mitigation plan, the County will remain eligible for federal funds to construct these projects." she added.

The Edgar County Hazard Mitigation Planning Committee will hold its first meeting on Tuesday, October 5th at 6:30 P.M. The meeting will be held at the Edgar County Farm Bureau at 210 W. Washington Street, Paris, IL. Persons interested in participating in the meeting should contact Zachary Krug, American Environmental Corp. at (217)-585-9517 Ext. 8 or zkrug@aecspfld.com.

The Planning Committee includes County, townships, municipal, school, fire protection district and hospital representatives, as well as, technical partners and other stakeholders. Meetings of this committee will be conducted over the next year as working sessions so that any interested resident can attend and ask questions. The purpose of these working sessions is to gather and discuss information that will be used to update the plan.

"This mitigation plan is different from our County's emergency response plan because it focuses on ways to reduce and prevent damages before they occur," added Taylor.

XXXXXXXXXXXXXXXXXXX

Edgar County preparing for disasters

New hazard mitigation plan is in the works, new early alert warning system is on-line

BY GARY HENRY
ghenry@prairirpress.net

Emergency response to a disaster is more than a matter of showing up after the fact.

Planning for emergencies and having an early warning system in place for citizens can help minimize the risk of injury or death.

Jill Taylor, Edgar County Emergency Services and Disaster Agency (ESDA) Coordinator, said her agency is currently doing two projects with a goal of maximizing public safety. One project is mandated, and the other is a business decision that makes economic sense.


TAYLOR

A hazard mitigation plan must be done every five years for the county to maintain eligibility for a variety of federal safety related grants. The Federal Emergency Management Agency (FEMA) is funding the preparation of an updated mitigation plan and American Environmental Corporation was hired to do the work for the county.

"The plan describes the natural and man-made hazard events that have impacted the county and identifies activities and projects to reduce risk to residents, property and infrastructure," said Taylor.

An important part of a mitigation plan is how to reduce the damage caused by natural hazard events like floods, tornadoes, snowstorms, thunderstorms and ice storms.

"This mitigation plan is different from our county's emergency response plan because it focuses on ways to reduce and prevent damages before they occur," said Taylor.

The Edgar County Hazard Mitigation Planning Committee's first meeting is 6:30 p.m. Tuesday, Oct. 5, at the Edgar County Farm Bureau at 210 W. Washington Street, Paris.

Taylor said county office holders, county board members, representatives of law enforcement, fire chiefs, mayors, township officials, drainage district representatives, school administrators, members of the medical profession and others were invited to serve on the committee. She added the committee will meet quarterly

See **DISASTER,** Page **8A**

Prairie PRESS 10-2-21

DISASTER

FROM PAGE 1A

to develop the information American Environmental needs to update the mitigation plan. A new plan should be ready for submission to FEMA by next summer.

A representative of American Environmental said members of the public may attend the committee meetings to listen and ask questions, but advanced registration is required to attend. Anyone wanting to attend the Oct. 5 meeting should contact Zachary Krug, American Environmental Corp. at (217)-585-9517 Ext. 8 or zkrug@aecspfld.com.

When the plan is approved by FEMA, federal grants to work on mitigation projects may exist. For example, a township might seek assistance for building a retention basin where flooding is a problem, or a community might consider constructing a hardened tornado shelter. A school might want an emergency generator to keep the heat and power on in a building following an ice storm that knocks out power lines for several days.

"The separate entities will apply for the grants," said Taylor. "We can't do it for them, but ESDA may be able to help."

The other project underway is getting Edgar County residents enrolled in the Nixle early warning system.

Taylor said Nixle is replacing the WENS system that sent automated messages to phones and computers.

"It (WENS) just wasn't working properly for Edgar County," said Taylor. "People were not getting messages."

A strong factor in finding a new provider was an announced rate increase by WENS. Taylor researched other options and found that almost all emergency management agencies in the area use Nixle. She compared it to the push messaging system local schools use to make announcements for those signed up to receive the messages.

According to Taylor, Nixle is more flexible and offers more services. She said WENS did tornado alerts from the National Weather service, but nothing else. With Nixle, she can decide if a strong thunderstorm warrants a phone alert.

"We aren't going to do it for every storm, but if there is a storm coming with damaging wind and hail, we can do that," she said.

The message can also be restricted to areas most likely to be impacted. A storm headed for Kansas might deserve a warning to residents in that part of the county, but if the path does not come near Chrisman, people there do not need disturbed.

An ability to edit messages to serve a certain Zip Code means ESDA now has the means to let people know if their community is under a boil order. In the case of a hazardous material spill, only those in the impacted area can be alerted.

Taylor appreciates how easy it is for the public to enroll for the Nixle messages. Text 888-777 and enter the keyword Edgar and when prompted enter the appropriate Zip Code, and it is done.

Another option is using a sign-up link on the Edgar County website or the Edgar County ESDA Facebook page. Anyone having trouble is welcome to call the ESDA office, 217-466-3180, for assistance.

"We've walked a few people through it," said Taylor.

Plans are in place to dump-in the 911 phone numbers so people who have only landlines also get the protection with a phone call.

While residents must enter a cell phone number or email address to receive an emergency alert via text or email, there is no charge to do so. It is free way to get an early warning of potentially dangerous situations.

"You can opt out at any time," Taylor said.

Notification systems like this with a potential ability to reach everyone are replacing the older siren alarms

"Sirens are a thing of the past," said Taylor. "Not many places in our region have them.'

She noted Hume installed a siren and Chrisman has one and other communities are welcome to do so, but the cost is on the community. ESDA, she said, cannot afford to maintain a county-wide system of sirens.

Edgar County did have a siren system at one time. It was required and funded through CSEP (Chemical Stockpile Emergency Preparedness) which was a FEMA program related to the storage of nerve agent VX at the Newport Chemical Depot in neighboring Vermillion County, Indiana.

CSEP funding to maintain the sirens ended when the last of the VX stockpile was destroyed in 2008.

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October 5 at 6:46 AM ·

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EDGAR COUNTY EMERGENCY SERVICES & DISASTER AGENCY
P. O. BOX 1002 PARIS, IL 61944
PHONE: 217-466-3180
Jill Taylor, Coordinator
E-mail: esda@edgarcountyillinois.com

REMINDER

The first Hazard Mitigation Committee Meeting will be held tonight!!

*** **Date: Tuesday, October 5th** ***
Time: 6:30 pm
Place: Edgar County Farm Bureau Basement
210 W. Washington
Paris, IL 61944

DOCS.GOOGLE.COM
edgarcountymitigation letter.docx
EDGAR COUNTY EMERGENCY SERVICES & DISASTER AGENCY P. O...

Appendix E

EDGAR COUNTY EMERGENCY
SERVICES & DISASTER AGENCY
P. O. BOX 1002 PARIS, IL 61944
PHONE: 217-466-3180
Jill Taylor, Coordinator
E-mail: esda@edgarcountyillinois.com

FOR IMMEDIATE RELEASE

Contact: Jill Taylor
217-466-3180

Reducing Damages Caused By Severe Weather

Paris, IL (November 22, 2021)—The frequency and damages caused by severe storms and other natural hazards in Edgar County will be discussed when the Edgar County Hazards Mitigation Planning Committee meets Tuesday, December 7th, beginning at 5 p.m. This Committee, comprised of County and municipal representatives as well as technical partners and stakeholders, will meet over the next several months to update the Edgar County Natural Hazards Mitigation Plan. All Committee Meetings are open to the public.

"The goal of this Committee Meeting is to identify how often severe weather events occur within the County and what kinds of damages have resulted. Based on this information we will begin to compile lists of activities and projects to reduce damages caused by these events," said Edgar County ESDA Coordinator Jill Taylor.

The focus of this effort is on natural hazards— severe thunderstorms with damaging winds or hail, tornadoes, snow and ice storms, floods, drought, excessive heat, and earthquakes.

Interested persons can provide input at these Edgar County Hazards Mitigation Planning Committee meetings or submit their comments and questions to their municipal or county representatives.

Participants include the County, each of the incorporated municipalities, as well as, Paris Township, Chrisman FPD, Hume FPD, Metcalf FPD, Paris Fire Department, Chrisman High School, Kansas CUSD #3, Paris CUSD #4, Paris Union School District #95, Shiloh CUSD #1 and Horizon Health.

This Plan will be our best resource for determining how to prepare for storms and other natural hazards. After the Plan is completed, comprehensive information will be available in one document to help guide those who are making decisions about how to better protect Edgar County residents," added Taylor.

Hazard Mitigation Committee meets Dec. 7

SPECIAL TO THE PRAIRIE PRESS

The frequency and damages caused by severe storms and other natural hazards in Edgar County will be discussed when the Edgar County Hazards Mitigation Planning Committee meets 5 p.m. Tuesday, Dec. 7.

This committee, comprised of county and municipal representatives as well as technical partners and stakeholders, will meet over the next several months to update the Edgar County All Hazards Mitigation Plan. All committee meetings are open to the public.

"The goal of this committee meeting is to identify how often severe weather events occur within the county and what kinds of damages have resulted," said Edgar County ESDA Coordinator Jill Taylor. "Based on this information we will begin to update lists of activities and projects to reduce damages caused by these events,"

The focus of this effort is on natural hazards such as severe thunderstorms with damaging winds or hail, tornadoes, snow and ice storms, floods, drought, excessive heat and earthquakes.

Participants include the county, each of the incorporated municipalities, as well as, Paris Township, Chrisman FPD, Hume FPD, Metcalf FPD, Paris Fire Department, Chrisman CUSD #6, Kansas CUSD #3, Paris CUSD #4, Paris Union School District #95, Shiloh CUSD #1 and Horizon Health.

Interested persons can provide input at these Edgar County Hazards Mitigation Planning Committee meetings or submit their comments and questions to their municipal or county representatives.

"This plan will be our best resource for determining how to prepare for storms and other natural hazards. After the Plan update is completed, comprehensive information will be available in one document to help guide those who are making decisions about how to better protect Edgar County residents," added Taylor.

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1023 N High St, Paris, IL, United States, Illinois

(217) 466-3180

esda@edgarcountyillinois.com

edgarcountyillinois.com/offices/emergency-services-disaster-agency

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Hazard Mitigation Meeting # 3 is today 2/15/22

Projects to Reduce Damages Caused by Natural Hazards

—Identifying projects and activities that can protect Edgar County residents and property from natural and man-made hazards while maintaining vital services when severe weather hits will be discussed at the Edgar County All Hazards Mitigation Planning Committee meeting at the Edgar County Farm Bureau, 210 W. Washington Street in Paris, at 5 p.m., Tuesday, February 15, 2022. Committee meetings are open to the public.

"Severe weather frequently damages buildings, crops, roads, and other critical infrastructure in this area. Since 1974, the County has been a part of six federal disaster declarations. In addition, there has been at least $6.1 million in verified property damages and $43 million in crop damages caused by natural hazard events in the County. Identifying preventative steps that can be taken to reduce the dollar damages as well as protect public health before a natural hazard event occurs is the goal of this planning process," said Jill Taylor, Edgar County ESDA Coordinator. This Committee began work in October 2021 to update the County's Hazard Mitigation Plan.

"Other emergency plans are directed at responding after a storm or natural disaster strikes. With this Plan update, we will identify actions that can reduce damages caused by natural hazards for each participating jurisdiction before they occur. This Plan also helps assure each participating jurisdiction is eligible to receive federal grant money for mitigation projects," added Taylor.

The municipalities of Brocton, Chrisman, Hume, Kansas, Metcalf, Paris, Redmon, Vermilion, and the County have been participating in the planning process. Also participating are Paris Township, Chrisman FPD, Hume FPD, Metcalf FPD, Kansas FPD, Paris Fire Department, Redmon FPD, Edgar County CUSD #6, Kansas CUSD #3, Paris CUSD #4, Paris Union School District #95, Shiloh CUSD #1, and Horizon Health.

Building community safe rooms, acquiring flood prone properties, resolving drainage issues, retrofitting critical infrastructure to better withstand hazard events, purchasing back-up power supplies, and developing public information materials are a few of the more

EDGAR COUNTY EMERGENCY
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E-mail: esda@edgarcountyillinois.com

FOR IMMEDIATE RELEASE

Contact: Jill Taylor
217-466-3180

Protecting Public Health and Property in Edgar County

Paris, IL (March 21, 2022)—Projects and activities to prevent injuries and fatalities while maintaining vital services for Edgar County residents will be the main topic of discussion at the Edgar County All Hazards Mitigation Planning Committee meeting at the Edgar County Farm Bureau, 210 W. Washington Street in Paris, at 5 p.m. on April 5, 2022.

The Committee began work in October 2021 to update the County's All Hazards Mitigation Plan. This Plan details the past severe weather events that have impacted the County and identifies mitigation projects and activities that can be taken before a severe weather event occurs to protect residents and critical services and infrastructure.

"There has been at least $6.1 million in verified property damages and $43 million in crop damages caused by severe weather events in the County. Obtaining FEMA's approval of our updated Plan will make all of the participants eligible to receive federal grant money for mitigation projects and activities," according to Jill Taylor, Edgar County Emergency Services & Disaster Agency (ESDA) Coordinator.

Projects identified by Committee members at this meeting will become part of the Edgar County All Hazards Mitigation Plan. While the public has provided input on portions of the Plan, the entire Plan will be presented for public review and comment before it is submitted to the state and federal government for approval.

"A public forum will be conducted later this spring for interested persons to review the Plan update and ask questions of Committee Members. A two-week public comment period will be held following the public forum to accommodate interested persons who are unable to attend. We want to make sure that anybody who is interested has an opportunity to review and comment on the draft Plan update," added Taylor.

Interested persons can submit questions and comments to the Committee members or directly to the Edgar County ESDA Office.

Plan seeks to protect public health and property in Edgar

SPECIAL TO THE PRAIRIE PRESS

Projects and activities to prevent injuries and fatalities while maintaining vital services for Edgar County residents is the main topic of discussion at the Edgar County All-Hazards Mitigation Planning Committee 5 p.m. April 5, at the Edgar County Farm Bureau, 210 W. Washington, Paris..

The committee began work in October 2021 to update the county's All-Hazards Mitigation Plan. This plan details the past severe weather events that have impacted the County and identifies mitigation projects and activities that can be taken before a severe weather event occurs to protect residents and critical services and infrastructure.

"There has been at least $6.1 million in verified property damages and $43 million in crop damages caused by severe weather events in the county," said Jill Taylor, Edgar County Emergency Services & Disaster Agency (ESDA) Coordinator. "Obtaining FEMA's approval of our updated plan will make all of the participants eligible to receive federal grant money for mitigation projects and activities."

Projects identified by Committee members at this meeting will become part of the Edgar County All-Hazards Mitigation Plan.

Public input has helped shape the new plan, and the entire revised plan will be presented for public review and comment before it is submitted to the state and federal government for approval.

"A public forum will be conducted later this spring for interested persons to review the plan update and ask questions of committee members," said Taylor. "A two-week public comment period will be held following the public forum to accommodate interested persons who are unable to attend. We want to make sure that anybody who is interested has an opportunity to review and comment on the draft plan update."

Interested persons can submit questions and comments to the committee members or directly to the Edgar County ESDA Office.

EDGAR COUNTY EMERGENCY
SERVICES & DISASTER AGENCY
P. O. BOX 1002 PARIS, IL 61944
PHONE: 217-466-3180
Jill Taylor, Coordinator
E-mail: esda@edgarcountyillinois.com

FOR IMMEDIATE RELEASE

Contact: Jill Taylor
217-466-3180

Edgar County's Plan to Reduce Severe Weather Damages Ready for Public Review

Paris, IL (May 23, 2022)—The Edgar County Multi-Jurisdictional All Hazards Mitigation Plan outlining projects and activities to reduce damages caused by severe weather and other natural and man-made hazards will be available for public review and comment starting June 7, 2022. The Plan, along with a summary sheet and a comment survey, will be available on the Edgar County webpage. The comment period will remain open through June 21, 2022.

If you are unable to access the Plan via the website, please contact Jill Taylor, Edgar County ESDA Coordinator, at 217-466-3180 to request an appointment to view a paper copy of the Plan. Public comments received will be used to make any revisions needed before the Plan is submitted to the Illinois and Federal Emergency Management Agencies.

A public forum will be held at the Edgar County Farm Bureau, 210 W. Washington Street in Paris, from 5 p.m. to 7 p.m. on Tuesday, June 7, 2022. Individuals can still review the Plan and provide comments without participating in the public forum.

"This Plan describes how the County and the participating jurisdictions have been impacted by severe weather and other natural and man-made hazards and identifies specific mitigation actions that can be taken to reduce damages to people and property before events occur," explained Taylor.

The Edgar County All Hazards Mitigation Planning Committee has been conducting working meetings open to the public since October 2021. The Committee prepared this Plan update with technical assistance from state and federal agencies as well as a consultant specializing in emergency management planning.

The municipalities of Brocton, Chrisman, Hume, Kansas, Metcalf, Paris, and Redmon, as well as Shiloh Township, Edgar County CUSD #6 (Chrisman), Kansas CUSD #3, Paris CUSD #4 (Crestwood), Paris Union SD #95, Shiloh CUSD #1, Horizon Health, Chrisman Fire Protection District, Hume Fire Protection District and Metcalf Fire Protection District have participated in the planning process.

APPENDIX F

EDGAR COUNTY MULTI-JURISDICTIONAL ALL HAZARDS MITIGATION PLAN PUBLIC FORUM SUMMARY HANDOUT

JUNE 7, 2022
5:00 P.M. – 7:00 P.M.

Each year natural hazards (i.e., severe thunderstorms, tornadoes, severe winter storms, flooding, etc.) cause damage to property and threaten the lives and health of Edgar County residents. Since 1974, Edgar County has been a part of six federally-declared disasters and experienced at least $6.2 million in recorded property damages and $42.9 million in recorded crop damages within the County.

In the last 10 years alone (2012 – 2021), there have been 51 heavy rain events, 27 thunderstorms with damaging winds, 24 flash flood events 20 excessive heat events, 20 extreme cold events, 14 severe storms with hail one inch in diameter or greater, 12 severe winter storms, 9 riverine flood events, 2 tornadoes, and 1 drought verified in the County. While natural hazards cannot be avoided, their impacts can be reduced through effective hazard mitigation planning.

What is hazard mitigation planning?
Hazard mitigation planning is the process of determining how to reduce or eliminate property damage and loss of life from natural and man-made hazards. This process helps the County and participating jurisdictions reduce their risk by identifying vulnerabilities and developing mitigation actions to lessen and sometimes even eliminate the effects of a hazard. The results of this process are documented in an all hazards mitigation plan.

Why prepare an updated all hazards mitigation plan?
By preparing and adopting an updated all hazards mitigation plan, participating jurisdictions become eligible to apply for and receive federal hazard mitigation funds to implement mitigation actions identified in the Plan. These funds, made available through the Disaster Mitigation Act of 2000, can help provide local government entities with the opportunity to complete mitigation projects that would not otherwise be financially possible.

Who participated in the update of the Edgar County Multi-Jurisdictional All Hazards Mitigation Plan?
Recognizing the benefits that could be gained from preparing an updated all hazards mitigation plan, Edgar County invited all the local government entities within the County to participate. The following jurisdictions chose to participate in the Plan update with the County:

- Brocton, Village of
- Chrisman, City of
- Chrisman Fire Protection District
- Edgar County CUSD #6
- Horizon Health
- Hume, Village of
- Hume Fire Protection District
- Kansas, Village of
- Kansas CUSD #3
- Metcalf, Village of
- Metcalf Fire Protection District
- Paris, City of
- Paris CUSD #4
- Paris Union SD #95
- Redmon, Village of
- Shiloh CUSD #1
- Shiloh Township

How was the Plan update developed?
The Edgar County Multi-Jurisdictional All Hazards Mitigation Plan update was developed through the Edgar County Multi-Jurisdictional All Hazards Mitigation Planning Committee. The Planning Committee included representatives from each participating jurisdiction, as well as agriculture, education, emergency services and healthcare. The Planning Committee met five times between May 2021 and May 2022.

EDGAR COUNTY MULTI-JURISDICTIONAL ALL HAZARDS MITIGATION PLAN

Which natural and man-made hazards are included in the Plan update?
After reviewing the risk assessment, the Planning Committee chose to include the following natural and man-made hazards in the Plan:

Natural Hazards:
- severe storms (thunderstorms, hail, etc.)
- severe winter storms (snow, ice, etc.)
- floods (riverine & flash)
- excessive heat
- extreme cold
- tornadoes
- drought
- earthquakes
- wildfires

Man-Made hazards:
- hazardous substances (generation, transportation, and storage/handling)
- waste disposal
- hazardous material incidents
- waste remediation
- terrorism

What is included in the Plan update?
The Plan update is divided into sections that cover the planning process; the risk assessment; the mitigation strategy, including the jurisdiction-specific mitigation action lists; and plan maintenance and adoption. The majority of the Plan update is devoted to the risk assessment and mitigation strategy.

The risk assessment identifies the natural and man-made hazards that pose a threat to the County and includes a profile of each natural hazard, which describes the location and severity of past occurrences, reported damages to public health and property, and the likelihood of future occurrences. It also provides a vulnerability assessment that estimates the potential impacts each natural hazard would have on the health and safety of the residents of Edgar County, as well as the buildings, critical facilities, and infrastructure in the County.

The key component of the mitigation strategy is a list of the projects and activities developed by each participating jurisdiction to reduce the potential loss of life and property damage that results from the natural and man-made hazards identified in the risk assessment. These projects and activities are intended to be implement *before* a hazard event occurs.

What happens next?
Any comments received at today's public forum and during the public comment period will be reviewed and, where applicable, incorporated into the draft Plan update before it is submitted to the Illinois Emergency Management Agency (IEMA) and the Federal Emergency Management Agency (FEMA) for review. Once IEMA and FEMA have reviewed and approved the Plan, it will be presented to the County and each participating jurisdiction for formal adoption. After adopting the Plan update, each participating jurisdiction will be eligible to apply for federal mitigation funds and can begin implementing the mitigation actions identified in the Plan.

APPENDIX G

EDGAR COUNTY MULTI-JURISDICTIONAL ALL HAZARDS MITIGATION PLAN

COMMENT SHEET

PLAN COMMENT PERIOD
JUNE 7, 2022 THRU JUNE 21, 2022

The County's Multi-Jurisdictional All Hazards Mitigation Plan evaluates damage to life and property from natural and man-made hazards that occur in the County. This Plan also identifies projects and activities for the County and each participating jurisdiction that will help reduce these damages. This comment sheet should be used to provide feedback on the draft Plan update.

What comments, concerns or questions do you have regarding the draft Plan update?
(Use additional sheets if necessary.)

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

Please Print Your Name, Address, and Phone Number Below:

Name: _____ Phone: _____

Address: _____

_____ Zip Code: _____

Comments will be accepted through June 21, 2022.

Place
Stamp
Here

Jill Taylor, Coordinator
Edgar County ESDA
P.O. Box 1002
Paris, IL 61944

Edgar County Multi-Jurisdictional All Hazards Mitigation Plan Comment Survey

The Edgar County Multi-Jurisdictional All Hazards Mitigation Plan evaluates damage to life and property from natural and man-made hazards that occur in the County. This Plan also identifies projects and activities for the County and each participating jurisdiction to help reduce these damages. This comment survey should be used to provide feedback on the draft Plan.

An Asterisk (*) denotes a question that is required for form completion.

* 1. What comments, concerns or questions do you have regarding the draft Plan?

* 2. Name:

3. Address:

4. City/Village/Town:

5. State/Province:

6. Zip Code:

* 7. Email Address:

8. Phone Number:

Comments will be accepted through June 21, 2022.

Done

Appendix G

APPENDIX H

Runkle, Ken

From: ESDA <esda@edgarcountyillinois.com>
Sent: Tuesday, May 17, 2022 10:27 AM
To: jdwyer@co.champaign.il.us; ccemamail@gmail.com; cityhall@co.coles.il.us; chana.ray@douglascountyil.com; russell.rudd@vercounty.org; dorene.hojnicki@vigosheriff.In.Gov; tedf@vercounty.org
Cc: Runkle, Ken
Subject: Public Forum
Attachments: public forum.doc

Jill Taylor
Edgar County ESDA Coordinator
P.O. Box 1002
Paris, IL 61944
217-466-3180
esda@edgarcountyillinois.com

EDGAR COUNTY EMERGENCY
SERVICES & DISASTER AGENCY
P. O. BOX 1002 PARIS, IL 61944
PHONE: 217-466-3180
Jill Taylor, Coordinator
E-mail: esda@edgarcountyillinois.com

From: Jill Taylor, ESDA Coordinator, Edgar County

Subject: Hazard Mitigation Plan Update

Date: May 17, 2022

The purpose of this memorandum is to inform you that Edgar County is updating its countywide All Hazards Mitigation Plan. Since we share common boundaries, you are invited to review our draft Plan and provide comments during the public comment period, which runs from June 7 through June 21, 2022. Starting June 7, the Plan along with a summary sheet and a comment survey can be viewed on the Edgar County webpage.

A public forum is scheduled for:

Thursday, June 7, 2022
5 to 7 p.m.
Edgar County Farm Bureau
210 W. Washington St., Paris, IL

If you have any questions, please contact Jill Taylor at 217-466-3780 or esda@edgarcountyillinois.com.

American Environmental Corp., an emergency management and environmental consulting firm experienced in preparing these plans, is leading our planning process. If you have specific questions about the Plan, please contact Ken Runkle, a consultant team member, at 217-585-9517 Ext. 8 or krunkle@aecspfld.com

APPENDIX I

Table 1
Severe Storms - Thunderstorms with Damaging Winds Reported in Edgar County
1969 - 2021

Date(s)	Start Time	Location(s)	Magnitude Windspeed (knots)	Injuries	Fatalities	Property Damages	Crop Damages	Impacts/Event Description
10/11/1969	1:30 AM	Kansas^ Redmon^ Chrisman^	n/a	n/a	n/a	n/a	n/a	
06/02/1973	2:00 PM	Metcalf^	n/a	n/a	n/a	n/a	n/a	
05/15/1976	6:30 PM	Paris	56 kts	n/a	n/a	n/a	n/a	
05/15/1976	6:35 PM	Chrisman	n/a	n/a	n/a	n/a	n/a	
08/20/1979	5:20 PM	Paris	n/a	n/a	n/a	n/a	n/a	
04/05/1981	10:00 AM	Paris	n/a	n/a	n/a	n/a	n/a	
04/02/1982	11:30 PM	Paris	n/a	n/a	n/a	n/a	n/a	
05/13/1983	6:35 PM	Kansas	n/a	n/a	n/a	n/a	n/a	
05/14/1985	5:05 PM	Paris	61 kts	n/a	n/a	n/a	n/a	
07/04/1985	11:50 PM	Hume	n/a	n/a	n/a	n/a	n/a	
03/10/1986	12:46 PM	Paris	n/a	n/a	n/a	n/a	n/a	
05/15/1986	7:20 PM	Paris^	69 kts	n/a	n/a	n/a	n/a	
06/13/1987	2:50 PM	Paris Edgar County Airport	63 kts	n/a	n/a	$25,000	$25,000	- Five hangers and two airplanes were damaged at the municipal airport - Corn in surrounding areas was flattened
07/06/1987	6:55 PM	Paris	n/a	n/a	n/a	$25,000	n/a	Winds caused widespread tree and minor property damage
07/14/1988	12:55 PM	Paris	n/a	n/a	n/a	n/a	n/a	
08/05/1989	10:30 PM	Kansas^	n/a	n/a	n/a	n/a	n/a	Winds blew down trees
06/17/1992	6:15 PM	Paris	n/a	n/a	n/a	n/a	n/a	Tree limbs and entire trees were blown down
09/09/1992	7:46 PM	Paris	n/a	n/a	n/a	$2,500	n/a	- Winds damaged a porch and caused the roof of an old building to collapse - Numerous tree limbs were blown down
09/21/1992	12:00 AM	Paris	n/a	n/a	n/a	n/a	n/a	Two large hickory trees were blown over

^ Thunderstorms with damaging winds verified in the vicinity of this location(s).

Table 1
Severe Storms - Thunderstorms with Damaging Winds Reported in Edgar County
1969 - 2021

Date(s)	Start Time	Location(s)	Magnitude Windspeed (knots)	Injuries	Fatalities	Property Damages	Crop Damages	Impacts/Event Description
08/28/1993	3:30 PM	Paris	n/a	n/a	n/a	n/a	n/a	- Winds stripped the brick facade off a store front and damaged trees - A tree fell on a home
04/15/1994	6:15 AM	Paris^	n/a	1	n/a	n/a	n/a	*Event Decription Provided Below*
- Winds blew a pickup truck off of Route 133 five miles west of Paris injuring one person in the truck					- Several trees and numerous tree limbs were blown down in Paris, as well as, one parked tractor semi-trailer			
04/27/1994	12:00 AM	Chrisman	n/a	2	n/a	n/a	n/a	Winds damaged a mobile home and moved a utility shed
04/27/1994	1:15 AM	Horace^ Horace	n/a	n/a	n/a	n/a	n/a	- Winds blew down several trees and snapped several utility poles 1 mile north of Horace - Winds blew out several windows on a home in Horace, as well as, some causing some shingle damage
05/27/1995	7:20 PM	Paris Edgar County Airport	n/a	n/a	n/a	$110,000	n/a	- Winds blew three large trees over onto a house that used to be a funeral home - Several other homes and businesses were damaged by fallen trees - An airport hanger was damaged
06/20/1995	8:00 PM	Paris	n/a	n/a	n/a	n/a	n/a	Winds blew down a large tree in a cemetary causing minor damage to a few headstones
06/21/1995	4:15 PM	Paris Paris^	n/a	n/a	n/a	n/a	n/a	*Event Decription Provided Below*
- Numerous trees, power poles, and power lines were blown down - One tree fell onto a house in Paris and another one fell onto a cabin in the Twin Lakes area causing minor damage to both					- Several metal sheds, shed doors, and siding on some homes were damaged			
06/21/1995	4:35 PM	Kansas	n/a	n/a	n/a	n/a	n/a	Numerous trees were blown down

^ Thunderstorms with damaging winds verified in the vicinity of this location(s).

Table 1
Severe Storms - Thunderstorms with Damaging Winds Reported in Edgar County
1969 - 2021

Date(s)	Start Time	Location(s)	Magnitude Windspeed (knots)	Injuries	Fatalities	Property Damages	Crop Damages	Impacts/Event Description
01/18/1996	12:30 PM	Chrisman^	n/a	n/a	n/a	n/a	n/a	Winds ripped off the roof of a large frame barn and blew down a large tree, which broke out several windows in a home located on the farm
04/19/1996	3:58 PM	Brocton	n/a	n/a	n/a	n/a	n/a	Winds blew out several windows in a home
04/19/1996	4:20 PM	Paris^	n/a	n/a	n/a	n/a	n/a	Winds blew out several windows on a home
05/28/1996	2:00 PM	Scottland	n/a	n/a	n/a	n/a	n/a	Winds blew over a large tree onto Rt. 36, blocking traffic for a short time
06/14/1996	3:40 PM	Kansas	n/a	n/a	n/a	n/a	n/a	Winds caused roof damage to the high school
10/17/1996	6:30 PM	Paris	n/a	n/a	n/a	n/a	n/a	*Event Decription Provided Below*
- Winds blew down several trees and numerous tree limbs - Winds also broke several windows on businesses in downtown - One tree fell onto a car, however, no injuries were reported								
04/30/1997	3:57 PM	Paris	n/a	n/a	n/a	n/a	n/a	Winds blew over a large tree onto a home, damaging the roof
06/21/1997	4:55 PM	Paris	n/a	n/a	n/a	n/a	n/a	Winds blew down a large tree and numerous tree limbs
05/02/1998	3:30 PM	Paris Paris^	65 kts	n/a	n/a	n/a	n/a	Winds knocked down an oak tree and snapped several evergreens in half 2 miles east of Paris
05/19/1998	6:38 PM	Scottland	n/a	n/a	n/a	$1,000	n/a	- Winds blew down several large trees and a chapel lost some guttering in Scottland - Numerous tree limbs and power lines were blown down
06/12/1998	5:00 PM	Paris Vermilion	61 kts	n/a	n/a	n/a	n/a	Winds blew down numerous trees and tree limbs from Paris to Vermilion as the thunderstorm associated with them moved east-southeast across Edgar County
06/29/1998	5:18 PM	Countywide	n/a	n/a	n/a	n/a	n/a	
07/22/1998	2:20 PM	Chrisman	n/a	n/a	n/a	n/a	n/a	Winds blew down numerous large tree limbs

^ Thunderstorms with damaging winds verified in the vicinity of this location(s).

Table 1
Severe Storms - Thunderstorms with Damaging Winds Reported in Edgar County
1969 - 2021

Date(s)	Start Time	Location(s)	Magnitude Windspeed (knots)	Injuries	Fatalities	Property Damages	Crop Damages	Impacts/Event Description
07/22/1998	3:07 PM	Grandview^ Bell Ridge^ Oliver^	n/a	n/a	n/a	n/a	n/a	Bell Ridge Area - Two homes sustained minor to moderate damage from the fallen trees - A barn was destroyed and a chimney was knocked down through the roof of a home one mile southeast of Bell Ridge; the south wall of the house was pushed out and a garage door was blown in - Nearby a mobile home sustained moderate damage
11/10/1998	7:30 AM	Chrisman Chrisman^ Vermilion	n/a	n/a	n/a	n/a	n/a	Several trees were blown down, one of which was blown down across Highway 36
12/06/1998	7:00 PM	Paris	n/a	n/a	n/a	$25,000	n/a	- Winds blew down a large sign and several power poles in Paris - Just east of Paris a pole barn was destroyed
02/11/1999	5:40 PM	Redmon Paris	n/a	n/a	n/a	n/a	n/a	Numerous power poles and power lines were blown down
06/01/1999	8:36 PM	Brocton Redmon Paris^	n/a	n/a	n/a	n/a	n/a	- Numerous tree limbs were blown down - One tree was blown down 5 miles south of Paris on Route 1 and another one was blown down on US Route 150 just east of Paris
08/12/1999	10:15 PM	Paris	n/a	n/a	n/a	$20,000	n/a	- Several power lines blown down A large tree limb went through the roof of a house on the northwest side of the City, causing minor damage.
05/09/2000	2:50 PM	Paris	52 kts	n/a	n/a	n/a	n/a	
05/12/2000	6:50 PM	Redmon^	n/a	n/a	n/a	n/a	n/a	Winds blew down several large trees and caused moderate roof damage to two barns
06/20/2000	3:54 PM	Paris	n/a	n/a	n/a	n/a	n/a	A large tree was blown over, as well as numerous tree limbs

^ Thunderstorms with damaging winds verified in the vicinity of this location(s).

Table 1
Severe Storms - Thunderstorms with Damaging Winds Reported in Edgar County
1969 - 2021

Date(s)	Start Time	Location(s)	Magnitude Windspeed (knots)	Injuries	Fatalities	Property Damages	Crop Damages	Impacts/Event Description
06/23/2000	7:30 PM	Paris	n/a	n/a	n/a	n/a	n/a	A 3 foot diameter tree was snapped off at the ground
08/02/2000	4:20 PM	Kansas Redmon^	n/a	n/a	n/a	n/a	n/a	- Several power lines were blown down in Kansas and Redmon - A tree was blown down across Illinois Route 49 in Kansas
08/06/2000	8:34 PM	Countywide	n/a	n/a	n/a	n/a	n/a	- Numerous trees, tree limbs and power lines were blown down countywide - Near Metcalf, several corn fields were flattened by thunderstorm winds
07/08/2001	4:14 PM	Kansas^	50 kts	n/a	n/a	n/a	n/a	Numerous large tree limbs and several power lines were blown down
08/13/2001	1:00 PM	Paris	56 kts	n/a	n/a	n/a	n/a	Several large trees were blown down with one briefly blocking Illinois Route 1
08/18/2001	3:30 PM	Edgar^ Paris Vermilion^	50 kts	n/a	n/a	n/a	n/a	A few trees and tree limbs were blown down
10/24/2001	2:15 PM	Paris Chrisman	50 kts	n/a	n/a	n/a	n/a	- Several power poles were blown down as well as trees and tree limbs A semi was blown over on Illinois Route 1, seven miles north of Paris
04/27/2002	10:53 PM	Paris	50 kts	n/a	n/a	n/a	n/a	***This event was part of a federally-declared disaster (Declaration #1416)*** A large tree was blown down across a powerline
04/27/2002	11:30 PM	Paris Paris^	55 kts	n/a	n/a	$200,000	n/a	*Event Decription Provided Below*

^ Thunderstorms with damaging winds verified in the vicinity of this location(s).

Table 1
Severe Storms - Thunderstorms with Damaging Winds Reported in Edgar County
1969 - 2021

Date(s)	Start Time	Location(s)	Magnitude Windspeed (knots)	Injuries	Fatalities	Property Damages	Crop Damages	Impacts/Event Description
This event was part of a federally-declared disaster (Declaration #1416) - Several trees and powerlines were blown down					- Some of the fallen trees caused minor damage to a couple of homes - A large farm shed was destroyed on the south edge of town.			
05/01/2002	9:20 PM	Paris	50 kts	n/a	n/a	n/a	n/a	***This event was part of a federally-declared disaster (Declaration #1416)*** Thunderstorm winds blew a tree down onto a house causing minor damage
05/07/2002	3:30 AM	Paris	50 kts	n/a	n/a	n/a	n/a	***This event was part of a federally-declared disaster (Declaration #1416)*** Two large trees were blown down with one falling onto an unoccupied van, destroying it
05/31/2002	2:35 PM	Redmon^	50 kts	n/a	n/a	n/a	n/a	- Winds blew over a semi truck near the intersection of Illinois Route 49 and Illinois Route 133 - Several trees were blown over
05/10/2003	9:10 AM	Kansas Paris^ Vermilion	60 kts	n/a	n/a	n/a	n/a	Winds blew down numerous trees and power lines
05/10/2003	10:10 AM	Kansas Paris	55 kts	n/a	n/a	n/a	n/a	Additional trees and power lines were blown down
07/09/2003	6:00 PM	Chrisman	52 kts	n/a	n/a	n/a	n/a	A large tree was blown over
05/23/2004	7:45 PM	Paris	52 kts	n/a	n/a	n/a	n/a	- Several trees were blown down - Some of the trees caused minor damage to a couple of homes
05/25/2004	12:45 AM	Kansas Paris	52 kts	n/a	n/a	n/a	n/a	Several trees and tree limbs were blown down
05/30/2004	4:45 PM	Paris Vermilion^	55 kts	n/a	n/a	n/a	n/a	Several large trees and power lines were blown down

^ Thunderstorms with damaging winds verified in the vicinity of this location(s).

Table 1
Severe Storms - Thunderstorms with Damaging Winds Reported in Edgar County
1969 - 2021

Date(s)	Start Time	Location(s)	Magnitude Windspeed (knots)	Injuries	Fatalities	Property Damages	Crop Damages	Impacts/Event Description
06/17/2004	2:30 PM	Paris^	60 kts	n/a	n/a	n/a	n/a	- Winds blew down over 40 trees on a farm - The trees caused minor damage to the soffit of a house on the farm
07/13/2004	3:10 PM	Chrisman Edgar^ Paris	50 kts	n/a	n/a	n/a	n/a	Several trees, tree limbs and power lines were blown down between Chrisman and Paris
07/13/2004	3:55 PM	Chrisman Edgar^ Paris	50 kts	n/a	n/a	n/a	n/a	Winds blew down a few more trees and power lines between Chrisman and Paris
07/21/2005	8:45 PM	Paris	50 kts	n/a	n/a	n/a	n/a	Several large tree limbs blown down
07/26/2005	8:00 PM	Paris^	50 kts	n/a	n/a	n/a	n/a	A few large tree limbs blown down
11/06/2005	12:16 AM	Chrisman	75 kts	n/a	n/a	n/a	n/a	- Three post frame buildings received structural damage, several outbuildings were damaged or destroyed, and a mobile home was overturned - Many other buildings received broken windows and shingle damage
04/02/2006	6:25 PM	Paris^ Paris Edgar^	55 kts	n/a	n/a	n/a	n/a	Two barns blown down as well as numerous trees and power lines
04/14/2006	12:40 AM	Chrisman^	61 kts	n/a	n/a	$300,000	n/a	- A barn and grain bin were destroyed and a machine shed was damaged - A tractor and new combine sustained damage - Two horses were injured, and one had to be put down
05/30/2006	4:12 PM	Paris	50 kts	n/a	n/a	n/a	n/a	Several large tree limbs and power lines and an 8 inch diameter tree were blown down
10/18/2007	3:59 AM	Paris	61 kts	n/a	n/a	$10,000	n/a	Several trees and power lines were blown down

^ Thunderstorms with damaging winds verified in the vicinity of this location(s).

Table 1
Severe Storms - Thunderstorms with Damaging Winds Reported in Edgar County
1969 - 2021

Date(s)	Start Time	Location(s)	Magnitude Windspeed (knots)	Injuries	Fatalities	Property Damages	Crop Damages	Impacts/Event Description
02/05/2008	7:00 PM	Kansas Grandview^ Paris	61 kts	n/a	n/a	$20,000	n/a	Numerous trees and power lines were blown down
05/30/2008	8:45 PM	Paris	61 kts	n/a	n/a	$50,000	n/a	- Numerous trees and power poles were blown down - A barn and a house sustained damage and a semi trailer was overturned
06/06/2008	3:54 PM	Kansas^ Paris	61 kts	n/a	n/a	$40,000	n/a	***This event was part of a federally-declared disaster (Declaration #1771)*** - Numerous trees and power lines were blown down in Paris - A semi trailer was blown over north of Kansas
07/08/2008	5:44 PM	Kansas Borton Isabel Brocton	61 kts	n/a	n/a	$65,000	n/a	***This event was part of a federally-declared disaster (Declaration #1771)*** - Several trees were blown down - Falling tree limbs caused damage to some vehicles in Kansas and a few vehicles in Brocton
07/08/2008	5:50 PM	Paris	52 kts	n/a	n/a	$15,000	n/a	***This event was part of a federally-declared disaster (Declaration #1771)*** Several trees were blown down at the cemetary on High Street
06/18/2009	5:57 AM	Hume	61 kts	n/a	n/a	$5,000	n/a	A large tree was blown down
06/18/2009	6:38 AM	Chrisman	61 kts	n/a	n/a	$4,000	n/a	A power pole was blown down
07/25/2009	12:00 AM	Chrisman^	52 kts	n/a	n/a	$3,000	n/a	A tree was blown down across Route 36
06/12/2010	4:12 PM	Paris	52 kts	n/a	n/a	$25,000	n/a	Several trees and power lines were blown down
06/12/2010	4:32 PM	Chrisman	52 kts	n/a	n/a	$7,000	n/a	Power lines were blown down
10/26/2010	6:00 AM	Paris	52 kts	n/a	n/a	$20,000	n/a	Numerous trees and tree branches were blown down

^ Thunderstorms with damaging winds verified in the vicinity of this location(s).

Table 1
Severe Storms - Thunderstorms with Damaging Winds Reported in Edgar County
1969 - 2021

Date(s)	Start Time	Location(s)	Magnitude Windspeed (knots)	Injuries	Fatalities	Property Damages	Crop Damages	Impacts/Event Description
04/19/2011	6:57 PM	Chrisman^	70 kts	n/a	n/a	$35,000	n/a	Downburst winds caused damage to a pole barn, the roof of a house, and numerous power poles
06/21/2011	5:00 PM	Chrisman^	52 kts	n/a	n/a	$12,000	n/a	Power lines were blown down
08/09/2012	5:33 PM	Hume	61 kts	n/a	n/a	$15,000	n/a	Three power poles were snapped and several tree branches were blown down
08/09/2012	5:35 PM	Metcalf^	61 kts	n/a	n/a	$3,000	n/a	Three large trees were blown down
09/07/2012	5:03 PM	Kansas	52 kts	n/a	n/a	$2,000	n/a	A tree was blown down onto Highway 16
09/07/2012	5:15 PM	Kansas	52 kts	n/a	n/a	$2,000	n/a	A tree was blown down onto Highway 49
08/25/2014	6:23 PM	Kansas	52 kts	n/a	n/a	$15,000	n/a	A few trees and power lines were blown down
08/25/2014	6:30 PM	Hume^	52 kts	n/a	n/a	$1,500	n/a	A tree was blown down
08/26/2014	4:07 PM	Redmon^	52 kts	n/a	n/a	$20,000	n/a	Numerous tree branches were blown down and a corn field was flattened west of the Village
05/01/2016	5:56 PM	Redmon^	52 kts	n/a	n/a	$15,000	n/a	A shed was damaged and a few trees were blown down
05/01/2016	6:10 PM	Paris^	52 kts	n/a	n/a	$15,000	n/a	Metal shed doors were blown in and some roofing was peeled off
07/13/2016	4:50 PM	Kansas	61 kts	n/a	n/a	$2,000	n/a	A large tree was snapped
07/13/2016	4:55 PM	Brocton	61 kts	n/a	n/a	$20,000	n/a	- A TV antenna tower was blown down - Roof shingles were stripped off a building and several tree branches were blown down
08/26/2016	1:45 PM	Paris	52 kts	n/a	n/a	$20,000	n/a	Multiple 2 to 3-inch diameter tree branches were blown down
08/26/2016	1:50 PM	Paris	52 kts	n/a	n/a	$40,000	n/a	*Event Decription Provided Below*
- Several tree limbs were blown onto houses and nine power lines were reported down on the east side of Paris					- Winds caused damage to a residence on Dole Street according to the Paris Fire Department Committee Member			

^ Thunderstorms with damaging winds verified in the vicinity of this location(s).

Table 1
Severe Storms - Thunderstorms with Damaging Winds Reported in Edgar County
1969 - 2021

Date(s)	Start Time	Location(s)	Magnitude Windspeed (knots)	Injuries	Fatalities	Property Damages	Crop Damages	Impacts/Event Description
03/07/2017	2:53 AM	Vermilion^	52 kts	n/a	n/a	n/a	n/a	A large tree limb was blown down
05/10/2017	8:05 PM	Paris	61 kts	n/a	n/a	$250,000	n/a	*Event Decription Provided Below*
- Numerous trees were blown down or uprooted, including one that crushed a truck - Power lines were blown down and minor roof and siding damage took place as well					- A residence on Madison Street sustained damage according to the Paris Fire Department Committee Member			
07/23/2017	8:40 PM	Paris	52 kts	n/a	n/a	n/a	n/a	A large tree limb was blown down at Cherry Point and Maple Avenue
06/10/2018	2:27 PM	Vermilion^	52 kts	n/a	n/a	$20,000	n/a	Numerous large tree limbs were blown down
08/18/2019	4:40 PM	Chrisman	52 kts	n/a	n/a	n/a	n/a	A business sign was blown over
04/08/2020	5:55 PM	Chrisman^ Edgar^ Paris	61 kts	n/a	n/a	$45,000	n/a	- A house was damaged and power lines were blown down near Chrisman - A pine tree was blown down in Paris
06/03/2020	7:50 PM	Edgar^	52 kts	n/a	n/a	$6,000	n/a	A tree was blown down onto power lines
07/08/2020	5:00 PM	Paris	52 kts	n/a	n/a	n/a	n/a	A large tree was blown down
07/11/2020	10:00 PM	Vermilion^	52 kts	n/a	n/a	n/a	n/a	Several large tree limbs were blown down
07/19/2020	4:20 PM	Paris^	52 kts	n/a	n/a	n/a	n/a	A tree was blown onto a road
08/10/2020	4:27 PM	Vermilion^	52 kts	n/a	n/a	n/a	n/a	Several large tree limbs were snapped
06/19/2021	3:10 AM	Chrisman	52 kts	n/a	n/a	$110,000	n/a	- Multiple tree branches greater than 12 inches in diameter were blown down - Some of the falling branches caused structural damage to homes
10/11/2021	2:35 PM	Paris	61 kts	n/a	n/a	$15,000	n/a	- Several trees were blown over, causing roof damage - An apartment building on Wood Street sustained $10,000 in damages according to the Paris Fire Department Committee Members

^ Thunderstorms with damaging winds verified in the vicinity of this location(s).

Table 1
Severe Storms - Thunderstorms with Damaging Winds Reported in Edgar County
1969 - 2021

Date(s)	Start Time	Location(s)	Magnitude Windspeed (knots)	Injuries	Fatalities	Property Damages	Crop Damages	Impacts/Event Description
12/10/2021	11:35 PM	Edgar County Airport	54 kts	n/a	n/a	n/a	n/a	
GRAND TOTAL:				**3**	**0**	**$1,636,000**	**$25,000**	

Source: Edgar County Multi-Jurisdictional All Hazards Mitigation Planning Committee Member responses to Natural Hazard Events Questionnaire.
NOAA, National Environmental Satellite, Data & Information Service, National Centers for Environmental Information, Cooperative Observation Forms.
NOAA, National Environmental Satellite, Data & Information Service, National Centers for Environmental Information, Storm Events Database.

^ Thunderstorms with damaging winds verified in the vicinity of this location(s).

Table 2
Severe Storms - Hail Events Reported in Edgar County
1974 - 2021

Date(s)	Start Time	Location(s)	Magnitude Hail Stone Diameter (inches)	Injuries	Fatalities	Property Damages	Crop Damages	Impacts/Event Description
04/03/1974	3:45 PM	Paris^	1.75 in.	n/a	n/a	n/a	n/a	
06/28/1976	4:45 AM	Vermilion^	1.75 in.	n/a	n/a	n/a	n/a	
04/05/1981	10:00 AM	Paris	1.50 in.	n/a	n/a	n/a	n/a	
04/10/1981	4:22 PM	Hume	1.75 in.	n/a	n/a	n/a	n/a	
04/28/1981	8:00 PM	Paris	1.75 in.	n/a	n/a	n/a	n/a	
07/02/1985	5:00 PM	Chrisman	1.00 in.	n/a	n/a	n/a	n/a	
07/04/1985	11:25 PM	Redmon^	1.00 in.	n/a	n/a	n/a	n/a	
05/25/1989	4:30 PM	Redmon^ Chrisman^	1.75 in.	n/a	n/a	n/a	n/a	
04/19/1996	4:10 PM	Paris	1.75 in.	n/a	n/a	n/a	n/a	
04/07/1998	7:14 PM	Chrisman	1.75 in.	n/a	n/a	n/a	n/a	
05/02/1998	3:24 PM	Paris^ Paris	1.75 in.	n/a	n/a	n/a	n/a	A large amount of hail, up to golfball size, caused damage to siding on a couple of homes, defoliated trees, stripped bark, and killed birds in the trees
02/27/1999	1:35 PM	Hume	1.75 in.	n/a	n/a	n/a	n/a	Hail caused some minor damage to a few homes and vehicles
05/09/2000	2:30 PM	Kansas	1.00 in.	n/a	n/a	n/a	n/a	
04/12/2002	3:25 PM	Paris Edgar Chrisman	1.00 in.	n/a	n/a	n/a	n/a	
05/10/2003	8:00 AM	Paris Scottland	2.75 in.	n/a	n/a	n/a	n/a	Numerous homes, vehicles, barns, outdoor furniture, etc. were damaged or destroyed
05/30/2004	4:30 PM	Paris Paris^	2.00 in.	n/a	n/a	n/a	n/a	

^ Hail event verified in the vicinity of this location(s).

Table 2
Severe Storms - Hail Events Reported in Edgar County
1974 - 2021

Date(s)	Start Time	Location(s)	Magnitude Hail Stone Diameter (inches)	Injuries	Fatalities	Property Damages	Crop Damages	Impacts/Event Description
09/19/2005	6:45 AM	Paris^ Paris	1.75 in.	n/a	n/a	$55,000	$170,000	- Six homes had roof damage and broken windows, and numerous vehicles were dented from the hail - The hail damaged corn and soybean crops
06/28/2006	3:40 PM	Paris	1.00 in.	n/a	n/a	n/a	n/a	
07/20/2006	9:37 PM	Paris	1.00 in.	n/a	n/a	n/a	n/a	
04/03/2007	12:10 PM	Paris	1.00 in.	n/a	n/a	n/a	n/a	
07/21/2008	9:50 PM	Chrisman	1.25 in.	n/a	n/a	n/a	n/a	
07/21/2008	9:55 PM	Chrisman	1.25 in.	n/a	n/a	n/a	n/a	
07/21/2008	10:04 PM	Chrisman	2.50 in.	n/a	n/a	n/a	n/a	
04/05/2010	2:53 PM	Oliver^	1.00 in.	n/a	n/a	n/a	n/a	
04/05/2010	2:57 PM	Oliver^	1.75 in.	n/a	n/a	n/a	n/a	
05/07/2011	5:45 PM	Chrisman^	1.00 in.	n/a	n/a	n/a	n/a	
05/07/2011	6:16 PM	Vermilion^	1.00 in.	n/a	n/a	n/a	n/a	
05/25/2011	4:19 PM	Paris	1.75 in.	n/a	n/a	n/a	n/a	
05/28/2011	3:30 PM	Paris^	1.50 in.	n/a	n/a	n/a	n/a	
03/02/2012	8:46 AM	Paris	1.00 in.	n/a	n/a	n/a	n/a	
04/10/2013	2:18 PM	Paris	1.50 in.	n/a	n/a	n/a	n/a	
04/10/2013	2:23 PM	Paris	2.00 in.	n/a	n/a	n/a	n/a	
04/10/2013	2:22 PM	Paris	2.50 in.	n/a	n/a	n/a	n/a	
05/21/2014	4:00 PM	Brocton	1.00 in.	n/a	n/a	n/a	n/a	
05/21/2014	7:06 PM	Chrisman	1.25 in.	n/a	n/a	n/a	n/a	
08/26/2014	4:00 PM	Brocton^	1.00 in.	n/a	n/a	n/a	n/a	
08/26/2014	4:04 PM	Brocton	1.00 in.	n/a	n/a	n/a	n/a	
04/26/2016	2:52 PM	Paris	1.75 in.	n/a	n/a	$750,000	n/a	

^ Hail event verified in the vicinity of this location(s).

Table 2
Severe Storms - Hail Events Reported in Edgar County
1974 - 2021

Date(s)	Start Time	Location(s)	Magnitude Hail Stone Diameter (inches)	Injuries	Fatalities	Property Damages	Crop Damages	Impacts/Event Description
05/01/2016	5:49 PM	Borton^	3.00 in.	n/a	n/a	n/a	n/a	
05/01/2016	6:06 PM	Paris	1.50 in.	n/a	n/a	$10,000	n/a	Hail damaged the siding of a home
08/26/2016	1:48 PM	Paris^	1.00 in.	n/a	n/a	n/a	n/a	
03/28/2020	2:30 PM	Vermilion	2.00 in.	n/a	n/a	n/a	n/a	
08/25/2021	2:15 PM	Scottland	1.00 in.	n/a	n/a	n/a	n/a	
GRAND TOTAL:				**0**	**0**	**$815,000**	**$170,000**	

Sources: Edgar County Multi-Jurisdictional All Hazard Mitigation Planning Committee Member responses to the Natural Hazard Events Questionnaire.
NOAA, National Environmental Satellite, Data & Information Service, National Centers for Environmental Information, Storm Events Database.

^ Hail event verified in the vicinity of this location(s).

Table 3
Severe Storms - Heavy Rain Events Reported in Edgar County
2000 - 2021

Date(s)	Start Time	Magnitude Rainfall (inches)	Observed Location(s)[1]	Injuries	Fatalities	Property Damages	Crop Damages	Impacts/Event Description
06/16/2000	9:00 AM	2.31 in.	Paris	n/a	n/a	n/a	n/a	
06/23/2000	8:00 PM	2.40 in.	Paris	n/a	n/a	n/a	n/a	
07/10/2000	11:00 PM	1.82 in.	Paris	n/a	n/a	n/a	n/a	
10/04/2000	4:00 PM	3.50 in.	Paris	n/a	n/a	n/a	n/a	
05/16/2001	10:00 PM	2.18 in.	Paris	n/a	n/a	n/a	n/a	
07/03/2001	11:00 PM	2.88 in.	Paris	n/a	n/a	n/a	n/a	
10/10/2001	6:00 AM	2.89 in.	Paris	n/a	n/a	n/a	n/a	
10/13/2001	5:00 AM	2.74 in.	Paris	n/a	n/a	n/a	n/a	
10/23/2001	5:00 AM	2.44 in.	Paris	n/a	n/a	n/a	n/a	
04/12/2002	4:00 PM	2.46 in.	Paris	n/a	n/a	n/a	n/a	
04/27/2002	8:30 AM	2.17 in.	Paris	n/a	n/a	n/a	n/a	
05/07/2002	12:30 AM	2.37 in.	Paris	n/a	n/a	n/a	n/a	
05/12/2002	6:00 AM	2.90 in.	Paris	n/a	n/a	n/a	n/a	
05/04/2003	12:30 PM	2.08 in.	Paris	n/a	n/a	n/a	n/a	
05/10/2003	8:30 AM	1.83 in.	Paris	n/a	n/a	n/a	n/a	
07/09/2003	2:00 PM	1.90 in.	Paris	n/a	n/a	n/a	n/a	
07/18/2003	1:30 AM	1.80 in.	Paris	n/a	n/a	n/a	n/a	
09/01/2003	12:00 AM	5.69 in.	Paris	n/a	n/a	n/a	n/a	
11/17/2003	9:00 PM	2.01 in.	Paris	n/a	n/a	n/a	n/a	
12/22/2003	2:00 PM	1.55 in.	Paris	n/a	n/a	n/a	n/a	
05/30/2004	3:00 AM	2.56 in.	Paris	n/a	n/a	n/a	n/a	
01/02/2005	3:30 PM	2.56 in.	Paris	n/a	n/a	n/a	n/a	
01/04/2005	3:00 PM	2.48 in.	Paris	n/a	n/a	n/a	n/a	
07/21/2005	9:30 PM	2.18 in.	Paris	n/a	n/a	n/a	n/a	
08/18/2005	10:30 PM	1.50 in.	Paris	n/a	n/a	n/a	n/a	
09/25/2005	10:00 AM	1.58 in.	Paris	n/a	n/a	n/a	n/a	

[1] Observed Location information was obtained from NWS's COOP Observation Station records as well as other officially-designated sources identified in NOAA's Storm Events Database.

Table 3
Severe Storms - Heavy Rain Events Reported in Edgar County
2000 - 2021

Date(s)	Start Time	Magnitude Rainfall (inches)	Observed Location(s)[1]	Injuries	Fatalities	Property Damages	Crop Damages	Impacts/Event Description
05/10/2006	12:30 PM	2.75 in.	Paris	n/a	n/a	n/a	n/a	
06/18/2006	2:00 PM	4.27 in.	Paris	n/a	n/a	n/a	n/a	
07/20/2006	7:30 AM	1.87 in.	Paris	n/a	n/a	n/a	n/a	
10/16/2006	8:30 PM	1.54 in.	Paris	n/a	n/a	n/a	n/a	
06/23/2007	5:30 PM	1.74 in.	Paris	n/a	n/a	n/a	n/a	
08/24/2007	4:00 PM	3.35 in.	Paris	n/a	n/a	n/a	n/a	
10/17/2007	1:30 PM	3.05 in.	Paris	n/a	n/a	n/a	n/a	
06/03/2008	12:30 AM	5.25 in.	Paris	n/a	n/a	n/a	n/a	
06/06/2008	4:00 PM	4.62 in.	Paris	n/a	n/a	n/a	n/a	
09/03/2008	4:00 PM	3.00 in.	Paris	n/a	n/a	n/a	n/a	
12/28/2008	n/a	1.50 in.	Paris	n/a	n/a	n/a	n/a	
02/11/2009	n/a	3.45 in.	Paris	n/a	n/a	n/a	n/a	
05/14/2009	n/a	1.95 in.	Paris	n/a	n/a	n/a	n/a	
05/16/2009	n/a	1.61 in.	Paris	n/a	n/a	n/a	n/a	
07/05/2009	n/a	1.69 in.	Paris	n/a	n/a	n/a	n/a	
08/29/2009	n/a	1.98 in.	Paris	n/a	n/a	n/a	n/a	
10/09/2009	n/a	1.96 in.	Paris	n/a	n/a	n/a	n/a	
06/14/2010	n/a	3.28 in.	Paris	n/a	n/a	n/a	n/a	
07/20/2010	n/a	1.60 in.	Paris	n/a	n/a	n/a	n/a	
02/22/2011	n/a	1.50 in.	Paris	n/a	n/a	n/a	n/a	
02/28/2011	n/a	3.00 in.	Paris	n/a	n/a	n/a	n/a	
04/19/2011	n/a	3.61 in.	Paris	n/a	n/a	n/a	n/a	
04/26/2011	n/a	1.51 in.	Paris	n/a	n/a	n/a	n/a	
04/28/2011	n/a	1.64 in.	Paris	n/a	n/a	n/a	n/a	
05/26/2011	n/a	2.24 in.	Paris	n/a	n/a	n/a	n/a	
06/27/2011	n/a	2.35 in.	Paris	n/a	n/a	n/a	n/a	

[1] Observed Location information was obtained from NWS's COOP Observation Station records as well as other officially-designated sources identified in NOAA's Storm Events Database.

Table 3
Severe Storms - Heavy Rain Events Reported in Edgar County
2000 - 2021

Date(s)	Start Time	Magnitude Rainfall (inches)	Observed Location(s)[1]	Injuries	Fatalities	Property Damages	Crop Damages	Impacts/Event Description
07/03/2011	n/a	2.00 in.	Chrisman Paris	n/a	n/a	n/a	n/a	
07/30/2011	n/a	1.75 in.	Paris	n/a	n/a	n/a	n/a	
10/20/2011	n/a	1.50 in.	Paris	n/a	n/a	n/a	n/a	
11/29/2011	n/a	2.97 in.	Chrisman Paris	n/a	n/a	n/a	n/a	
12/15/2011	n/a	1.50 in.	Chrisman	n/a	n/a	n/a	n/a	
08/17/2012	n/a	2.05 in.	Chrisman Paris	n/a	n/a	n/a	n/a	
09/08/2012	n/a	1.91 in.	Chrisman	n/a	n/a	n/a	n/a	
01/31/2013	n/a	1.54 in.	Paris	n/a	n/a	n/a	n/a	
04/19/2013	n/a	1.81 in.	Chrisman Paris	n/a	n/a	n/a	n/a	
04/24/2013	n/a	1.63 in.	Paris	n/a	n/a	n/a	n/a	
07/11/2013	n/a	1.82 in.	Chrisman	n/a	n/a	n/a	n/a	
07/22/2013	n/a	2.68 in.	Chrisman Paris	n/a	n/a	n/a	n/a	
11/01/2013	n/a	2.58 in.	Paris	n/a	n/a	n/a	n/a	
12/22/2013	n/a	1.57 in.	Chrisman Paris	n/a	n/a	n/a	n/a	
02/02/2014	n/a	1.60 in.	Paris	n/a	n/a	n/a	n/a	
03/12/2014	n/a	1.53 in.	Paris	n/a	n/a	n/a	n/a	
06/11/2014	n/a	1.91 in.	Chrisman Paris	n/a	n/a	n/a	n/a	
07/01/2014	n/a	2.11 in.	Chrisman	n/a	n/a	n/a	n/a	

[1] Observed Location information was obtained from NWS's COOP Observation Station records as well as other officially-designated sources identified in NOAA's Storm Events Database.

Table 3
Severe Storms - Heavy Rain Events Reported in Edgar County
2000 - 2021

Date(s)	Start Time	Magnitude Rainfall (inches)	Observed Location(s)[1]	Injuries	Fatalities	Property Damages	Crop Damages	Impacts/Event Description
10/02/2014	n/a	4.41 in.	Chrisman Paris	n/a	n/a	n/a	n/a	
06/08/2015	n/a	1.91 in.	Chrisman Paris	n/a	n/a	n/a	n/a	
06/19/2015	n/a	2.40 in.	Chrisman Paris	n/a	n/a	n/a	n/a	
06/25/2015	n/a	1.75 in.	Chrisman	n/a	n/a	n/a	n/a	
11/18/2015	n/a	1.60 in.	Paris	n/a	n/a	n/a	n/a	
11/28/2015	n/a	1.65 in.	Paris	n/a	n/a	n/a	n/a	
12/27/2015	n/a	6.87 in.	Chrisman Paris	n/a	n/a	n/a	n/a	
04/27/2016	n/a	3.35 in.	Paris	n/a	n/a	n/a	n/a	
06/05/2016	n/a	1.55 in.	Paris	n/a	n/a	n/a	n/a	
07/13/2016	n/a	2.90 in.	Chrisman	n/a	n/a	n/a	n/a	
08/16/2016	n/a	3.45 in.	Chrisman Paris	n/a	n/a	n/a	n/a	
04/29/2017	n/a	3.70 in.	Chrisman Paris	n/a	n/a	n/a	n/a	
05/04/2017	n/a	3.30 in.	Chrisman Paris	n/a	n/a	n/a	n/a	
05/25/2017	n/a	1.68 in.	Chrisman	n/a	n/a	n/a	n/a	
06/15/2017	n/a	2.40 in.	Chrisman Paris	n/a	n/a	n/a	n/a	
10/05/2017	n/a	1.50 in.	Paris	n/a	n/a	n/a	n/a	
02/21/2018	n/a	1.62 in.	Chrisman	n/a	n/a	n/a	n/a	

[1] Observed Location information was obtained from NWS's COOP Observation Station records as well as other officially-designated sources identified in NOAA's Storm Events Database.

Table 3
Severe Storms - Heavy Rain Events Reported in Edgar County
2000 - 2021

Date(s)	Start Time	Magnitude Rainfall (inches)	Observed Location(s)[1]	Injuries	Fatalities	Property Damages	Crop Damages	Impacts/Event Description
04/03/2018	n/a	3.91 in.	Chrisman Paris	n/a	n/a	n/a	n/a	
05/31/2018	n/a	2.00 in.	Chrisman Paris	n/a	n/a	n/a	n/a	
06/10/2018	n/a	2.51 in.	Chrisman Paris	n/a	n/a	n/a	n/a	
07/31/2018	n/a	1.84 in.	Paris	n/a	n/a	n/a	n/a	
09/08/2018	n/a	3.99 in.	Chrisman Paris	n/a	n/a	n/a	n/a	
09/25/2018	n/a	2.53 in.	Chrisman Paris	n/a	n/a	n/a	n/a	
06/16/2019	n/a	3.90 in.	Chrisman Paris	n/a	n/a	n/a	n/a	
08/13/2019	n/a	1.65 in.	Paris	n/a	n/a	n/a	n/a	
10/27/2019	n/a	1.76 in.	Chrisman Paris	n/a	n/a	n/a	n/a	
01/10/2020	n/a	3.07 in.	Paris	n/a	n/a	n/a	n/a	
06/04/2020	n/a	3.84 in.	Chrisman Paris	n/a	n/a	n/a	n/a	
07/09/2020	n/a	2.63 in.	Chrisman Paris	n/a	n/a	n/a	n/a	
07/12/2020	n/a	1.90 in.	Chrisman	n/a	n/a	n/a	n/a	
07/20/2020	n/a	6.77 in.	Chrisman Paris	n/a	n/a	n/a	n/a	
07/22/2020	n/a	1.88 in.	Paris	n/a	n/a	n/a	n/a	

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Table 3
Severe Storms - Heavy Rain Events Reported in Edgar County
2000 - 2021

Date(s)	Start Time	Magnitude Rainfall (inches)	Observed Location(s)[1]	Injuries	Fatalities	Property Damages	Crop Damages	Impacts/Event Description
10/21/2020	n/a	3.46 in.	Chrisman Paris	n/a	n/a	n/a	n/a	
06/19/2021	n/a	3.56 in.	Paris	n/a	n/a	n/a	n/a	
06/28/2021	n/a	2.35 in.	Chrisman Paris	n/a	n/a	n/a	n/a	
07/25/2021	n/a	1.50 in.	Chrisman Paris	n/a	n/a	n/a	n/a	
08/31/2021	n/a	1.62 in.	Paris	n/a	n/a	n/a	n/a	
10/15/2021	n/a	1.71 in.	Chrisman Paris	n/a	n/a	n/a	n/a	
GRAND TOTAL:				**0**	**0**	**$0**	**$0**	

Sources: Midwestern Regional Climate Center, cli-MATE.
NOAA, National Environmental Satellite, Data & Information Service, National Centers for Environmental Information, Cooperative Observation Forms.
NOAA, National Environmental Satellite, Data & Information Service, National Centers for Environmental Information, Storm Events Database.

[1] Observed Location information was obtained from NWS's COOP Observation Station records as well as other officially-designated sources identified in NOAA's Storm Events Database.

Table 4
Severe Winter Storm Events Reported in Edgar County
1950 - 2021

Date(s)	Start Time	Event Type	Magnitude[1]					Observed Location(s)[2]	Injuries	Fatalities	Property Damages	Impacts/ Event Description
			Snow (inches)	Freezing Rain (inches)	Ice (inches)	Sleet (Inches)	Strong Wind (mph)					
12/11/1950	n/a	Heavy Snow	5.0 in.					Paris	n/a	n/a	n/a	
11/05/1951 thru 11/06/1951	10:00 PM	Heavy Snow	6.0 in.					Paris	n/a	n/a	n/a	
02/28/1953	3:00 PM	Heavy Snow	5.0 in.					Paris	n/a	n/a	n/a	
03/10/1959	n/a	Heavy Snow	5.5 in.					Paris	n/a	n/a	n/a	
02/24/1960 thru 02/25/1960	n/a	Heavy Snow	7.5 in.					Paris	n/a	n/a	n/a	
03/02/1960 thru 03/03/1960	n/a	Heavy Snow	9.0 in.					Paris	n/a	n/a	n/a	
03/09/1960	n/a	Heavy Snow	5.0 in.					Paris	n/a	n/a	n/a	
12/11/1960	n/a	Heavy Snow	5.5 in.					Paris	n/a	n/a	n/a	
12/20/1960	n/a	Heavy Snow	6.0 in.					Paris	n/a	n/a	n/a	
02/03/1961	n/a	Heavy Snow	4.0 in.					Paris	n/a	n/a	n/a	
01/19/1962	n/a	Heavy Snow	4.5 in.					Paris	n/a	n/a	n/a	
02/23/1962	10:30 AM	Heavy Snow	5.0 in.					Paris	n/a	n/a	n/a	
01/11/1964 thru 01/13/1964	9:00 PM	Winter Storm	7.5 in.				X	Paris	n/a	n/a	n/a	drifting snow - windy; driving conditions bad
02/15/1964	12:00 PM	Heavy Snow	5.0 in.					Paris	n/a	n/a	n/a	
03/10/1964	9:00 AM	Heavy Snow	5.0 in.					Paris	n/a	n/a	n/a	

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Table 4
Severe Winter Storm Events Reported in Edgar County
1950 - 2021

Date(s)	Start Time	Event Type	Magnitude[1]					Observed Location(s)[2]	Injuries	Fatalities	Property Damages	Impacts/ Event Description
			Snow (inches)	Freezing Rain (inches)	Ice (inches)	Sleet (Inches)	Strong Wind (mph)					
01/14/1965 thru 01/15/1965	7:30 PM	Heavy Snow	8.5 in.					Paris	n/a	n/a	n/a	drifting; roads very bad
02/24/1965 thru 02/25/1965	8:30 AM	Winter Storm	7.0 in.				X	Paris	n/a	n/a	n/a	windy & drifting snow; roads closed
02/01/1966	12:00 AM	Heavy Snow	5.0 in.					Paris	n/a	n/a	n/a	
01/13/1968 thru 01/14/1968	12:30 AM	Heavy Snow	13.0 in.					Paris	n/a	n/a	n/a	
03/11/1968 thru 03/12/1968	11:30 PM	Heavy Snow	5.0 in.					Paris	n/a	n/a	n/a	
12/22/1969 thru 12/23/1969	11:00 PM	Heavy Snow	7.0 in.					Paris	n/a	n/a	n/a	
12/30/1969 thru 12/31/1969	3:30 PM	Heavy Snow	10.0 in.					Paris	n/a	n/a	n/a	
01/30/1971	4:00 AM	Heavy Snow	4.0 in.					Paris	n/a	n/a	n/a	
02/12/1971	6:00 AM	Heavy Snow	6.0 in.					Paris	n/a	n/a	n/a	

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Table 4
Severe Winter Storm Events Reported in Edgar County
1950 - 2021

Date(s)	Start Time	Event Type	Magnitude[1]					Observed Location(s)[2]	Injuries	Fatalities	Property Damages	Impacts/ Event Description
			Snow (inches)	Freezing Rain (inches)	Ice (inches)	Sleet (Inches)	Strong Wind (mph)					
12/19/1973 thru 12/20/1973	12:00 AM	Heavy Snow	20.0 in.					Paris	n/a	n/a	n/a	some roads closed; some drifting
12/30/1973 thru 12/31/1973	1:00 PM	Heavy Snow	11.5 in.					Paris	n/a	n/a	n/a	
02/24/1974	12:00 AM	Heavy Snow	9.0 in.					Paris	n/a	n/a	n/a	some drifting of roads
03/23/1974	12:00 PM	Heavy Snow	7.0 in.					Paris	n/a	n/a	n/a	
02/08/1975	9:00 AM	Heavy Snow	5.5 in.					Paris	n/a	n/a	n/a	
11/26/1975	12:00 PM	Heavy Snow	5.5 in.					Paris	n/a	n/a	n/a	
12/25/1975 thru 12/26/1975	3:00 AM	Heavy Snow	8.0 in.					Paris	n/a	n/a	n/a	
03/16/1976	6:00 AM	Heavy Snow	4.0 in.					Paris	n/a	n/a	n/a	
01/05/1977	n/a	Heavy Snow	6.0 in.					Paris	n/a	n/a	n/a	
01/09/1977 thru 01/10/1977	10:00 AM	Heavy Snow	7.0 in.					Paris	n/a	n/a	n/a	
12/05/1977	3:00 AM	Heavy Snow	8.0 in.					Paris	n/a	n/a	n/a	
01/16/1978 thru 01/17/1978	3:00 AM	Heavy Snow	9.0 in.					Paris	n/a	n/a	n/a	

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Severe Winter Storm Events Reported in Edgar County
1950 - 2021

Date(s)	Start Time	Event Type	Magnitude[1]					Observed Location(s)[2]	Injuries	Fatalities	Property Damages	Impacts/ Event Description
			Snow (inches)	Freezing Rain (inches)	Ice (inches)	Sleet (Inches)	Strong Wind (mph)					
01/24/1978 thru 01/25/1978	8:30 PM	Heavy Snow	5.0 in.					Paris	n/a	n/a	n/a	
01/26/1978	n/a	Blizzard	7.0 in.				60 mph	Paris	n/a	n/a	n/a	blizzard, all roads closed
03/02/1978	10:30 AM	Heavy Snow	7.0 in.					Paris	n/a	n/a	n/a	
03/07/1978 thru 03/08/1978	12:30 AM	Heavy Snow	15.0 in.					Paris	n/a	n/a	n/a	
03/24/1978	8:00 AM	Ice Storm			X	X	30 mph	Paris	n/a	n/a	n/a	very severe ice storm; power outages
01/20/1979 thru 01/21/1979	10:30 PM	Heavy Snow	4.5 in.					Paris	n/a	n/a	n/a	
01/23/1979 thru 01/24/1979	5:00 PM	Winter Storm	6.0 in.		X			Paris	n/a	n/a	n/a	
01/27/1979 thru 01/28/1979	6:00 AM	Heavy Snow	8.5 in.					Paris	n/a	n/a	n/a	
02/18/1979	12:30 AM	Heavy Snow	5.5 in.					Paris	n/a	n/a	n/a	
02/29/1980 thru 03/01/1980	7:00 PM	Heavy Snow	5.5 in.					Paris	n/a	n/a	n/a	

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1950 - 2021

Date(s)	Start Time	Event Type	Magnitude[1]					Observed Location(s)[2]	Injuries	Fatalities	Property Damages	Impacts/ Event Description
			Snow (inches)	Freezing Rain (inches)	Ice (inches)	Sleet (Inches)	Strong Wind (mph)					
11/27/1980	12:00 AM	Winter Storm	8.0 in.			X		Paris	n/a	n/a	n/a	
02/09/1981 thru 02/11/1981	10:30 PM	Winter Storm	8.5 in.			X		Paris	n/a	n/a	n/a	
12/16/1981 thru 12/17/1981	2:30 PM	Heavy Snow	8.0 in.					Paris	n/a	n/a	n/a	
01/12/1982	3:00 PM	Heavy Snow	6.5 in.					Paris	n/a	n/a	n/a	
02/08/1982 thru 02/09/1982	5:30 PM	Heavy Snow	4.5 in.					Paris	n/a	n/a	n/a	
02/27/1984 thru 02/28/1984	5:00 AM	Heavy Snow	16.5 in.					Paris	n/a	n/a	n/a	blowing & drifting snow; roads closed
03/08/1984	2:00 AM	Heavy Snow	5.5 in.					Paris	n/a	n/a	n/a	
03/12/1984	1:00 PM	Heavy Snow	5.0 in.					Paris	n/a	n/a	n/a	
02/09/1985 thru 02/11/1985	8:30 PM	Winter Storm	7.0 in.	X		X	X	Paris	n/a	n/a	n/a	
02/23/1986	11:00 AM	Heavy Snow	8.0 in.					Paris	n/a	n/a	n/a	
01/09/1987	8:30 AM	Winter Storm	9.0 in.			X		Paris	n/a	n/a	n/a	
01/19/1987	12:00 AM	Heavy Snow	5.0 in.					Paris	n/a	n/a	n/a	
12/14/1987	12:00 PM	Winter Storm	5.0 in.			X		Paris	n/a	n/a	n/a	

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Severe Winter Storm Events Reported in Edgar County
1950 - 2021

Date(s)	Start Time	Event Type	Magnitude[1]					Observed Location(s)[2]	Injuries	Fatalities	Property Damages	Impacts/ Event Description
			Snow (inches)	Freezing Rain (inches)	Ice (inches)	Sleet (Inches)	Strong Wind (mph)					
12/27/1988 thru 12/28/1988	8:00 AM	Winter Storm	7.0 in.			X		Paris	n/a	n/a	n/a	
02/04/1989 thru 02/05/1989	1:00 PM	Heavy Snow	6.0 in.					Paris	n/a	n/a	n/a	
03/05/1989 thru 03/06/1989	3:00 PM	Winter Storm	6.0 in.		X	X		Paris	n/a	n/a	n/a	
12/15/1989	n/a	Heavy Snow	4.0 in.					Paris	n/a	n/a	n/a	
02/14/1990 thru 02/15/1990	n/a	Ice Storm		X	X	X	40 mph		n/a	n/a	n/a	***This event was part of a federally-declared disaster (Declaration #860)***
12/27/1990	9:30 AM	Winter Storm	5.0 in.			X		Paris	n/a	n/a	n/a	
01/25/1991 thru 01/26/1991	7:30 PM	Heavy Snow	6.5 in.					Paris	n/a	n/a	n/a	
01/09/1993 thru 01/10/1993	5:00 PM	Heavy Snow	5.5 in.					Paris	n/a	n/a	n/a	
02/15/1993 thru 02/16/1993	4:00 PM	Heavy Snow	6.5 in.					Paris	n/a	n/a	n/a	

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1950 - 2021

Date(s)	Start Time	Event Type	Magnitude[1]					Observed Location(s)[2]	Injuries	Fatalities	Property Damages	Impacts/ Event Description
			Snow (inches)	Freezing Rain (inches)	Ice (inches)	Sleet (Inches)	Strong Wind (mph)					
02/25/1993 thru 02/26/1993	5:00 AM	Heavy Snow	7.8 in.					Paris	n/a	n/a	n/a	
01/16/1994 thru 01/17/1994	12:00 PM	Heavy Snow	7.5 in.					Paris	n/a	n/a	n/a	
12/18/1995 thru 12/19/1995	n/a	Winter Storm	8.1 in.				30 mph	Paris	n/a	n/a	n/a	
01/02/1996 thru 01/03/1996	2:00 AM	Winter Storm	8.0 in.				40 mph	Paris	n/a	n/a	n/a	
01/04/1996	3:00 AM	Heavy Snow	6.5 in.					Paris	n/a	n/a	n/a	
01/18/1996 thru 01/19/1996	10:00 AM	Winter Storm	X		X		35 mph		n/a	n/a	n/a	
03/19/1996 thru 03/20/1996	12:00 AM	Winter Storm	6.5 in.				X	Paris	n/a	n/a	n/a	
11/25/1996	10:00 AM	Winter Storm	X	X	X	X	30 mph		n/a	n/a	n/a	
12/05/1996	2:30 AM	Heavy Snow	5.5 in.					Paris	n/a	n/a	n/a	

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Severe Winter Storm Events Reported in Edgar County
1950 - 2021

Date(s)	Start Time	Event Type	Magnitude[1]					Observed Location(s)[2]	Injuries	Fatalities	Property Damages	Impacts/ Event Description
			Snow (inches)	Freezing Rain (inches)	Ice (inches)	Sleet (Inches)	Strong Wind (mph)					
01/08/1997 thru 01/09/1997	9:00 PM	Heavy Snow	9.5 in.					Paris	n/a	n/a	n/a	
01/15/1997 thru 01/17/1997	3:00 AM	Winter Storm	4.0 in.		X	X		Paris	n/a	n/a	n/a	
12/30/1998 thru 12/31/1998	4:00 PM	Winter Storm	4.5 in.			X		Paris	n/a	n/a	n/a	
01/01/1999 thru 01/03/1999	12:00 PM	Heavy Snow	10.0 in.					Paris	n/a	n/a	n/a	
01/13/1999	4:00 AM	Ice Storm			0.5 in				n/a	n/a	n/a	Ice caused widespread power outages and numerous car accidents
01/30/2000	n/a	Heavy Snow	5.0 in.					Paris	n/a	n/a	n/a	
03/11/2000	6:00 AM	Heavy Snow	7.0 in.					Paris	n/a	n/a	n/a	
12/13/2000	5:00 PM	Winter Storm	8.0 in.	X		X		Paris	n/a	n/a	n/a	
03/25/2002 thru 03/26/2002	9:00 PM	Winter Storm	3.5 in.	X	0.5 in.	X		Paris	n/a	n/a	n/a	

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Date(s)	Start Time	Event Type	Magnitude[1]					Observed Location(s)[2]	Injuries	Fatalities	Property Damages	Impacts/ Event Description
			Snow (inches)	Freezing Rain (inches)	Ice (inches)	Sleet (Inches)	Strong Wind (mph)					
12/24/2002 thru 12/25/2002	4:00 PM	Heavy Snow	7.0 in.					Paris	n/a	n/a	n/a	
12/22/2004 thru 12/23/2004	8:00 PM	Winter Storm	6.0 in.			X		Paris	n/a	n/a	n/a	
01/07/2005 thru 01/08/2005	9:30 PM	Winter Storm	5.0 in.			X		Paris	n/a	n/a	n/a	
12/08/2005	12:00 PM	Heavy Snow	4.5 in.					Paris	n/a	n/a	n/a	
03/21/2006	5:50 AM	Heavy Snow	8.0 in.					Paris	n/a	n/a	n/a	
02/06/2007 thru 02/07/2007	12:00 PM	Heavy Snow	5.0 in.					Paris	n/a	n/a	n/a	
02/12/2007 thru 02/13/2007	10:00 PM	Winter Storm	10.0 in.				X		n/a	n/a	n/a	Significant blowing and drifting snow occurred
01/26/2009 thru 01/28/2009	8:30 PM	Heavy Snow	9.0 in.						n/a	n/a	n/a	
02/06/2010	n/a	Heavy Snow	4.5 in.					Paris	n/a	n/a	n/a	

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Date(s)	Start Time	Event Type	Magnitude[1]					Observed Location(s)[2]	Injuries	Fatalities	Property Damages	Impacts/ Event Description
			Snow (inches)	Freezing Rain (inches)	Ice (inches)	Sleet (Inches)	Strong Wind (mph)					
12/03/2010 thru 12/04/2010	9:00 PM	Heavy Snow	5.0 in.					Paris	n/a	n/a	n/a	
02/01/2011 thru 02/02/2011	1:00 PM	Winter Storm	5.0 in.		0.5 in.	3.0 in.			n/a	n/a	$873,441	*Event Description Provided Below*
This event was part of a federally-declared disaster (Declaration #1960) -Numerous tree limbs and power lines were downed, causing widespread power outages across the County - Snow-covered and ice roads resulted in numerous traffic accidents *FEMA Public Assistance totals by Jursdiction* - Edgar County: $4,465 - Edgar County Highway Department: $1,573 - Brouilletts Creek Township: $843 - Chrisman Fire Protection District: $890 - Elbridge Township: $1,073 - Hunter Township: $1,828 - Paris, City of: $9,574 - Stratton Township: $3,195												
03/24/2013 thru 03/25/2013	10:00 AM	Heavy Snow	11.2 in.						n/a	n/a	n/a	The heavy snow led to the closing of many area schools and businesses and caused numerous traffic accidents across the area
12/14/2013	n/a	Heavy Snow	4.4 in.					Paris	n/a	n/a	n/a	
01/01/2014	9:00 PM	Heavy Snow	6.0 in.					Paris	n/a	n/a	n/a	

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Severe Winter Storm Events Reported in Edgar County
1950 - 2021

Date(s)	Start Time	Event Type	Magnitude[1]					Observed Location(s)[2]	Injuries	Fatalities	Property Damages	Impacts/ Event Description
			Snow (inches)	Freezing Rain (inches)	Ice (inches)	Sleet (Inches)	Strong Wind (mph)					
01/05/2014 thru 01/06/2014	8:00 AM	Heavy Snow	10.0 in.						n/a	n/a	n/a	The heavy snowfall along with significant blowing and drifting caused numerous road closures and traffic accidents across the county
02/04/2014 thru 02/05/2014	6:30 PM	Heavy Snow	6.2 in.						n/a	n/a	n/a	Numerous traffic accidents occurred due to snow-covered roads
02/16/2014	n/a	Heavy Snow	5.0 in.					Paris	n/a	n/a	$1,000	A residence on Crawford Street sustained damage according to the Paris Fire Department Committee Member
02/20/2015 thru 02/21/2015	10:15 PM	Winter Storm	8.0 in.				X		n/a	n/a	n/a	Numerous traffic accidents occurred due to snow-covered and hazardous roadways
02/28/2015 thru 03/01/2015	5:30 PM	Heavy Snow	6.5 in.						n/a	n/a	n/a	Numerous traffic accidents occurred due to snow-covered and hazardous roadways
02/24/2016	8:00 AM	Blizzard	6.0 in.				50 mph	Paris	n/a	n/a	n/a	*Event Description Provided Below*

[1] An "X" in the snow, freezing rain, ice, sleet and/or strong winds columns indicates the presences of that weather condition during the severe winter storm event.

[2] Observed Location information, if available, was obtained from NWS's COOP Observation Station records as well as other officially-designated sources identified in NOAA's Storm Events Database.

Table 4
Severe Winter Storm Events Reported in Edgar County
1950 - 2021

Date(s)	Start Time	Event Type	Magnitude[1]					Observed Location(s)[2]	Injuries	Fatalities	Property Damages	Impacts/ Event Description
			Snow (inches)	Freezing Rain (inches)	Ice (inches)	Sleet (Inches)	Strong Wind (mph)					
- Snow-covered roads and poor visibility due to falling and blowing snow contributed to numerous traffic accidents across the County, especially on US-150 and US-36								- Many trees and power lines were blown down, resulting in scattered power outages				
01/11/2019 thru 01/13/2019	11:30 PM	Heavy Snow	7.0 in.					Paris	n/a	n/a	n/a	Numerous traffic accidents occurred due to snow-covered roads
12/15/2019 thru 12/17/2019	2:30 PM	Heavy Snow	6.3 in.					Brocton	n/a	n/a	n/a	Numerous traffic accidents occurred due to snow-covered and slick roads
02/14/2021 thru 02/16/2021	8:30 PM	Heavy Snow	9.0 in.					Paris	n/a	n/a	n/a	Numerous traffic accidents occurred due to snow-covered and hazardous roads
GRAND TOTAL:									**0**	**0**	**$874,441**	

Sources: Edgar County Multi-Jurisdictional All Hazards Mitigation Planning Committee Member responses to Natural Hazard Events Questionnaire.
Illinois Emergency Management Agency.
Midwestern Regional Climate Center, cli-MATE.
NOAA, National Environmental Satellite, Data & Information Service, National Centers for Environmental Information, Cooperative Observation Forms.
NOAA, National Environmental Satellite, Data & Information Service, National Centers for Environmental Information, Storm Data.

[1] An "X" in the snow, freezing rain, ice, sleet and/or strong winds columns indicates the presences of that weather condition during the severe winter storm event.

[2] Observed Location information, if available, was obtained from NWS's COOP Observation Station records as well as other officially-designated sources identified in NOAA's Storm Events Database.

Table 5
General Flood Events Reported in Edgar County
2008 - 2021

Date(s)	Start Time	Water Body	Location(s)	Impacts[1]			Injuries	Fatalities	Property Damages	Crop Damages	Impacts/ Event Description
				Home	Business	Infra-structure					
06/4/2008 thru 06/18/2008	11:00 PM	area rivers, streams & creeks	countywide	X	X	X	n/a	n/a	$ 1,188,598	n/a	*Event Description Provided Below*
This event was part of a federally-declared disaster (Declaration #1771) - Widespread flooding impacted about 200 homes and businesses in the County *FEMA Public Assistance totals by Jursdiction* - Edgar County Highway Department: $13,962 - Brocton Fire Protection District: $7,251 - Brouilletts Township Road District: $44,174 - Buck Township: $19,375 - Chrisman, City of: $35,182 - Edgar Township Road District: $16,405 - Elbridge Township Road & Bridge District: $93,098 - Hunter Township Road District: $73,979 - Kansas Drainage District #2: $4,275 - Kansas Township Road District: $12,846 - Paris, City of: $88,102 - Paris Township Road District: $14,797 - Paris Union School District #95: $46,777 - Prairie Township Road District: $18,375											
05/14/2009 thru 05/16/2009	n/a	area streams & creeks	countywide	n/a	n/a	X	n/a	n/a	n/a	n/a	Roads and ditches were flooded, with some roads closed due to the excessive water on the roads
04/26/2011	n/a	area streams & creeks	countywide	n/a	n/a	X	n/a	n/a	n/a	n/a	Local law enforcement officials reproted water over some roads & EMA reported water flooding many areas, especially low-lying areas
06/01/2013	n/a	area streams & creeks	southern portion of county	n/a	n/a	n/a	n/a	n/a	n/a	n/a	

[1] An "X" in the columns of Home, Business and Infrastructure indicates impacts occurred to those structure/infrastructure types during a general flood event. A detailed description of the type and magnitude of the impacts are included in the Impacts/Event Description column if available.

Table 5
General Flood Events Reported in Edgar County
2008 - 2021

Date(s)	Start	Water	Location(s)	Impacts[1]			Injuries	Fatalities	Property	Crop	Impacts/
02/21/2014	n/a	area streams & creeks	countywide	n/a	n/a	X	n/a	n/a	n/a	n/a	Local law enforcement officials reported rural raods were flooded
06/19/2015 thru 06/20/2015	5:30 PM	area streams & creeks	southern portion of county	n/a	n/a	X	n/a	n/a	n/a	n/a	- A few creeks flooded out of their banks - Extensive flooding of rural roads in the southern part of the Coutny was reported
12/27/2015 thru 12/31/2015	n/a	area rivers, streams & creeks	countywide	n/a	n/a	X	n/a	n/a	n/a	n/a	- Several roads had water flowing over them, with some of them impassable - Many secondary roads were closed, especially where they cross creeks and streams
04/30/2017 thru 05/01/2017	n/a	area streams & creeks	southern portion of county	n/a	n/a	X	n/a	n/a	n/a	n/a	Most rural roads and highways in the southern part of the County from Kansas to Vermilion were inundated, including IL Route 49 which closed near Kansas due to flowing water
05/04/2017 thru 05/06/2017	2:45 PM	area streams & creeks	northwestern portion of county	n/a	n/a	X	n/a	n/a	n/a	n/a	- Most roads were impassable and numerous creeks rapidly flooded - nearly all rural roads were under water north of US Route 36
02/21/2018	n/a	area streams & creeks	countywide	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
04/03/2018 thru 04/04/2018	n/a	area streams & creeks	countywide	n/a	n/a	n/a	n/a	n/a	n/a	n/a	

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Table 5
General Flood Events Reported in Edgar County
2008 - 2021

Date(s)	Start	Water	Location(s)	Impacts[1]			Injuries	Fatalities	Property	Crop	Impacts/
01/11/2020	n/a	area streams & creeks	northern portion of county	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
GRAND TOTAL:							**0**	**0**	**$ 1,188,598**	**$ -**	

Sources: Illinois Emergency Management Agency.
Iowa State University, Iowa Environmental Mesonet, National Weather Service Data, Search for Warnings.
NOAA, National Environmental Satellite, Data & Information Service, National Centers for Environmental Information, Storm Data.
NOAA, National Environmental Satellite, Data & Information Service, National Centers for Environmental Information, Storm Events Database.

[1] An "X" in the columns of Home, Business and Infrastructure indicates impacts occurred to those structure/infrastructure types during a general flood event. A detailed description of the type and magnitude of the impacts are included in the Impacts/Event Description column if available.

Table 6
Flash Flood Events Reported in Edgar County
1990 - 2021

Date(s)	Start Time	Location(s)	Impacts[1]			Injuries	Fatalities	Property Damages	Crop Damages	Impacts/ Event Description
			Home	Business	Infra-structure					
06/20/1990	n/a	countywide	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
12/29/1990	n/a	countywide	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
06/14/1996	n/a	countywide	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
05/19/1998	6:27 PM	northern portion of county	X	n/a	X	n/a	n/a	n/a	n/a	*Event Description Provided Below*
- A series of thunderstorms moved across extreme southeastern Champaign, southern Vermilion, and northern Edgar counties over a three hour period						- The storms dumped between 2.5 and 5 inches of rain during that time causing numerous roads in the area to be flooded Chrisman - Between 25 to 30 basements in Chrisman were flooded causing extensive damage				
06/24/2000	9:45 PM	countywide	X	n/a	X	n/a	n/a	n/a	n/a	- Persistent thunderstorm activity across mainly the southern part of the county resulted in heavy rainfall over already saturated ground - Numerous streets were reported temporarily flooded in Kansas and Vermillion as well as in Paris, where numerous basements were also reported flooded
07/11/2000	12:00 AM	Paris Paris^	n/a	n/a	X	n/a	n/a	n/a	n/a	- Rainfall, totalling over 2 inches in some areas on recently saturated ground caused flash flooding mainly in the Paris area - County roads were reported underwater for several hours - A police vehicle was reported flooded out in the area
08/02/2000	n/a	southern portion of county	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
02/09/2001	1:45 PM	Paris Kansas	n/a	n/a	X	n/a	n/a	n/a	n/a	Streets in Paris and Kansas were reported under water as a result of 1 to 3 inches of rain falling on frozen ground

^ Flash flood event verified in the vicinity of this location(s).

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Flash Flood Events Reported in Edgar County
1990 - 2021

Date(s)	Start Time	Location(s)	Impacts[1]			Injuries	Fatalities	Property Damages	Crop Damages	Impacts/ Event Description
			Home	Business	Infra-structure					
05/16/2001	10:15 PM	Paris	n/a	n/a	X	n/a	n/a	n/a	n/a	- Over 2 inches of rain fell, resulting in street flooding - Several cars became stranded in the flood waters
06/19/2001	n/a	countywide	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
07/08/2001	11:20 PM	countywide	n/a	n/a	X	n/a	n/a	n/a	n/a	*Event Description Provided Below*
- Over 6 inches of rain fell in portions of the county during the period, especially in and around Kansas, where local residents reported nearly 8 inches of rain falling in the east part of the city - Numerous roads were reported flooded for several hours including the intersections of Routes 133 and 49, between Paris and Kansas, and Route 133 west of Redmon						- No roads were closed, but high water signs were posted for local motorists - Damage from the flooding was reported on the top of a concrete bridge south of Grandville, where a hole was created by the water - Several culverts were also washed away, including a 7 by 40 foot culvert in rural Edgar county - A school and a church were affected by the flooding in Kansas			
04/12/2002	4:15 PM	Paris	X	n/a	X	n/a	n/a	n/a	n/a	- Very heavy rainfall fell over a short amount of time - Numerous roads in the area were flooded as well as basements - Several people were rescued from their cars after driving into areas with water over the roads
04/21/2002	6:30 AM	Scottland^	n/a	n/a	X	n/a	n/a	n/a	n/a	***This event was part of a federally-declared disaster (Declaration #1416)*** Several rural roads north of Scottland had water covering the roads making them unpassable
04/27/2002	11:30 PM	Paris	n/a	n/a	X	n/a	n/a	n/a	n/a	***This event was part of a federally-declared disaster (Declaration #1416)*** Several roads had over a foot of water on them after very heavy rain fell in a short amount of time
05/01/2002	n/a	countywide	n/a	n/a	n/a	n/a	n/a	n/a	n/a	***This event was part of a federally-declared disaster (Declaration #1416)***

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Table 6
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Date(s)	Start Time	Location(s)	Impacts[1]			Injuries	Fatalities	Property Damages	Crop Damages	Impacts/ Event Description
			Home	Business	Infra-structure					
05/07/2002	5:00 AM	countywide	X	n/a	X	n/a	n/a	$508,798	n/a	*Event Description Provided Below*
This event was part of a federally-declared disaster (Declaration #1416) '- Numerous rural roads were flooded countywide - Several basements in the Paris area flooded - A 76-foot bridge south of Paris collapsed due to the flooding						*FEMA Public Assistance totals by Jursdiction* - Edgar County Highway Department: $7,188 - Brouilletts Creek Township: $3,074 - Buck Township: $2,007 - Edgar Township: $3,567 - Grandview Township: $2,138 - Kansas Township: $3,901 - Symmes Township: $1,923				
05/12/2002	n/a	countywide	n/a	n/a	n/a	n/a	n/a	n/a	n/a	***This event was part of a federally-declared disaster (Declaration #1416)***
07/22/2002	8:30 PM	Kansas Kansas^	n/a	n/a	X	n/a	n/a	n/a	n/a	Several inches of rain fell in a short amount of time, causing several roads in the Kansas area to have one to two feet of water flowing over them
05/10/2003	8:10 AM	Kansas Paris	n/a	n/a	X	n/a	n/a	n/a	n/a	Very heavy rain fell causing several roads to be flooded between Kansas and Paris.
07/05/2003	n/a	countywide	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
07/09/2003	n/a	countywide	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
06/12/2004	n/a	countywide	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
01/13/2005	n/a	countywide	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
05/11/2005	n/a	northern & central portion of county	n/a	n/a	n/a	n/a	n/a	n/a	n/a	

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Flash Flood Events Reported in Edgar County
1990 - 2021

Date(s)	Start Time	Location(s)	Impacts[1]			Injuries	Fatalities	Property Damages	Crop Damages	Impacts/ Event Description
			Home	Business	Infra-structure					
06/18/2006	4:45 PM	countywide	X	n/a	X	n/a	n/a	n/a	n/a	- Up to 5 inches of rain fell in approximately one hour and produced widespread flooding - Several roads in the county had one foot of water flowing over them for a time - A few basements were flooded in Paris
07/20/2006	n/a	southern portion of county	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
02/05/2008	n/a	countywide	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
06/03/2008	7:15 AM	Paris Paris^	n/a	n/a	X	n/a	n/a	n/a	n/a	***This event was part of a federally-declared disaster (Declaration #1771)*** Numerous streets were flooded in and around the City
06/03/2008	11:30 PM	countywide	X	n/a	X	n/a	n/a	n/a	n/a	***This event was part of a federally-declared disaster (Declaration #1771)*** There were numerous reports of flooded roads and basements across the County
05/14/2009	1:30 AM	countywide	n/a	n/a	X	n/a	n/a	n/a	n/a	Heavy rain of 2.50 to 4.00 inches within three hours produced significant flash flooding of most roads in the County
05/21/2010	12:30 PM	northwestern portion of county	n/a	n/a	X	n/a	n/a	n/a	n/a	Many rural roads were inundated by the flooding, particularly between the towns of Hume and Metcalf
06/12/2010	5:30 PM	northwestern portion of county	n/a	n/a	X	n/a	n/a	n/a	n/a	- More than 2.50 of rain fell in 1 1/2 hours in a small part of northern Edgar County - This made many rural roads impassable during the early evening

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Date(s)	Start Time	Location(s)	Impacts[1]			Injuries	Fatalities	Property Damages	Crop Damages	Impacts/ Event Description
			Home	Business	Infra-structure					
06/13/2010	4:45 PM	west-central portion of county	n/a	n/a	X	n/a	n/a	n/a	n/a	Numerous streets were impassable in the city of Paris, as were rural roads west of the city
06/14/2010	4:30 PM	northwestern portion of county	n/a	n/a	X	n/a	n/a	n/a	n/a	Heavy rains caused many rural roads to quickly flood and become impassable
06/22/2010	12:15 AM	northern portion of county	n/a	n/a	X	n/a	n/a	n/a	n/a	- Two rounds of heavy rain, measuring around 1.50 each time, resulted in flash flooding across a small part of northern Edgar County - Most rural roads were impassable due to the flooding - Several locations along U.S. Highway 36 and Illinois Route 1 were also closed due to the flooding
07/15/2010	5:30 PM	west-central portion of county	n/a	n/a	X	n/a	n/a	n/a	n/a	- Thunderstorms with heavy rainfall rates of 1.50 per hour for at least two hours produced flash flooding in much of west-central Edgar County - Many rural roads had six inches or more of flowing water during the early evening hours
04/19/2011	8:30 PM	southern portion of county	n/a	n/a	X	n/a	n/a	n/a	n/a	- Several thunderstorms produced heavy rainfall with totals of 2.50 to 4.00 inches in less than four hours in the southern half of Edgar County - Numerous roads in Paris, as well as outlying rural areas were flooded
04/25/2011	n/a	countywide	n/a	n/a	n/a	n/a	n/a	n/a	n/a	

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Date(s)	Start Time	Location(s)	Impacts[1]			Injuries	Fatalities	Property Damages	Crop Damages	Impacts/ Event Description
			Home	Business	Infra-structure					
06/27/2011	3:45 AM	southern portion of county	n/a	n/a	X	n/a	n/a	n/a	n/a	- Thunderstorms with heavy rainfall produced 2.50 to 3.50 of rain in southern Edgar County - Several rural roads were flooded and impassable as a result of the rainfall accumulations - Streets were also flooded in Paris, and standing water was reported along parts of U.S. Highway 150 and Illinois Routes 1, 16, 49 and 133 in southern Edgar County
07/02/2011	11:35 PM	northern portion of county	n/a	n/a	X	n/a	n/a	n/a	n/a	- Heavy rainfall amounts of 3.00 to 4.00 in a two hour period just before Midnight resulted in flash flooding of rural roads in a small part of northern Edgar County - Many of these roads were impassable during the night
06/26/2013	2:30 PM	southwestern portion of county	n/a	n/a	X	n/a	n/a	n/a	n/a	- Thunderstorms with heavy rainfall produced 3.00 to 5.00 inches of rain in extreme southwest Edgar County - Several rural roads south and southeast of the town of Kansas were impassable
02/20/2014	n/a	countywide	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
05/21/2014	8:30 PM	northern portion of county	n/a	n/a	X	n/a	n/a	n/a	n/a	- Persistent rain from numerous thunderstorms tracking over the same areas produced 3.00 to 4.00 inches in less than two hours in a portion of northern Edgar County - Most streets in Chrisman were flooded - U.S. Highways 150 and 36 were significantly impacted and traffic was stopped at times - Numerous rural roads were impassable and closed as a result

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1990 - 2021

Date(s)	Start Time	Location(s)	Impacts[1]			Injuries	Fatalities	Property Damages	Crop Damages	Impacts/ Event Description
			Home	Business	Infra-structure					
06/04/2014	3:00 AM	western portion of county	n/a	n/a	X	n/a	n/a	n/a	n/a	- Heavy rain accumulations of 2.00 to 3.00 in one hour resulted in flash flooding of mainly rural areas in extreme western Edgar County - Numerous rural roads were impassable and standing water was reported around the intersection of Illinois Routes 33 and 49
06/19/2015	6:30 AM	south-central portion of county	n/a	n/a	X	n/a	n/a	n/a	n/a	- Several periods of rainfall occurred as a result of the remnants of Tropical Storm Bill - Rainfall totals ranged from 2.00 to 3.00 on already saturated ground in south central Edgar County. - A few creeks flooded out of their banks - Extensive flooding of rural roads in the southern part of the county was reported
06/25/2015	n/a	northern portion of county	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
08/31/2015	n/a	southwestern portion of county	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
09/01/2015	n/a	southwestern portion of county	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
12/26/2015	n/a	northern portion of county	n/a	n/a	n/a	n/a	n/a	n/a	n/a	

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			Home	Business	Infra-structure					
09/01/2015	9:30 AM	southwestern portion of county	n/a	n/a	X	n/a	n/a	n/a	n/a	Slow moving thunderstorms produced 4.00 to 6.00 inches of rain in less than three hours during the morning resulting in the flash flooding of rural roads in the southwest corner of Edgar County
04/26/2016	3:45 PM	central & eastern portion of county	X	n/a	X	n/a	n/a	$250,000	n/a	- Thunderstorms along a nearly stationary front produced periods of heavy rain of 3.00 to 5.00 inches during a three hour period in central and eastern Edgar County, including the city of Paris - Many roads along and five north of U.S. Route 150 were closed between Paris and the Illinois/Indiana state line, where the water was up to three feet deep - A basement wall in a Paris home collapsed due to the water
07/13/2016	n/a	southern portion of county	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
08/26/2016	n/a	central portion of county	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
04/29/2017	8:30 PM	countywide	n/a	n/a	X	n/a	n/a	n/a	n/a	- Rain amounts of 3.00 to 4.00 inches in about a two hour period during the evening hours, on already saturated ground, resulted in flash flooding across Edgar County - Numerous streets in Paris were impassable - Most rural roads and highways in the southern part of the county from Kansas to Vermilion were inundated, including Illinois Route 49 which was closed near Kansas due to flowing water

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Date(s)	Start Time	Location(s)	Impacts[1]			Injuries	Fatalities	Property Damages	Crop Damages	Impacts/ Event Description
			Home	Business	Infra-structure					
05/04/2017	8:45 AM	countywide	n/a	n/a	X	n/a	n/a	n/a	n/a	- Heavy rainfall of 2.00 to 2.50 inches fell on already saturated ground resulting in flash flooding across most of Edgar County. - Officials reported that most roads were impassable and numerous creeks rapidly flooded - The heaviest rain was reported in the northwest corner of the county where nearly all rural roads were under water north of U.S. Highway 36
04/03/2018	n/a	southern portion of county	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
04/30/2019	n/a	eastern portion of county	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
06/19/2019	n/a	countywide	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
06/30/2019	n/a	countywide	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
08/18/2019	n/a	northeastern portion of county	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
06/03/2020	7:40 PM	east-central portion of county	n/a	n/a	X	n/a	n/a	n/a	n/a	Water was flowing across Illinois Route 1 near 1625 North
07/19/2020	4:30 PM	Chrisman Chrisman^	X	n/a	X	n/a	n/a	n/a	n/a	- Water was flowing across Route 36 both east and west of Chrisman - Two feet of water was standing in parts of Chrisman, and numerous basements were flooded.

^ Flash flood event verified in the vicinity of this location(s).

[1] An "X" in the columns of Home, Business and Infrastructure indicates impacts occurred to those structure/infrastructure types during a general flood event. A detailed description of the type and magnitude of the impacts are included in the Impacts/Event Description column if available.

Table 6
Flash Flood Events Reported in Edgar County
1990 - 2021

Date(s)	Start Time	Location(s)	Impacts[1]			Injuries	Fatalities	Property Damages	Crop Damages	Impacts/ Event Description
			Home	Business	Infra-structure					
07/19/2020	7:00 PM	southeastern portion of county	n/a	n/a	X	n/a	n/a	n/a	n/a	Water was flowing across 400 North just east of Nevins
06/19/2021	n/a	countywide	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
GRAND TOTAL:						**0**	**0**	**$758,798**	**$0**	

Sources: Illinois Emergency Management Agency.
Iowa State University, Iowa Environmental Mesonet, National Weather Service Data, Search for Warnings.
NOAA, National Environmental Satellite, Data & Information Service, National Centers for Environmental Information, Cooperative Observation Forms.
NOAA, National Environmental Satellite, Data & Information Service, National Centers for Environmental Information, Storm Events Database.

^ Flash flood event verified in the vicinity of this location(s).

[1] An "X" in the columns of Home, Business and Infrastructure indicates impacts occurred to those structure/infrastructure types during a general flood event. A detailed description of the type and magnitude of the impacts are included in the Impacts/Event Description column if available.

Table 7
Excessive Heat Events Reported in Edgar County
1994 - 2021

Date(s)	Start Time	Magnitude - Temperature °F			Observed Location(s)[1]	Injuries	Fatalities	Property Damages	Crop Damages	Impacts/Event Description
		Day (Max)	Night (Min)	Heat Index (Max)						
06/14/1994 thru 06/20/1994	n/a	95 °F	70 °F	n/a	Paris	n/a	n/a	n/a	n/a	
07/12/1995 thru 07/16/1995	n/a	96 °F	71 °F	n/a	Paris	n/a	n/a	n/a	n/a	
07/28/1995 thru 08/04/1995	n/a	92 °F	70 °F	n/a	Paris	n/a	n/a	n/a	n/a	
08/11/1995 thru 08/19/1995	n/a	94 °F	71 °F	n/a	Paris	n/a	n/a	n/a	n/a	
06/28/1996 thru 06/30/1996	n/a	92 °F	74 °F	n/a	Paris	n/a	n/a	n/a	n/a	
07/18/1996	n/a	93 °F	77 °F	n/a	Paris	n/a	n/a	n/a	n/a	
08/05/1996 thru 08/07/1996	n/a	94 °F	72 °F	n/a	Paris	n/a	n/a	n/a	n/a	
06/23/1997 thru 06/24/1997	n/a	91 °F	74 °F	n/a	Paris	n/a	n/a	n/a	n/a	
07/14/1997	n/a	92 °F	72 °F	n/a	Paris	n/a	n/a	n/a	n/a	
07/26/1997 thru 07/27/1997	9:00 AM	97 °F	76 °F	115 °F	Paris	n/a	n/a	n/a	n/a	

[1] Observed Location information, if available, was obtained from NWS's COOP Observation Station records as well as other officially-designated sources identified in NOAA's Storm Events Database and the Midwestern Regional Climate Center's cli-MATE data system.

Table 7
Excessive Heat Events Reported in Edgar County
1994 - 2021

Date(s)	Start Time	Magnitude - Temperature °F			Observed Location(s)[1]	Injuries	Fatalities	Property Damages	Crop Damages	Impacts/Event Description
		Day (Max)	Night (Min)	Heat Index (Max)						
06/26/1998 thru 06/28/1998	3:00 AM	94 °F	75 °F	110 °F	Paris	n/a	n/a	n/a	n/a	
07/19/1998	n/a	94 °F	77 °F	n/a	Paris	n/a	n/a	n/a	n/a	
08/24/1998	n/a	91 °F	73 °F	n/a	Paris	n/a	n/a	n/a	n/a	
06/09/1999 thru 06/10/1999	n/a	91 °F	72 °F	n/a	Paris	n/a	n/a	n/a	n/a	
07/03/1999 thru 07/05/1999	n/a	93 °F	76 °F	n/a	Paris	n/a	n/a	n/a	n/a	
07/16/1999	n/a	91 °F	74 °F	n/a	Paris	n/a	n/a	n/a	n/a	
07/18/1999 thru 07/31/1999	n/a	100 °F	70 °F	110 °F	Paris	n/a	n/a	n/a	n/a	
07/22/2001 thru 07/24/2001	n/a	93 °F	72 °F	n/a	Paris	n/a	n/a	n/a	n/a	
07/30/2001 thru 08/01/2001	n/a	91 °F	72 °F	n/a	Paris	n/a	n/a	n/a	n/a	
08/07/2001 thru 08/09/2001	n/a	92 °F	72 °F	n/a	Paris	n/a	n/a	n/a	n/a	

[1] Observed Location information, if available, was obtained from NWS's COOP Observation Station records as well as other officially-designated sources identified in NOAA's Storm Events Database and the Midwestern Regional Climate Center's cli-MATE data system.

Table 7
Excessive Heat Events Reported in Edgar County
1994 - 2021

Date(s)	Start Time	Magnitude - Temperature °F			Observed Location(s)[1]	Injuries	Fatalities	Property Damages	Crop Damages	Impacts/Event Description
		Day (Max)	Night (Min)	Heat Index (Max)						
07/08/2002 thru 07/09/2002	n/a	96 °F	70 °F	n/a	Paris	n/a	n/a	n/a	n/a	
07/01/2002 thru 07/04/2002	n/a	96 °F	70 °F	n/a	Paris	n/a	n/a	n/a	n/a	
07/17/2002 thru 07/22/2002	n/a	98 °F	69 °F	n/a	Paris	n/a	n/a	n/a	n/a	
07/27/2002 thru 07/28/2002	n/a	93 °F	73 °F	n/a	Paris	n/a	n/a	n/a	n/a	
07/31/2002 thru 08/05/2002	n/a	95 °F	69 °F	n/a	Paris	n/a	n/a	n/a	n/a	
07/04/2003	n/a	94 °F	75 °F	n/a	Paris	n/a	n/a	n/a	n/a	
08/21/2003	n/a	94 °F	74 °F	n/a	Paris	n/a	n/a	n/a	n/a	
08/25/2003 thru 08/28/2003	n/a	95 °F	69 °F	n/a	Paris	n/a	n/a	n/a	n/a	
06/24/2005 thru 06/29/2005	n/a	95 °F	70 °F	n/a	Paris	n/a	n/a	n/a	n/a	
07/19/2005 thru 07/26/2005	n/a	97 °F	68 °F	115 °F	Paris	n/a	n/a	n/a	n/a	

[1] Observed Location information, if available, was obtained from NWS's COOP Observation Station records as well as other officially-designated sources identified in NOAA's Storm Events Database and the Midwestern Regional Climate Center's cli-MATE data system.

Table 7
Excessive Heat Events Reported in Edgar County
1994 - 2021

Date(s)	Start Time	Magnitude - Temperature °F			Observed Location(s)[1]	Injuries	Fatalities	Property Damages	Crop Damages	Impacts/Event Description
		Day (Max)	Night (Min)	Heat Index (Max)						
08/03/2005	n/a	92 °F	73 °F	n/a	Paris	n/a	n/a	n/a	n/a	
08/09/2005 thru 08/12/2005	n/a	95 °F	70 °F	n/a	Paris	n/a	n/a	n/a	n/a	
06/21/2006	n/a	91 °F	75 °F	n/a	Paris	n/a	n/a	n/a	n/a	
07/15/2006 thru 07/19/2006	n/a	95 °F	70 °F	n/a	Paris	n/a	n/a	n/a	n/a	
07/29/2006 thru 08/02/2006	11:00 AM	94 °F	74 °F	110 °F	Paris	n/a	n/a	n/a	n/a	
06/16/2007 thru 06/17/2007	n/a	95 °F	71 °F	n/a	Paris	n/a	n/a	n/a	n/a	
08/03/2007 thru 08/12/2007	n/a	95 °F	70 °F	n/a	Paris	n/a	n/a	n/a	n/a	
08/22/2007 thru 08/24/2007	n/a	96 °F	70 °F	n/a	Paris	n/a	n/a	n/a	n/a	
07/20/2008	n/a	91 °F	75 °F	n/a	Paris	n/a	n/a	n/a	n/a	
06/22/2009 thru 06/25/2009	n/a	93 °F	72 °F	n/a	Paris	n/a	n/a	n/a	n/a	
08/09/2009	n/a	92 °F	73 °F	n/a	Paris	n/a	n/a	n/a	n/a	
06/20/2010	n/a	91 °F	73 °F	n/a	Paris	n/a	n/a	n/a	n/a	

[1] Observed Location information, if available, was obtained from NWS's COOP Observation Station records as well as other officially-designated sources identified in NOAA's Storm Events Database and the Midwestern Regional Climate Center's cli-MATE data system.

Table 7
Excessive Heat Events Reported in Edgar County
1994 - 2021

Date(s)	Start Time	Magnitude - Temperature °F			Observed Location(s)[1]	Injuries	Fatalities	Property Damages	Crop Damages	Impacts/Event Description
		Day (Max)	Night (Min)	Heat Index (Max)						
06/26/2010 thru 06/27/2010	n/a	93 °F	72 °F	n/a	Paris	n/a	n/a	n/a	n/a	
07/07/2010	n/a	93 °F	76 °F	n/a	Paris	n/a	n/a	n/a	n/a	
07/14/2010 thru 07/15/2010	n/a	96 °F	71 °F	n/a	Paris	n/a	n/a	n/a	n/a	
07/17/2010	n/a	92 °F	72 °F	n/a	Paris	n/a	n/a	n/a	n/a	
07/22/2010 thru 07/24/2010	n/a	93 °F	71 °F	n/a	Paris	n/a	n/a	n/a	n/a	
07/28/2010	n/a	92 °F	74 °F	n/a	Paris	n/a	n/a	n/a	n/a	
08/03/2010 thru 08/04/2010	12:00 PM	98 °F	73 °F	105 °F	Paris	n/a	n/a	n/a	n/a	
08/09/2010 thru 08/14/2010	2:00 PM	96 °F	73 °F	105 °F	Paris	n/a	n/a	n/a	n/a	
06/07/2011 thru 06/08/2011	n/a	93 °F	71 °F	n/a	Paris	n/a	n/a	n/a	n/a	
07/11/2011	n/a	95 °F	73 °F	n/a	Paris	n/a	n/a	n/a	n/a	
07/17/2011 thru 07/24/2011	n/a	97 °F	75 °F	n/a	Paris	n/a	n/a	n/a	n/a	

[1] Observed Location information, if available, was obtained from NWS's COOP Observation Station records as well as other officially-designated sources identified in NOAA's Storm Events Database and the Midwestern Regional Climate Center's cli-MATE data system.

Table 7
Excessive Heat Events Reported in Edgar County
1994 - 2021

Date(s)	Start Time	Magnitude - Temperature °F			Observed Location(s)[1]	Injuries	Fatalities	Property Damages	Crop Damages	Impacts/Event Description
		Day (Max)	Night (Min)	Heat Index (Max)						
07/27/2011 thru 07/28/2011	n/a	95 °F	73 °F	n/a	Paris	n/a	n/a	n/a	n/a	
08/02/2011	n/a	90 °F	78 °F	n/a	Paris	n/a	n/a	n/a	n/a	
09/01/2011 thru 09/02/2011	n/a	98 °F	69 °F	n/a	Paris	n/a	n/a	n/a	n/a	
06/28/2012 thru 07/07/2012	n/a	105 °F	66 °F	110 °F	Paris	n/a	n/a	n/a	n/a	
07/15/2012 thru 07/19/2012	n/a	101 °F	69 °F	n/a	Paris	n/a	n/a	n/a	n/a	
07/22/2012 thru 07/26/2012	n/a	104 °F	70 °F	n/a	Paris	n/a	n/a	n/a	n/a	
08/04/2013	n/a	97 °F	71 °F	n/a	Paris	n/a	n/a	n/a	n/a	
07/17/2013 thru 07/19/2013	n/a	92 °F	71 °F	n/a	Paris	n/a	n/a	n/a	n/a	
08/27/2013 thru 08/28/2013	n/a	93 °F	71 °F	n/a	Paris	n/a	n/a	n/a	n/a	
09/10/2013 thru 09/11/2013	n/a	94 °F	70 °F	n/a	Paris	n/a	n/a	n/a	n/a	

[1] Observed Location information, if available, was obtained from NWS's COOP Observation Station records as well as other officially-designated sources identified in NOAA's Storm Events Database and the Midwestern Regional Climate Center's cli-MATE data system.

Table 7
Excessive Heat Events Reported in Edgar County
1994 - 2021

Date(s)	Start Time	Magnitude - Temperature °F			Observed Location(s)[1]	Injuries	Fatalities	Property Damages	Crop Damages	Impacts/Event Description
		Day (Max)	Night (Min)	Heat Index (Max)						
07/17/2015 thru 07/18/2015	n/a	91 °F	72 °F	n/a	Paris	n/a	n/a	n/a	n/a	
06/26/2016 thru 06/26/2016	n/a	93 °F	72 °F	n/a	Paris	n/a	n/a	n/a	n/a	
07/20/2016 thru 07/24/2016	n/a	92 °F	70 °F	n/a	Paris	n/a	n/a	n/a	n/a	
08/11/2016 thru 08/12/2016	n/a	91 °F	74 °F	n/a	Paris	n/a	n/a	n/a	n/a	
07/20/2017 thru 07/22/2017	n/a	94 °F	71 °F	n/a	Paris	n/a	n/a	n/a	n/a	
06/16/2018 thru 06/18/2018	n/a	91 °F	70 °F	n/a	Paris	n/a	n/a	n/a	n/a	
06/29/2018 thru 07/04/2018	n/a	91 °F	70 °F	n/a	Paris	n/a	n/a	n/a	n/a	
07/03/2019	12:00 PM	90 °F	71 °F	100 °F	Paris	n/a	1	n/a	n/a	A 66 year-old man died of heatstroke while sitting in his car outside a home in Paris. He lived in the non air-conditioned attic of the home.
07/10/2019	n/a	92 °F	70 °F	n/a	Paris	n/a	n/a	n/a	n/a	

[1] Observed Location information, if available, was obtained from NWS's COOP Observation Station records as well as other officially-designated sources identified in NOAA's Storm Events Database and the Midwestern Regional Climate Center's cli-MATE data system.

Table 7
Excessive Heat Events Reported in Edgar County
1994 - 2021

Date(s)	Start Time	Magnitude - Temperature °F			Observed Location(s)[1]	Injuries	Fatalities	Property Damages	Crop Damages	Impacts/Event Description
		Day (Max)	Night (Min)	Heat Index (Max)						
07/18/2019 thru 07/21/2019	n/a	92 °F	73 °F	n/a	Paris	n/a	n/a	n/a	n/a	
06/18/2021	n/a	n/a	n/a	n/a		n/a	n/a	n/a	n/a	
08/10/2021 thru 08/11/2021	n/a	91 °F	73 °F	n/a	Paris	n/a	n/a	n/a	n/a	
08/24/2021 thru 08/29/2021	n/a	93 °F	69 °F	n/a	Paris	n/a	n/a	n/a	n/a	
GRAND TOTAL:						**0**	**1**	**$0**	**$0**	

Sources: Iowa State University, Iowa Environmental Mesonet, National Weather Service Data, Search for Warnings.
Midwestern Regional Climate Center, cli-MATE.
NOAA, National Environmental Satellite, Data & Information Service, National Centers for Environmental Information, Cooperative Observation Forms.
NOAA, National Environmental Satellite, Data & Information Service, National Centers for Environmental Information, Storm Events Database.

[1] Observed Location information, if available, was obtained from NWS's COOP Observation Station records as well as other officially-designated sources identified in NOAA's Storm Events Database and the Midwestern Regional Climate Center's cli-MATE data system.

Table 8
Extreme Cold/Wind Chill Events Reported in Edgar County
1994 - 2021

Date(s)	Start Time	Magnitude - Temperature °F			Observed Location(s)[1]	Injuries	Fatalities	Property Damages	Impacts/Event Description
		Low (Min)	High (Max)	Wind Chill (Max)					
01/14/1994 thru 01/15/1994	n/a	-11 °F	12 °F	n/a	Paris	n/a	n/a	n/a	
01/17/1994 thru 01/20/1994	n/a	-22 °F	18 °F	n/a	Paris	n/a	n/a	n/a	
01/04/1995	n/a	1 °F	13 °F	n/a	Paris	n/a	n/a	n/a	
12/09/1995	n/a	-2 °F	10 °F	n/a	Paris	n/a	n/a	n/a	
01/30/1996 thru 02/04/1996	n/a	-16 °F	14 °F	n/a	Paris	n/a	n/a	n/a	
01/10/1997 thru 01/13/1997	n/a	-11 °F	6 °F	n/a	Paris	n/a	n/a	n/a	
01/16/1997 thru 01/17/1997	n/a	-10 °F	7 °F	n/a	Paris	n/a	n/a	n/a	
01/28/1997	n/a	-2 °F	9 °F	n/a	Paris	n/a	n/a	n/a	
01/05/1999	n/a	-9 °F	3 °F	n/a	Paris	n/a	n/a	n/a	
01/10/1999	n/a	-6 °F	12 °F	n/a	Paris	n/a	n/a	n/a	
12/21/2000 thru 12/22/2000	n/a	-3 °F	15 °F	n/a	Paris	n/a	n/a	n/a	

[1] Observed Location information, if available, was obtained from NWS's COOP Observation Station records as well as other officially-designated sources identified in NOAA's Storm Events Database and the Midwestern Regional Climate Center's cli-MATE data system.

Table 8
Extreme Cold/Wind Chill Events Reported in Edgar County
1994 - 2021

Date(s)	Start Time	Magnitude - Temperature °F			Observed Location(s)[1]	Injuries	Fatalities	Property Damages	Impacts/Event Description
		Low (Min)	High (Max)	Wind Chill (Max)					
12/24/2000 thru 12/25/2000	n/a	-7 °F	15 °F	n/a	Paris	n/a	n/a	n/a	
01/22/2003 thru 01/23/2003	n/a	-4 °F	13 °F	n/a	Paris	n/a	n/a	n/a	
01/26/2003	n/a	-7 °F	15 °F	n/a	Paris	n/a	n/a	n/a	
01/29/2004 thru 01/31/2004	n/a	-9 °F	15 °F	n/a	Paris	n/a	n/a	n/a	
12/24/2004	n/a	-2 °F	8 °F	n/a	Paris	n/a	n/a	n/a	
01/16/2005 thru 01/17/2005	n/a	-4 °F	14 °F	n/a	Paris	n/a	n/a	n/a	
02/03/2007 thru 02/08/2007	n/a	-5 °F	17 °F	n/a	Paris	n/a	n/a	n/a	
02/15/2007	n/a	-5 °F	11 °F	n/a	Paris	n/a	n/a	n/a	
01/19/2008	n/a	0 °F	13 °F	n/a	Paris	n/a	n/a	n/a	
01/24/2008	n/a	-4 °F	13 °F	n/a	Paris	n/a	n/a	n/a	
12/21/2008 thru 12/22/2008	n/a	0 °F	7 °F	n/a	Paris	n/a	n/a	n/a	

[1] Observed Location information, if available, was obtained from NWS's COOP Observation Station records as well as other officially-designated sources identified in NOAA's Storm Events Database and the Midwestern Regional Climate Center's cli-MATE data system.

Table 8
Extreme Cold/Wind Chill Events Reported in Edgar County
1994 - 2021

Date(s)	Start Time	Magnitude - Temperature °F			Observed Location(s)[1]	Injuries	Fatalities	Property Damages	Impacts/Event Description
		Low (Min)	High (Max)	Wind Chill (Max)					
01/15/2009 thru 01/16/2009	n/a	-13 °F	16 °F	-25 °F	Paris	n/a	n/a	n/a	
01/02/2010 thru 01/05/2010	n/a	-2 °F	15 °F	n/a	Paris	n/a	n/a	n/a	
01/09/2010 thru 01/10/2010	n/a	-7 °F	12 °F	n/a	Paris	n/a	n/a	n/a	
12/13/2010	n/a	1 °F	15 °F	n/a	Paris	n/a	n/a	n/a	
01/21/2011	n/a	-7 °F	7 °F	n/a	Paris	n/a	n/a	n/a	
02/08/2011 thru 02/09/2011	n/a	-2 °F	15 °F	n/a	Paris	n/a	n/a	n/a	
01/06/2014 thru 01/07/2014	12:00 AM	-14 °F	15 °F	-45 °F	Paris	n/a	n/a	n/a	
01/20/2014 thru 01/21/2014	n/a	-5 °F	15 °F	n/a	Paris	n/a	n/a	n/a	
01/22/2014 thru 01/24/2014	n/a	-6 °F	5 °F	n/a	Paris	n/a	n/a	n/a	

[1] Observed Location information, if available, was obtained from NWS's COOP Observation Station records as well as other officially-designated sources identified in NOAA's Storm Events Database and the Midwestern Regional Climate Center's cli-MATE data system.

Table 8
Extreme Cold/Wind Chill Events Reported in Edgar County
1994 - 2021

Date(s)	Start Time	Magnitude - Temperature °F			Observed Location(s)[1]	Injuries	Fatalities	Property Damages	Impacts/Event Description
		Low (Min)	High (Max)	Wind Chill (Max)					
01/27/2014 thru 01/28/2014	12:00 AM	-4 °F	12 °F	-30 °F	Paris	n/a	n/a	n/a	
02/06/2014 thru 02/07/2014	n/a	-14 °F	14 °F	n/a	Paris	n/a	n/a	n/a	
02/10/2014 thru 02/11/2014	n/a	-14 °F	15 °F	n/a	Paris	n/a	n/a	n/a	
01/07/2015	n/a	-6 °F	8 °F	n/a	Paris	n/a	n/a	n/a	
01/09/2015	n/a	-1 °F	13 °F	n/a	Paris	n/a	n/a	n/a	
02/18/2015 thru 02/19/2015	n/a	-6 °F	11 °F	n/a	Paris	n/a	n/a	n/a	
02/23/2015 thru 02/24/2015	n/a	-11 °F	12 °F	n/a	Paris	n/a	n/a	n/a	
02/27/2015	n/a	-4 °F	14 °F	n/a	Paris	n/a	n/a	n/a	
01/17/2016 thru 01/18/2016	n/a	-2 °F	11 °F	n/a	Paris	n/a	n/a	n/a	
01/05/2017 thru 01/06/2017	n/a	-2 °F	14 °F	n/a	Paris	n/a	n/a	n/a	

[1] Observed Location information, if available, was obtained from NWS's COOP Observation Station records as well as other officially-designated sources identified in NOAA's Storm Events Database and the Midwestern Regional Climate Center's cli-MATE data system.

Table 8
Extreme Cold/Wind Chill Events Reported in Edgar County
1994 - 2021

Date(s)	Start Time	Magnitude - Temperature °F			Observed Location(s)[1]	Injuries	Fatalities	Property Damages	Impacts/Event Description
		Low (Min)	High (Max)	Wind Chill (Max)					
12/26/2017 thru 12/28/2017	n/a	-4 °F	7 °F	n/a	Paris	n/a	n/a	n/a	
12/30/2017 thru 01/02/2017	n/a	-13 °F	13 °F	n/a	Paris	n/a	n/a	n/a	
01/03/2017 thru 01/06/2017	n/a	-12 °F	16 °F	n/a	Paris	n/a	n/a	n/a	
01/15/2018 thru 01/17/2018	n/a	-5 °F	16 °F	n/a	Paris	n/a	n/a	n/a	
01/29/2019 thru 01/31/2019	n/a	-14 °F	1 °F	n/a	Paris	n/a	n/a	n/a	
02/07/2021	n/a	-2 °F	9 °F	n/a	Paris	n/a	n/a	n/a	
02/13/2021 thru 02/15/2021	n/a	-2 °F	12 °F	n/a	Paris	n/a	n/a	n/a	
GRAND TOTAL:						**0**	**$0**	**$0**	

Sources: Iowa State University, Iowa Environmental Mesonet, National Weather Service Data, Search for Warnings.
Midwestern Regional Climate Center, cli-MATE.
NOAA, National Environmental Satellite, Data & Information Service, National Centers for Environmental Information, Cooperative Observation Forms.
NOAA, National Environmental Satellite, Data & Information Service, National Centers for Environmental Information, Storm Events Database.

[1] Observed Location information, if available, was obtained from NWS's COOP Observation Station records as well as other officially-designated sources identified in NOAA's Storm Events Database and the Midwestern Regional Climate Center's cli-MATE data system.

Table 9
Tornadoes Reported in Edgar County
1950 - 2021

Map No.	Date(s)	Start Time	Location(s)	Magnitude Fujita Scale	Length (Miles)[1]	Width (Yards)	Injuries	Fatalities	Property Damages	Crop Damages	Impacts/Event Description
1	05/03/1958	5:30 PM	Vermilion^	F 2	5.9 mi.	10 yd.	n/a	n/a	$30	n/a	*Touchdown/Liftoff – Two Counties* Touched down in Edgar County southwest of Vermilion and traveled east-northeast crossing into Vigo County, Indiana wher it turned and headed north-northweast before lifting off at Shirkieville – total length: 7.8 miles
2	06/13/1958	4:30 PM	Brocton	F 1	1.0 mi.	10 yd.	n/a	n/a	$25,000	n/a	Tornado damaged one farm
3	04/22/1963	6:55 PM	Hume, Metcalf Chrisman Scottland	F 3	20.2 mi.	1,600 yd.	20	n/a	$25,000	n/a	*Touchdown/Liftoff – Multiple Counties* Touched down in Douglas County just east of Tuscola and traveled east through Edgar County before lifting off east of Dana In Vermillion County, Indiana – total length: 38.7 miles
4	05/24/1970	7:45 PM	Edgar^	F 1	0.5 mi.	10 yd.	n/a	n/a	$2,500	n/a	- Tornado overturned a trailer home - Young healthy trees were uprooted - 50 gallon drun was carried 100 feet into the air
5	06/22/1979	2:27 PM	Paris^	F 0	0.5 mi.	50 yd.	n/a	n/a	n/a	n/a	
6	07/07/1982	12:15 PM	Chrisman^	F 0	0.1 mi.	10 yd.	n/a	n/a	$30	n/a	
7	05/25/1984	6:40 PM	Kansas	F 2	0.1 mi.	10 yd.	n/a	n/a	$250,000	n/a	*Event Desrciption Provided Below*
A tornado damaged several structures - A 40 x 50 foot hole was ripped in the roof of the high school gymnasium - An abandoned service station was destroyed											- A small portion of the roof of an apartment house was blown off - Several grain bins at tow grain elevators were damaged or destroyed
8	05/15/1986	7:04 PM	Isabel Brocton^	F 1	3.5 mi.	100 yd.	n/a	n/a	$25,000	n/a	*Event Desrciption Provided Below*

[1] The length provided is only for the portion(s) of the tornado that occurred in the County.
^ Tornado touchdown verified in the vicinity of this location(s).

Table 9
Tornadoes Reported in Edgar County
1950 - 2021

Map No.	Date(s)	Start Time	Location(s)	Magnitude Fujita Scale	Length (Miles)[1]	Width (Yards)	Injuries	Fatalities	Property Damages	Crop Damages	Impacts/Event Description
- A tornado moved northeast through the southeast and east portions of Isabel, destroying an unoccupied trailer and damaging several buildings in town - Several farm buildings northwest of town were also damaged											
9	05/15/1986	7:30 PM	Paris^ Vermilion	F 2	5.0 mi.	10 yd.	n/a	n/a	$250,000	n/a	*Event Desrciption Provided Below*
- A tornado destroyed a farm and damaged a second farm along IL Route 1 south of Paris - It then moved northeast and damaged several farms just east of Vermilion											
10	06/13/1987	2:28 PM	Metacalf^	F 0	1.0 mi.	10 yd.	n/a	n/a	n/a	n/a	*Touchdown/Liftoff – Two Counties* Touched down in Vermilion County south-southwest of Sidell and traveled southeast lifting off northeast of Metcalf in Edgar County – total length: 2.0 miles
11	06/02/1990	4:30 PM	Grandview Paris^	F 1	8.0 mi.	200 yd.	n/a	n/a	$25,000	n/a	- A tornado tore four roofs off at Grandview - Damaged two homes near IL Route 1 south of Paris
12	06/02/1990	4:53 PM	Paris^ Chrisman^	F 2	11.0 mi.	150 yd.	n/a	n/a	$25,000	n/a	*Touchdown/Liftoff – Two Counties* Touched down in Edgar County north-northwest of Paris and traveled northeast lifting off northwest of Montezuma in Vermillion County, Indiana – total length: 17.5 miles

[1] The length provided is only for the portion(s) of the tornado that occurred in the County.
^ Tornado touchdown verified in the vicinity of this location(s).

Table 9
Tornadoes Reported in Edgar County
1950 - 2021

Map No.	Date(s)	Start Time	Location(s)	Magnitude Fujita Scale	Length (Miles)[1]	Width (Yards)	Injuries	Fatalities	Property Damages	Crop Damages	Impacts/Event Description
13	06/02/1990	4:58 PM	Edgar^	F 2	4.0 mi.	100 yd.	n/a	n/a	n/a	n/a	*Touchdown/Liftoff – Two Counties* Touched down in Edgar County southeast of Chrisman and traveled east into Vermillion County, Indiana where it turned northeast lifting off southeast of Dana – total length: 8.0 miles
14	07/30/1992	12:25 PM	Paris	F 0	0.1 mi.	33 yd.	n/a	n/a	$25,000	n/a	- Trees were blown down, windows were broken and a shed was destroyed at a farm - Several power poles were broken
15	04/19/1996	4:10 PM	Paris^	F 1	2.0 mi.	440 yd.	n/a	n/a	n/a	n/a	*Event Desrciption Provided Below*
- The tornado caused damage to 6 farms in the area - It destroyed several machine sheds, a couple of barns and grain bins - One residence sustained moderate roof damage											
16	04/19/1996	4:12 PM	Paris	F 0	1.0 mi.	220 yd.	n/a	n/a	n/a	n/a	*Event Desrciption Provided Below*
- The tornado destroyed a machine shed along Cherry Point Road northwest of Paris - The tornado then lifted briefly and touched back down at the intersection of Steidle Road and Tucker Beach Road where it damaged a three car garage - It then continued to travel to the east northeast where it damaged another machine shed, blew down numerous trees, and damaged a baseball field - One of the light poles at the baseball field was ripped out of the ground and thrown across a nearby road and the roof of one dugout was blown apart - At Twin Lakes Park, several benches, trees, and a small shed were damaged. - The tornado then travelled across the lake and flipped a boat lift upside down and blew down more trees before lifting and dissipating										
17	04/07/1998	7:11 PM	Hume^	F 0	0.2 mi.	30 yd.	n/a	n/a	n/a	n/a	A shed was destroyed and 7 utility poles were either bent or snapped off completely
18	04/07/1998	7:15 PM	Chrisman	F 0	0.2 mi.	30 yd.	n/a	n/a	n/a	n/a	*Event Desrciption Provided Below*
- A tornado tore off some metal siding and roofing from a barn on the west side of the Village - It then threw the debris throughout Chrisman, causing minor damage to several homes and businesses, including breaking a few windows											

[1] The length provided is only for the portion(s) of the tornado that occurred in the County.
^ Tornado touchdown verified in the vicinity of this location(s).

Table 9
Tornadoes Reported in Edgar County
1950 - 2021

Map No.	Date(s)	Start Time	Location(s)	Magnitude Fujita Scale	Length (Miles)[1]	Width (Yards)	Injuries	Fatalities	Property Damages	Crop Damages	Impacts/Event Description
19	04/07/1998	7:29 PM	Metacalf^	F 0	0.1 mi.	30 yd.	n/a	n/a	n/a	n/a	
20	04/07/1998	7:49 PM	Scottland^	F 0	0.2 mi.	30 yd.	n/a	n/a	n/a	n/a	A tornado knocked down several power poles and took the roofs off of one home, 2 barns, and a machine shed
21	05/19/1998	6:30 PM	Scottland^	F 0	0.1 mi.	30 yd.	n/a	n/a	n/a	n/a	- A tornado briefly touched down in an empty field - No damage or injuries were reported
22	05/19/1998	6:30 PM	Chrisman^	F 0	0.1 mi.	30 yd.	n/a	n/a	n/a	n/a	- A tornado briefly touched down in an empty field - No damage or injuries were reported
23	04/04/2003	6:35 PM	Hume	F 0	0.1 mi.	10 yd.	n/a	n/a	n/a	n/a	- A tornado briefly touched down in a field - No damage or injuries were reported
24	07/08/2008	5:45 PM	Paris^ Edgar County Airport^	EF 0	4.02 mi.	50 yd.	n/a	n/a	$60,000	n/a	A tornado damaged several pole barns and grain bins before dissipating
25	07/21/2008	9:34 PM	Metcalf^	EF 1	2.00 mi.	100 yd.	n/a	n/a	$85,000	n/a	The tornado damaged two homes and several outbuildings and destroyed an old barn
26	05/21/2010	11:20 AM	Hume^	EF 0	0.12 mi.	10 yd.	n/a	n/a	n/a	n/a	
27	05/21/2010	11:40 AM	Chrisman^	EF 0	0.11 mi.	10 yd.	n/a	n/a	n/a	n/a	
28	04/19/2011	6:59 PM	Chrisman^	EF 1	1.14 mi.	100 yd.	n/a	n/a	$140,000	n/a	A tornado tore the roof off a house, destroying two pole barns, and damaging a garage
29	02/20/2014	5:43 PM	Chrisman^	EF 0	3.00 mi.	75 yd.	n/a	n/a	n/a	n/a	

[1] The length provided is only for the portion(s) of the tornado that occurred in the County.
^ Tornado touchdown verified in the vicinity of this location(s).

Table 9
Tornadoes Reported in Edgar County
1950 - 2021

Map No.	Date(s)	Start Time	Location(s)	Magnitude Fujita Scale	Length (Miles)[1]	Width (Yards)	Injuries	Fatalities	Property Damages	Crop Damages	Impacts/Event Description
30	12/10/2021	10:43 PM	Chrisman^	EF 2	3.45 mi.	200 yd.	n/a	n/a	n/a	n/a	*Touchdown/Liftoff – Two Counties* Touched down in Edgar County north of Chrisman and traveled northeast lifting off southeast fo Ridge Farm in Vermilion County – total length: 3.65 miles
GRAND TOTAL:							**20**	**0**	**$937,560**	**$0**	

Sources: Edgar County Multi-Jurisdictional All Hazard Mitigation Planning Committee Member responses to the Natural Hazard Events Questionnaire.
NOAA, National Environmental Satellite, Data & Information Service, National Centers for Environmental Information, Storm Data.
NOAA, National Environmental Satellite, Data & Information Service, National Centers for Environmental Information, Storm Events Database.
NOAA, National Weather Service, Weather Forecast Office Lincoln, Illinois, Tornado Climatology for Central and Southeast Illinois, Edgar County.
NOAA, National Weather Service, Storm Prediction Center, SVRGIS, Tornadoes (1950-2020) Database.

During the process of collecting and verifying the tornado data used in this Plan, discrepancies were identified in the existing tornado information databases. Discussions were immediately conducted with the NWS Weather Forecast Office in Lincoln to verify tornado coordinates so that these discrepancies could be corrected or clarified. Consequently, this Hazard Mitigation Plan has the most accurate information on tornadoes for the County. If the reader compares the tornado information in this Plan with other databases, they may encounter the same discrepancies until these databases are formally corrected.

[1] The length provided is only for the portion(s) of the tornado that occurred in the County.
^ Tornado touchdown verified in the vicinity of this location(s).

Table 10
Drought Events Reported in Edgar County
1980 - 2021

Year(s)	Start Month	Duration (Months)	Magnitude Drought Intensity Category[1]					Percent Crop Yield Reduction from Previous Year		Designated USDA Primary Natural Disaster Area	Crop Damages	Impacts/Event Description
			D0	D1	D2	D3	D4	Corn	Soybeans			
1983	June	n/a						35.5 %	13.8 %	n/a	n/a	All 102 counties in Illinois were proclaimed state disaster areas because of high temperatures and insufficient precipitation beginning in mid-June
1988	June	16						33.8 %	31.5 %	n/a	n/a	Approximately half of all Illinois counties were impacted by drought conditions
2005	May	5	X	X				14.9 %	7.1 %	Yes	n/a	
2011	August	3	X	X	X			5.4 %	0.2 %	Yes	n/a	
2012	May	6	X	X	X	X	X	37.4 %	27.7 %	Yes	$42,800,000	total damage to corn crop was estimated at $42.8 million
GRAND TOTAL:											**$42,800,000**	

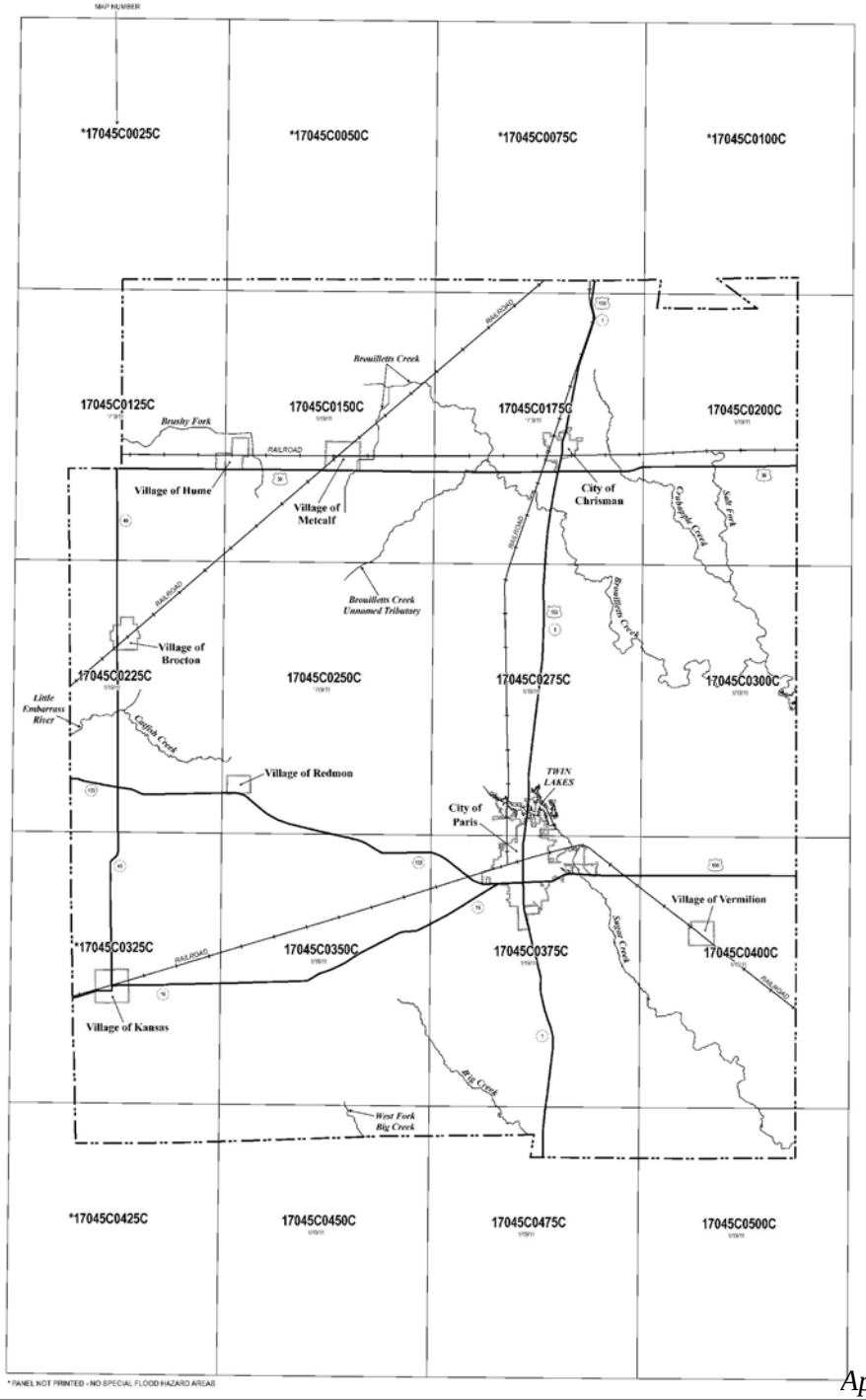
Sources: Illinois State Water Survey, Illinois State Climatologist.
National Drought Mitigation Center, United States Drought Monitor.
NOAA, National Environmental Satellite, Data & Information Service, National Centers for Environmental Information, Storm Events Database.
United States Department of Agriculture, National Agricultural Statistics Service, Quik Stats Lite.

[1] An "X" identifies the level of drought intensity reached by at least a portion of the County during the event, if available.

US Drought Monitor – Drought Intensity Category Descriptions

D0	abnormally dry	D3	extreme drought
D1	moderate drought	D4	exceptional drought
D2	severe drought		

APPENDIX J



LISTING OF COMMUNITIES

COMMUNITY NAME	COMMUNITY NUMBER	LOCATED ON PANEL(S)	INITIAL NFIP MAP DATE	INITIAL FIRM DATE	MOST RECENT FIRM PANEL DATE
[1]BROCTON, VILLAGE OF	171096	0225	N/A	N/A	N/A
CHRISMAN, CITY OF	171057	0175	JANUARY 19, 2011	JANUARY 19, 2011	JANUARY 19, 2011
EDGAR COUNTY (UNINCORPORATED AREAS)	170985	0025*, 0050*, 0075*, 0100*, 0125, 0150, 0175, 0200, 0225, 0250, 0275, 0300, 0325*, 0350, 0375, 0400, 0425*, 0450, 0475, 0500	MARCH, 2 1979	JANUARY 19, 2011	JANUARY 19, 2011
HUME, VILLAGE OF	171098	0125, 0150	JANUARY 19, 2011	JANUARY 19, 2011	JANUARY 19, 2011
[1]KANSAS, VILLAGE OF	171099	0325*	N/A	N/A	N/A
METCALF, VILLAGE OF	171100	0150	JANUARY 19, 2011	JANUARY 19, 2011	JANUARY 19, 2011
PARIS, CITY OF	170225	0275, 0375	MAY 3, 1974	AUGUST 19, 1985	JANUARY 19, 2011
[1]REDMON, VILLAGE OF	171101	0250	N/A	N/A	N/A
[1]VERMILION, VILLAGE OF	171102	0400	N/A	N/A	N/A

[1] NO SPECIAL FLOOD HAZARD AREAS IDENTIFIED
[2] PANEL NOT PRINTED

MAP REPOSITORIES

(Maps available for reference only, not for distribution.)

BROCTON, VILLAGE OF:
Brocton Village Hall
203 North Boyer Avenue
Brocton, Illinois 61917

CHRISMAN, CITY OF:
Chrisman City Hall
222 West Madison
Chrisman, Illinois 61924

EDGAR COUNTY (UNINCORPORATED AREAS):
Edgar County Courthouse
115 West Court Street
Paris, Illinois 61944

HUME, VILLAGE OF:
Edgar County Courthouse
115 West Court Street
Paris, Illinois 61944

KANSAS, VILLAGE OF:
Kansas Village Hall
202 North Front Street
Kansas, Illinois 61933

METCALF, VILLAGE OF:
Edgar County Courthouse
115 West Court Street
Paris, Illinois 61944

PARIS, CITY OF:
Paris City Hall
206 South Central
Paris, Illinois 61944

REDMON, VILLAGE OF:
Edgar County Courthouse
115 West Court Street
Paris, Illinois 61944

VERMILION, VILLAGE OF:
Edgar County Courthouse
115 West Court Street
Paris, Illinois 61944

MAP DATES

This FIRM Index displays the map date for each FIRM panel at the time that this Index was printed. Because this Index may not be distributed to unaffected communities in subsequent revisions, users may determine the current map date for each FIRM panel by visiting the FEMA Map Service Center (MSC) website at http://msc.fema.gov, or by calling the FEMA Map Information eXchange (FMIX) at 1-877-336-2627.

Communities annexing land on adjacent FIRM panels must obtain a current copy of the adjacent panel as well as the current FIRM Index. These may be ordered directly from the Map Service Center at the number listed above.

NOTE TO USER

Future revisions to this FIRM Index will only be issued to communities that are located on FIRM panels being revised. This FIRM Index therefore remains valid for FIRM panels dated January 19, 2011, or earlier. Please refer to the "MOST RECENT FIRM PANEL DATE" column in the Listing of Communities table to determine the most recent FIRM Index date for each community.

NFIP

MAP INDEX

FIRM

FLOOD INSURANCE RATE MAP

EDGAR COUNTY, ILLINOIS AND INCORPORATED AREAS

(SEE LISTING OF COMMUNITIES TABLE)

MAP INDEX

PANELS PRINTED:

125, 150, 175, 200,
225, 250, 275, 300,
350, 375, 400, 450,
475, 500

MAP NUMBER:
17045CIND0A

EFFECTIVE DATE:
JANUARY 19, 2011

Federal Emergency Management Agency

NATIONAL FLOOD INSURANCE PROGRAM

NOTES TO USERS

This map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size. The **community map repository** should be consulted for possible updated or additional flood hazard information.

To obtain more detailed information in areas where **Base Flood Elevations** (BFEs) and/or **floodways** have been determined, users are encouraged to consult the Flood Profiles and Floodway Data and/or Summary of Stillwater Elevations tables contained within the Flood Insurance Study (FIS) report that accompanies this FIRM. Users should be aware that BFEs shown on the FIRM represent rounded whole-foot elevations. These BFEs are intended for flood insurance rating purposes only and should not be used as the sole source of flood elevation information. Accordingly, flood elevation data presented in the FIS report should be utilized in conjunction with the FIRM for purposes of construction and/or flood plain management.

Coastal Base Flood Elevations shown on this map apply only landward of 0.0' North American Vertical Datum of 1988 (NAVD 88). Users of this FIRM should be aware that coastal flood elevations are also provided in the Summary of Stillwater Elevations table in the Flood Insurance Study report for this jurisdiction. Elevations shown in the Summary of Stillwater Elevations table should be used for construction and/or flood plain management purposes when they are higher than the elevations shown on this FIRM.

Boundaries of the **floodways** were computed at cross sections and interpolated between cross sections. The floodways were based on hydraulic considerations with regard to requirements of the National Flood Insurance Program. Floodway widths and other pertinent floodway data are provided in the Flood Insurance Study report for this jurisdiction.

In the State of Illinois, any portion of a stream or watercourse that lies within the **floodway fringe** of a studied (AE) stream may have a state regulated floodway. The FIRM may not depict these state regulated floodways.

Floodways restricted by anthropogenic features such as bridges and culverts are drawn to reflect natural conditions and may not agree with the model computed widths listed in the Floodway Data table in the Flood Insurance Study report.

Multiple **topographic sources** may have been used in the delineation of Special Flood Hazard Areas. See Flood Insurance Study report for details on source resolution and geographic extent.

Certain areas not in Special Flood Hazard Areas may be protected by **flood control structures**. Refer to Section 2.4 "Flood Protection Measures" of the Flood Insurance Study report for information on flood control structures for this jurisdiction.

The **projection** used in the preparation of this map was Universal Transverse Mercator (UTM) zone 16. The **horizontal datum** was NAD 83, GRS80 spheroid. Differences in datum, spheroid, projection or UTM zones used in the production of FIRMs for adjacent jurisdictions may result in slight positional differences in map features across jurisdiction boundaries. These differences do not affect the accuracy of this FIRM.

Flood elevations on this map are referenced to the North American Vertical Datum of 1988. These flood elevations must be compared to structure and ground elevations referenced to the same **vertical datum**. For information regarding conversion between the National Geodetic Vertical Datum of 1929 and the North American Vertical Datum of 1988, visit the National Geodetic Survey website at www.ngs.noaa.gov or contact the National Geodetic Survey at the following address:

NGS Information Services, NOAA, N/NGS12
National Geodetic Survey SSMC-3, #9202
1315 East-West Highway
Silver Spring, Maryland 20910-3282
(301) 713-3242

To obtain current elevation, description, and/or location for **bench marks** shown on this map, please contact the Information Services Branch of the National Geodetic Survey at (301) 713-3242, or visit its website at www.ngs.noaa.gov.

Base map information shown on this FIRM was provided in digital format by the United States Geological Survey. Digital orthoimagery with a spatial resolution of 0.5 meter ground sample distance were photogrammetrically compiled from aerial photography acquired during the leaf-off period of spring 2005.

This map reflects more detailed and up-to-date **stream channel configurations** than those shown on the previous FIRM for this jurisdiction. The Special Flood Hazard Areas and floodways that were transferred from the previous FIRM may have been adjusted to conform to these new stream channel configurations. As a result, the Flood Profiles and Floodway Data tables in the Flood Insurance Study report (which contains authoritative hydraulic data) may reflect stream channel distances that differ from what is shown on this map.

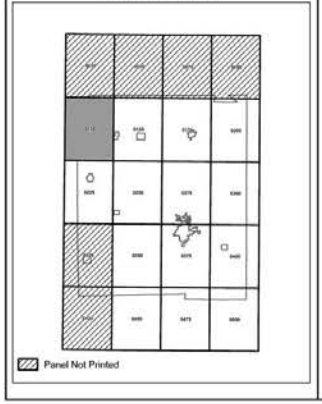
Corporate limits shown on this map are based on the best data available at the time of publication. Because changes due to annexations or de-annexations may have occurred after this map was published, map users should contact appropriate community officials to verify current corporate limit locations.

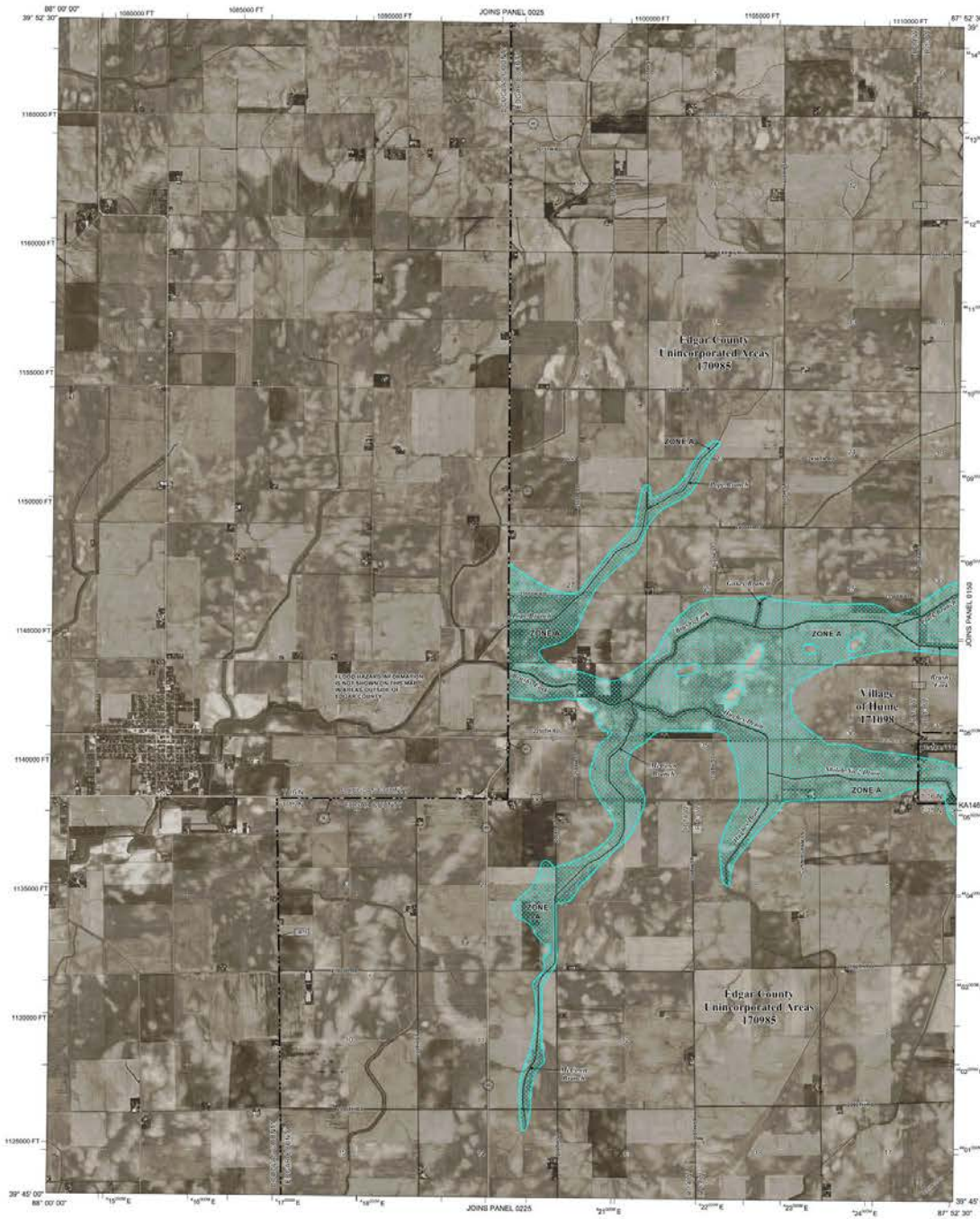
Please refer to the separately printed **Map Index** for an overview map of the county showing the layout of map panels; community map repository addresses; and a Listing of Communities table containing National Flood Insurance Program dates for each community as well as a listing of the panels on which each community is located.

For information on available products associated with this FIRM visit the Map Service Center (MSC) website at http://msc.fema.gov. Available products may include previously issued Letters of Map Change, a Flood Insurance Study Report, and/or digital versions of this map. Many of these products can be ordered or obtained directly from the MSC website.

If you have **questions about this map**, how to order products or the National Flood Insurance Program in general, please call the **FEMA Map Information eXchange (FMIX)** at 1-877-FEMA-MAP (1-877-336-2627) or visit the FEMA website at http://www.fema.gov/business/nfip.

PANEL INDEX





LEGEND

SPECIAL FLOOD HAZARD AREAS (SFHAs) SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD

The 1% annual chance flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zones A, AE, AH, AO, AR, A99, V, and VE. The Base Flood Elevation is the water-surface elevation of the 1% annual chance flood.

- **ZONE A** No Base Flood Elevations determined.
- **ZONE AE** Base Flood Elevations determined.
- **ZONE AH** Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevations determined.
- **ZONE AO** Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding, velocities also determined.
- **ZONE AR** Special Flood Hazard Areas formerly protected from the 1% annual chance flood by a flood control system that was subsequently decertified. Zone AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance or greater flood.
- **ZONE A99** Area to be protected from 1% annual chance flood by a Federal flood protection system under construction; no Base Flood Elevations determined.
- **ZONE V** Coastal flood zone with velocity hazard (wave action); no Base Flood Elevations determined.
- **ZONE VE** Coastal flood zone with velocity hazard (wave action); Base Flood Elevations determined.

FLOODWAY AREAS IN ZONE AE

The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.

OTHER FLOOD AREAS

- **ZONE X** Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.

OTHER AREAS

- **ZONE X** Areas determined to be outside the 0.2% annual chance floodplain.
- **ZONE D** Areas in which flood hazards are undetermined, but possible.

COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

OTHERWISE PROTECTED AREAS (OPAs)

CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.

- 1% annual chance floodplain boundary
- 0.2% annual chance floodplain boundary
- Floodway boundary
- Zone D boundary
- CBRS and OPA boundary
- Boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths or flood velocities.
- 513 — Base Flood Elevation line and value; elevation in feet*
- (EL 987) — Base Flood Elevation value where uniform within zone; elevation in feet*

*Referenced to the North American Vertical Datum of 1988

- (A) — (A) Cross section line
- (23) — (23) Transect line
- 45° 02' 08", 93° 02' 12" — Geographic coordinates referenced to the North American Datum of 1983 (NAD 83)
- 4990000 N — 1000-meter Universal Transverse Mercator grid values, zone 16
- 1560000 FT — 5000-foot grid tick: Illinois State Plane East Coordinate System, 1776 zone (FIPSZONE 1201) Transverse Mercator
- DX5510 — Bench mark (see explanation in Notes to Users section of this FIRM panel)
- M1.5 — River Mile

MAP REPOSITORIES
Refer to Map Repositories list on Map Index

EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP
JANUARY 19, 2011

EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL

For community map revision history prior to countywide mapping, refer to the Community Map History table located in the Flood Insurance Study report for this jurisdiction.

To determine if flood insurance is available in this community, contact your insurance agent or call the National Flood Insurance Program at 1-800-638-6620.

MAP SCALE 1" = 2000'

1000 0 2000 4000 FEET
500 0 500 1000 METERS

NFIP
NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0125C

FIRM
FLOOD INSURANCE RATE MAP
EDGAR COUNTY, ILLINOIS
AND INCORPORATED AREAS

PANEL 125 OF 500
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS

COMMUNITY	NUMBER	PANEL	SUFFIX
EDGAR COUNTY	170985	0125	C
HUME, VILLAGE OF	170998	0125	C

Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.

MAP NUMBER
17045C0125C
EFFECTIVE DATE
JANUARY 19, 2011

Federal Emergency Management Agency

NOTES TO USERS

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To obtain more detailed information in areas where **Base Flood Elevations** (BFEs) and/or **floodways** have been determined, users are encouraged to consult the Flood Profiles and Floodway Data and/or Summary of Stillwater Elevations tables contained within the Flood Insurance Study (FIS) report that accompanies this FIRM. Users should be aware that BFEs shown on the FIRM represent rounded whole-foot elevations. These BFEs are intended for flood insurance rating purposes only and should not be used as the sole source of flood elevation information. Accordingly, flood elevation data presented in the FIS report should be utilized in conjunction with the FIRM for purposes of construction and/or flood plain management.

Coastal Base Flood Elevations shown on this map apply only landward of 0.0' North American Vertical Datum of 1988 (NAVD 88). Users of this FIRM should be aware that coastal flood elevations are also provided in the Summary of Stillwater Elevations table in the Flood Insurance Study report for this jurisdiction. Elevations shown in the Summary of Stillwater Elevations table should be used for construction and/or flood plain management purposes when they are higher than the elevations shown on this FIRM.

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NGS Information Services, NOAA, N/NGS12
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1315 East-West Highway
Silver Spring, Maryland 20910-3282
(301) 713-3242

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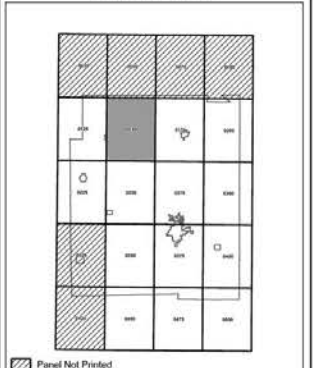
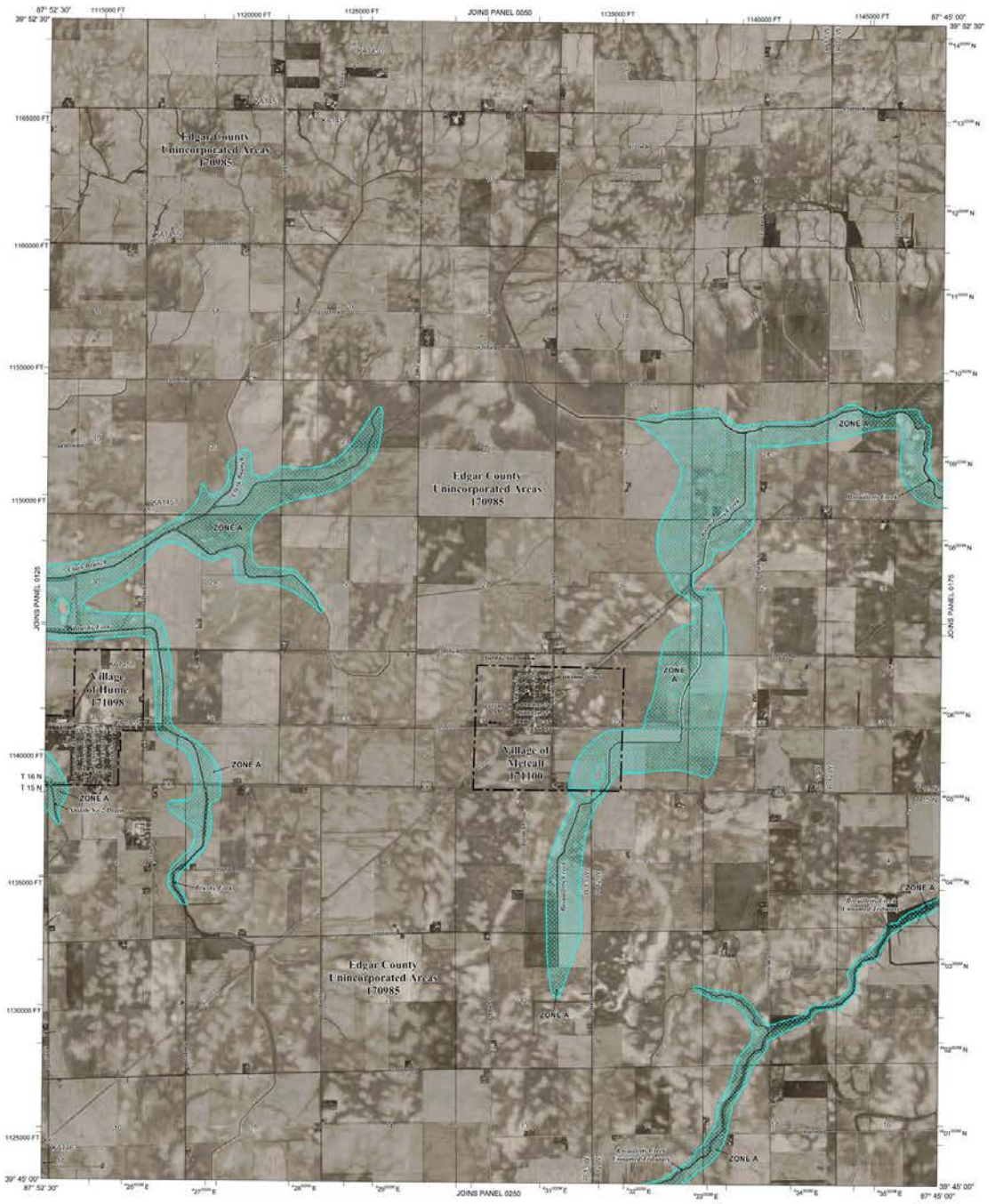
PANEL INDEX





Appendix J

LEGEND

SPECIAL FLOOD HAZARD AREAS (SFHAs) SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD

The 1% annual chance flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zones A, AE, AH, AO, AR, A99, V, and VE. The Base Flood Elevation is the water-surface elevation of the 1% annual chance flood.

- **ZONE A** — No Base Flood Elevations determined.
- **ZONE AE** — Base Flood Elevations determined.
- **ZONE AH** — Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevations determined.
- **ZONE AO** — Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding, velocities also determined.
- **ZONE AR** — Special Flood Hazard Areas formerly protected from the 1% annual chance flood by a flood control system that was subsequently decertified. Zone AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance or greater flood.
- **ZONE A99** — Area to be protected from 1% annual chance flood by a federal flood protection system under construction; no Base Flood Elevations determined.
- **ZONE V** — Coastal flood zone with velocity hazard (wave action); no Base Flood Elevations determined.
- **ZONE VE** — Coastal flood zone with velocity hazard (wave action); Base Flood Elevations determined.

FLOODWAY AREAS IN ZONE AE

The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.

OTHER FLOOD AREAS

- **ZONE X** — Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.

OTHER AREAS

- **ZONE X** — Areas determined to be outside the 0.2% annual chance floodplain.
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COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

OTHERWISE PROTECTED AREAS (OPAs)

CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.

- 1% annual chance floodplain boundary
- 0.2% annual chance floodplain boundary
- Floodway boundary
- Zone D boundary
- CBRS and OPA boundary
- Boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths or flood velocities.
- 513 — Base Flood Elevation line and value; elevation in feet*
- (EL 987) — Base Flood Elevation value where uniform within zone; elevation in feet*

*Referenced to the North American Vertical Datum of 1988

- (A) — (A) — Cross section line
- (23) — (23) — Transect line
- 45° 02' 08", 93° 02' 12" — Geographic coordinates referenced to the North American Datum of 1983 (NAD 83)
- 1000000 N — 1000-meter Universal Transverse Mercator grid values, zone 16
- 1560000 FT — 5000-foot grid tick: Illinois State Plane East Coordinate System, 1776 zone (FIPSZONE 1201) Transverse Mercator
- DX5510 — Bench mark (see explanation in Notes to Users section of this FIRM panel)
- M1.5 — River Mile

MAP REPOSITORIES
Refer to Map Repositories list on Map Index

EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP
JANUARY 19, 2011

EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL

For community map revision history prior to countywide mapping, refer to the Community Map History table located in the Flood Insurance Study report for this jurisdiction.

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MAP SCALE 1" = 2000'

1000 0 2000 4000 FEET
500 0 500 1000 METERS

NFIP
NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0150C

FIRM
FLOOD INSURANCE RATE MAP
EDGAR COUNTY, ILLINOIS
AND INCORPORATED AREAS

PANEL 150 OF 500
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS

COMMUNITY	NUMBER	PANEL	SUFFIX
EDGAR COUNTY	170985	0150	C
HUME, VILLAGE OF	170988	0150	C
METCALF, VILLAGE OF	171100	0150	C

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MAP NUMBER
17045C0150C
EFFECTIVE DATE
JANUARY 19, 2011

Federal Emergency Management Agency

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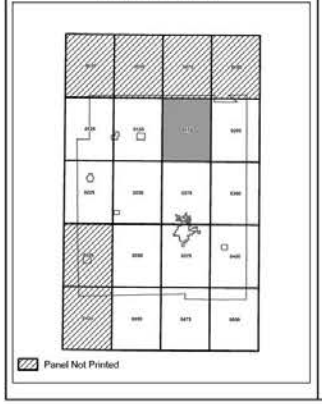
PANEL INDEX



LEGEND

SPECIAL FLOOD HAZARD AREAS (SFHAs) SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD

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OTHER FLOOD AREAS

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JANUARY 19, 2011

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NFIP
NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0175C

FIRM
FLOOD INSURANCE RATE MAP
EDGAR COUNTY, ILLINOIS
AND INCORPORATED AREAS

PANEL 175 OF 500
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS

COMMUNITY	NUMBER	PANEL	SUFFIX
CHRISMAN, CITY OF	171597	0175	C
EDGAR COUNTY	170985	0175	C

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17045C0175C
EFFECTIVE DATE
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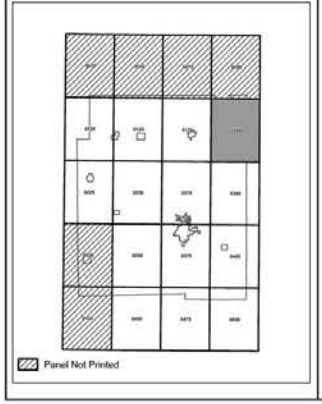

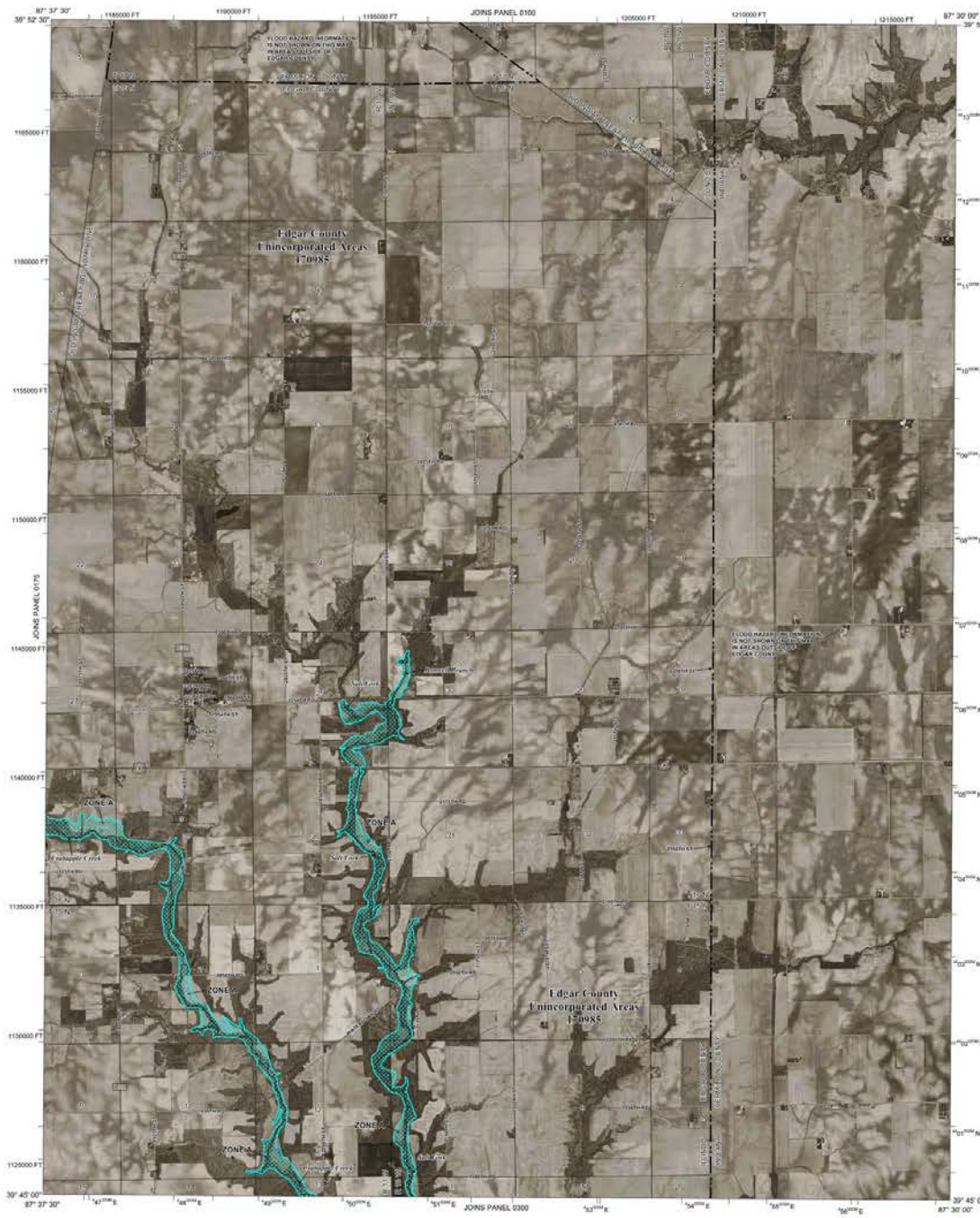

Appendix J

LEGEND

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- DX510 Bench mark (see explanation in Notes to Users section of this FIRM panel)
- M1.5 River Mile

MAP REPOSITORIES
Refer to Map Repositories list on Map Index

EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP
JANUARY 19, 2011

EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL

For community map revision history prior to countywide mapping, refer to the Community Map History table located in the Flood Insurance Study report for this jurisdiction.

To determine if flood insurance is available in this community, contact your insurance agent or call the National Flood Insurance Program at 1-800-638-6620.

MAP SCALE 1" = 2000'

1000 0 2000 4000 FEET
500 0 500 1200 METERS

NFIP
NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0200C

FIRM
FLOOD INSURANCE RATE MAP
EDGAR COUNTY, ILLINOIS
AND INCORPORATED AREAS

PANEL 200 OF 500
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS

COMMUNITY	NUMBER	PANEL	SUFFIX
EDGAR COUNTY	170985	0200	C

Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.

MAP NUMBER
17045C0200C
EFFECTIVE DATE
JANUARY 19, 2011

Federal Emergency Management Agency

NOTES TO USERS

This map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size. The **community map repository** should be consulted for possible updated or additional flood hazard information.

To obtain more detailed information in areas where **Base Flood Elevations** (BFEs) and/or **floodways** have been determined, users are encouraged to consult the Flood Profiles and Floodway Data and/or Summary of Stillwater Elevations tables contained within the Flood Insurance Study (FIS) report that accompanies this FIRM. Users should be aware that BFEs shown on the FIRM represent rounded whole-foot elevations. These BFEs are intended for flood insurance rating purposes only and should not be used as the sole source of flood elevation information. Accordingly, flood elevation data presented in the FIS report should be utilized in conjunction with the FIRM for purposes of construction and/or flood plain management.

Coastal Base Flood Elevations shown on this map apply only landward of 0.0' North American Vertical Datum of 1988 (NAVD 88). Users of this FIRM should be aware that coastal flood elevations are also provided in the Summary of Stillwater Elevations table in the Flood Insurance Study report for this jurisdiction. Elevations shown in the Summary of Stillwater Elevations table should be used for construction and/or flood plain management purposes when they are higher than the elevations shown on this FIRM.

Boundaries of the **floodways** were computed at cross sections and interpolated between cross sections. The floodways were based on hydraulic considerations with regard to requirements of the National Flood Insurance Program. Floodway widths and other pertinent floodway data are provided in the Flood Insurance Study report for this jurisdiction.

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Floodways restricted by anthropogenic features such as bridges and culverts are drawn to reflect natural conditions and may not agree with the model computed widths listed in the Floodway Data table in the Flood Insurance Study report.

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Certain areas not in Special Flood Hazard Areas may be protected by **flood control structures.** Refer to Section 2.4 "Flood Protection Measures" of the Flood Insurance Study report for information on flood control structures for this jurisdiction.

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Flood elevations on this map are referenced to the North American Vertical Datum of 1988. These flood elevations must be compared to structure and ground elevations referenced to the same **vertical datum**. For information regarding conversion between the National Geodetic Vertical Datum of 1929 and the North American Vertical Datum of 1988, visit the National Geodetic Survey website at www.ngs.noaa.gov or contact the National Geodetic Survey at the following address:

NGS Information Services, NOAA, N/NGS12
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Silver Spring, Maryland 20910-3282
(301) 713-3242

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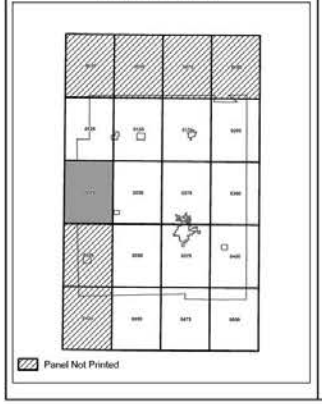
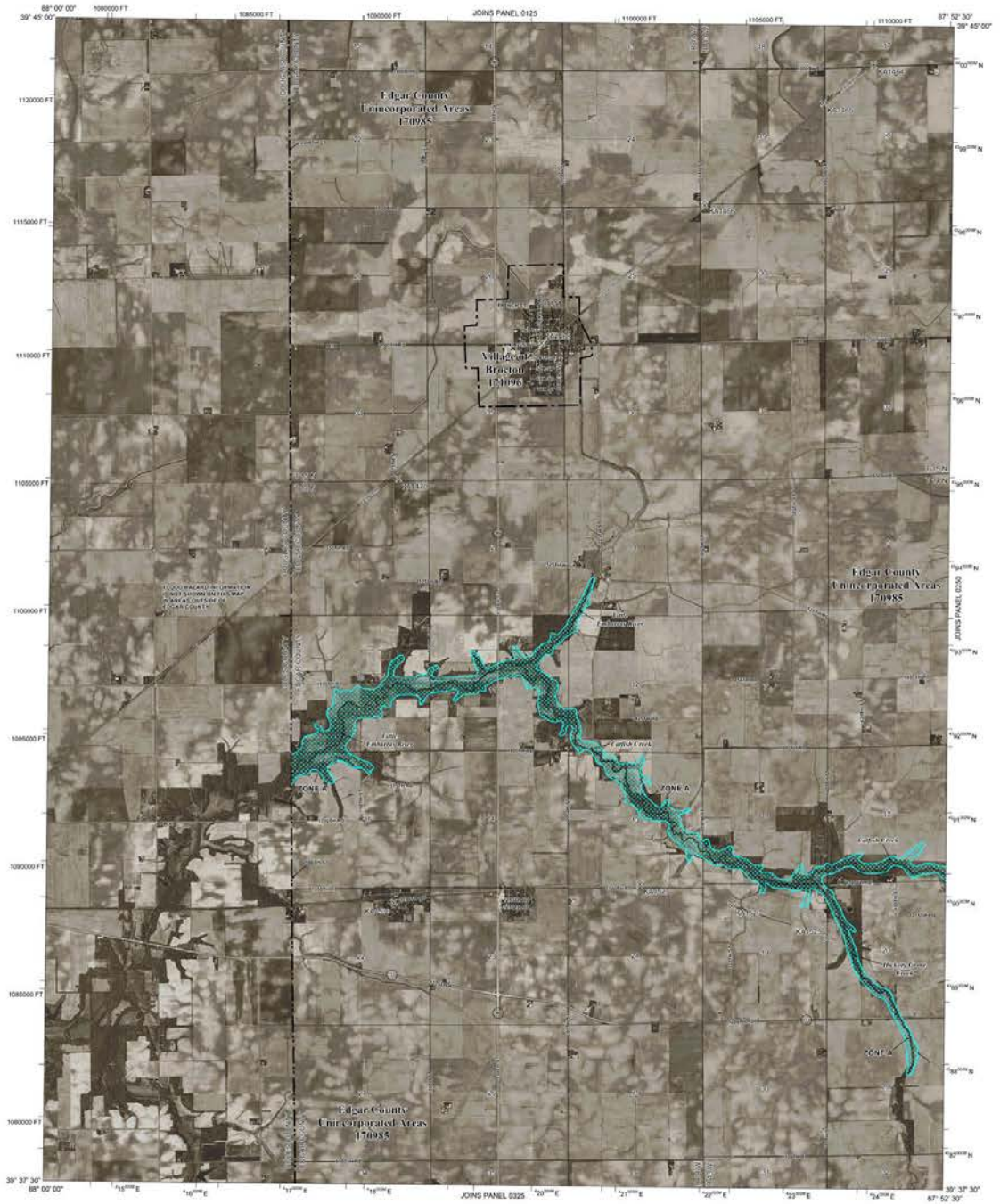
PANEL INDEX





LEGEND

SPECIAL FLOOD HAZARD AREAS (SFHAs) SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD

The 1% annual chance flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zones A, AE, AH, AO, AR, A99, V, and VE. The Base Flood Elevation is the water-surface elevation of the 1% annual chance flood.

- **ZONE A** — No Base Flood Elevations determined.
- **ZONE AE** — Base Flood Elevations determined.
- **ZONE AH** — Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevations determined.
- **ZONE AO** — Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding, velocities also determined.
- **ZONE AR** — Special Flood Hazard Areas formerly protected from the 1% annual chance flood by a flood control system that was subsequently decertified. Zone AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance or greater flood.
- **ZONE A99** — Area to be protected from 1% annual chance flood by a Federal flood protection system under construction; no Base Flood Elevations determined.
- **ZONE V** — Coastal flood zone with velocity hazard (wave action); no Base Flood Elevations determined.
- **ZONE VE** — Coastal flood zone with velocity hazard (wave action); Base Flood Elevations determined.

FLOODWAY AREAS IN ZONE AE

The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.

OTHER FLOOD AREAS

- **ZONE X** — Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.

OTHER AREAS

- **ZONE X** — Areas determined to be outside the 0.2% annual chance floodplain.
- **ZONE D** — Areas in which flood hazards are undetermined, but possible.

COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

OTHERWISE PROTECTED AREAS (OPAs)

CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.

- 1% annual chance floodplain boundary
- 0.2% annual chance floodplain boundary
- Floodway boundary
- Zone D boundary
- CBRS and OPA boundary
- Boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths or flood velocities.
- 513 — Base Flood Elevation line and value; elevation in feet*
- (EL 987) — Base Flood Elevation value where uniform within zone; elevation in feet*

*Referenced to the North American Vertical Datum of 1988

- A — A — Cross section line
- 23 — 23 — Transect line
- 45° 02' 08", 93° 02' 12" — Geographic coordinates referenced to the North American Datum of 1983 (NAD 83)
- 4900000 N — 1000-meter Universal Transverse Mercator grid values, zone 16
- 1560000 FT — 5000-foot grid tick: Illinois State Plane East Coordinate System, 1776 zone (FIPSZONE 1201) Transverse Mercator
- DX5510 — Bench mark (see explanation in Notes to Users section of this FIRM panel)
- M1.5 — River Mile

MAP REPOSITORIES
Refer to Map Repositories list on Map Index

EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP
JANUARY 19, 2011

EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL

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MAP SCALE 1" = 2000'

1000 0 2000 4000 FEET
500 0 500 1000 METERS

NFIP
NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0225C

FIRM
FLOOD INSURANCE RATE MAP
EDGAR COUNTY, ILLINOIS
AND INCORPORATED AREAS

PANEL 225 OF 500
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS

COMMUNITY	NUMBER	PANEL	SUFFIX
BROCTON, VILLAGE OF	171096	0225	C
EDGAR COUNTY	170985	0225	C

Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.

MAP NUMBER
17045C0225C
EFFECTIVE DATE
JANUARY 19, 2011

Federal Emergency Management Agency

Appendix J

NOTES TO USERS

This map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size. The **community map repository** should be consulted for possible updated or additional flood hazard information.

To obtain more detailed information in areas where **Base Flood Elevations** (BFEs) and/or **floodways** have been determined, users are encouraged to consult the Flood Profiles and Floodway Data and/or Summary of Stillwater Elevations tables contained within the Flood Insurance Study (FIS) report that accompanies this FIRM. Users should be aware that BFEs shown on the FIRM represent rounded whole-foot elevations. These BFEs are intended for flood insurance rating purposes only and should not be used as the sole source of flood elevation information. Accordingly, flood elevation data presented in the FIS report should be utilized in conjunction with the FIRM for purposes of construction and/or flood plain management.

Coastal Base Flood Elevations shown on this map apply only landward of 0.0' North American Vertical Datum of 1988 (NAVD 88). Users of this FIRM should be aware that coastal flood elevations are also provided in the Summary of Stillwater Elevations table in the Flood Insurance Study report for this jurisdiction. Elevations shown in the Summary of Stillwater Elevations table should be used for construction and/or flood plain management purposes when they are higher than the elevations shown on this FIRM.

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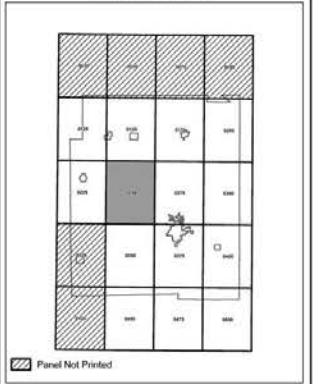
PANEL INDEX



Appendix J

LEGEND

SPECIAL FLOOD HAZARD AREAS (SFHAs) SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD

The 1% annual chance flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zones A, AE, AH, AO, AR, A99, V, and VE. The Base Flood Elevation is the water-surface elevation of the 1% annual chance flood.

ZONE A	No Base Flood Elevations determined.
ZONE AE	Base Flood Elevations determined.
ZONE AH	Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevations determined.
ZONE AO	Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding, velocities also determined.
ZONE AR	Special Flood Hazard Areas formerly protected from the 1% annual chance flood by a flood control system that was subsequently decertified. Zone AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance or greater flood.
ZONE A99	Area to be protected from 1% annual chance flood by a federal flood protection system under construction; no Base Flood Elevations determined.
ZONE V	Coastal flood zone with velocity hazard (wave action); no Base Flood Elevations determined.
ZONE VE	Coastal flood zone with velocity hazard (wave action); Base Flood Elevations determined.

FLOODWAY AREAS IN ZONE AE

The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.

OTHER FLOOD AREAS

ZONE X	Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.

OTHER AREAS

ZONE X	Areas determined to be outside the 0.2% annual chance floodplain.
ZONE D	Areas in which flood hazards are undetermined, but possible.

COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

OTHERWISE PROTECTED AREAS (OPAs)

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- 1% annual chance floodplain boundary
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- Floodway boundary
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- 513 — Base Flood Elevation line and value; elevation in feet*
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MAP REPOSITORIES
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EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP
JANUARY 19, 2011

EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL

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MAP SCALE 1" = 2000'

1000 0 2000 4000 FEET
500 0 500 1000 METERS

NFIP
NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0250C

FIRM
FLOOD INSURANCE RATE MAP
EDGAR COUNTY, ILLINOIS
AND INCORPORATED AREAS

PANEL 250 OF 500
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS

COMMUNITY	NUMBER	PANEL	SUFFIX
EDGAR COUNTY	170985	0250	C
REDMON, VILLAGE OF	171101	0250	C

Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.

MAP NUMBER
17045C0250C
EFFECTIVE DATE
JANUARY 19, 2011

Federal Emergency Management Agency

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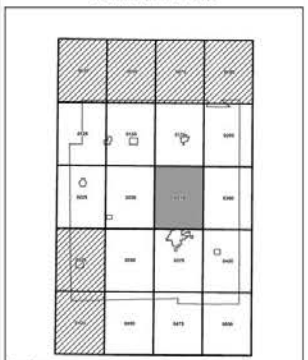
PANEL INDEX



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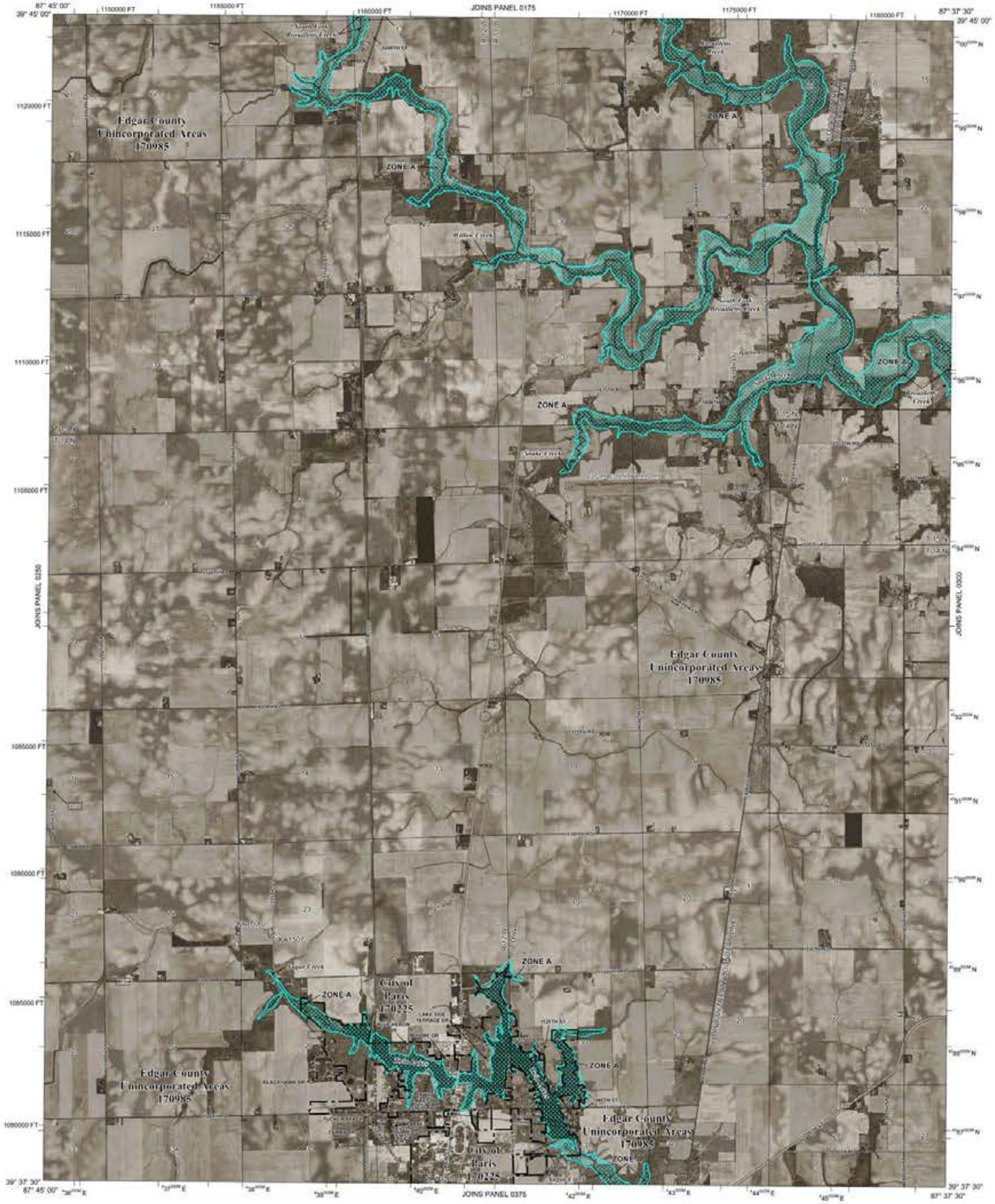

Appendix J

LEGEND

SPECIAL FLOOD HAZARD AREAS (SFHAs) SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD

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ZONE V	Coastal flood zone with velocity hazard (wave action); no Base Flood Elevations determined.
ZONE VE	Coastal flood zone with velocity hazard (wave action); Base Flood Elevations determined.

FLOODWAY AREAS IN ZONE AE

The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.

OTHER FLOOD AREAS

ZONE X	Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.

OTHER AREAS

ZONE X	Areas determined to be outside the 0.2% annual chance floodplain.
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COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

OTHERWISE PROTECTED AREAS (OPAs)

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- Zone D boundary
- CBRS and OPA boundary
- Boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths or flood velocities.
- 513 — Base Flood Elevation line and value; elevation in feet*
- (EL 987) — Base Flood Elevation value where uniform within zone; elevation in feet*

*Referenced to the North American Vertical Datum of 1988

- (A)—(A) Cross section line
- (23)- - -(23) Transect line
- 45° 02' 08", 93° 02' 12" — Geographic coordinates referenced to the North American Datum of 1983 (NAD 83)
- ^{42}89^{000m}N — 1000-meter Universal Transverse Mercator grid values, zone 16
- 1560000 FT — 5000-foot grid ticks: Illinois State Plane East Coordinate System, 1776 zone (FIPSZONE 1201) Transverse Mercator
- DX5510 — Bench mark (see explanation in Notes to Users section of this FIRM panel)
- • M1.5 — River Mile

MAP REPOSITORIES
Refer to Map Repositories list on Map Index

EFFECTIVE DATE OF COUNTYWIDE
FLOOD INSURANCE RATE MAP
JANUARY 19, 2011

EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL

For community map revision history prior to countywide mapping, refer to the Community Map History table located in the Flood Insurance Study report for this jurisdiction.

To determine if flood insurance is available in this community, contact your insurance agent or call the National Flood Insurance Program at 1-800-638-6620.

MAP SCALE 1" = 2000'

1000 0 2000 4000 FEET

600 0 600 1200 METERS

NFIP
NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0275C

FIRM
FLOOD INSURANCE RATE MAP
EDGAR COUNTY, ILLINOIS
AND INCORPORATED AREAS

PANEL 275 OF 500

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
EDGAR COUNTY	170985	0275	C
PARIS, CITY OF	170225	0275	C

Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.

MAP NUMBER
17045C0275C

EFFECTIVE DATE
JANUARY 19, 2011

Federal Emergency Management Agency

NOTES TO USERS

This map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size. The **community map repository** should be consulted for possible updated or additional flood hazard information.

To obtain more detailed information in areas where **Base Flood Elevations** (BFEs) and/or **floodways** have been determined, users are encouraged to consult the Flood Profiles and Floodway Data and/or Summary of Stillwater Elevations tables contained within the Flood Insurance Study (FIS) report that accompanies this FIRM. Users should be aware that BFEs shown on the FIRM represent rounded whole-foot elevations. These BFEs are intended for flood insurance rating purposes only and should not be used as the sole source of flood elevation information. Accordingly, flood elevation data presented in the FIS report should be utilized in conjunction with the FIRM for purposes of construction and/or flood plain management.

Coastal Base Flood Elevations shown on this map apply only landward of 0.0' North American Vertical Datum of 1988 (NAVD 88). Users of this FIRM should be aware that coastal flood elevations are also provided in the Summary of Stillwater Elevations table in the Flood Insurance Study report for this jurisdiction. Elevations shown in the Summary of Stillwater Elevations table should be used for construction and/or flood plain management purposes when they are higher than the elevations shown on this FIRM.

Boundaries of the **floodways** were computed at cross sections and interpolated between cross sections. The floodways were based on hydraulic considerations with regard to requirements of the National Flood Insurance Program. Floodway widths and other pertinent floodway data are provided in the Flood Insurance Study report for this jurisdiction.

In the State of Illinois, any portion of a stream or watercourse that lies within the **floodway fringe** of a studied (AE) stream may have a state regulated floodway. The FIRM may not depict these state regulated floodways.

Floodways restricted by anthropogenic features such as bridges and culverts are drawn to reflect natural conditions and may not agree with the model computed widths listed in the Floodway Data table in the Flood Insurance Study report.

Multiple **topographic sources** may have been used in the delineation of Special Flood Hazard Areas. See Flood Insurance Study report for details on source resolution and geographic extent.

Certain areas not in Special Flood Hazard Areas may be protected by **flood control structures**. Refer to Section 2.4 "Flood Protection Measures" of the Flood Insurance Study report for information on flood control structures for this jurisdiction.

The **projection** used in the preparation of this map was Universal Transverse Mercator (UTM) zone 16. The **horizontal datum** was NAD 83, GRS80 spheroid. Differences in datum, spheroid, projection or UTM zones used in the production of FIRMs for adjacent jurisdictions may result in slight positional differences in map features across jurisdiction boundaries. These differences do not affect the accuracy of this FIRM.

Flood elevations on this map are referenced to the North American Vertical Datum of 1988. These flood elevations must be compared to structure and ground elevations referenced to the same **vertical datum**. For information regarding conversion between the National Geodetic Vertical Datum of 1929 and the North American Vertical Datum of 1988, visit the National Geodetic Survey website at www.ngs.noaa.gov or contact the National Geodetic Survey at the following address:

NGS Information Services, NOAA, N/NGS12
National Geodetic Survey SSMC-3, #9202
1315 East-West Highway
Silver Spring, Maryland 20910-3282
(301) 713-3242

To obtain current elevation, description, and/or location for **bench marks** shown on this map, please contact the Information Services Branch of the National Geodetic Survey at (301) 713-3242, or visit its website at www.ngs.noaa.gov.

Base map information shown on this FIRM was provided in digital format by the United States Geological Survey. Digital orthoimagery with a spatial resolution of 0.5 meter ground sample distance were photogrammetrically compiled from aerial photography acquired during the leaf-off period of spring 2005.

This map reflects more detailed and up-to-date **stream channel configurations** than those shown on the previous FIRM for this jurisdiction. The Special Flood Hazard Areas and floodways that were transferred from the previous FIRM may have been adjusted to conform to these new stream channel configurations. As a result, the Flood Profiles and Floodway Data tables in the Flood Insurance Study report (which contains authoritative hydraulic data) may reflect stream channel distances that differ from what is shown on this map.

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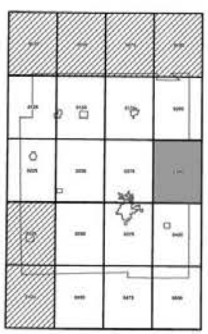
PANEL INDEX



Panel Not Printed

Appendix J

LEGEND

SPECIAL FLOOD HAZARD AREAS (SFHAs) SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD

The 1% annual chance flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zones A, AE, AH, AO, AR, A99, V, and VE. The Base Flood Elevation is the water-surface elevation of the 1% annual chance flood.

ZONE A	No Base Flood Elevations determined.
ZONE AE	Base Flood Elevations determined.
ZONE AH	Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevations determined.
ZONE AO	Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding, velocities also determined.
ZONE AR	Special Flood Hazard Areas formerly protected from the 1% annual chance flood by a flood control system that was subsequently decertified. Zone AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance or greater flood.
ZONE A99	Area to be protected from 1% annual chance flood by a Federal flood protection system under construction; no Base Flood Elevations determined.
ZONE V	Coastal flood zone with velocity hazard (wave action); no Base Flood Elevations determined.
ZONE VE	Coastal flood zone with velocity hazard (wave action); Base Flood Elevations determined.

FLOODWAY AREAS IN ZONE AE

The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.

OTHER FLOOD AREAS

ZONE X	Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.

OTHER AREAS

ZONE X	Areas determined to be outside the 0.2% annual chance floodplain.
ZONE D	Areas in which flood hazards are undetermined, but possible.

COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

OTHERWISE PROTECTED AREAS (OPAs)

CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.

	1% annual chance floodplain boundary
	0.2% annual chance floodplain boundary
	Floodway boundary
	Zone D boundary
	CBRS and OPA boundary
	Boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths or flood velocities.
513	Base Flood Elevation line and value; elevation in feet*
(EL 987)	Base Flood Elevation value where uniform within zone; elevation in feet*

*Referenced to the North American Vertical Datum of 1988

(A)—(A)	Cross section line
(23)- - -(23)	Transect line
45° 02' 08", 93° 02' 12"	Geographic coordinates referenced to the North American Datum of 1983 (NAD 83)
4989000mN	1000-meter Universal Transverse Mercator grid values, zone 16
1560000 FT	5000-foot grid ticks: Illinois State Plane East Coordinate System, 3776 zone (FIPSZONE 1201) Transverse Mercator
DX5510	Bench mark (see explanation in Notes to Users section of this FIRM panel)
• M1.5	River Mile

MAP REPOSITORIES
Refer to Map Repositories list on Map Index

EFFECTIVE DATE OF COUNTYWIDE
FLOOD INSURANCE RATE MAP
JANUARY 19, 2011

EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL

For community map revision history prior to countywide mapping, refer to the Community Map History table located in the Flood Insurance Study report for this jurisdiction.

To determine if flood insurance is available in this community, contact your insurance agent or call the National Flood Insurance Program at 1-800-638-6620.

MAP SCALE 1" = 2000'

1000 0 2000 4000 FEET

600 0 600 1200 METERS

NFIP

NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0300C

FIRM
FLOOD INSURANCE RATE MAP
EDGAR COUNTY, ILLINOIS
AND INCORPORATED AREAS

PANEL 300 OF 500

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
EDGAR COUNTY	170985	0300	C

Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.

MAP NUMBER
17045C0300C

EFFECTIVE DATE
JANUARY 19, 2011

Federal Emergency Management Agency

NOTES TO USERS

This map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size. The **community map repository** should be consulted for possible updated or additional flood hazard information.

To obtain more detailed information in areas where **Base Flood Elevations** (BFEs) and/or **floodways** have been determined, users are encouraged to consult the Flood Profiles and Floodway Data and/or Summary of Stillwater Elevations tables contained within the Flood Insurance Study (FIS) report that accompanies this FIRM. Users should be aware that BFEs shown on the FIRM represent rounded whole-foot elevations. These BFEs are intended for flood insurance rating purposes only and should not be used as the sole source of flood elevation information. Accordingly, flood elevation data presented in the FIS report should be utilized in conjunction with the FIRM for purposes of construction and/or flood plain management.

Coastal Base Flood Elevations shown on this map apply only landward of 0.0' North American Vertical Datum of 1988 (NAVD 88). Users of this FIRM should be aware that coastal flood elevations are also provided in the Summary of Stillwater Elevations table in the Flood Insurance Study report for this jurisdiction. Elevations shown in the Summary of Stillwater Elevations table should be used for construction and/or flood plain management purposes when they are higher than the elevations shown on this FIRM.

Boundaries of the **floodways** were computed at cross sections and interpolated between cross sections. The floodways were based on hydraulic considerations with regard to requirements of the National Flood Insurance Program. Floodway widths and other pertinent floodway data are provided in the Flood Insurance Study report for this jurisdiction.

In the State of Illinois, any portion of a stream or watercourse that lies within the **floodway fringe** of a studied (AE) stream may have a state regulated floodway. The FIRM may not depict these state regulated floodways.

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Multiple **topographic sources** may have been used in the delineation of Special Flood Hazard Areas. See Flood Insurance Study report for details on source resolution and geographic extent.

Certain areas not in Special Flood Hazard Areas may be protected by **flood control structures**. Refer to Section 2.4 "Flood Protection Measures" of the Flood Insurance Study report for information on flood control structures for this jurisdiction.

The **projection** used in the preparation of this map was Universal Transverse Mercator (UTM) zone 16. The **horizontal datum** was NAD 83, GRS80 spheroid. Differences in datum, spheroid, projection or UTM zones used in the production of FIRMs for adjacent jurisdictions may result in slight positional differences in map features across jurisdiction boundaries. These differences do not affect the accuracy of this FIRM.

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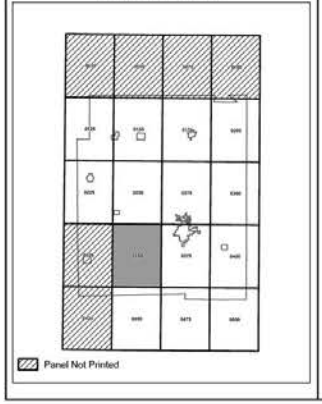
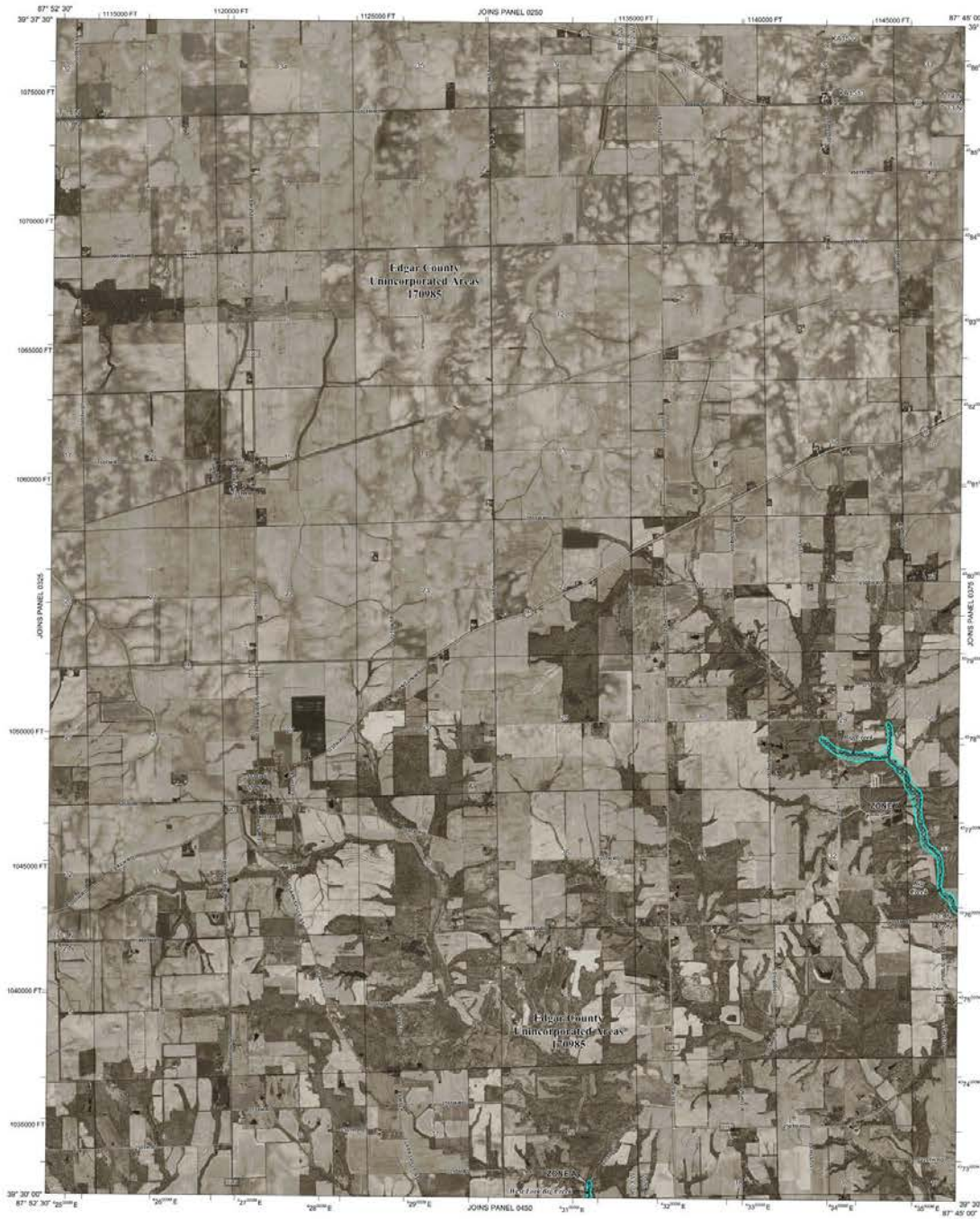
PANEL INDEX





LEGEND

SPECIAL FLOOD HAZARD AREAS (SFHAs) SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD

The 1% annual chance flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zones A, AE, AH, AO, AR, A99, V, and VE. The Base Flood Elevation is the water-surface elevation of the 1% annual chance flood.

- **ZONE A** — No Base Flood Elevations determined.
- **ZONE AE** — Base Flood Elevations determined.
- **ZONE AH** — Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevations determined.
- **ZONE AO** — Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding, velocities also determined.
- **ZONE AR** — Special Flood Hazard Areas formerly protected from the 1% annual chance flood by a flood control system that was subsequently decertified. Zone AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance or greater flood.
- **ZONE A99** — Area to be protected from 1% annual chance flood by a Federal flood protection system under construction; no Base Flood Elevations determined.
- **ZONE V** — Coastal flood zone with velocity hazard (wave action); no Base Flood Elevations determined.
- **ZONE VE** — Coastal flood zone with velocity hazard (wave action); Base Flood Elevations determined.

FLOODWAY AREAS IN ZONE AE

The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.

OTHER FLOOD AREAS

- **ZONE X** — Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.

OTHER AREAS

- **ZONE X** — Areas determined to be outside the 0.2% annual chance floodplain.
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COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

OTHERWISE PROTECTED AREAS (OPAs)

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- 1% annual chance floodplain boundary
- 0.2% annual chance floodplain boundary
- Floodway boundary
- Zone D boundary
- CBRS and OPA boundary
- Boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths or flood velocities.
- 513 — Base Flood Elevation line and value; elevation in feet*
- (EL 987) — Base Flood Elevation value where uniform within zone; elevation in feet*

*Referenced to the North American Vertical Datum of 1988

- A — A — Cross section line
- 23 — 23 — Transect line
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- DX5510 — Bench mark (see explanation in Notes to Users section of this FIRM panel)
- M1.5 — River Mile

MAP REPOSITORIES
Refer to Map Repositories list on Map Index

EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP
JANUARY 19, 2011

EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL

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MAP SCALE 1" = 2000'

1000 0 2000 4000 FEET
500 0 500 1000 METERS

NFIP
NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0350C

FIRM
FLOOD INSURANCE RATE MAP
EDGAR COUNTY, ILLINOIS
AND INCORPORATED AREAS

PANEL 350 OF 500
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS

COMMUNITY	NUMBER	PANEL	SUFFIX
EDGAR COUNTY	170985	0350	C

Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.

MAP NUMBER
17045C0350C
EFFECTIVE DATE
JANUARY 19, 2011

Federal Emergency Management Agency

NOTES TO USERS

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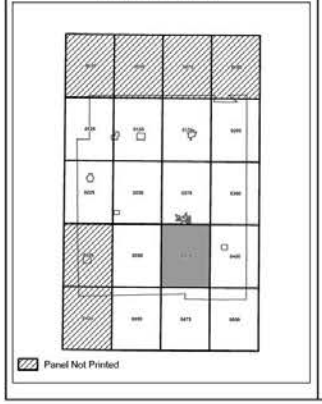

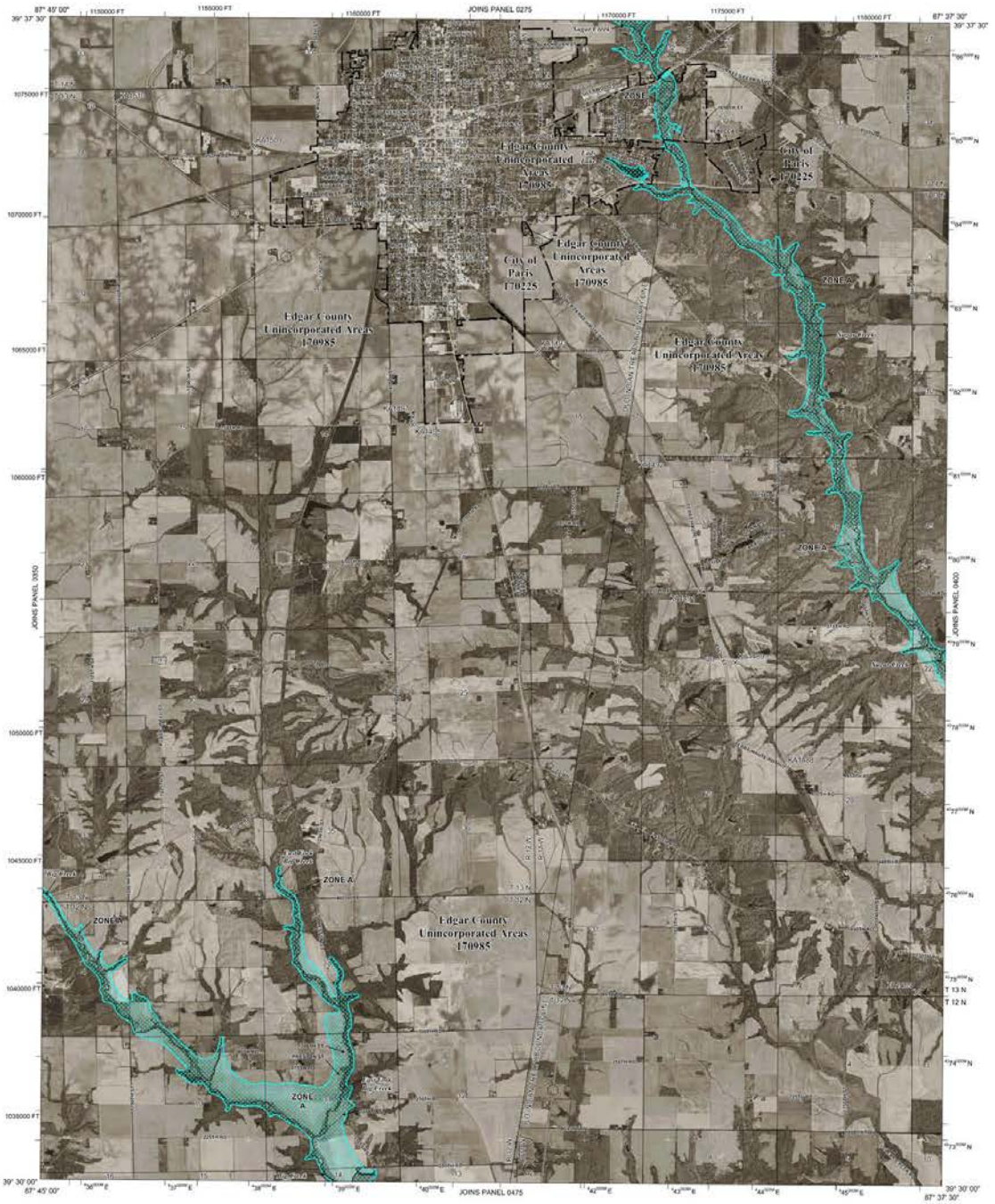

LEGEND

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The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.

OTHER FLOOD AREAS

- **ZONE X** Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.

OTHER AREAS

- **ZONE X** Areas determined to be outside the 0.2% annual chance floodplain.
- **ZONE D** Areas in which flood hazards are undetermined, but possible.

COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

OTHERWISE PROTECTED AREAS (OPAs)

CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.

- 1% annual chance floodplain boundary
- 0.2% annual chance floodplain boundary
- Floodway boundary
- Zone D boundary
- CBRS and OPA boundary
- Boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths or flood velocities.
- 513 — Base Flood Elevation line and value; elevation in feet*
- (EL 987) — Base Flood Elevation value where uniform within zone; elevation in feet*

*Referenced to the North American Vertical Datum of 1988

- A — A — Cross section line
- 23 — 23 — Transect line
- 45° 02' 08", 93° 02' 12" — Geographic coordinates referenced to the North American Datum of 1983 (NAD 83)
- 1000-meter Universal Transverse Mercator grid values, zone 16
- 5000-foot grid tick: Illinois State Plane East Coordinate System, 1776 zone (FIPS0ZNE 1201) Transverse Mercator
- DX5510 — Bench mark (see explanation in Notes to Users section of this FIRM panel)
- M1.5 — River Mile

MAP REPOSITORIES
Refer to Map Repositories list on Map Index

EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP
JANUARY 19, 2011

EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL

For community map revision history prior to countywide mapping, refer to the Community Map History table located in the Flood Insurance Study report for this jurisdiction.

To determine if flood insurance is available in this community, contact your insurance agent or call the National Flood Insurance Program at 1-800-638-6620.

MAP SCALE 1" = 2000'

1000 0 2000 4000 FEET
500 0 500 1200 METERS

NFIP
NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0375C

FIRM
FLOOD INSURANCE RATE MAP
EDGAR COUNTY, ILLINOIS
AND INCORPORATED AREAS

PANEL 375 OF 500
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS

COMMUNITY	NUMBER	PANEL	SUFFIX
EDGAR COUNTY	170985	0375	C
PARIS, CITY OF	170225	0375	C

Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.

MAP NUMBER
17045C0375C
EFFECTIVE DATE
JANUARY 19, 2011

Federal Emergency Management Agency

NOTES TO USERS

This map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size. The **community map repository** should be consulted for possible updated or additional flood hazard information.

To obtain more detailed information in areas where **Base Flood Elevations** (BFEs) and/or **floodways** have been determined, users are encouraged to consult the Flood Profiles and Floodway Data and/or Summary of Stillwater Elevations tables contained within the Flood Insurance Study (FIS) report that accompanies this FIRM. Users should be aware that BFEs shown on the FIRM represent rounded whole-foot elevations. These BFEs are intended for flood insurance rating purposes only and should not be used as the sole source of flood elevation information. Accordingly, flood elevation data presented in the FIS report should be utilized in conjunction with the FIRM for purposes of construction and/or flood plain management.

Coastal Base Flood Elevations shown on this map apply only landward of 0.0' North American Vertical Datum of 1988 (NAVD 88). Users of this FIRM should be aware that coastal flood elevations are also provided in the Summary of Stillwater Elevations table in the Flood Insurance Study report for this jurisdiction. Elevations shown in the Summary of Stillwater Elevations table should be used for construction and/or flood plain management purposes when they are higher than the elevations shown on this FIRM.

Boundaries of the **floodways** were computed at cross sections and interpolated between cross sections. The floodways were based on hydraulic considerations with regard to requirements of the National Flood Insurance Program. Floodway widths and other pertinent floodway data are provided in the Flood Insurance Study report for this jurisdiction.

In the State of Illinois, any portion of a stream or watercourse that lies within the **floodway fringe** of a studied (AE) stream may have a state regulated floodway. The FIRM may not depict these state regulated floodways.

Floodways restricted by anthropogenic features such as bridges and culverts are drawn to reflect natural conditions and may not agree with the model computed widths listed in the Floodway Data table in the Flood Insurance Study report.

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Certain areas not in Special Flood Hazard Areas may be protected by **flood control structures**. Refer to Section 2.4 "Flood Protection Measures" of the Flood Insurance Study report for information on flood control structures for this jurisdiction.

The **projection** used in the preparation of this map was Universal Transverse Mercator (UTM) zone 16. The **horizontal datum** was NAD 83, GRS80 spheroid. Differences in datum, spheroid, projection or UTM zones used in the production of FIRMs for adjacent jurisdictions may result in slight positional differences in map features across jurisdiction boundaries. These differences do not affect the accuracy of this FIRM.

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NGS Information Services, NOAA, N/NGS12
National Geodetic Survey SSMC-3, #9202
1315 East-West Highway
Silver Spring, Maryland 20910-3282
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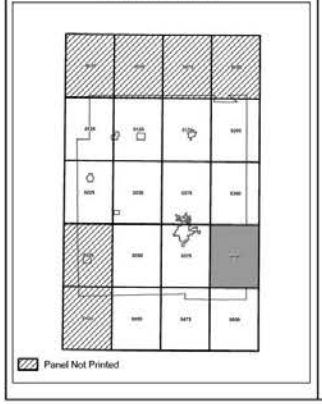
PANEL INDEX



Appendix J

LEGEND

SPECIAL FLOOD HAZARD AREAS (SFHAs) SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD

The 1% annual chance flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zones A, AE, AH, AO, AR, A99, V, and VE. The Base Flood Elevation is the water-surface elevation of the 1% annual chance flood.

- **ZONE A** — No Base Flood Elevations determined.
- **ZONE AE** — Base Flood Elevations determined.
- **ZONE AH** — Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevations determined.
- **ZONE AO** — Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding, velocities also determined.
- **ZONE AR** — Special Flood Hazard Areas formerly protected from the 1% annual chance flood by a flood control system that was subsequently decertified. Zone AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance or greater flood.
- **ZONE A99** — Area to be protected from 1% annual chance flood by a Federal flood protection system under construction; no Base Flood Elevations determined.
- **ZONE V** — Coastal flood zone with velocity hazard (wave action); no Base Flood Elevations determined.
- **ZONE VE** — Coastal flood zone with velocity hazard (wave action); Base Flood Elevations determined.

FLOODWAY AREAS IN ZONE AE

The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.

OTHER FLOOD AREAS

- **ZONE X** — Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.

OTHER AREAS

- **ZONE X** — Areas determined to be outside the 0.2% annual chance floodplain.
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COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

OTHERWISE PROTECTED AREAS (OPAs)

CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.

- 1% annual chance floodplain boundary
- 0.2% annual chance floodplain boundary
- Floodway boundary
- Zone D boundary
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- Boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths or flood velocities.
- 513 — Base Flood Elevation line and value; elevation in feet*
- (EL 987) — Base Flood Elevation value where uniform within zone; elevation in feet*

*Referenced to the North American Vertical Datum of 1988

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- M1.5 — River Mile

MAP REPOSITORIES
Refer to Map Repositories list on Map Index

EFFECTIVE DATE OF COUNTYWIDE
FLOOD INSURANCE RATE MAP
JANUARY 19, 2011

EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL

For community map revision history prior to countywide mapping, refer to the Community Map History table located in the Flood Insurance Study report for this jurisdiction.

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MAP SCALE 1" = 2000'

1000 0 2000 4000 FEET
500 0 500 1000 METERS

NFIP
NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0400C

FIRM
FLOOD INSURANCE RATE MAP
EDGAR COUNTY, ILLINOIS
AND INCORPORATED AREAS

PANEL 400 OF 500

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS

COMMUNITY	NUMBER	PANEL	SUFFIX
EDGAR COUNTY	170985	0400	C
VERMILION, VILLAGE OF	171152	0400	C

Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.

MAP NUMBER
17045C0400C
EFFECTIVE DATE
JANUARY 19, 2011

Federal Emergency Management Agency

NOTES TO USERS

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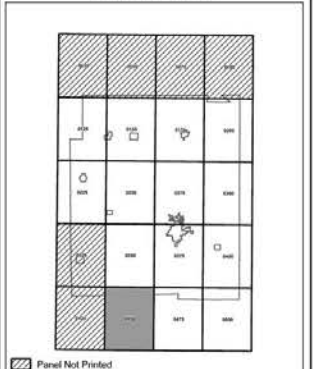
PANEL INDEX



LEGEND

SPECIAL FLOOD HAZARD AREAS (SFHAs) SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD

The 1% annual chance flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zones A, AE, AH, AO, AR, A99, V, and VE. The Base Flood Elevation is the water-surface elevation of the 1% annual chance flood.

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- **ZONE V** Coastal flood zone with velocity hazard (wave action); no Base Flood Elevations determined.
- **ZONE VE** Coastal flood zone with velocity hazard (wave action); Base Flood Elevations determined.

FLOODWAY AREAS IN ZONE AE

The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.

OTHER FLOOD AREAS

- **ZONE X** Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.

OTHER AREAS

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COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

OTHERWISE PROTECTED AREAS (OPAs)

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MAP REPOSITORIES
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EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP
JANUARY 19, 2011

EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL

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MAP SCALE 1" = 2000'

1000 0 2000 4000 FEET
500 0 500 1000 METERS

NFIP
NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0450C

FIRM
FLOOD INSURANCE RATE MAP
EDGAR COUNTY, ILLINOIS
AND INCORPORATED AREAS

PANEL 450 OF 500
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS

COMMUNITY	NUMBER	PANEL	SUFFIX
EDGAR COUNTY	170985	0450	C

Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.

MAP NUMBER
17045C0450C
EFFECTIVE DATE
JANUARY 19, 2011

Federal Emergency Management Agency

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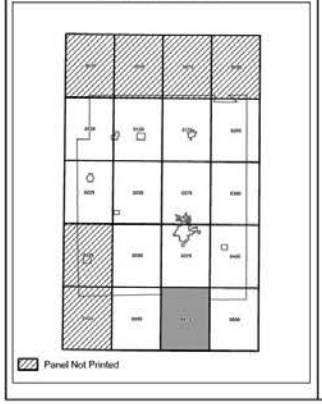
PANEL INDEX



LEGEND

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OTHER FLOOD AREAS

ZONE X Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.

OTHER AREAS

ZONE X Areas determined to be outside the 0.2% annual chance floodplain.
ZONE D Areas in which flood hazards are undetermined, but possible.

COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

OTHERWISE PROTECTED AREAS (OPAs)

CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.

1% annual chance floodplain boundary
0.2% annual chance floodplain boundary
Floodway boundary
Zone D boundary
CBRS and OPA boundary
Boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths or flood velocities.
513 Base Flood Elevation line and value; elevation in feet*
(EL 987) Base Flood Elevation value where uniform within zone; elevation in feet*

*Referenced to the North American Vertical Datum of 1988

A — A Cross section line
23 — 23 Transect line
45° 02' 08", 93° 02' 12" Geographic coordinates referenced to the North American Datum of 1983 (NAD 83)
4275000 mN 1000-meter Universal Transverse Mercator grid values, zone 16
1560000 FT 5000-foot grid tick: Illinois State Plane East Coordinate System, 1776 zone (FIPS 0402) (201) Transverse Mercator
DX5510 Bench mark (see explanation in Notes to Users section of this FIRM panel)
M1.5 River Mile

MAP REPOSITORIES
Refer to Map Repositories list on Map Index

EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP
JANUARY 19, 2011

EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL

For community map revision history prior to countywide mapping, refer to the Community Map History table located in the Flood Insurance Study report for this jurisdiction.

To determine if flood insurance is available in this community, contact your insurance agent or call the National Flood Insurance Program at 1-800-638-6620.

MAP SCALE 1" = 2000'

1000 0 2000 4000 FEET
500 0 500 1000 METERS

NFIP
NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0475C

FIRM
FLOOD INSURANCE RATE MAP
EDGAR COUNTY, ILLINOIS
AND INCORPORATED AREAS

PANEL 475 OF 500
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS

COMMUNITY	NUMBER	PANEL	SUFFIX
EDGAR COUNTY	170985	0475	C

Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.

MAP NUMBER
17045C0475C
EFFECTIVE DATE
JANUARY 19, 2011

Federal Emergency Management Agency

NOTES TO USERS

This map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size. The **community map repository** should be consulted for possible updated or additional flood hazard information.

To obtain more detailed information in areas where **Base Flood Elevations** (BFEs) and/or **floodways** have been determined, users are encouraged to consult the Flood Profiles and Floodway Data and/or Summary of Stillwater Elevations tables contained within the Flood Insurance Study (FIS) report that accompanies this FIRM. Users should be aware that BFEs shown on the FIRM represent rounded whole-foot elevations. These BFEs are intended for flood insurance rating purposes only and should not be used as the sole source of flood elevation information. Accordingly, flood elevation data presented in the FIS report should be utilized in conjunction with the FIRM for purposes of construction and/or flood plain management.

Coastal Base Flood Elevations shown on this map apply only landward of 0.0' North American Vertical Datum of 1988 (NAVD 88). Users of this FIRM should be aware that coastal flood elevations are also provided in the Summary of Stillwater Elevations table in the Flood Insurance Study report for this jurisdiction. Elevations shown in the Summary of Stillwater Elevations table should be used for construction and/or flood plain management purposes when they are higher than the elevations shown on this FIRM.

Boundaries of the **floodways** were computed at cross sections and interpolated between cross sections. The floodways were based on hydraulic considerations with regard to requirements of the National Flood Insurance Program. Floodway widths and other pertinent floodway data are provided in the Flood Insurance Study report for this jurisdiction.

In the State of Illinois, any portion of a stream or watercourse that lies within the **floodway fringe** of a studied (AE) stream may have a state regulated floodway. The FIRM may not depict these state regulated floodways.

Floodways restricted by anthropogenic features such as bridges and culverts are drawn to reflect natural conditions and may not agree with the model computed widths listed in the Floodway Data table in the Flood Insurance Study report.

Multiple **topographic sources** may have been used in the delineation of Special Flood Hazard Areas. See Flood Insurance Study report for details on source resolution and geographic extent.

Certain areas not in Special Flood Hazard Areas may be protected by **flood control structures**. Refer to Section 2.4 "Flood Protection Measures" of the Flood Insurance Study report for information on flood control structures for this jurisdiction.

The **projection** used in the preparation of this map was Universal Transverse Mercator (UTM) zone 16. The **horizontal datum** was NAD 83, GRS80 spheroid. Differences in datum, spheroid, projection or UTM zones used in the production of FIRMs for adjacent jurisdictions may result in slight positional differences in map features across jurisdiction boundaries. These differences do not affect the accuracy of this FIRM.

Flood elevations on this map are referenced to the North American Vertical Datum of 1988. These flood elevations must be compared to structure and ground elevations referenced to the same **vertical datum**. For information regarding conversion between the National Geodetic Vertical Datum of 1929 and the North American Vertical Datum of 1988, visit the National Geodetic Survey website at www.ngs.noaa.gov or contact the National Geodetic Survey at the following address:

NGS Information Services, NOAA, N/NGS12
National Geodetic Survey SSMC-3, #9202
1315 East-West Highway
Silver Spring, Maryland 20910-3282
(301) 713-3242

To obtain current elevation, description, and/or location for **bench marks** shown on this map, please contact the Information Services Branch of the National Geodetic Survey at (301) 713-3242, or visit its website at www.ngs.noaa.gov.

Base map information shown on this FIRM was provided in digital format by the United States Geological Survey. Digital orthoimagery with a spatial resolution of 0.5 meter ground sample distance were photogrammetrically compiled from aerial photography acquired during the leaf-off period of spring 2005.

This map reflects more detailed and up-to-date **stream channel configurations** than those shown on the previous FIRM for this jurisdiction. The Special Flood Hazard Areas and floodways that were transferred from the previous FIRM may have been adjusted to conform to these new stream channel configurations. As a result, the Flood Profiles and Floodway Data tables in the Flood Insurance Study report (which contains authoritative hydraulic data) may reflect stream channel distances that differ from what is shown on this map.

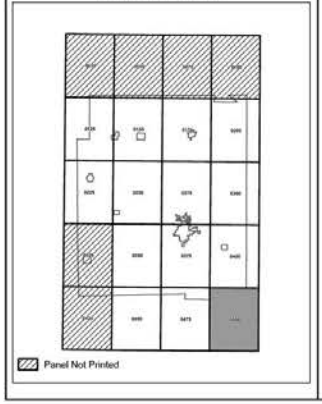
Corporate limits shown on this map are based on the best data available at the time of publication. Because changes due to annexations or de-annexations may have occurred after this map was published, map users should contact appropriate community officials to verify current corporate limit locations.

Please refer to the separately printed **Map Index** for an overview map of the county showing the layout of map panels; community map repository addresses; and a Listing of Communities table containing National Flood Insurance Program dates for each community as well as a listing of the panels on which each community is located.

For information on available products associated with this FIRM visit the Map Service Center (MSC) website at http://msc.fema.gov. Available products may include previously issued Letters of Map Change, a Flood Insurance Study Report, and/or digital versions of this map. Many of these products can be ordered or obtained directly from the MSC website.

If you have **questions about this map**, how to order products or the National Flood Insurance Program in general, please call the **FEMA Map Information eXchange (FMIX)** at 1-877-FEMA-MAP (1-877-336-2627) or visit the FEMA website at http://www.fema.gov/business/nfip.

PANEL INDEX



LEGEND

SPECIAL FLOOD HAZARD AREAS (SFHAs) SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD

The 1% annual chance flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zones A, AE, AH, AO, AR, A99, V, and VE. The Base Flood Elevation is the water-surface elevation of the 1% annual chance flood.

- **ZONE A** No Base Flood Elevations determined.
- **ZONE AE** Base Flood Elevations determined.
- **ZONE AH** Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevations determined.
- **ZONE AO** Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding, velocities also determined.
- **ZONE AR** Special Flood Hazard Areas formerly protected from the 1% annual chance flood by a flood control system that was subsequently decertified. Zone AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance or greater flood.
- **ZONE A99** Area to be protected from 1% annual chance flood by a Federal flood protection system under construction; no Base Flood Elevations determined.
- **ZONE V** Coastal flood zone with velocity hazard (wave action); no Base Flood Elevations determined.
- **ZONE VE** Coastal flood zone with velocity hazard (wave action); Base Flood Elevations determined.

FLOODWAY AREAS IN ZONE AE

The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.

OTHER FLOOD AREAS

- **ZONE X** Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.

OTHER AREAS

- **ZONE X** Areas determined to be outside the 0.2% annual chance floodplain.
- **ZONE D** Areas in which flood hazards are undetermined, but possible.

COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

OTHERWISE PROTECTED AREAS (OPAs)

CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.

- 1% annual chance floodplain boundary
- 0.2% annual chance floodplain boundary
- Floodway boundary
- Zone D boundary
- CBRS and OPA boundary
- Boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths or flood velocities.
- 513 — Base Flood Elevation line and value; elevation in feet*
- (EL 987) — Base Flood Elevation value where uniform within zone; elevation in feet*

*Referenced to the North American Vertical Datum of 1988

- A — A — Cross section line
- 23 — 23 — Transect line
- 45° 02' 08", 93° 02' 12" — Geographic coordinates referenced to the North American Datum of 1983 (NAD 83)
- 4927000 N — 1000-meter Universal Transverse Mercator grid values, zone 16
- 1560000 FT — 5000-foot grid tick: Illinois State Plane East Coordinate System, 1776 zone (FIPSZONE 1201) Transverse Mercator
- DX5510 — Bench mark (see explanation in Notes to Users section of this FIRM panel)
- M1.5 — River Mile

MAP REPOSITORIES
Refer to Map Repositories list on Map Index

EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP
JANUARY 19, 2011

EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL

For community map revision history prior to countywide mapping, refer to the Community Map History table located in the Flood Insurance Study report for this jurisdiction.

To determine if flood insurance is available in this community, contact your insurance agent or call the National Flood Insurance Program at 1-800-638-6620.

MAP SCALE 1" = 2000'

1000 0 2000 4000 FEET
500 0 500 1000 METERS

NFIP
NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0500C

FIRM
FLOOD INSURANCE RATE MAP
EDGAR COUNTY, ILLINOIS
AND INCORPORATED AREAS

PANEL 500 OF 500
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS

COMMUNITY	NUMBER	PANEL	SUFFIX
EDGAR COUNTY	170985	0500	C

Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.

MAP NUMBER
17045C0500C
EFFECTIVE DATE
JANUARY 19, 2011

Federal Emergency Management Agency

APPENDIX K

Table 5-6: List of Mitigation Strategies Developed at Meeting 4 for Edgar County

No.	Mitigation Item	Goals and Objects Satisfied	Hazards Addressed	Priority	Comments
1	Public Education/ Awareness	Goal: Develop long-term strategies to educate Edgar County residents on the hazards affecting their community Objective: Raise public awareness of hazard mitigation	All Hazards	High	Edgar County plans to raise public awareness of hazard risk to the county through a Facebook page, a local television channel, and a local radio frequency. This item is ongoing.
2	Mutual Aid Agreements	Goal: Lessen the impacts of hazards to new and existing infrastructure Objective: Evaluate and strengthen the communication and transportation abilities of emergency services	All Hazards	High	Edgar County plans for each community to establish mutual aid agreements with surrounding communities by the end of 2015.
3	Back-up Generators	Goal: Lessen the impacts of hazards to new and existing infrastructure Objective: Equip public facilities and communities to guard against damage caused by secondary effects of hazards	All Hazards	High	Edgar County plans to obtain back-up generators for each critical facility and county government building. They will contact FEMA or Commercial Contractor by the June of 2014 to inquire about funding.
4	Enhanced Communication Systems/Emergency Alert Systems - Sirens	Goal: Lessen the impacts of hazards to new and existing infrastructure Objective: Evaluate and strengthen the communication abilities of emergency services throughout the county	All Hazards	High	Edgar County is currently looking into communications systems to improve communications between emergency operators as well as between emergency operators and the public. Edgar County is focusing on Wireless Emergency Notification System (WENS), StarCom, Motorala Turbo, and even social media to fulfill their needs.
5	Special Needs Population List	Goal: Lessen the impacts of hazards to new and existing infrastructure Objective: Evaluate and strengthen the communication abilities of emergency services throughout the county	All Hazards	High	Edgar County is in the process of completing a special needs population list and will continue to maintain it.

No.	Mitigation Item	Goals and Objects Satisfied	Hazards Addressed	Priority	Comments
6	Procure a Back-up Water Supply	Goal: Lessen the impacts of hazards to new and existing infrastructure Objective: Equip public facilities and communities to guard against damage caused by secondary effects of hazards	All Hazards	High	Edgar County is in the process of creating memorandums of understanding between generator companies and water companies in the county to ensure water treatment facilities do not shut down.
7	Elevate Low-lying Roads	Goal: Lessen the impacts of hazards to new and existing infrastructure Objective: Minimize the amount of infrastructure exposed to hazards	Flood	High	The Edgar County Highway Department is planning to elevate several low-water crossings that significantly inhibit transportation, especially in Symmes Township, including those along 600 N, 450 N, E. 300th Rd., 1360 E, and N. 1600th St. The county Highway Department plans to
8	Provide and Publicize Locations of Safe Rooms and/or Shelters	Goal: Lessen the impacts of hazards to new and existing infrastructure Objective: Improve emergency sheltering in the county	Tornado / Severe Storms	High	Edgar County is currently working on identifying all shelters in the county to provide this information to the public.
9	Tree Management	Goal: Lessen the impacts of hazards to new and existing infrastructure Objective: Equip public facilities and communities to guard against damage caused by secondary effects of hazards	Tornado / Severe Storms	Low	Edgar County already has a tree trimming and management program and will continue to maintain it.
10	Cooling/Warming Shelters	Goal: Lessen the impacts of hazards to new and existing infrastructure Objective: Improve emergency sheltering in the county	Extreme Temperatures	Medium	Edgar County has a list of heating/cooling shelters in the county and plans to make this available to the public by the end of 2013. Edgar County would like to obtain back-up generators for the shelters by the end of 2014.
11	Burn Ordinance	Goal: Create new or revise existing plans/maps for county Objective: Review and update existing, or create new community plans and ordinances to support hazard mitigation	Wild Fire	Medium	Several municipalities have their own burn ordinance, but Edgar County will consider a county-wide burn ordinance in 2014.

No.	Mitigation Item	Goals and Objects Satisfied	Hazards Addressed	Priority	Comments
12	Tire Disposal Ordinance	Goal: Create new or revise existing plans/maps for county Objective: Review and update existing, or create new community plans and ordinances to support hazard mitigation	Wild Fire	Medium	Edgar County addresses tire disposal through the EPA Clean Air Act, the Vector Control Act, and a local nuisance ordinance. Edgar County will consider creating an ordinance specifically for tire disposal in 2014.
13	Install Snow Fences	Goal: Lessen the impacts of hazards to new and existing infrastructure Objective: Minimize the amount of infrastructure exposed to hazards	Winter Storms	Medium	Route 1 requires new snow fences for safe travel, and Edgar County plans to replace the snow fences by 2015.
14	Earthquake Mapping Exercise	Goal: Develop long-term strategies to educate residents on the hazards affecting their community Objective: Improve education and training of emergency personnel and public	Earthquake	Low	Encourage county wide participation in an earthquake mapping exercise like the Great American Shake Out
15	Adopt Earthquake Building Codes	Goal: Lessen the impacts of hazards to new and existing infrastructure Objective: Minimize the amount of infrastructure exposed to hazards	Earthquake	Low	Edgar County will consider adoption an earthquake ordinance.

Table 5-7: List of Mitigation Strategies Developed at Meeting 4 for Brocton

No.	Mitigation Item	Goals and Objects Satisfied	Hazards Addressed	Priority	Comments
16	Back-up Generators	Goal: Lessen the impacts of hazards to new and existing infrastructure Objective: Equip public facilities and communities to guard against damage caused by secondary effects on hazards	All Hazards	High	Brocton has a back-up generator for its water treatment plant, but needs an improved generator for the town's primary shelter. 2013 or 2014 is the desired period of completion.
17	Enhanced Communication Systems/NOAA Weather Radios	Goal: Lessen the impacts of hazards to new and existing infrastructure Objective: Evaluate and strengthen the communication and transportation abilities of emergency services	All Hazards	High	Brocton emergency services need enhanced radio communications, and each Brocton resident needs a NOAA weather radio. 2013 is the desired period of completion.
18	Emergency Alert Systems	Goal: Lessen the impacts of hazards to new and existing infrastructure Objective: Evaluate and strengthen the communication and transportation abilities of emergency services	All Hazards	Medium	Siren removal or disuse due to lack of funding is a possibility in Brocton. In 2013 or 2014, Brocton wishes to obtain funding for emergency siren maintenance.
19	Establish Emergency Planning Committee	Goal: Create new or revise existing plans/maps for Edgar County Objective: Review and update existing, or create new community plans and ordinances to support hazard mitigation	All Hazards	Medium	Brocton has already established an emergency planning committee and will continue to review and update its services in the future.
20	Procure a Back-up Water Supply	Goal: Lessen the impacts of hazards to new and existing infrastructure Objective: Equip public facilities and communities to guard against damage caused by secondary effects of hazards	All Hazards	Low	Brocton has already completed installation of back-up wells and pumps and continues to maintain them.
21	Procure Rescue Equipment and Gear	Goal: Lessen the impacts of hazards to new and existing infrastructure Objective: Equip public facilities and communities to guard against damage caused by secondary effects of hazards	All Hazards	High	Brocton requires new equipment for the Brocton FPD. 2013 or 2014 is the desired completion date.

No.	Mitigation Item	Goals and Objects Satisfied	Hazards Addressed	Priority	Comments
22	Mutual Aid Agreements	Goal: Lessen the impacts of hazards to new and existing infrastructure Objective: Evaluate and strengthen the communication and transportation abilities of emergency services	All Hazards	Low	Brocton has already established mutual aid agreements with surrounding communities for fire, police, and ambulance services.
23	Storm water Management Ordinance	Goal: Create new or revise existing plans/maps for Edgar County Objective: Review and update existing, or create new community plans and ordinances to support hazard mitigation	Flood	High	Brocton is currently in the planning process of revising its storm water management ordinance. Storm water must exit the town more quickly. A possible solutions considered for the ordinance include buying two twelve acre plots on the east and north side of Brocton to store and deter storm water. 2016 is the maximum projected date of
24	Floodplain Ordinance	Goal: Create new or revise existing plans/maps for Edgar County Objective: Review and update existing, or create new community plans and ordinances to support hazard mitigation	Flood	High	Brocton has passed a resolution for floodplain management and now must create an ordinance, which is projected to occur by the end of 2013.
25	Improvement of Drainage Ditches	Goal: Lessen the impacts of hazards to new and existing infrastructure Objective: Minimize the amount of infrastructure exposed to hazards	Flood	High	Brocton requires upgraded drainage ditches, so water exits the town more quickly during moderate rainfall. This will be addressed in the ordinance in planning and has a similar timeline, with a maximum expected completion date of 2016.
26	Back-up Power Source for Critical Facilities	Goal: Lessen the impacts of hazards to new and existing infrastructure Objective: Equip public facilities and communities to guard against damage caused by secondary effects of hazards	Tornado / Severe Storms	Low	Brocton has already established a back-up power source for its critical facilities and continues to maintain it.
27	Tree Management/Trimming Plan	Goal: Lessen the impacts of hazards to new and existing infrastructure Objective: Equip public facilities and communities to guard against damage caused by secondary effects of hazards	Tornado / Severe Storms	High	Brocton infrastructure requires the equipment and personnel to begin and maintain a tree trimming plan, and plans to complete this goal by 2015.

No.	Mitigation Item	Goals and Objects Satisfied	Hazards Addressed	Priority	Comments
28	Provide and Publicize Locations of Safe Rooms and/or Shelters	Goal: Publicize shelter locations Objective: Improve emergency sheltering in the county	Tornado / Severe Storms	High	Brocton requires a shelter, and currently only has the basement of Brocton Christian Church as shelter from tornadoes and storms. 2014 is the expected date to receive funding for the project.
29	Cooling/Warming Shelters	Goal: Lessen the impacts of hazards to new and existing infrastructure Objective: Improve emergency sheltering in the community	Extreme Temperatures	High	Brocton has a cooling/warming shelter in the town's communications building but like to improve the generator. 2014 or 2015 is the expected completion date.
30	Procure Snow Removal Equipment	Goal: Lessen the impacts of hazards to new and existing infrastructure Objective: Equip public facilities and communities to guard against damage caused by secondary effects of hazards	Winter Storms	Low	Brocton owns and maintains snow removal equipment currently.

Table 5-8: List of Mitigation Strategies Developed at Meeting 4 for Chrisman

No.	Mitigation Item	Goals and Objects Satisfied	Hazards Addressed	Priority	Comments
31	Mutual Aid Agreements	Goal: Lessen the impacts of hazards to new and existing infrastructure Objective: Evaluate and strengthen the communication and transportation abilities of emergency services	All Hazards	Low	Chrisman has already established mutual aid agreements with surrounding communities for fire, police, and ambulance services.
32	Back-up Generators	Goal: Lessen the impacts of hazards to new and existing infrastructure Objective: Equip public facilities and communities to guard against damage caused by secondary effects of hazards	All Hazards	High	Chrisman already has a back-up generator for its fire department but plans to obtain funding for generators for its schools and water treatment facilities in 2014 since Chrisman does not have a back-up water supply.
33	Family Disaster Plans & Kits	Goal: Develop long-term strategies to educate residents on the hazards affecting their community Objective: Raise public awareness on hazard mitigation	All Hazards	Low	Chrisman would like obtain funding for family disaster plans & kits. They would advertise and demonstrate at local events in cooperation with Edgar County ESDA and Emergency Services.
34	NOAA Weather Radios	Goal: Lessen the impacts of hazards to new and existing infrastructure Objective: Evaluate and strengthen the communication and transportation abilities of emergency services	All Hazards	Medium	Chrisman plans to obtain funding to provide NOAA weather radios to the public by 2015.
35	Emergency Alert Systems	Goal: Lessen the impacts of hazards to new and existing infrastructure Objective: Evaluate and strengthen the communication and transportation abilities of emergency services	All Hazards	Low	Chrisman already has an automated siren alert system that's supplemented by an automated text and phone system.
36	Establish Planning Committee	Goal: Create new or revise existing plans/maps for the county Objective: Review and update existing, or create new community plans and ordinances to support hazard mitigation	All Hazards	Low	Chrisman has already established a local emergency planning committee.

No.	Mitigation Item	Goals and Objects Satisfied	Hazards Addressed	Priority	Comments
37	Special Needs Population List	Goal: Lessen the impacts of hazards to new and existing infrastructure Objective: Evaluate and strengthen the communication and transportation abilities of emergency services	All Hazards	Low	Chrisman plans to publicly appeal to its citizens and ask the special needs population or those caring for them to provide data for this list by 2015.
38	Improve Drainage Ditches & Stormwater Management	Goal: Lessen the impact of Hazards to new and existing infrastructure Objectives: Minimize the amount of infrastructure exposed to flooding	Flood	High	Chrisman plans to clean creek banks and replace old storm drains.
39	Participate in the NFIP	Goal: Create new or revise existing plans/maps for Edgar County Objective: Support compliance with the NFIP for each jurisdiction in Edgar County	Flood	Low	Chrisman already participates in the NFIP.
40	Stormwater Management Ordinance	Goal: Create new or revise existing plans/maps for Edgar County Objective: Review and update existing, or create new community plans and ordinances to support hazard mitigation	Flood	Low	Chrisman already has a stormwater management ordinance in place.
41	Floodplain Ordinance	Goal: Create new or revise existing plans/maps for Edgar County Objective: Review and update existing, or create new community plans and ordinances to support hazard mitigation	Flood	Low	Chrisman already has a floodplain ordinance in place.
42	Provide and Publicize Locations of Safe Rooms and/or Shelters	Goal: Lessen the impacts of hazards to new and existing infrastructure Objective: Improve emergency sheltering in the county	Tornado / Severe Storms	High	The Chrisman emergency planning team consistently reminds Chrisman citizens of the local shelters available to them.

No.	Mitigation Item	Goals and Objects Satisfied	Hazards Addressed	Priority	Comments
43	Anchoring of Manufactured Homes and Exterior Attachments	Goal: Lessen the impacts of hazards to new and existing infrastructure Objective: Minimize the amount of infrastructure exposed to hazards	Tornado / Severe Storms	Low	Chrisman already has an ordinance in place requiring manufactures homes to be anchored.
44	Tree Management/ Trimming Plan	Goal: Lessen the impacts of hazards to new and existing infrastructure Objective: Equip public facilities and communities to guard against damage caused by secondary effects of hazards	Tornado / Severe Storms	Low	Chrisman already has an ordinance in place requiring limbs to be cleared from power lines and for low-hanging limbs to be cleared.
45	Ordinance for Higher Construction Standards/ Techniques in Regards to Severe Storms	Goal: Create new or revise existing plans/maps for Edgar County Objective: Review and update existing, or create new community plans and ordinances to support hazard mitigation	Tornado / Severe Storms	Low	Chrisman already has an ordinance in place requiring residents to take measures against making their property storm-resistant.
46	Cooling/Warming Shelters	Goal: Publicize shelter locations Objective: Improve emergency sheltering in the county	Extreme Temperatures	Low	Chrisman already has a list of heating/cooling shelters in the county and plans to make this available to the public.
47	Burn Ordinance	Goal: Create new or revise existing plans/maps Objective: Review and update existing, or create new community plans and ordinances to support hazard mitigation	Extreme Temperatures /Wild Fire	Low	Chrisman already has burn ordinances in place and will continue to enforce it in an effort to prevent wildfires.

Table 5-9: List of Mitigation Strategies Developed at Meeting 4 for Hume

No.	Mitigation Item	Goals and Objects Satisfied	Hazards Addressed	Priority	Comments
48	Back-up Generators	Goal: Lessen the impacts of hazards to new and existing infrastructure Objective: Equip public facilities and communities to guard against damage caused by secondary effects of hazards	All Hazards	High	Hume requires a generator for the town's shelters, including the Hume FPD, the community center, and its three churches. 2014 is the planned completion date.
49	NOAA Weather Radios	Goal: Lessen the impacts of hazards to new and existing infrastructure Objective: Evaluate and strengthen the communication and transportation abilities of emergency services throughout the county	All Hazards	High	Not all Hume residents have NOAA weather radios, and the town wishes to obtain funding so each Hume resident can have one. Hume plans to obtain this funding by 2014.
50	Family Disaster Plans and Kits	Goal: Develop long-term strategies to educate residents on the hazards affecting their community Objective: Raise public awareness on hazard mitigation	All Hazards	High	Hume would like to host a forum with its residents to discuss the importance of creating a family disaster plan and kit. This forum is planned to occur by 2014.
51	Establish Emergency Planning Committee	Goal: Create new or revise existing plans/maps for the community Objective: Review and update existing, or create new community plans and ordinances to support hazard mitigation	All Hazards	High	Hume would like to establish an emergency planning committee, especially to discuss, plan, and obtain funding for its flooding problem. Hume plans to assemble this committee by 2014.
52	Procure a Back-up Water Supply	Goal: Lessen the impacts of hazards to new and existing infrastructure Objective: Equip public facilities and communities to guard against damage caused by secondary effects of hazards	All Hazards	High	Hume wishes to establish an emergency fund to obtain water from an outside source in the event a disaster disrupts their potable water supply.
53	Procure Rescue Equipment and Gear	Goal: Lessen the impacts of hazards to new and existing infrastructure Objective: Evaluate and strengthen the communication and transportation abilities of emergency services throughout	All Hazards	High	Hume is seeking out grants to fund new and/or improved gear and equipment for its fire department.

No.	Mitigation Item	Goals and Objects Satisfied	Hazards Addressed	Priority	Comments
54	Improvement of Drainage Ditches	Goal: Lessen the impacts of hazards to new and existing infrastructure Objective: Minimize the amount of infrastructure exposed to hazards	Flood	Medium	Hume wishes to obtain grants to repair or replace all collared storm drains and to remove debris from all drainage ditches. 2014 is the expected date of obtaining the grants.
55	Participate in the NFIP	Goal: Create new or revise existing plans/maps for Edgar County Objective: Support compliance with the NFIP for the community	Flood	High	The village board wishes to pass a resolution for the community to join the NFIP. Hume plans to pass the resolution in 2014.
56	Stormwater Management Ordinance	Goal: Create new or revise existing plans/maps Objective: Review and update existing, or create new community plans and ordinance to support hazard mitigation	Flood	High	Hume would like to establish a committee of board members to oversee the development of stormwater management ordinances. Funding for replacement and repairs to storm drains is high on the priority list. Hume plans to develop a committee by 2014.

Table 5-10: List of Mitigation Strategies Developed at Meeting 4 for Kansas

No.	Mitigation Item	Goals and Objects Satisfied	Hazards Addressed	Priority	Comments
57	Enhanced Communication Systems/NOAA Weather Radios	Goal: Lessen the impacts of hazards to new and existing infrastructure Objective: Evaluate and strengthen the communication and transportation abilities of emergency services	All Hazards	High	Kansas would like a reverse 911 system for flooding and hazmat incidents.
58	Special Needs Population List	Goal: Lessen the impacts of hazards to new and existing infrastructure Objective: Evaluate and strengthen the communication abilities of emergency services throughout the county	All Hazards	Medium	Kansas would like to seek funding to establish a special needs population list. Kansas will work with residents to identify residents with special needs and create maps to pinpoint their locations.
59	Procure a Back-up Water Supply	Goal: Lessen the impacts of hazards to new and existing infrastructure Objective: Equip public facilities and communities to guard against damage caused by secondary effects of hazards	All Hazards	Medium	Kansas has identified the need to procure funding for a back-up water supply - particularly in the event of a drought or earthquake.
60	Provide and Publicize Locations of Safe Rooms and/or Shelters	Goal: Lessen the impacts of hazards to new and existing infrastructure Objective: Improve emergency sheltering in the county	Tornado / Severe Storms / Winter Storms	High	Kansas will work on identifying all shelters in the community and provide this information to the public.
61	Cooling/Warming Shelters	Goal: Lessen the impacts of hazards to new and existing infrastructure Objective: Improve emergency sheltering in the community	Extreme Temperatures	High	Kansas would like to seek funding for cooling/warming shelters.

Table 5-11: List of Mitigation Strategies Developed at Meeting 4 for Metcalf

No.	Mitigation Item	Goals and Objects Satisfied	Hazards Addressed	Priority	Comments
62	Procure a Back-up Water Supply	Goal: Lessen the impacts of hazards to new and existing infrastructure Objective: Equip public facilities and communities to guard against damage caused by secondary effects of hazards	All Hazards	High	Metcalf wishes to establish an emergency fund to obtain water from an outside source in the event that a disaster disrupts their potable water supply.
63	Back-up Generators	Goal: Lessen the impacts of hazards to new and existing infrastructure Objective: Equip public facilities and communities to guard against damage caused by secondary effects of hazards	All Hazards	High	Metcalf requires a generator for the town's shelters and community center.
64	Improvement of Drainage	Goal: Lesson the impacts of hazards to new and existing infrastructure Objective: Minimize the amount of infrastructure exposed to hazards	Flood	High	Metcalf is drained by degraded drainage line that is becoming non-functional. Metcalf needs to replace the drainage pipe by 2015, and has already completed a DCEO-funded HWC study in 2000 and a legislator-funded mapping and conditional assessment in 2009. Metcalf would also like to remove all debris from drainages. In addition, Metcalf would like to update all tiles throughout the village.
65	Procure Snow Removal Equipment	Goal: Lessen the impacts of hazards to new and existing infrastructure Objective: Equip public facilities and communities to guard against damage caused by secondary effects of hazards	Winter Storms	High	Metcalf currently owns and maintains snow removal equipment. The equipment is 30 years old and needs to be replaced.

Table 5-12: List of Mitigation Strategies Developed at Meeting 4 for Paris

No.	Mitigation Item	Goals and Objects Satisfied	Hazards Addressed	Priority	Comments
66	Public Education/Awareness	Goal: Develop long-term strategies to educate county residents on the hazards affecting their community Objective: Raise public awareness of hazard mitigation	All Hazards	High	Provide public education of reverse 911 procedures for where shelters are located; this activity is currently in progress
67	Provide and Publicize Locations of Safe Rooms and/or Shelters	Goal: Lessen the impacts of hazards to new and existing infrastructure Objective: Improve emergency sheltering in the county	All Hazards	High	Build underground disaster shelters and storm shelters in 2014, especially in trailer courts. Mandate all new commercial buildings to have disaster shelters; this activity is currently in progress. Upgrade supplies and provide kits containing first aid, lights, and food in each shelter
68	Stormwater Management and Floodplain Ordinances	Goal: Create new or revise existing plans/maps for Edgar County Objective: Review and update existing, or create new community plans and ordinances to support hazard mitigation	Flood	High	Update floodplain and storm water management ordinances in 2014 with the goal to improve drainage problems, especially for runoff in downtown Paris
69	Installation of Pumping Station	Goal: Lessen the impacts of hazards to new and existing infrastructure Objective: Minimize the amount of infrastructure exposed to hazards	Flood	High	Obtain funding in 2014 to install a pumping station to address poor drainage in downtown Paris, especially Jasper St., Water St., and Madison St.
70	Improvement of Drainage Ditches	Goal: Lessen the impacts of hazards to new and existing infrastructure Objective: Minimize the amount of infrastructure exposed to hazards	Flood	High	Obtain funding in 2014 to purchase additional street sweepers to keep drainage lines clean in downtown Paris, or to outsource regular drainage line clearance

Table 5-13: List of Mitigation Strategies Developed at Meeting 4 for Redmon

No.	Mitigation Item	Goals and Objects Satisfied	Hazards Addressed	Priority	Comments
71	Public Education/Awareness	Goal: Develop long-term strategies to educate Edgar County residents on the hazards affecting their community Objective: Raise public awareness of hazard mitigation	All Hazards	High	Redmon has scheduled a public town-wide meeting in August 2013 to make the community aware of its risk, compile a special needs population list, publicize its intention to build a heating/cooling shelter, and discuss ordinances addressing hazards.
72	Mutual Aid Agreements	Goal: Lessen the impacts of hazards to new and existing infrastructure Objective: Evaluate and strengthen the communication and transportation abilities of emergency services	All Hazards	High	Redmon has already established mutual aid agreements with surrounding communities.
73	Back-up Generators	Goal: Lessen the impacts of hazards to new and existing infrastructure Objective: Equip public facilities and communities to guard against damage caused by secondary effects of hazards	All Hazards	High	Redmon would like a back-up generator as part of its heating/cooling shelter scheduled for 2014, as well as a back-up generator for the fire station and church, which also serve as shelters.
74	Special Needs Population List	Goal: Lessen the impacts of hazards to new and existing infrastructure Objective: Evaluate and strengthen the communication and transportation abilities of emergency services throughout the county	All Hazards	High	Redmon plans to compile a special needs population list for the community during or shortly after its August 2013 town-wide meeting.
75	Procure a Back-up Water Supply	Goal: Lessen the impacts of hazards to new and existing infrastructure Objective: Equip public facilities and communities to guard against damage caused by secondary effects of hazards	All Hazards	High	Redmon currently does not have a back-up water supply in the event of a water-treatment plant failure during a hazard and would like to acquire a portable potable water tank in 2014.
76	Procure Rescue Equipment and Gear	Goal: Lessen the impacts of hazards to new and existing infrastructure Objective: Equip public facilities and communities to guard against damage caused by secondary effects of hazards	All Hazards	High	Redmon plans to obtain updated rescue equipment for its fire department in 2014.

No.	Mitigation Item	Goals and Objects Satisfied	Hazards Addressed	Priority	Comments
77	Culvert Replacement	Goal: Lessen the impacts of hazards to new and existing infrastructure Objective: Minimize the amount of infrastructure exposed to hazards	Flood	High	Redmon plans to evaluate its culverts in 2014 to determine if any culverts are in danger of failure and need to be replaced.
78	Improvement of Drainage Ditches	Goal: Lessen the impacts of hazards to new and existing infrastructure Objective: Minimize the amount of infrastructure exposed to hazards	Flood	High	Redmon is currently and will continue to maintain its drainage, including clearing debris, adding drainage lines, etc.
79	Provide and Publicize Locations of Safe Rooms and/or Shelters	Goal: Lessen the impacts of hazards to new and existing infrastructure Objective: Improve emergency sheltering in the county	Tornado / Severe Storms	High	During the August 2013 town-wide meeting, Redmon will publicize the location of its shelters, including the fire station and the church.
80	Anchoring of Manufactured Homes and Exterior Attachments	Goal: Lessen the impacts of hazards to new and existing infrastructure Objective: Minimize the amount of infrastructure exposed to hazards	Tornado / Severe Storms	High	Redmon will review the county and local ordinances addressing this issue during the August 2013 town-wide meeting and discuss the possibility of requiring anchoring on manufactured homes.
81	Back-up Power Source for Critical Facilities	Goal: Lessen the impacts of hazards to new and existing infrastructure Objective: Equip public facilities and communities to guard against damage caused by secondary effects of hazard	Tornado / Severe Storms	High	In addition to the back-up generators Redmon desires for the church and planned heating/cooling shelter, Redmon would like a back-up generator for the Redmon Fire Department in 2014.
82	Cooling/Warming Shelters	Goal: Lessen the impacts of hazards to new and existing infrastructure Objective: Improve emergency sheltering in the county	Extreme Temperatures	High	Redmon would like to build a community center for use as a heating/cooling shelter, and plans to build it in 2014.

No.	Mitigation Item	Goals and Objects Satisfied	Hazards Addressed	Priority	Comments
83	Burn Ordinance	Goal: Create new or revise existing plan/maps for the county Objective: Review and update existing, or create new community plans and ordinances to support hazard mitigation	Extreme Temperatures/Wild Fire	High	Redmon has a burn ordinance and will continue to enforce it in an effort to prevent wildfires.
84	Tire Disposal Ordinance	Goal: Create new or revise existing plan/maps for the county Objective: Review and update existing, or create new community plans and ordinances to support hazard mitigation	Wild Fire	Medium	Redmon plans to organize communities and local groups to set up tire disposal days and sites. Expected date of completion is 2014.
85	Procure Snow Removal Equipment	Goal: Lessen the impacts of hazards to new and existing infrastructure Objective: Equip public facilities and communities to guard against damage caused by secondary effects of hazard	Winter Storms	High	Redmon would like to replace their 30+-year-old snow truck with a newer vehicle by 2016.

Table 5-14: List of Mitigation Strategies Developed at Meeting 4 for Vermilion

No.	Mitigation Item	Goals and Objects Satisfied	Hazards Addressed	Priority	Comments
86	Back-up Generators	Goal: Lessen the impacts of hazards to new and existing infrastructure Objective: Equip public facilities and communities to guard against damage caused by secondary effects on hazards	All Hazards	High	Vermilion would like a back-up generator to power the entire village in the event electricity is unavailable for several days. Vermilion plans to obtain this by 2016.
87	Improvement of Drainage	Goal: Lessen the impacts of hazards to new and existing infrastructure Objective: Minimize the amount of infrastructure exposed to hazards	Flood	High	Vermilion floods frequently due to poor drainage, and plans to install a new, enlarged sewer main by 2018 to help prevent future flooding.
88	Back-up Power Source for Critical Facilities	Goal: Lessen the impacts of hazards to new and existing infrastructure Objective: Equip public facilities and communities to guard against damage	Tornado / Severe Storms	High	Vermilion plans to install a back-up generator for the water treatment plant there by 2018.
89	Cooling/Warming Shelters	Goal: Lessen the impacts of hazards to new and existing infrastructure Objective: Improve emergency sheltering in the county	Extreme Temperatures	High	Vermilion plans to establish a heating/cooling shelter by 2016, especially for use by the elderly.

Table 5-15: List of Mitigation Strategies Developed at Meeting 4 for Edgar County Schools*

No.	Mitigation Item	Goals and Objects Satisfied	Hazards Addressed	Priority	Comments
90	Back-up Generators	Goal: Lessen the impacts of hazards to new and existing infrastructure Objective: Equip public facilities and communities to guard against damage caused by secondary effects of hazards	All Hazards	High	Shiloh, Paris High, and Crestwood schools plan to install back-up generators by 2015 so those schools can serve as community shelters.
91	Improvement to Drainage Ditches	Goal: Lessen the impacts of hazards to new and existing infrastructure Objective: Minimize the amount of infrastructure exposed to hazards	Flood	High	Crestwood and Shiloh schools plan on installing drainage tile and roof and perimeter drains in 2013.
92	Bury Power Lines	Goal: Lessen the impacts of hazards to new and existing infrastructure Objective: Minimize the amount of infrastructure exposed to hazards	Tornado / Severe Storms	High	Crestwood school plans to bury overhead power lines by 2015.
93	Provide and Publicize Location of Safe Rooms and/or Shelters	Goal: Lessen the impacts of hazards to new and existing infrastructure Objective: Improve emergency sheltering in the county	Tornado / Severe Storms	High	Paris High School plans to work with county architects, schools, the county engineer, and the Edgar County ESDA to build a reinforced shelter adjacent to the high school.
94	Harden Infrastructure	Goal: Lessen the impacts of hazards to new and existing infrastructure Objective: Minimize the amount of infrastructure exposed to hazards	Earthquake	High	Paris High School plans to harden each structure on campus by 2015 so it can serve effectively as a shelter.
95	Install Snow Fences	Goal: Lessen the impacts of hazards to new and existing infrastructure Objective: Equip public facilities and communities to guard against damage cause by secondary effects of hazards	Winter Storms	Low	Shiloh School plans on installing snow fences snow for safe travel.

*Representatives from a few of the school districts of Edgar County suggest several mitigation items specific to schools in the county.

APPENDIX L

Plan Maintenance Checklist

We are in the process of conducting our annual evaluation/status update of the Watseka Multi-Jurisdictional Natural Hazard Mitigation Plan. Please review the following tasks and complete and return this checklist along with the necessary forms. If you have any questions, please let us know.

Jurisdiction: _____

Prepared By: _____

Title: _____ Date: _____

TASK 1: DAMAGE INFORMATION

Has your jurisdiction sustained any natural hazard-related damages to critical facilities and infrastructure within the last year?

☐ Yes ☐ No ☐ Don't Know

If Yes, please complete and return the attached critical facilities damages questionnaire.

TASK 2: STATUS OF EXISTING PROJECTS/ACTIVITIES

Please look over the attached Mitigation Action Tables for your jurisdiction and determine whether any of the mitigation projects/activities listed have been completed or are in progress (in the planning stages.)

Does your jurisdiction have any mitigation projects/activities in progress (in the planning stages) or completed?

☐ Yes ☐ No

If Yes, please fill out and return the attached Mitigation Action Progress Report for each project/activity that has been completed or is in progress.

TASK 3: IDENTIFICATION OF NEW PROJECTS/ACTIVITIES

Are there any new mitigation projects/activities your jurisdiction would like to see add to the Plan? (Remember, only projects included in the Plan are potentially eligible for federal mitigation projects funding.)

☐ Yes ☐ No

If yes, please complete and return the attached New Mitigation Project Form.

Plan Maintenance Checklist

TASK 4: JURISDICTION EVALUATION

Have there been any significant changes in development in your jurisdiction within the last 12 months (i.e. expansion of existing businesses, siting of new businesses, new subdivision development or expansion of existing subdivisions, demolition of businesses/residents to create green spaces, etc.)

☐ Yes ☐ No

If yes, please specify the type of development changes.

_____

_____

Has your jurisdiction adopted any new policies, plans, regulations, or reports that could be incorporated into this Plan?

☐ Yes ☐ No

If yes, please provide the name of the policy, plan, regulation or report and its purpose.

_____

_____

Do any new critical facilities or infrastructure need to be added to your jurisdiction's Critical Facilities Survey?

☐ Yes ☐ No

If yes, please provide the name and address of the facility.

_____

_____

Critical Facilities Damage Questionnaire

Supplemental information about ***damages to critical infrastructure/facilities*** (i.e., government buildings, schools, communication tower and radio equipment, water & sewer treatment facilities, hospitals, etc.) that have ***taken place*** in the municipalities and County is needed for the risk assessment/vulnerability analysis portion of the Plan. If you could take a moment and think about the critical infrastructure damages caused by past natural hazard occurrences and provide any available information in the form below, it would be greatly appreciated.

Please complete <u>one record</u> for <u>each natural hazard event that damaged a critical facility</u>. Do not combine multiple events on one record. Additional forms are located on the back of this page.

Prepared By: _____ Date: _____

1.) Date of Event (month/day/year if possible)**:** _____

2.) Critical Facility Damaged: _____

3.) Type of Hazard:

☐ thunderstorm (straight-line winds)	☐ tornado	☐ landslide
☐ hail	☐ snow storm	☐ sinkhole
☐ lightning strike	☐ ice storm	☐ mine subsidence
☐ heavy rain	☐ extreme cold	☐ earthquake
☐ flood	☐ drought	☐ levee failure
	☐ excessive heat	☐ dam failure

4.) Types of Damages: _____

_____

5.) Estimate of Damages: $ _____

Mitigation Action Progress Report

As part of the Plan Maintenance "monitoring" phase, the implementation status of each project and activity listed in the Plan for the participating jurisdictions needs to be identified.

1) Please review the Mitigation Action Tables provided for your jurisdiction to determine whether any of the projects/activities listed have been ***"Completed"*** or are ***"In Progress"*** (in the planning stages.)
2) For each project or activity that is ***"Completed"*** or "***In Progress"***, please fill out the following Progress Report.

Jurisdiction: _____

Prepared By: _____

Title: _____ Date: _____

Progress Report Period	From Date: To Date:
Project/Activity Description	
Responsible Agency	
Project Status	☐ In Progress ☐ Approved by Council/Board ☐ Included in Capital Improvement Plan/Slated for Construction & Implementation ☐ Grant Completed & Submitted ☐ Letting/Contractor Selected ☐ Notice to Proceed Issued ☐ Construction Underway ☐ Anticipated Completion Date: _____ ☐ Other (please specify): _____ ☐ Completed ☐ Project Delayed ☐ Project Cancelled

SUMMARY OF PROJECT PROGRESS FOR THIS REPORT PERIOD

What was accomplished during this reporting period for this project?

Were any obstacles, problems or delays encountered? ☐ Yes ☐ No ☐ Don't Know
If Yes, please describe:

If the project was delayed, is it still relevant? ☐ Yes ☐ No ☐ Don't Know
If Yes, should the project be changed/revised?

Other comments:

New Hazard Mitigation Projects Form
Multi-Jurisdictional Hazard Mitigation Plan

Participating Jurisdiction _____

Prepared by: _____

Title _____ Date: _____

	Project Description	**Position/Organization Responsible for Implementation & Administration of the Project** *(i.e. Mayor / City Council; Public Works Director; Fire Chief / Board of Trustees)*	**Time Frame to Complete the Project** *(i.e. 1 year; 5 years; 2-5 years)*
1.			
2.			
3.			
4.			

APPENDIX M