



Source: BPS

CRAWFORD COUNTY HAZARD MITIGATION PLAN

October 2019

PREPARED BY:
Burton Planning Services
252 Electric Avenue
Westerville, Ohio 43081
www.burtonplanning.com



PREPARED FOR:
Crawford County EMA
112 East Mansfield Street
Suite 302
Bucyrus, Ohio 44820



Appendix F: Meeting Documentation County Surveys



Name & Organization: MARK BAKER - CRAWFORD CO. ENGINEERS OFFICE

GOALS SURVEY

It is important to revisit the goals from Crawford County's 2014 Natural Hazard Mitigation Plan to help guide the current update to the plan. Please provide input on if these goals still relevant. If a goal is still applicable as written, please check (✓) the box; if the goal needs to be modified or removed, please write how it should be modified or why it should be removed on the line below the goal.

Previous Goals (from the 2014 Plan)

In the 2014 Natural Hazard Mitigation Plan, Crawford County organized the goals into six categories; preventative, property protection, emergency services, structural projects, natural resource protection, and public information. Please review each goal below.

Preventative:

- To reduce risk and loss of life by implementing activities to give Crawford County citizens as much advance warning as possible of impending natural hazards.

- Coordinate existing plans and strategies already in place to put them to more effective use.

- Strengthen communication between various communities and agencies throughout the County to make them aware of good, sound mitigation activities and practices.

- Continue to coordinate policies and plans for the protection of critical facilities, services, and infrastructure.

Property Protection

- To develop practices and implement activities to protect lives and reduce damages to homes, businesses, industries, and agricultural areas of Crawford County.

Emergency Services

- Continue to support and coordinate emergency services efforts throughout the County and continue to strengthen emergency operation plans at the various Crawford County communities.

Structural Projects

- Continued maintenance of existing rivers, streams, ~~river, stream,~~ and retention dikes and levees.



Natural Resource Protection

- Continue to rehabilitate, protect, and enhance the natural systems already in place in order to preserve the rich, historical, and agricultural environment found in Crawford County.
-

Public Information

- Continue to promote public awareness of the risks associated with natural hazard events.
-

New Goals

If there is a new goal that should be included, please write that goal on the lines below.

- _____
- _____
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Please provide any additional comments on the goals in the space provided below.



CRAWFORD COUNTY HAZARD MITIGATION PLAN

Name & Organization: Kyle Hartman Crawford County Auditor's Office

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Structural Projects

- Continued maintenance of existing river, stream, and retention dikes and levees.
NOT SURE WHERE ANY OF THESE EXIST
IF THEY DO EXIST, THIS IS PROBABLY STILL VALID

— IF YOU MEAN RIVERS & STREAMS TO AVOID POLLUTION FOR FLOODING THAT SHOULD BE CLARIFIED
JULY 2019 MANAGEMENT OF



Natural Resource Protection

- Continue to rehabilitate, protect, and enhance the natural systems already in place in order to preserve the rich, historical, and agricultural environment found in Crawford County.

Public Information

- Continue to promote public awareness of the risks associated with natural hazard events.

ALSO MAN-MADE HAZARDS - EG. TRAINS WITH HAZARDOUS MATERIALS

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Name & Organization: Donna Weissenauer Crawford County

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Name & Organization: MO RECALLAT Crawford County Commissioners

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Keep
[Handwritten scribbles]



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Public Information

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New Goals

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- More Tornado Sirens
- _____
- _____
- _____
- _____
- _____

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Better Instructions



Name & Organization: TIM KEY, COUNTY COMMISSIONER

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KEEP ALL THE SAME

CONFUSING



Natural Resource Protection

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Public Information

- Continue to promote public awareness of the risks associated with natural hazard events.

New Goals

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- NEW TORNADO SIRENS IN ADDITIONAL PLACES
-
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-

Please provide any additional comments on the goals in the space provided below.

BETTER INSTRUCTIONS

EXAMPLE: MARK ✓ IN BOX ONLY IF YOU WOULD LIKE ~~IT~~ CHANGED. THEN WRITE COMMENT ON LINE.

KEEP ALL SPACE



Name & Organization: GARY Frankhouse - Crawford Partnership - Economic + Community Development

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Coordination of Fire + EMS services originating from Galion + Bucyrus + extending to townships Crestline



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Name & Organization: Jette Cander CCEMA

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Coordinate existing plans and strategies already in place to put them to more effective use, *inclusive*

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Name & Organization: Jane Phelan LEPC

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Emergency - I Support would like continue support among all !
maybe for the response system in areas ~~out~~ out
several miles. &
Warning ~~ing~~ Sirens in County (rural) area



Name & Organization: Richard Rowell LEPC

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Name & Organization: M. W. JACOBS LEPC

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Name & Organization: Blythe Burmiz; Crawford County Public Health

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- Coordinate existing plans and strategies ~~already in place to put them to more effective use.~~
to ensure they are effective and inclusive
- Strengthen communication between ~~various~~ communities and agencies throughout the County to ~~make them aware of good~~, sound mitigation activities and practices.
Ensure Awareness and
- Continue to coordinate policies and plans for the protection of critical facilities, services, and infrastructure.

Property Protection

- ~~To~~ develop practices and implement activities to protect lives and reduce damages to homes, businesses, industries, and agricultural areas of Crawford County.

Emergency Services

- Continue to support and coordinate emergency services efforts throughout the County and continue to strengthen emergency operation plans at the various Crawford County communities.

Structural Projects

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And Management



Natural Resource Protection

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Public Information

- Continue to promote public awareness of the risks associated with ~~natural~~ hazard events. and preparedness information

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Goals should be S.M.A.R.T. goals or at least encompass the basic attributes - Specific, Attainable, and realistic



CRAWFORD COUNTY HAZARD MITIGATION PLAN

Name & Organization: Kate Siefert, Health Commissioner, Crawford County Public Health

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Remove the word "natural" to be more inclusive

- Coordinate existing plans and strategies ~~already in place~~ to put them to more effective use.

to ensure effective & inclusive.

- OK continue Strengthen communication between various communities and agencies throughout the County to make them aware of good, sound mitigation activities and practices.

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Structural Projects

- Continued ~~maintenance~~ management of existing river, stream, and retention dikes and levees.



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Public Information

- Continue to promote public awareness of the risks associated with ~~natural~~ hazard events.

remove "natural"

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Improve & make them "SMART" Goals.



CRAWFORD COUNTY HAZARD MITIGATION PLAN

Name & Organization: MIKE HALL - CRAWFORD SOIL & WATER CONSERV. DISTRICT

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EMA CELL PHONE NOTIFICATIONS WORK BEST - REACH MOST - ANY PLACE

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FLOODING FEARS + DRAINAGE INFRASTRUCTURE DUE TO OBSTRUCTIONS / LACK OF MAINTENANCE / UNDRS (RED) (AGED)

Emergency Services

- Continue to support and coordinate emergency services efforts throughout the County and continue to strengthen emergency operation plans at the various Crawford County communities.

- TRAINS @ RAIL CROSSINGS / FLOODED ROADS EMS RESPONSE TIME

Structural Projects

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FLOODING ISSUES ARE COMPOUNDED BY LACK OF STREAM MAINT. W/ LOG JAMS AND CROP RESIDUES PLUGGING SURFACE AND SUBSURFACE FLOWS, LEADING TO CROP LOSSES, HOME/RESIDENTIAL LOSSES, ACCIDENTS DUE TO FLOODING 'ROADS' THAT ARE NOT "NORMALLY" FLOODED, SEVERITY/INTENSITY TREND OF STORMS INCREASES THE FREQUENCY OF THIS BEING A PROBLEM.



CRAWFORD COUNTY HAZARD MITIGATION PLAN

Name & Organization: KYLE HARTMAN CRAWFORD COUNTY AUDITOR'S OFFICE

HAZARD PRIORITIES

Instructions:

1. Consider each hazard below.
2. Rate each hazard on a scale of 0 to 5 based on how important each hazard is to your community.
3. If a hazard should not be studied, give it a zero (0).
4. Provide any comments you would like to share regarding your selected ratings.

Priority Rating Scale:

- 0 = Not a Priority/Remove
- 1 = Lowest Priority
- 2 = Low-Medium Priority
- 3 = Medium Priority
- 4 = Medium-High Priority
- 5 = Highest Priority

2014 Hazards	Priority Ratings (0-5)
1. Dam Failure	3
2. Drought and Extreme Heat	3
3. Earthquakes	2
4. Epidemic	2
5. Flooding	4/5
6. Severe Storms	4
7. Severe Winter Storms	4
8. Tornadoes	3
Possible Additional Hazards	Priority Ratings (0-5)
9. Landslides	1 (MAYBE)
10. Hazardous Materials	4
11. Invasive Species	2
12. Utility Failure	2
13. Wildfire	2
14. Terrorism (LONE WOLF/COPY CAT THREAT)	2
15. Hurricanes/Tropical Storms	1 (MAYBE)
16. Mine Subsidence	1 (MAYBE)

Comments



CRAWFORD COUNTY HAZARD MITIGATION PLAN

Name & Organization: Danny Weissenauer Crawford County

HAZARD PRIORITIES

Instructions:

1. Consider each hazard below.
2. Rate each hazard on a scale of 0 to 5 based on how important each hazard is to your community.
3. If a hazard should not be studied, give it a zero (0).
4. Provide any comments you would like to share regarding your selected ratings.

Priority Rating Scale:

- 0 = Not a Priority/Remove
- 1 = Lowest Priority
- 2 = Low-Medium Priority
- 3 = Medium Priority
- 4 = Medium-High Priority
- 5 = Highest Priority

2014 Hazards	Priority Ratings (0-5)
1. Dam Failure	1
2. Drought and Extreme Heat	3
3. Earthquakes	1
4. Epidemic	4
5. Flooding	4
6. Severe Storms	4
7. Severe Winter Storms	4
8. Tornadoes	4
Possible Additional Hazards	Priority Ratings (0-5)
9. Landslides	1
10. Hazardous Materials	3
11. Invasive Species	3
12. Utility Failure	4
13. Wildfire	1
14. Terrorism	1
15. Hurricanes/Tropical Storms	0
16. Mine Subsidence	0

Comments



CRAWFORD COUNTY HAZARD MITIGATION PLAN

Name & Organization: MO RESCRIPT County Commissioner

HAZARD PRIORITIES

Instructions:

- 1. Consider each hazard below.
2. Rate each hazard on a scale of 0 to 5 based on how important each hazard is to your community.
3. If a hazard should not be studied, give it a zero (0).
4. Provide any comments you would like to share regarding your selected ratings.

Priority Rating Scale:

- 0 = Not a Priority/Remove
1 = Lowest Priority
2 = Low-Medium Priority
3 = Medium Priority
4 = Medium-High Priority
5 = Highest Priority

Table with 2 columns: 2014 Hazards and Priority Ratings (0-5). Rows include Dam Failure (3), Drought and Extreme Heat (3), Earthquakes (2), Epidemic (5), Flooding (3), Severe Storms (5), Severe Winter Storms (5), and Tornadoes (5).

Table with 2 columns: Possible Additional Hazards and Priority Ratings (0-5). Rows include Landslides (0), Hazardous Materials (5), Invasive Species (3), Utility Failure (4), Wildfire (0), Terrorism (5), Hurricanes/Tropical Storms (0), and Mine Subsidence (0).

Comments
Computer Hacking



CRAWFORD COUNTY HAZARD MITIGATION PLAN

Name & Organization: TIM LEY, CRAWFORD CO. COMMISSIONER

HAZARD PRIORITIES

Instructions:

1. Consider each hazard below.
2. Rate each hazard on a scale of 0 to 5 based on how important each hazard is to your community.
3. If a hazard should not be studied, give it a zero (0).
4. Provide any comments you would like to share regarding your selected ratings.

Priority Rating Scale:

- 0 = Not a Priority/Remove
- 1 = Lowest Priority
- 2 = Low-Medium Priority
- 3 = Medium Priority
- 4 = Medium-High Priority
- 5 = Highest Priority

2014 Hazards	Priority Ratings (0-5)
1. Dam Failure	4 0
2. Drought and Extreme Heat	2
3. Earthquakes	0
4. Epidemic	2
5. Flooding	5
6. Severe Storms	5
7. Severe Winter Storms	4
8. Tornadoes	5
Possible Additional Hazards	Priority Ratings (0-5)
9. Landslides	0
10. Hazardous Materials	3
11. Invasive Species	0
12. Utility Failure	4
13. Wildfire	0
14. Terrorism	0 5 cybr ATTACKS
15. Hurricanes/Tropical Storms	0 0
16. Mine Subsidence	0

Comments

Mostly OUR AREA INVOLVES STORMS, TORNADOES AND FLOODING IN SOME AREA'S

"5"

* Computer Hacking or CyBR ATTACK PROTECTION & EDUCATION



CRAWFORD COUNTY HAZARD MITIGATION PLAN

Name & Organization: Gary Frankhouse, Crawford Partnership

HAZARD PRIORITIES

Instructions:

1. Consider each hazard below.
2. Rate each hazard on a scale of 0 to 5 based on how important each hazard is to your community.
3. If a hazard should not be studied, give it a zero (0).
4. Provide any comments you would like to share regarding your selected ratings.

Priority Rating Scale:

- 0 = Not a Priority/Remove
- 1 = Lowest Priority
- 2 = Low-Medium Priority
- 3 = Medium Priority
- 4 = Medium-High Priority
- 5 = Highest Priority

2014 Hazards	Priority Ratings (0-5)
1. Dam Failure	3
2. Drought and Extreme Heat	2
3. Earthquakes	0
4. Epidemic	0
5. Flooding	4
6. Severe Storms	4
7. Severe Winter Storms	4
8. Tornadoes	4
Possible Additional Hazards	Priority Ratings (0-5)
9. Landslides	0
10. Hazardous Materials	3
11. Invasive Species	3
12. Utility Failure	5
13. Wildfire	1
14. Terrorism	1
15. Hurricanes/Tropical Storms	0
16. Mine Subsidence	0

Comments

Ice storms 4

#13

COMPLETE

Collector: Web Link 1 (Web Link)
Started: Thursday, August 22, 2019 9:48:04 AM
Last Modified: Thursday, August 22, 2019 9:53:24 AM
Time Spent: 00:05:19
IP Address: 74.4.28.203

Page 1: Survey Instructions

Q1 Name and Organization

Name	Scott Kent
Organization/Agency	Crawford County Sheriff's Office
Title/Position	Sheriff
Email Address	scott.kent@crawfordcountysheriffohio.com

Page 2: Goals Survey

Q2 Preventative: To reduce risk and loss of life by implementing activities to give Crawford County citizens as much advance warning as possible of impending natural hazards.	Respondent skipped this question
---	---

Q3 Preventative: Coordinate existing plans and strategies already in place to put them to more effective use.	Respondent skipped this question
--	---

Q4 Preventative: Strengthen communication between various communities and agencies throughout the County to make them aware of good, sound mitigation activities and practices.	Keep goal as written with no modifications
--	---

Q5 Preventative: Continue to coordinate policies and plans for the protection of critical facilities, services, and infrastructure.	Keep goal as written with no modifications
--	---

Q6 Property Protection: To develop practices and implement activities to protect lives and reduce damages to homes, businesses, industries, and agricultural areas of Crawford County.	Keep goal as written with no modifications
---	---

Crawford County Hazard Mitigation Plan: Goals and Hazard Priority Survey

Q7 Emergency Services: Continue to support and coordinate emergency services efforts throughout the County and continue to strengthen emergency operation plans at the various Crawford County communities.

Keep goal as written with no modifications

Q8 Structural Projects: Continued maintenance of existing river, stream, and retention dikes and levees.

Keep goal as written with no modifications

Q9 Natural Resource Protection: Continue to rehabilitate, protect, and enhance the natural systems already in place in order to preserve the rich, historical, and agricultural environment found in Crawford County.

Keep goal as written with no modifications

Q10 Public Information: Continue to promote public awareness of the risks associated with natural hazard events.

Keep goal as written with no modifications

Q11 If there is a new goal that should be included, please type that goal below

Respondent skipped this question

Q12 Please provide any additional comments related to these goals in the space below.

Respondent skipped this question

Page 3: Hazard Priorities

Q13 Hazards included in 2014 Plan

Dam Failure	Low-Medium Priority
Drought and Extreme Heat	Low-Medium Priority
Earthquakes	Low-Medium Priority
Epidemic	Medium Priority
Flooding	Medium-High Priority
Severe Summer Storms	Highest Priority
Severe Winter Storms	Highest Priority
Tornadoes	Highest Priority

Q14 Possible Additional Hazards

Landslides	Lowest Priority
Hazardous Materials	Highest Priority
Invasive Species	Medium Priority
Utility Failure	Medium Priority
Wildfire	Low-Medium Priority
Terrorism	Highest Priority
Hurricanes/Tropical Storms	Lowest Priority
Mine Subsidence (ground movement due to underground mines)	Lowest Priority

Q15 Please provide any additional comments about these hazards.

Respondent skipped this question

Page 4: Survey Complete!

Q16 General Comments

Respondent skipped this question



Name & Organization: Jette Cauder

HAZARD PRIORITIES

Instructions:

1. Consider each hazard below.
2. Rate each hazard on a scale of 0 to 5 based on how important each hazard is to your community.
3. If a hazard should not be studied, give it a zero (0).
4. Provide any comments you would like to share regarding your selected ratings.

Priority Rating Scale:

- 0 = Not a Priority/Remove
- 1 = Lowest Priority
- 2 = Low-Medium Priority
- 3 = Medium Priority
- 4 = Medium-High Priority
- 5 = Highest Priority

2014 Hazards	Priority Ratings (0-5)
1. Dam Failure	5
2. Drought and Extreme Heat	3
3. Earthquakes	3
4. Epidemic	5
5. Flooding	5
6. Severe Storms	5
7. Severe Winter Storms	5
8. Tornadoes	5
Possible Additional Hazards	Priority Ratings (0-5)
9. Landslides	0
10. Hazardous Materials	5
11. Invasive Species	4
12. Utility Failure	5
13. Wildfire	5
14. Terrorism	5
15. Hurricanes/Tropical Storms	0
16. Mine Subsidence	1

Comments



Name & Organization: Kirk Williamson

HAZARD PRIORITIES

Instructions:

1. Consider each hazard below.
2. Rate each hazard on a scale of 0 to 5 based on how important each hazard is to your community.
3. If a hazard should not be studied, give it a zero (0).
4. Provide any comments you would like to share regarding your selected ratings.

Priority Rating Scale:

- 0 = Not a Priority/Remove
- 1 = Lowest Priority
- 2 = Low-Medium Priority
- 3 = Medium Priority
- 4 = Medium-High Priority
- 5 = Highest Priority

2014 Hazards	Priority Ratings (0-5)
1. Dam Failure	4
2. Drought and Extreme Heat	3
3. Earthquakes	3
4. Epidemic	4
5. Flooding	5
6. Severe Storms	5
7. Severe Winter Storms	4
8. Tornadoes	5
Possible Additional Hazards	Priority Ratings (0-5)
9. Landslides	-
10. Hazardous Materials	4
11. Invasive Species	3
12. Utility Failure	4
13. Wildfire	-
14. Terrorism	3
15. Hurricanes/Tropical Storms	0
16. Mine Subsidence	-

Comments



CRAWFORD COUNTY HAZARD MITIGATION PLAN

Name & Organization: MARK BAKER - ENGINEERS OFFICE

HAZARD PRIORITIES

Instructions:

1. Consider each hazard below.
2. Rate each hazard on a scale of 0 to 5 based on how important each hazard is to your community.
3. If a hazard should not be studied, give it a zero (0).
4. Provide any comments you would like to share regarding your selected ratings.

Priority Rating Scale:

- 0 = Not a Priority/Remove
- 1 = Lowest Priority
- 2 = Low-Medium Priority
- 3 = Medium Priority
- 4 = Medium-High Priority
- 5 = Highest Priority

2014 Hazards	Priority Ratings (0-5)
1. Dam Failure	1
2. Drought and Extreme Heat	2
3. Earthquakes	1
4. Epidemic	3
5. Flooding	4
6. Severe Storms	4
7. Severe Winter Storms	4
8. Tornadoes	5

Possible Additional Hazards	Priority Ratings (0-5)
9. Landslides	0
10. Hazardous Materials	4
11. Invasive Species	3
12. Utility Failure	3
13. Wildfire	1
14. Terrorism	3 5
15. Hurricanes/Tropical Storms	0
16. Mine Subsidence	0

Comments



Name & Organization: Jane Pharris - KEPC

HAZARD PRIORITIES

Instructions:

1. Consider each hazard below.
2. Rate each hazard on a scale of 0 to 5 based on how important each hazard is to your community.
3. If a hazard should not be studied, give it a zero (0).
4. Provide any comments you would like to share regarding your selected ratings.

Priority Rating Scale:

- 0 = Not a Priority/Remove
- 1 = Lowest Priority
- 2 = Low-Medium Priority
- 3 = Medium Priority
- 4 = Medium-High Priority
- 5 = Highest Priority

2014 Hazards	Priority Ratings (0-5)
1. Dam Failure	3
2. Drought and Extreme Heat	3
3. Earthquakes	0 1
4. Epidemic	0 4
5. Flooding	4
6. Severe Storms	4
7. Severe Winter Storms	4
8. Tornadoes	0 4
Possible Additional Hazards	Priority Ratings (0-5)
9. Landslides	2
10. Hazardous Materials	5
11. Invasive Species	2
12. Utility Failure	3
13. Wildfire	0 1
14. Terrorism	2
15. Hurricanes/Tropical Storms	1
16. Mine Subsidence	0 1

Comments

[Empty space for handwritten comments]



CRAWFORD COUNTY HAZARD MITIGATION PLAN

Name & Organization: Richard Rockwell - LEPC

HAZARD PRIORITIES

Instructions:

1. Consider each hazard below.
2. Rate each hazard on a scale of 0 to 5 based on how important each hazard is to your community.
3. If a hazard should not be studied, give it a zero (0).
4. Provide any comments you would like to share regarding your selected ratings.

Priority Rating Scale:

- 0 = Not a Priority/Remove
- 1 = Lowest Priority
- 2 = Low-Medium Priority
- 3 = Medium Priority
- 4 = Medium-High Priority
- 5 = Highest Priority

2014 Hazards	Priority Ratings (0-5)
1. Dam Failure	1
2. Drought and Extreme Heat	1
3. Earthquakes	0
4. Epidemic	4
5. Flooding	5
6. Severe Storms	5
7. Severe Winter Storms	5
8. Tornadoes	5

Possible Additional Hazards	Priority Ratings (0-5)
9. Landslides	1
10. Hazardous Materials	5
11. Invasive Species	2
12. Utility Failure	5
13. Wildfire	4
14. Terrorism	3
15. Hurricanes/Tropical Storms	3
16. Mine Subsidence	0

Comments



Name & Organization: Michael W Jacoby LEAC

HAZARD PRIORITIES

Instructions:

1. Consider each hazard below.
2. Rate each hazard on a scale of 0 to 5 based on how important each hazard is to your community.
3. If a hazard should not be studied, give it a zero (0).
4. Provide any comments you would like to share regarding your selected ratings.

Priority Rating Scale:

- 0 = Not a Priority/Remove
- 1 = Lowest Priority
- 2 = Low-Medium Priority
- 3 = Medium Priority
- 4 = Medium-High Priority
- 5 = Highest Priority

2014 Hazards	Priority Ratings (0-5)
1 1. Dam Failure	1
4 2. Drought and Extreme Heat	4
2 3. Earthquakes	2
4 4. Epidemic	4
5 5. Flooding	5
5 6. Severe Storms	5
5 7. Severe Winter Storms	5
5 8. Tornadoes	5

Possible Additional Hazards	Priority Ratings (0-5)
9. Landslides	1
10. Hazardous Materials	5
11. Invasive Species	4
12. Utility Failure	5
13. Wildfire	2
14. Terrorism	2
15. Hurricanes/Tropical Storms	0
16. Mine Subsidence	0

Comments



CRAWFORD COUNTY HAZARD MITIGATION PLAN

Name & Organization: Kate Siefert, Health Commissioner, Crawford County Public Health

HAZARD PRIORITIES

Instructions:

1. Consider each hazard below.
2. Rate each hazard on a scale of 0 to 5 based on how important each hazard is to your community.
3. If a hazard should not be studied, give it a zero (0).
4. Provide any comments you would like to share regarding your selected ratings.

Priority Rating Scale:

- 0 = Not a Priority/Remove
- 1 = Lowest Priority
- 2 = Low-Medium Priority
- 3 = Medium Priority
- 4 = Medium-High Priority
- 5 = Highest Priority

2014 Hazards	Priority Ratings (0-5)
1. Dam Failure	1
2. Drought and Extreme Heat	3
3. Earthquakes	1
4. Epidemic	3
5. Flooding	4 5
6. Severe Storms	4
7. Severe Winter Storms	4
8. Tornadoes	4
Possible Additional Hazards	Priority Ratings (0-5)
9. Landslides	0
10. Hazardous Materials	3
11. Invasive Species	1
12. Utility Failure	3
13. Wildfire	0
14. Terrorism	3
15. Hurricanes/Tropical Storms	0
16. Mine Subsidence	0

Comments



CRAWFORD COUNTY HAZARD MITIGATION PLAN

Name & Organization: MIKE HALL - CRAWFORD SOIL & WATER CONSERVATION DISTRICT

HAZARD PRIORITIES

Instructions:

- 1. Consider each hazard below.
2. Rate each hazard on a scale of 0 to 5 based on how important each hazard is to your community.
3. If a hazard should not be studied, give it a zero (0).
4. Provide any comments you would like to share regarding your selected ratings.

Priority Rating Scale:

- 0 = Not a Priority/Remove
1 = Lowest Priority
2 = Low-Medium Priority
3 = Medium Priority
4 = Medium-High Priority
5 = Highest Priority

Table with 2 columns: Hazard Name and Priority Rating (0-5). Rows include 2014 Hazards (Dam Failure, Drought and Extreme Heat, Earthquakes, Epidemic, Flooding, Severe Storms, Severe Winter Storms, Tornadoes) and Possible Additional Hazards (Landslides, Hazardous Materials, Invasive Species, Utility Failure, Wildfire, Terrorism, Hurricanes/Tropical Storms, Mine Subsidence).

Comments



CRAWFORD COUNTY

NAME: MARK BAKER POSITION: CRAWFORD Co. ENGINEER

Step 1: Status Update

#	Hazard Type	Mitigation Action	Start Date	End Date	Status	Remarks	Comments
1	Multiple Hazards	Increase communication, coordination and collaboration among community leaders, property owners, local building regulations and zoning authorities to address risk and provide uniformity and consistency in implementing sound mitigation practices.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	Where: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	?
2	Multiple Hazards	Develop a large gathering shelter plan for festivals and other events.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	Where: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	?
3	Multiple Hazards	Implement recommendations of feasibility study for upgrading countywide safety service communications.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	Where: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	?
4	Multiple Hazards	Identify and pursue funding options and opportunities to develop and implement local and county natural hazard mitigation activities.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	Where: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	?
5	Multiple Hazards	Continuance of a First Responders supply depot.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	Where: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	?



CRAWFORD COUNTY HAZARD MITIGATION PLAN
PREVIOUS MITIGATION ACTIONS STATUS & SCORING MATRIX

#	Hazard Type	Mitigation Action	Start Date	End Date	Status	Remarks	Comments
3	Multiple Hazards	Encourage underground utility placement and tree maintenance programs in public right of ways.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	<i>County Removes Trees & other hazards and to evaluate bases.</i>
7	Tornadoes	Convert old fire sirens into tornado sirens	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	?
8	Tornadoes	Continue yearly tornado drills at all schools.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	?
9	Tornadoes	Provide weather radios to homes that are in sparsely populated areas.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	?
10	Tornadoes	Participate in the Ohio Safe Room Rebate Program	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	?
11	Tornadoes	Establish NOAA Weather Radio program for festivals, fairgrounds, campgrounds, parks, and recreation areas.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	?
12	Tornadoes	Safe room for mobile home parks.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	?



CRAWFORD COUNTY HAZARD MITIGATION PLAN
PREVIOUS MITIGATION ACTIONS STATUS & SCORING MATRIX

#	Hazard Type	Mitigation Action	Start Date	End Date	Status	Remarks	Comments
13	Flooding	Identify surface water/county tile drainage obstructions for unincorporated areas.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	County Does Review & maintain county ditches
14	Flooding	Encourage development of strategies to preserve scenic waterways and open space in and around floodplains.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	?
15	Flooding	Pursue mitigation activities and funding for designated flood prone areas.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	County cleans (dps), mows & sprays county ditches
16	Flooding	Investigate and record repetitive flooding areas in cities and villages.	Oct. 6, 2006	Oct. 7, 2016	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	?
17	Winter Storms	Increase public awareness of severe winter storms.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	?
18	Drought	Provide education opportunities to farmers to reduce adverse effects of drought.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	?
19	Drought	Cities and villages to adopt water conservation measures and standards.	Oct. 6, 2006	Oct. 7, 2011	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	?



CRAWFORD COUNTY HAZARD MITIGATION PLAN
PREVIOUS MITIGATION ACTIONS STATUS & SCORING MATRIX

#	Hazard Type	Mitigation Action	Start Date	End Date	Status	Remarks	Comments
20	Earthquake	Provide public awareness and safety procedures during and following an earthquake event.	Oct. 5, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	?

Step 2: Ratings

#	Hazard & Associated Mitigation Action	Include in Updated Plan? (Y/N)	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Risk Reduction	Comments
1	Increase communication, coordination and collaboration among community leaders, property owners, local building regulations and zoning authorities to address risk and provide uniformity and consistency in implementing sound mitigation practices.	Y	4	5	5	3	3	
2	Develop a large gathering shaker plan for festivals and other events.	N						
3	Implement recommendations of feasibility study for upgrading countywide safety service communications.	Y	3	3	5	3	3	
4	Identify and pursue funding options and opportunities to develop and implement local and county natural hazard mitigation activities.	Y	3	3	5	3	3	
5	Continuance of a First Responders supply depot.	N						



CRAWFORD COUNTY HAZARD MITIGATION PLAN
 PREVIOUS MITIGATION ACTIONS STATUS & SCORING MATRIX

#	Hazard & Associated Mitigation Action	Include in Updated Plan? (Y/N)	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Risk Reduction	Comments
6	Encourage underground utility placement and tree maintenance programs in public right of ways.	Y	4	5	5	3	4	
7	Convert old fire sirens into tornado sirens	N						
8	Continue yearly tornado drills at all schools.	Y	5	5	5	5	5	
9	Provide weather radios to homes that are in sparsely populated areas.	N						
10	Participate in the Ohio Safe Room Rebate Program	N						
11	Establish NOAA Weather Radio program for festivals, fairgrounds, campgrounds, parks, and recreation areas.	Y	5	4	5	3	3	
12	Safe room for mobile home parks.	Y	1	5	5	3	3	
13	Identify surface water/county tile drainage obstructions for unincorporated areas.	N						
14	Encourage development of strategies to preserve scenic waterways and open space in and around floodplains.	N						
15	Pursue mitigation activities and funding for designated flood prone areas.	Y	3	4	5	3	3	
16	Investigate and record repetitive flooding areas in cities and villages.	Y	3	4	5	3	3	



CRAWFORD COUNTY HAZARD MITIGATION PLAN
PREVIOUS MITIGATION ACTIONS STATUS & SCORING MATRIX

CRAWFORD COUNTY

NAME: Steve Phenicie

POSITION: LEPC

Step 1: Status Update

#	Hazard Type	Mitigation Action	Start Date	End Date	Status	Remarks	Comments
1	Multiple Hazards	Increase communication, coordination and collaboration among community leaders, property owners, local building regulations and zoning authorities to address risk and provide uniformity and consistency in implementing sound mitigation practices.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
2	Multiple Hazards	Develop a large gathering shelter plan for festivals and other events.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
3	Multiple Hazards	Implement recommendations of feasibility study for upgrading countywide safety service communications.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
4	Multiple Hazards	Identify and pursue funding options and opportunities to develop and implement local and county natural hazard mitigation activities.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
5	Multiple Hazards	Continuance of a First Responders supply depot.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	



CRAWFORD COUNTY HAZARD MITIGATION PLAN
PREVIOUS MITIGATION ACTIONS STATUS & SCORING MATRIX

#	Hazard Type	Mitigation Action	Start Date	End Date	Status	Remarks	Comments
6	Multiple Hazards	Encourage underground utility placement and tree maintenance programs in public right of ways.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
7	Tornadoes	Convert old fire sirens into tornado sirens	Oct. 5, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	<i>Add rural areas</i>
8	Tornadoes	Continue yearly tornado drills at all schools.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
9	Tornadoes	Provide weather radios to homes that are in sparsely populated areas.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
10	Tornadoes	Participate in the Ohio Safe Room Rebate Program	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
11	Tornadoes	Establish NOAA Weather Radio program for festivals, fairgrounds, campgrounds, parks, and recreation areas.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	<i>Very important</i>
12	Tornadoes	Safe room for mobile home parks.	Oct. 5, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	



PREVIOUS MITIGATION ACTIONS STATUS & SCORING MATRIX

#	Hazard Type	Mitigation Action	Start Date	End Date	Status	Remarks	Comments
20	Earthquake	Provide public awareness and safety procedures during and following an earthquake event.	Oct. 5, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	Some are done. We started.

Step 2: Ratings

#	Hazard & Associated Mitigation Action	Include in Updated Plan? (Y/N)	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Risk Reduction	Comments
1	Increase communication, coordination and collaboration among community leaders, property owners, local building regulations and zoning authorities to address risk and provide uniformity and consistency in implementing sound mitigation practices.	Y	3	3	5	5	2	
2	Develop a large gathering shelter plan for festivals and other events.	Y		3				
3	Implement recommendations of feasibility study for upgrading countywide safety service communications.	Y	5	5	5	5		
4	Identify and pursue funding options and opportunities to develop and implement local and county natural hazard mitigation activities.	N						
5	Continuance of a First Responders supply depot.	Y	5	5	5	5		



CRAWFORD COUNTY HAZARD MITIGATION PLAN
PREVIOUS MITIGATION ACTIONS STATUS & SCORING MATRIX

#	Hazard Type	Mitigation Action	Start Date	End Date	Status	Remarks	Comments
13	Flooding	Identify surface water/county tile drainage obstructions for unincorporated areas.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input checked="" type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	<i>Most work done in this county in projects</i>
14	Flooding	Encourage development of strategies to preserve scenic waterways and open space in and around floodplains.	Oct. 6, 2006	Oct. 7, 2019	<input checked="" type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
15	Flooding	Pursue mitigation activities and funding for designated flood prone areas.	Oct. 6, 2006	Oct. 7, 2019	<input checked="" type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
16	Flooding	Investigate and record repetitive flooding areas in cities and villages.	Oct. 6, 2006	Oct. 7, 2016	<input checked="" type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
17	Winter Storms	Increase public awareness of severe winter storms.	Oct. 6, 2006	Oct. 7, 2019	<input checked="" type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	<i>Do great job</i>
18	Drought	Provide education opportunities to farmers to reduce adverse effects of drought.	Oct. 6, 2006	Oct. 7, 2019	<input checked="" type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
19	Drought	Cities and villages to adopt water conservation measures and standards.	Oct. 6, 2006	Oct. 7, 2011	<input checked="" type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	



CRAWFORD COUNTY HAZARD MITIGATION PLAN
 PREVIOUS MITIGATION ACTIONS STATUS & SCORING MATRIX

#	Hazard & Associated Mitigation Action	Include in Updated Plan? (Y/N)	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Risk Reduction	Comments
6	Encourage underground utility placement and tree maintenance programs in public right of ways.	Y	5	5	5	4	2	
7	Convert old fire sirens into tornado sirens	Y	5	5	5	5	5	
8	Continue yearly tornado drills at all schools.	Y	5	5	5	5	5	
9	Provide weather radios to homes that are in sparsely populated areas.	Y	3	3	1	3	2	
10	Participate in the Ohio Safe Room Rebate Program							
11	Establish NOAA Weather Radio program for festivals, fairgrounds, campgrounds, parks, and recreation areas.	Y	5	5	5	4		Some places have to accept responsibility
12	Safe room for mobile home parks.	Y	3	3	2	3	2	Owners need to have a plan
13	Identify surface water/county tile drainage obstructions for unincorporated areas.	Y	5	5	5	5	5	
14	Encourage development of strategies to preserve scenic waterways and open space in and around floodplains.	Y	3	3	4	3	3	
15	Pursue mitigation activities and funding for designated flood prone areas.	Y	4	4	4	4	4	
16	Investigate and record repetitive flooding areas in cities and villages.	Y	4	4	4	4	4	



CRAWFORD COUNTY HAZARD MITIGATION PLAN
PREVIOUS MITIGATION ACTIONS STATUS & SCORING MATRIX

#	Hazard & Associated Mitigation Action	Include in Updated Plan? (Y/N)	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Risk Reduction	Comments
17	Increase public awareness of severe winter storms.	Y	5	5	5	5	4	
18	Provide education opportunities to farmers to reduce adverse effects of drought.	Y	2	2	2	2	2	Thank they know thru meetings taught
19	Cities and villages to adopt water conservation measures and standards.	Y	4	4	4	4	4	
20	Provide public awareness and safety procedures during and following an earthquake event.	Y	1	1	1	1	1	



CRAWFORD COUNTY HAZARD MITIGATION PLAN
PREVIOUS MITIGATION ACTIONS STATUS & SCORING MATRIX

CRAWFORD COUNTY

NAME: _____

POSITION: _____

Step 1: Status Update

#	Hazard Type	Mitigation Action	Start Date	End Date	Status	Remarks	Comments
1	Multiple Hazards	Increase communication, coordination and collaboration among community leaders, property owners, local building regulations and zoning authorities to address risk and provide uniformity and consistency in implementing sound mitigation practices.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
2	Multiple Hazards	Develop a large gathering shelter plan for festivals and other events.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
3	Multiple Hazards	Implement recommendations of feasibility study for upgrading countywide safety service communications.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
4	Multiple Hazards	Identify and pursue funding options and opportunities to develop and implement local and county natural hazard mitigation activities.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
5	Multiple Hazards	Continuance of a First Responders supply depot.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	



CRAWFORD COUNTY HAZARD MITIGATION PLAN
PREVIOUS MITIGATION ACTIONS STATUS & SCORING MATRIX

#	Hazard Type	Mitigation Action	Start Date	End Date	Status	Remarks	Comments
6	Multiple Hazards	Encourage underground utility placement and tree maintenance programs in public right of ways.	Oct. 5, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
7	Tornadoes	Convert old fire sirens into tornado sirens	Oct. 6, 2006	Oct. 7, 2019	<input checked="" type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
8	Tornadoes	Continue yearly tornado drills at all schools.	Oct. 6, 2006	Oct. 7, 2019	<input checked="" type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
9	Tornadoes	Provide weather radios to homes that are in sparsely populated areas.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
10	Tornadoes	Participate in the Ohio Safe Room Rebate Program	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
11	Tornadoes	Establish NOAA Weather Radio program for festivals, fairgrounds, campgrounds, parks, and recreation areas.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
12	Tornadoes	Safe room for mobile home parks.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input checked="" type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	



CRAWFORD COUNTY HAZARD MITIGATION PLAN
PREVIOUS MITIGATION ACTIONS STATUS & SCORING MATRIX

#	Hazard Type	Mitigation Action	Start Date	End Date	Status	Remarks	Comments
13	Flooding	Identify surface water/county tile drainage obstructions for unincorporated areas.	Oct. 6, 2006	Oct. 7, 2019	<input checked="" type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
14	Flooding	Encourage development of strategies to preserve scenic waterways and open space in and around floodplains.	Oct. 6, 2006	Oct. 7, 2019	<input checked="" type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
15	Flooding	Pursue mitigation activities and funding for designated flood prone areas.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
16	Flooding	Investigate and record repetitive flooding areas in cities and villages.	Oct. 6, 2006	Oct. 7, 2016	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
17	Winter Storms	Increase public awareness of severe winter storms.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
18	Drought	Provide education opportunities to farmers to reduce adverse effects of drought.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
19	Drought	Cities and villages to adopt water conservation measures and standards.	Oct. 6, 2006	Oct. 7, 2011	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	



CRAWFORD COUNTY HAZARD MITIGATION PLAN
PREVIOUS MITIGATION ACTIONS STATUS & SCORING MATRIX

#	Hazard Type	Mitigation Action	Start Date	End Date	Status	Remarks	Comments
20	Earthquake	Provide public awareness and safety procedures during and following an earthquake event.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	

Step 2: Ratings

#	Hazard & Associated Mitigation Action	Include in Updated Plan? (Y/N)	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Risk Reduction	Comments
1	Increase communication, coordination and collaboration among community leaders, property owners, local building regulations and zoning authorities to address risk and provide uniformity and consistency in implementing sound mitigation practices.	Y		Y	Y	Y	Y	
2	Develop a large gathering shelter plan for festivals and other events.	Y		Y	Y	Y	Y	
3	Implement recommendations of feasibility study for upgrading countywide safety service communications.	Y		Y	Y	Y	Y	
4	Identify and pursue funding options and opportunities to develop and implement local and county natural hazard mitigation activities.	Y		Y	Y	Y	Y	
5	Continuance of a First Responders supply depot.	Y		Y	Y	Y	Y	



CRAWFORD COUNTY HAZARD MITIGATION PLAN
PREVIOUS MITIGATION ACTIONS STATUS & SCORING MATRIX

#	Hazard & Associated Mitigation Action	Include in Updated Plan? (Y/N)	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Risk Reduction	Comments
6	Encourage underground utility placement and tree maintenance programs in public right of ways.	Y	5	3	3	5	5	
7	Convert old fire sirens into tornado sirens.	Y	5	5	5	5	4	
8	Continue yearly tornado drills at all schools.	Y	5	5	5	5	5	
9	Provide weather radios to homes that are in sparsely populated areas.	Y	5	5	5	5	5	
10	Participate in the Ohio Safe Room Rebate Program	Y	5	5	5	5	5	
11	Establish NOAA Weather Radio program for festivals, fairgrounds, campgrounds, parks, and recreation areas.	Y	5	5	5	5	5	
12	Safe room for mobile home parks.	Y	5	5	5	5	5	
13	Identify surface water/county life drainage obstructions for unincorporated areas.	Y	5	5	5	5	5	
14	Encourage development of strategies to preserve scenic waterways and open space in and around floodplains.	Y	5	5	5	5	5	
15	Pursue mitigation activities and funding for designated flood prone areas.	Y	5	5	5	5	5	
16	Investigate and record repetitive flooding areas in cities and villages.	Y	5	5	5	5	5	



CRAWFORD COUNTY HAZARD MITIGATION PLAN
PREVIOUS MITIGATION ACTIONS STATUS & SCORING MATRIX

#	Hazard & Associated Mitigation Action	Include in Updated Plan? (Y/N)	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Risk Reduction	Comments
17	Increase public awareness of severe winter storms.	Y	5	5	5	5	4	
18	Provide education opportunities to farmers to reduce adverse effects of drought.	Y	5	5	5	5	5	
19	Cities and villages to adopt water conservation measures and standards.	Y	6	5	5	5	4	
20	Provide public awareness and safety procedures during and following an earthquake event.	Y	4	5	5	5	5	



CRAWFORD COUNTY HAZARD MITIGATION PLAN
PREVIOUS MITIGATION ACTIONS STATUS & SCORING MATRIX

CRAWFORD COUNTY

NAME: _____

POSITION: _____

Step 1: Status Update

#	Hazard Type	Mitigation Action	Start Date	End Date	Status	Remarks	Comments
1	Multiple Hazards	Increase communication, coordination and collaboration among community leaders, property owners, local building regulations and zoning authorities to address risk and provide uniformity and consistency in implementing sound mitigation practices.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
2	Multiple Hazards	Develop a large gathering shelter plan for festivals and other events.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
3	Multiple Hazards	Implement recommendations of feasibility study for upgrading countywide safety service communications.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
4	Multiple Hazards	Identify and pursue funding options and opportunities to develop and implement local and county natural hazard mitigation activities.	Oct. 6, 2006	Oct. 7, 2019	<input checked="" type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
5	Multiple Hazards	Continuance of a First Responders supply depot.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	



CRAWFORD COUNTY HAZARD MITIGATION PLAN
PREVIOUS MITIGATION ACTIONS STATUS & SCORING MATRIX

#	Hazard Type	Mitigation Action	Start Date	End Date	Status	Remarks	Comments
6	Multiple Hazards	Encourage underground utility placement and tree maintenance programs in public right of ways.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
7	Tornadoes	Convert old fire sirens into tornado sirens	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
8	Tornadoes	Continue yearly tornado drills at all schools.	Oct. 6, 2006	Oct. 7, 2019	<input checked="" type="checkbox"/> Ongoing <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
9	Tornadoes	Provide weather radios to homes that are in sparsely populated areas.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
10	Tornadoes	Participate in the Ohio Safe Room Rebate Program	Oct. 6, 2006	Oct. 7, 2019	<input checked="" type="checkbox"/> Ongoing <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
11	Tornadoes	Establish NOAA Weather Radio program for festivals, fairgrounds, campgrounds, parks, and recreation areas.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
12	Tornadoes	Safe room for mobile home parks.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	



CRAWFORD COUNTY HAZARD MITIGATION PLAN
PREVIOUS MITIGATION ACTIONS STATUS & SCORING MATRIX

#	Hazard Type	Mitigation Action	Start Date	End Date	Status	Remarks	Comments
13	Flooding	Identify surface water/county tile drainage obstructions for unincorporated areas.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
14	Flooding	Encourage development of strategies to preserve scenic waterways and open space in and around floodplains.	Oct. 8, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
15	Flooding	Pursue mitigation activities and funding for designated flood prone areas.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
16	Flooding	Investigate and record repetitive flooding areas in cities and villages.	Oct. 6, 2006	Oct. 7, 2016	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
17	Winter Storms	Increase public awareness of severe winter storms.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
18	Drought	Provide education opportunities to farmers to reduce adverse effects of drought.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
19	Drought	Cities and villages to adopt water conservation measures and standards.	Oct. 6, 2006	Oct. 7, 2011	<input checked="" type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	



CRAWFORD COUNTY HAZARD MITIGATION PLAN
PREVIOUS MITIGATION ACTIONS STATUS & SCORING MATRIX

#	Hazard Type	Mitigation Action	Start Date	End Date	Status	Remarks	Comments
20	Earthquake	Provide public awareness and safety procedures during and following an earthquake event.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	

Step 2: Ratings

#	Hazard & Associated Mitigation Action	Include In Updated Plan? (Y/N)	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Risk Reduction	Comments
1	Increase communication, coordination and collaboration among community leaders, property owners, local building regulations and zoning authorities to address risk and provide uniformity and consistency in implementing sound mitigation practices.	Y	5	Y	5	5	20	
2	Develop a large gathering shelter plan for festivals and other events.	Y	3	Y	3	3	12	
3	Implement recommendations of feasibility study for upgrading countywide safety service communications.	Y	4	Y	4	4	16	
4	Identify and pursue funding options and opportunities to develop and implement local and county natural hazard mitigation activities.	Y	3	Y	3	3	12	
5	Continuance of a First Responders supply depot.	Y	4	Y	4	4	16	



CRAWFORD COUNTY HAZARD MITIGATION PLAN
PREVIOUS MITIGATION ACTIONS STATUS & SCORING MATRIX

#	Hazard & Associated Mitigation Action	Include in Updated Plan? (Y/N)	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Risk Reduction	Comments
6	Encourage underground utility placement and tree maintenance programs in public right of ways.	Y	3	3	3	3	12	
7	Convert old fire sirens into tornado sirens	Y	4	4	4	4	16	
8	Continue yearly tornado drills at all schools.	Y	5	5	5	5	20	
9	Provide weather radios to homes that are in sparsely populated areas.	Y	5	5	5	5	20	
10	Participate in the Ohio Safe Room Rebate Program	Y	5	5	5	5	20	
11	Establish NOAA Weather Radio program for festivals, fairgrounds, campgrounds, parks, and recreation areas.	Y	5	5	5	5	20	
12	Safe room for mobile home parks.	Y	5	5	5	5	20	
13	Identify surface water/county tile drainage obstructions for unincorporated areas.	Y	3	3	3	3	12	
14	Encourage development of strategies to preserve scenic waterways and open space in and around floodplains.	Y	3	3	3	3	12	
15	Pursue mitigation activities and funding for designated flood prone areas.	Y	4	4	4	4	16	
16	Investigate and record repetitive flooding areas in cities and villages.	Y	5	5	5	5	20	



CRAWFORD COUNTY HAZARD MITIGATION PLAN
PREVIOUS MITIGATION ACTIONS STATUS & SCORING MATRIX

#	Hazard & Associated Mitigation Action	Include in Updated Plan? (Y/N)	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Risk Reduction	Comments
17	Increase public awareness of severe winter storms.	Y	3	5	5	5	18	
18	Provide education opportunities to farmers to reduce adverse effects of drought.	Y	3	3	3	3	12	
19	Cities and villages to adopt water conservation measures and standards.	Y	5	5	5	5	20	
20	Provide public awareness and safety procedures during and following an earthquake event.	Y	1	1	1	1	4	



PREVIOUS MITIGATION ACTIONS STATUS & SCORING MATRIX

CRAWFORD COUNTY

NAME: KYLE KORTMAN

POSITION: GIS DIRECTOR AUXILIARY OFFICE

Step 1: Status Update

#	Hazard Type	Mitigation Action	Start Date	End Date	Status	Remarks	Comments
1	Multiple Hazards	Increase communication, coordination and collaboration among community leaders, property owners, local building regulations and zoning authorities to address risk and provide uniformity and consistency in implementing sound mitigation practices.	Oct. 6, 2006	Oct. 7, 2019	<input checked="" type="checkbox"/> Ongoing <input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	I'VE NOT HEARD OF ANYTHING ABOUT THESE LINKS
2	Multiple Hazards	Develop a large gathering shelter plan for festivals and other events.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
3	Multiple Hazards	Implement recommendations of feasibility study for upgrading countywide safety service communications.	Oct. 6, 2006	Oct. 7, 2019	<input checked="" type="checkbox"/> Ongoing <input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
4	Multiple Hazards	Identify and pursue funding options and opportunities to develop and implement local and county natural hazard mitigation activities.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
5	Multiple Hazards	Continuance of a First Responders supply depot.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	

FOR MOST OF THESE IF ANYTHING HAS BEEN DONE THE WORD HAS NOT BEEN PUT OUT TO THE PUBLIC



CRAWFORD COUNTY HAZARD MITIGATION PLAN
PREVIOUS MITIGATION ACTIONS STATUS & SCORING MATRIX

#	Hazard Type	Mitigation Action	Start Date	End Date	Status	Remarks	Comments
6	Multiple Hazards	Encourage underground utility placement and tree maintenance programs in public right of ways.	Oct. 5, 2006	Oct. 7, 2019	<input checked="" type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
7	Tornadoes	Convert old fire sirens into tornado sirens	Oct. 3, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	<i>NO BY EFFECTIVE HAVE CHANGES BEEN?</i>
8	Tornadoes	Continue yearly tornado drills at all schools.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	<i>IS THIS APPROPRIATE?</i>
9	Tornadoes	Provide weather radios to homes that are in sparsely populated areas.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	<i>IS THIS APPROPRIATE?</i>
10	Tornadoes	Participate in the Ohio Safe Room Rebate Program	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	<i>IS THIS APPROPRIATE?</i>
11	Tornadoes	Establish NOAA Weather Radio program for festivals, fairgrounds, campgrounds, parks, and recreation areas.	Oct. 5, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	<i>IS THIS APPROPRIATE?</i>
12	Tornadoes	Safe room for mobile home parks.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	<i>IS THIS APPROPRIATE? I DON'T THINK SO</i>



CRAWFORD COUNTY HAZARD MITIGATION PLAN
PREVIOUS MITIGATION ACTIONS STATUS & SCORING MATRIX

#	Hazard Type	Mitigation Action	Start Date	End Date	Status	Remarks	Comments
13	Flooding	Identify surface water/county tile drainage obstructions for unincorporated areas.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	Such route thru maps?
14	Flooding	Encourage development of strategies to preserve scenic waterways and open space in and around floodplains.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	such a colored park directory?
15	Flooding	Pursue mitigation activities and funding for designated flood prone areas.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	such?
16	Flooding	Investigate and record repetitive flooding areas in cities and villages.	Oct. 6, 2006	Oct. 7, 2016	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	such city files?
17	Winter Storms	Increase public awareness of severe winter storms.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
18	Drought	Provide education opportunities to farmers to reduce adverse effects of drought.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	such?
19	Drought	Cities and villages to adopt water conservation measures and standards.	Oct. 6, 2006	Oct. 7, 2011	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	such?



CRAWFORD COUNTY HAZARD MITIGATION PLAN
PREVIOUS MITIGATION ACTIONS STATUS & SCORING MATRIX

#	Hazard Type	Mitigation Action	Start Date	End Date	Status	Remarks	Comments
20	Earthquake	Provide public awareness and safety procedures during and following an earthquake event.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	KMI ANYTHING BEEN DONE ABOUT THIS?

Step 2: Ratings

#	Hazard & Associated Mitigation Action	Include in Updated Plan? (Y/N)	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Risk Reduction	Comments
1	Increase communication, coordination and collaboration among community leaders, property owners, local building regulations and zoning authorities to address risk and provide uniformity and consistency in implementing sound mitigation practices.	Y	5	5	5	5	5	
2	Develop a large gathering shelter plan for festivals and other events.	N						
3	Implement recommendations of feasibility study for upgrading countywide safety service communications.	Y	5	5			5	
4	Identify and pursue funding options and opportunities to develop and implement local and county natural hazard mitigation activities.	Y					5	
5	Continuance of a First Responders supply depot.	?						



CRAWFORD COUNTY HAZARD MITIGATION PLAN
PREVIOUS MITIGATION ACTIONS STATUS & SCORING MATRIX

#	Hazard & Associated Mitigation Action	Include In Updated Plan? (Y/N)	Cost Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Risk Reduction	Comments
6	Encourage underground utility placement and tree maintenance programs in public right of ways.	Y	4	4	4	4	5	
7	Convert old fire sirens into tornado sirens	Y		?				
8	Continue yearly tornado drills at all schools.	Y		5				
9	Provide weather radios to homes that are in sparsely populated areas.	?	?					
10	Participate in the Ohio Safe Room Rebate Program	?						WANT TO THIS?
11	Establish NOAA Weather Radio program for festivals, fairgrounds, campgrounds, parks, and recreation areas.	?						
12	Safe room for mobile home parks.	?						NAL ANY ATTEMPT BEEN MADE IN AC THIS?
13	Identify surface water/country tile drainage obstructions for unincorporated areas.	Y			5		5	
14	Encourage development of strategies to preserve scenic waterways and open space in and around floodplains.	Y			5		5	
15	Pursue mitigation activities and funding for designated flood prone areas.	Y			5		5	
16	Investigate and record repetitive flooding areas in cities and villages.	Y			5		5	



CRAWFORD COUNTY HAZARD MITIGATION PLAN
PREVIOUS MITIGATION ACTIONS STATUS & SCORING MATRIX

#	Hazard & Associated Mitigation Action	Include in Updated Plan? (Y/N)	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Risk Reduction	Comments
17	Increase public awareness of severe winter storms.	Y	5	5	5	5	5	
18	Provide education opportunities to farmers to reduce adverse effects of drought.	?						
19	Cities and villages to adopt water conservation measures and standards.	?						
20	Provide public awareness and safety procedures during and following an earthquake event.	?						



CRAWFORD COUNTY HAZARD MITIGATION PLAN
PREVIOUS MITIGATION ACTIONS STATUS & SCORING MATRIX

CRAWFORD COUNTY

NAME: Kevin Welss-Aune POSITION: Commissioner

Step 1: Status Update

#	Hazard Type	Mitigation Action	Start Date	End Date	Status	Remarks	Comments
1	Multiple Hazards	Increase communication, coordination and collaboration among community leaders, property owners, local building regulations and zoning authorities to address risk and provide uniformity and consistency in implementing sound mitigation practices.	Oct. 6, 2006	Oct. 7, 2019	<input checked="" type="checkbox"/> Ongoing <input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	New Regras in District Positions
2	Multiple Hazards	Develop a large gathering shelter plan for festivals and other events.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input checked="" type="checkbox"/> Ongoing <input type="checkbox"/> Unchanged	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	EACH EVENT RESOURCES PLAN
3	Multiple Hazards	Implement recommendations of feasibility study for upgrading countywide safety service communications.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	NOT SURE
4	Multiple Hazards	Identify and pursue funding options and opportunities to develop and implement local and county natural hazard mitigation activities.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	OBTAINING GRANTS SOME REQUESTED NOT SURE
5	Multiple Hazards	Continuance of a First Responders supply depot.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	NOT SURE



CRAWFORD COUNTY HAZARD MITIGATION PLAN
PREVIOUS MITIGATION ACTIONS STATUS & SCORING MATRIX

#	Hazard Type	Mitigation Action	Start Date	End Date	Status	Remarks	Comments
5	Multiple Hazards	Encourage underground utility placement and tree maintenance programs in public right of ways.	Oct. 6, 2006	Oct. 7, 2019	<input checked="" type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	Encouraged utilities off public right of ways
7	Tornadoes	Convert old fire sirens into tornado sirens	Oct. 5, 2006	Oct. 7, 2019	<input checked="" type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	Needs more warning devices
8	Tornadoes	Continue yearly tornado drills at all schools.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	Good to have yearly
9	Tornadoes	Provide weather radios to homes that are in sparsely populated areas.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	not sure
10	Tornadoes	Participate in the Ohio Safe Room Rebate Program	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	not sure
11	Tornadoes	Establish NOAA Weather Radio program for festivals, fairgrounds, campgrounds, parks, and recreation areas.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	not sure
12	Tornadoes	Safe room for mobile home parks.	Oct. 5, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	not sure



CRAWFORD COUNTY HAZARD MITIGATION PLAN
PREVIOUS MITIGATION ACTIONS STATUS & SCORING MATRIX

#	Hazard Type	Mitigation Action	Start Date	End Date	Status	Remarks	Comments
13	Flooding	Identify surface water/county tile drainage obstructions for unincorporated areas.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	Not Scored
14	Flooding	Encourage development of strategies to preserve scenic waterways and open space in and around floodplains.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	Not Scored
15	Flooding	Pursue mitigation activities and funding for designated flood prone areas.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	Not Scored
16	Flooding	Investigate and record repetitive flooding areas in cities and villages.	Oct. 6, 2006	Oct. 7, 2016	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	Not Scored
17	Winter Storms	Increase public awareness of severe winter storms.	Oct. 6, 2006	Oct. 7, 2019	<input checked="" type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	ALL work is completed
18	Drought	Provide education opportunities to farmers to reduce adverse effects of drought.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	Not Scored
19	Drought	Cities and villages to adopt water conservation measures and standards.	Oct. 6, 2006	Oct. 7, 2011	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	Not Scored



CRAWFORD COUNTY HAZARD MITIGATION PLAN
PREVIOUS MITIGATION ACTIONS STATUS & SCORING MATRIX

#	Hazard Type	Mitigation Action	Start Date	End Date	Status	Remarks	Comments
20	Earthquake	Provide public awareness and safety procedures during and following an earthquake event.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	NOT SURE

Step 2: Ratings

#	Hazard & Associated Mitigation Action	Include in Updated Plan? (Y/N)	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Risk Reduction	Comments
1	Increase communication, coordination and collaboration among community leaders, property owners, local building regulations and zoning authorities to address risk and provide uniformity and consistency in implementing sound mitigation practices.	YES	5	5	5	5		
2	Develop a large gathering shelter plan for festivals and other events.	YES	5	5	5	5		
3	Implement recommendations of feasibility study for upgrading countywide safety service communications.	YES	5	5	5	5		
4	Identify and pursue funding options and opportunities to develop and implement local and county natural hazard mitigation activities.	YES	5	5	5	5		
5	Continuance of a First Responders supply depot.	YES	5	5	5	5		



CRAWFORD COUNTY HAZARD MITIGATION PLAN
PREVIOUS MITIGATION ACTIONS STATUS & SCORING MATRIX

#	Hazard & Associated Mitigation Action	Include in Updated Plan? (Y/N)	Cost Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Risk Reduction	Comments
6	Encourage underground utility placement and tree maintenance programs in public right of ways.	Yes	3	3	3	3	5	
7	Convert old fire sirens into tornado sirens	Yes	4	4	4	5	5	
8	Continue yearly tornado drills at all schools.	Yes	5	5	5	5	5	
9	Provide weather radios to homes that are in sparsely populated areas.	Yes	3	3	3	4	5	
10	Participate in the Ohio Safe Room Rebate Program							NOT EVALUATED WITH THIS
11	Establish NOAA Weather Radio program for festivals, fairgrounds, campgrounds, parks, and recreation areas.	Yes	5	5	5	5	5	
12	Safe room for mobile home parks.	Yes	4	4	5	5	5	
13	Identify surface water/county tile drainage obstructions for unincorporated areas.	Yes	5	5	5	5	5	
14	Encourage development of strategies to preserve scenic waterways and open space in and around floodplains.	Yes	5	5	5	5	5	
15	Pursue mitigation activities and funding for designated flood prone areas.	Yes	5	5	5	5	5	
16	Investigate and record repetitive flooding areas in cities and villages.	Yes	5	5	5	4	4	



CRAWFORD COUNTY HAZARD MITIGATION PLAN
PREVIOUS MITIGATION ACTIONS STATUS & SCORING MATRIX

#	Hazard & Associated Mitigation Action	Include in Updated Plan? (Y/N)	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Risk Reduction	Comments
17	Increase public awareness of severe winter storms.	yes	5	5	5	5	5	
18	Provide education opportunities to farmers to reduce adverse effects of drought.	yes	4	4	5	5	5	
19	Cities and villages to adopt water conservation measures and standards.	yes	4	4	4	4	4	
20	Provide public awareness and safety procedures during and following an earthquake event.	yes	4	4	4	4	4	



CRAWFORD COUNTY HAZARD MITIGATION PLAN
PREVIOUS MITIGATION ACTIONS STATUS & SCORING MATRIX

CRAWFORD COUNTY

NAME: MO RESSALIAT POSITION: County Commissioner

Step 1: Status Update

#	Hazard Type	Mitigation Action	Start Date	End Date	Status	Remarks	Comments
1	Multiple Hazards	Increase communication, coordination and collaboration among community leaders, property owners, local building regulations and zoning authorities to address risk and provide uniformity and consistency in implementing sound mitigation practices.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input checked="" type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
2	Multiple Hazards	Develop a large gathering shelter plan for festivals and other events.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input checked="" type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
3	Multiple Hazards	Implement recommendations of feasibility study for upgrading countywide safety service communications.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input checked="" type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
4	Multiple Hazards	Identify and pursue funding options and opportunities to develop and implement local and county natural hazard mitigation activities.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input checked="" type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
5	Multiple Hazards	Continuance of a First Responders supply depot	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input checked="" type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	



CRAWFORD COUNTY HAZARD MITIGATION PLAN
PREVIOUS MITIGATION ACTIONS STATUS & SCORING MATRIX

#	Hazard Type	Mitigation Action	Start Date	End Date	Status	Remarks	Comments
6	Multiple Hazards	Encourage underground utility placement and tree maintenance programs in public right of ways.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input checked="" type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
7	Tornadoes	Convert old fire sirens into tornado sirens	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input checked="" type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
8	Tornadoes	Continue yearly tornado drills at all schools.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input checked="" type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
9	Tornadoes	Provide weather radios to homes that are in spersely populated areas.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input checked="" type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
10	Tornadoes	Participate in the Ohio Safe Room Rebate Program	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input checked="" type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
11	Tornadoes	Establish NOAA Weather Radio program for festivals, fairgrounds, campgrounds, parks, and recreation areas.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input checked="" type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
12	Tornadoes	Safe room for mobile home parks.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input checked="" type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	



CRAWFORD COUNTY HAZARD MITIGATION PLAN
PREVIOUS MITIGATION ACTIONS STATUS & SCORING MATRIX

#	Hazard Type	Mitigation Action	Start Date	End Date	Status	Remarks	Comments
13	Flooding	Identify surface water/county tile drainage obstructions for unincorporated areas.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input checked="" type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
14	Flooding	Encourage development of strategies to preserve scenic waterways and open space in and around floodplains.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input checked="" type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
15	Flooding	Pursue mitigation activities and funding for designated flood prone areas.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input checked="" type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
16	Flooding	Investigate and record repetitive flooding areas in cities and villages.	Oct. 6, 2006	Oct. 7, 2016	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input checked="" type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
17	Winter Storms	Increase public awareness of severe winter storms.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input checked="" type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
18	Drought	Provide education opportunities to farmers to reduce adverse effects of drought.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input checked="" type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
19	Drought	Cities and villages to adopt water conservation measures and standards.	Oct. 6, 2006	Oct. 7, 2011	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input checked="" type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	



CRAWFORD COUNTY HAZARD MITIGATION PLAN
PREVIOUS MITIGATION ACTIONS STATUS & SCORING MATRIX

#	Hazard Type	Mitigation Action	Start Date	End Date	Status	Remarks	Comments
20	Earthquake	Provide public awareness and safety procedures during and following an earthquake event.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	

Step 2: Ratings

#	Hazard & Associated Mitigation Action	Include in Updated Plan? (Y/N)	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Risk Reduction	Comments
1	Increase communication, coordination and collaboration among community leaders, property owners, local building regulations and zoning authorities to address risk and provide uniformity and consistency in implementing sound mitigation practices.					X		
2	Develop a large gathering shelter plan for festivals and other events.					X		
3	Implement recommendations of feasibility study for upgrading countywide safety service communications.					X		
4	Identify and pursue funding options and opportunities to develop and implement local and county natural hazard mitigation activities.					X		
5	Continuance of a First Responders supply depot.		X					



CRAWFORD COUNTY HAZARD MITIGATION PLAN
PREVIOUS MITIGATION ACTIONS STATUS & SCORING MATRIX

#	Hazard & Associated Mitigation Action	Include In Updated Plan? (Y/N)	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Risk Reduction	Comments
6	Encourage underground utility placement and tree maintenance programs in public right of ways.					Y		
7	Convert old fire sirens into tornado sirens					Y		
8	Continue yearly tornado drills at all schools.			X				
9	Provide weather radios to homes that are in sparsely populated areas.		X					
10	Participate in the Ohio Safe Room Rebate Program		X					
11	Establish NOAA Weather Radio program for festivals, fairgrounds, campgrounds, parks, and recreation areas.			X				
12	Safe room for mobile home parks.			X				
13	Identify surface water/county tile drainage obstructions for unincorporated areas.					X		
14	Encourage development of strategies to preserve scenic waterways and open space in and around floodplains.				X			
15	Pursue mitigation activities and funding for designated flood prone areas.				X			
16	Investigate and record repetitive flooding areas in cities and villages.					X		



CRAWFORD COUNTY HAZARD MITIGATION PLAN
PREVIOUS MITIGATION ACTIONS STATUS & SCORING MATRIX

#	Hazard & Associated Mitigation Action	Include in Updated Plan? (Y/N)	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Risk Reduction	Comments
17	Increase public awareness of severe winter storms.					X		
18	Provide education opportunities to farmers to reduce adverse effects of drought.					X		
19	Cities and villages to adopt water conservation measures and standards.					X		
20	Provide public awareness and safety procedures during and following an earthquake event.	X						



CRAWFORD COUNTY HAZARD MITIGATION PLAN
PREVIOUS MITIGATION ACTIONS STATUS & SCORING MATRIX

CRAWFORD COUNTY

NAME: Jim Key

POSITION: County Commissioner

Step 1: Status Update

#	Hazard Type	Mitigation Action	Start Date	End Date	Status	Remarks	Comments
1	Multiple Hazards	Increase communication, coordination and collaboration among community leaders, property owners, local building regulators and zoning authorities to address risk and provide uniformity and consistency in implementing sound mitigation practices.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input checked="" type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	<u>Unknown</u>
2	Multiple Hazards	Develop a large gathering shelter plan for festivals and other events.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input checked="" type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: <u>Needs</u> Why: _____ Why: _____ % Complete: _____	<u>Four Grounds</u>
3	Multiple Hazards	Implement recommendations of feasibility study for upgrading countywide safety service communications.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input checked="" type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
4	Multiple Hazards	Identify and pursue funding options and opportunities to develop and implement local and county natural hazard mitigation activities.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input checked="" type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
5	Multiple Hazards	Continuance of a First Responders supply depot.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input checked="" type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	

[Signature]



CRAWFORD COUNTY HAZARD MITIGATION PLAN
PREVIOUS MITIGATION ACTIONS STATUS & SCORING MATRIX

#	Hazard Type	Mitigation Action	Start Date	End Date	Status	Remarks	Comments
6	Multiple Hazards	Encourage underground utility placement and tree maintenance programs in public right of ways.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input checked="" type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
7	Tornadoes	Convert old fire sirens into tornado sirens	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input checked="" type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
8	Tornadoes	Continue yearly tornado drills at all schools.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input checked="" type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
9	Tornadoes	Provide weather radios to homes that are in sparsely populated areas.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input checked="" type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
10	Tornadoes	Participate in the Ohio Safe Room Rebate Program	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input checked="" type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
11	Tornadoes	Establish NOAA Weather Radio program for festivals, fairgrounds, campgrounds, parks, and recreation areas.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input checked="" type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
12	Tornadoes	Safe room for mobile home parks.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input checked="" type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	

Unknown
 No
 I don't know



CRAWFORD COUNTY HAZARD MITIGATION PLAN
PREVIOUS MITIGATION ACTIONS STATUS & SCORING MATRIX

#	Hazard Type	Mitigation Action	Start Date	End Date	Status	Remarks	Comments
13	Flooding	Identify surface water/county tile drainage obstructions for unincorporated areas.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input checked="" type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
14	Flooding	Encourage development of strategies to preserve scenic waterways and open space in and around floodplains.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input checked="" type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
15	Flooding	Pursue mitigation activities and funding for designated flood prone areas.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input checked="" type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
16	Flooding	Investigate and record repetitive flooding areas in cities and villages.	Oct. 6, 2006	Oct. 7, 2016	<input type="checkbox"/> Completed <input checked="" type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
17	Winter Storms	Increase public awareness of severe winter storms.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input checked="" type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
18	Drought	Provide education opportunities to farmers to reduce adverse effects of drought.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input checked="" type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
19	Drought	Cities and villages to adopt water conservation measures and standards.	Oct. 6, 2006	Oct. 7, 2011	<input type="checkbox"/> Completed <input checked="" type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	



CRAWFORD COUNTY HAZARD MITIGATION PLAN
PREVIOUS MITIGATION ACTIONS STATUS & SCORING MATRIX

#	Hazard Type	Mitigation Action	Start Date	End Date	Status	Remarks	Comments
20	Earthquake	Provide public awareness and safety procedures during and following an earthquake event.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input checked="" type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	

Step 2: Ratings

#	Hazard & Associated Mitigation Action	Include in Updated Plan? (Y/N)	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Risk Reduction	Comments
1	Increase communication, coordination and collaboration among community leaders, property owners, local building regulations and zoning authorities to address risk and provide uniformity and consistency in implementing sound mitigation practices.							
2	Develop a large gathering shelter plan for festivals and other events.							
3	Implement recommendations of feasibility study for upgrading countywide safety service communications.							
4	Identify and pursue funding options and opportunities to develop and implement local and county natural hazard mitigation activities.							
5	Continuance of a First Responders supply depot.							

Handwritten notes and markings:

- A large 'X' is drawn over the 'Cost-Effective' column for rows 1, 2, 3, and 4.
- A large '0' is written in the 'Total Risk Reduction' column for row 1.
- The word 'N/A' is written in the 'Comments' column for row 2.
- A large scribble is present in the 'Comments' column for row 3.



CRAWFORD COUNTY HAZARD MITIGATION PLAN
 PREVIOUS MITIGATION ACTIONS STATUS & SCORING MATRIX

#	Hazard & Associated Mitigation Action	Include in Updated Plan? (Y/N)	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Risk Reduction	Comments
6	Encourage underground utility placement and tree maintenance programs in public right of ways.					<input checked="" type="checkbox"/>		
7	Convert old fire sirens into tornado sirens					<input checked="" type="checkbox"/>		
8	Continue yearly tornado drills at all schools.			<input checked="" type="checkbox"/>				
9	Provide weather radios to homes that are in sparsely populated areas.		<input checked="" type="checkbox"/>					
10	Participate in the Ohio Safe Room Rebate Program		<input checked="" type="checkbox"/>					
11	Establish NOAA Weather Radio program for festivals, fairgrounds, campgrounds, parks, and recreation areas.			<input checked="" type="checkbox"/>				
12	Safe room for mobile home parks.			<input checked="" type="checkbox"/>				
13	Identify surface water/county tile drainage obstructions for unincorporated areas.					<input checked="" type="checkbox"/>		Needs lot of work here
14	Encourage development of strategies to preserve scenic waterways and open space in and around floodplains.				<input checked="" type="checkbox"/>			
15	Pursue mitigation activities and funding for designated flood prone areas.				<input checked="" type="checkbox"/>			
16	Investigate and record repetitive flooding areas in cities and villages.				<input checked="" type="checkbox"/>			



CRAWFORD COUNTY HAZARD MITIGATION PLAN
PREVIOUS MITIGATION ACTIONS STATUS & SCORING MATRIX

#	Hazard & Associated Mitigator Action	Include In Updated Plan? (Y/N)	Cost Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Risk Reduction	Comments
17	Increase public awareness of severe winter storms.					X		
18	Provide education opportunities to farmers to reduce adverse effects of drought.					X		
19	Cities and villages to adopt water conservation measures and standards.					X		
20	Provide public awareness and safety procedures during and following an earthquake event.	X						



CRAWFORD COUNTY HAZARD MITIGATION PLAN
PREVIOUS MITIGATION ACTIONS STATUS & SCORING MATRIX

CRAWFORD COUNTY

NAME: Gary Frankhouse

POSITION: Crawford Partnership

Step 1: Status Update

#	Hazard Type	Mitigation Action	Start Date	End Date	Status	Remarks	Comments
1	Multiple Hazards	Increase communication, coordination and collaboration among community leaders, property owners, local building regulations and zoning authorities to address risk and provide uniformity and consistency in implementing sound mitigation practices.	Oct. 6, 2008	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input checked="" type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: <u>Cost of Hiring Plus Examiners</u> % Complete: _____	
2	Multiple Hazards	Develop a large gathering shelter plan for festivals and other events.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input checked="" type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
3	Multiple Hazards	Implement recommendations of feasibility study for upgrading countywide safety service communications.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: <u>911 Coordination</u>	
4	Multiple Hazards	Identify and pursue funding options and opportunities to develop and implement local and county natural hazard mitigation activities.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
5	Multiple Hazards	Continuance of a First Responders supply depot.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input checked="" type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	



CRAWFORD COUNTY HAZARD MITIGATION PLAN
PREVIOUS MITIGATION ACTIONS STATUS & SCORING MATRIX

#	Hazard Type	Mitigation Action	Start Date	End Date	Status	Remarks	Comments
6	Multiple Hazards	Encourage underground utility placement and tree maintenance programs in public right of ways.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input checked="" type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
7	Tornadoes	Convert old fire sirens into tornado sirens	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
8	Tornadoes	Continue yearly tornado drills at all schools.	Oct. 5, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
9	Tornadoes	Provide weather radios to homes that are in sparsely populated areas.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
10	Tornadoes	Participate in the Ohio Safe Room Rebate Program	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
11	Tornadoes	Establish NOAA Weather Radio program for festivals, fairgrounds, campgrounds, parks, and recreation areas.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input checked="" type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
12	Tornadoes	Safe room for mobile home parks.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input checked="" type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	



CRAWFORD COUNTY HAZARD MITIGATION PLAN
PREVIOUS MITIGATION ACTIONS STATUS & SCORING MATRIX

#	Hazard Type	Mitigation Action	Start Date	End Date	Status	Remarks	Comments
13	Flooding	Identify surface water/county tile drainage obstructions for unincorporated areas.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
14	Flooding	Encourage development of strategies to preserve scenic waterways and open space in and around floodplains.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input checked="" type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
15	Flooding	Pursue mitigation activities and funding for designated flood prone areas.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
16	Flooding	Investigate and record repetitive flooding areas in cities and villages.	Oct. 6, 2006	Oct. 7, 2016	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
17	Winter Storms	Increase public awareness of severe winter storms.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
18	Drought	Provide education opportunities to farmers to reduce adverse effects of drought.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
19	Drought	Cities and villages to adopt water conservation measures and standards.	Oct. 6, 2006	Oct. 7, 2011	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	



CRAWFORD COUNTY HAZARD MITIGATION PLAN
PREVIOUS MITIGATION ACTIONS STATUS & SCORING MATRIX

#	Hazard Type	Mitigation Action	Start Date	End Date	Status	Remarks	Comments
20	Earthquake	Provide public awareness and safety procedures during and following an earthquake event.	Oct. 6, 2006	Oct 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	

Step 2: Ratings

#	Hazard & Associated Mitigation Action	Include in Updated Plan? (Y/N)	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Risk Reduction	Comments
1	Increase communication, coordination and collaboration among community leaders, property owners, local building regulations and zoning authorities to address risk and provide uniformity and consistency in implementing sound mitigation practices.	Y	2	2	4	4	3	
2	Develop a large gathering shelter plan for festivals and other events.	Y	4	4	4	4	5	
3	Implement recommendations of feasibility study for upgrading countywide safety service communications.	Y	2	3	4	3	5	
4	Identify and pursue funding options and opportunities to develop and implement local and county natural hazard mitigation activities.	Y	5	4	3	4	5	
5	Continuance of a First Responders supply depot.	Y	1	3	4	4	4	



CRAWFORD COUNTY HAZARD MITIGATION PLAN
 PREVIOUS MITIGATION ACTIONS STATUS & SCORING MATRIX

#	Hazard & Associated Mitigation Action	Include in Updated Plan? (Y/N)	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Risk Reduction	Comments
6	Encourage underground utility placement and tree maintenance programs in public right of ways.	Y	1	1	4	3	3	
7	Convert old fire sirens into tornado sirens	Y	2	3	5	5	5	
8	Continue yearly tornado drills at all schools.	Y	5	5	5	5	5	
9	Provide weather radios to homes that are in sparsely populated areas.	Y	2	3	4	4	5	
10	Participate in the Ohio Safe Room Rebate Program	Y	3	3	3	1	2	
11	Establish NOAA Weather Radio program for festivals, fairgrounds, campgrounds, parks, and recreation areas.	Y	3	3	5	5	5	
12	Safe room for mobile home parks.	Y	3	2	5	5	5	
13	Identify surface water/county tile drainage obstructions for unincorporated areas.	Y	3	4	4	4	4	
14	Encourage development of strategies to preserve scenic waterways and open space in and around floodplains.	Y	3	4	4	4	4	
15	Pursue mitigation activities and funding for designated flood prone areas.	Y	2	2	4	4	4	
16	Investigate and record repetitive flooding areas in cities and villages.	Y	4	4	4	4	4	



CRAWFORD COUNTY HAZARD MITIGATION PLAN
PREVIOUS MITIGATION ACTIONS STATUS & SCORING MATRIX

#	Hazard & Associated Mitigation Action	Include In Updated Plan? (Y/N)	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Risk Reduction	Comments
17	Increase public awareness of severe winter storms.	Y	3	4	5	5	5	
18	Provide education opportunities to farmers to reduce adverse effects of drought.	N						
19	Cities and villages to adopt water conservation measures and standards.	N						
20	Provide public awareness and safety procedures during and following an earthquake event.	N						



CRAWFORD COUNTY HAZARD MITIGATION PLAN
PREVIOUS MITIGATION ACTIONS STATUS & SCORING MATRIX

CRAWFORD COUNTY

NAME: *Jeff Thaler*

POSITION: *MEMA Deputy Director*

Step 1: Status Update

#	Hazard Type	Mitigation Action	Start Date	End Date	Status	Remarks	Comments
1	Multiple Hazards	Increase communication, coordination and collaboration among community leaders, property owners, local building regulations and zoning authorities to address risk and provide uniformity and consistency in implementing sound mitigation practices.	Oct. 6, 2008	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
2	Multiple Hazards	Develop a large gathering shelter plan for festivals and other events.	Oct. 6, 2008	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
3	Multiple Hazards	Implement recommendations of feasibility study for upgrading countywide safety service communications.	Oct. 6, 2008	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
4	Multiple Hazards	Identify and pursue funding options and opportunities to develop and implement local and county natural hazard mitigation activities.	Oct. 6, 2008	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
5	Multiple Hazards	Continuance of a First Responders supply depot.	Oct. 6, 2008	Oct. 7, 2019	<input type="checkbox"/> Completed <input checked="" type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	



CRAWFORD COUNTY HAZARD MITIGATION PLAN
PREVIOUS MITIGATION ACTIONS STATUS & SCORING MATRIX

#	Hazard Type	Mitigation Action	Start Date	End Date	Status	Remarks	Comments
6	Multiple Hazards	Encourage underground utility placement and tree maintenance programs in public right of ways.	Oct. 5, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input checked="" type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
7	Tornadoes	Convert old fire sirens into tornado sirens.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input checked="" type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
8	Tornadoes	Continue yearly tornado drills at all schools.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input checked="" type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
9	Tornadoes	Provide weather radios to homes that are in sparsely populated areas.	Oct. 5, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input checked="" type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
10	Tornadoes	Participate in the Ohio Safe Room Rebate Program	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input checked="" type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
11	Tornadoes	Establish NOAA Weather Radio program for festivals, fairgrounds, campgrounds, parks, and recreation areas.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input checked="" type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
12	Tornadoes	Safe room for mobile home parks.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input checked="" type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	



CRAWFORD COUNTY HAZARD MITIGATION PLAN
PREVIOUS MITIGATION ACTIONS STATUS & SCORING MATRIX

#	Hazard Type	Mitigation Action	Start Date	End Date	Status	Remarks	Comments
13	Flooding	Identify surface water/county tile drainage obstructions for unincorporated areas.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input checked="" type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
14	Flooding	Encourage development of strategies to preserve scenic waterways and open space in and around floodplains.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
15	Flooding	Pursue mitigation activities and funding for designated flood prone areas.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
16	Flooding	Investigate and record repetitive flooding areas in cities and villages.	Oct. 6, 2006	Oct. 7, 2018	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
17	Winter Storms	Increase public awareness of severe winter storms.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
18	Drought	Provide education opportunities to farmers to reduce adverse effects of drought.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input checked="" type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
19	Drought	Cities and villages to adopt water conservation measures and standards.	Oct. 6, 2006	Oct. 7, 2011	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input checked="" type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	



CRAWFORD COUNTY HAZARD MITIGATION PLAN
PREVIOUS MITIGATION ACTIONS STATUS & SCORING MATRIX

#	Hazard Type	Mitigation Action	Start Date	End Date	Status	Remarks	Comments
20	Earthquake	Provide public awareness and safety procedures during and following an earthquake event.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	

Step 2: Ratings

#	Hazard & Associated Mitigation Action	Include in Updated Plan? (Y/N)	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Risk Reduction	Comments
1	Increase communication, coordination and collaboration among community leaders, property owners, local building regulations and zoning authorities to address risk and provide uniformity and consistency in implementing sound mitigation practices.	yes	5	5	3	2		← Already in process
2	Develop a large gathering shelter plan for festivals and other events.	yes	5	5	5	5	5	
3	Implement recommendations of feasibility study for upgrading countywide safety service communications.	No	1	1	1	1	1	
4	Identify and pursue funding options and opportunities to develop and implement local and county natural hazard mitigation activities.	yes	3	3	3	3	3	
5	Continuance of a First Responders supply depot.	No	1	1	1	1	1	



CRAWFORD COUNTY HAZARD MITIGATION PLAN
PREVIOUS MITIGATION ACTIONS STATUS & SCORING MATRIX

#	Hazard & Associated Mitigation Action	Include in Updated Plan? (Y/N)	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Risk Reduction	Comments
6	Encourage underground utility placement and tree maintenance programs in public right of ways.	Y	1	0				
7	Convert old fire sirens into tornado sirens	N	1	1	1	1	1	
8	Continue yearly tornado drills at all schools.	Y	5	5	5	5	5	
9	Provide weather radios to homes that are in sparsely populated areas.	N	1	1	1	1	1	
10	Participate in the Ohio Safe Room Rebate Program	N	1	1	1	1	1	
11	Establish NOAA Weather Radio program for festivals, fairgrounds, campgrounds, parks, and recreation areas.	Y	5	5	5	5	5	
12	Safe room for mobile home parks.	N	1	1	1	1	1	
13	Identify surface water/county tile drainage obstructions for unincorporated areas.	Y	3	2	3	3	3	
14	Encourage development of strategies to preserve scenic waterways and open space in and around floodplains.	Y	3	2	3	2	3	
15	Pursue mitigation activities and funding for designated flood prone areas.	Y	3	3	5	3	3	
16	Investigate and record repetitive flooding areas in cities and villages.	Y	5	5	5	5	5	



CRAWFORD COUNTY HAZARD MITIGATION PLAN
PREVIOUS MITIGATION ACTIONS STATUS & SCORING MATRIX

#	Hazard & Associated Mitigation Action	Include in Updated Plan? (Y/N)	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Risk Reduction	Comments
17	Increase public awareness of severe winter storms.	Y	5	5	5	3	3	
18	Provide education opportunities to farmers to reduce adverse effects of drought.	Y	3	3	4	3	3	
19	Cities and villages to adopt water conservation measures and standards.	Y	3	3	5	3	2	
20	Provide public awareness and safety procedures during and following an earthquake event.	Y	3	3	5	2	2	



CRAWFORD COUNTY HAZARD MITIGATION PLAN
PREVIOUS MITIGATION ACTIONS STATUS & SCORING MATRIX

CRAWFORD COUNTY

NAME: Kirk Williams POSITION: EMA

Step 1: Status Update

#	Hazard Type	Mitigation Action	Start Date	End Date	Status	Remarks	Comments
1	Multiple Hazards	Increase communication, coordination and collaboration among community leaders, property owners, local building regulations and zoning authorities to address risk and provide uniformity and consistency in implementing sound mitigation practices.	Oct. 6, 2006	Oct. 7, 2019	<input checked="" type="checkbox"/> Ongoing <input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input checked="" type="checkbox"/> Deferred <input type="checkbox"/> Unchanged	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
2	Multiple Hazards	Develop a large gathering sneller plan for festivals and other events.	Oct. 6, 2006	Oct. 7, 2019	<input checked="" type="checkbox"/> Ongoing <input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
3	Multiple Hazards	Implement recommendations of feasibility study for upgrading countywide safety service communications.	Oct. 6, 2006	Oct. 7, 2019	<input checked="" type="checkbox"/> Ongoing <input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged	When: _____ Why: _____ Why: _____ Why: _____ % Complete: <u>75%</u>	
4	Multiple Hazards	Identify and pursue funding options and opportunities to develop and implement local and county natural hazard mitigation activities.	Oct. 6, 2006	Oct. 7, 2019	<input checked="" type="checkbox"/> Ongoing <input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
5	Multiple Hazards	Continuance of a First Responders supply depot.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Ongoing <input type="checkbox"/> Unchanged <input type="checkbox"/> Deferred <input checked="" type="checkbox"/> Completed	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	



CRAWFORD COUNTY HAZARD MITIGATION PLAN
PREVIOUS MITIGATION ACTIONS STATUS & SCORING MATRIX

#	Hazard Type	Mitigation Action	Start Date	End Date	Status	Remarks	Comments
6	Multiple Hazards	Encourage underground utility placement and tree maintenance programs in public right of ways.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
7	Tornadoes	Convert old fire sirens into tornado sirens	Oct. 5, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input checked="" type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
8	Tornadoes	Continue yearly tornado drills at all schools.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
9	Tornadoes	Provide weather radios to homes that are in sparsely populated areas.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input checked="" type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input checked="" type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
10	Tornadoes	Participate in the Ohio Safe Room Rebate Program	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input checked="" type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
11	Tornadoes	Establish NOAA Weather Radio program for festivals, fairgrounds, campgrounds, parks, and recreation areas.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
12	Tornadoes	Safe room for mobile home parks.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input checked="" type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	



CRAWFORD COUNTY HAZARD MITIGATION PLAN
PREVIOUS MITIGATION ACTIONS STATUS & SCORING MATRIX

#	Hazard Type	Mitigation Action	Start Date	End Date	Status	Remarks	Comments
13	Flooding	Identify surface water/county tile drainage obstructions for unincorporated areas.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input checked="" type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
14	Flooding	Encourage development of strategies to preserve scenic waterways and open space in and around floodplains.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
15	Flooding	Pursue mitigation activities and funding for designated flood prone areas.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
16	Flooding	Investigate and record repetitive flooding areas in cities and villages.	Oct. 6, 2006	Oct. 7, 2016	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
17	Winter Storms	Increase public awareness of severe winter storms.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
18	Drought	Provide education opportunities to farmers to reduce adverse effects of drought.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input checked="" type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
19	Drought	Cities and villages to adopt water conservation measures and standards.	Oct. 6, 2006	Oct. 7, 2011	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input checked="" type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	



PREVIOUS MITIGATION ACTIONS STATUS & SCORING MATRIX

#	Hazard Type	Mitigation Action	Start Date	End Date	Status	Remarks	Comments
20	Earthquake	Provide public awareness and safety procedures during and following an earthquake event.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	

Step 2: Ratings

#	Hazard & Associated Mitigation Action	Include in Updated Plan? (Y/N)	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Risk Reduction	Comments
1	Increase communication, coordination and collaboration among community leaders, property owners, local building regulators and zoning authorities to address risk and provide uniformity and consistency in implementing sound mitigation practices.	Y	1	5	5	4	5	
2	Develop a large gathering shelter plan for festivals and other events.	Y	5	5	5	5	5	
3	Implement recommendations of feasibility study for upgrading countywide safety service communications.	N	-	-	-	-	-	
4	Identify and pursue funding options and opportunities to develop and implement local and county natural hazard mitigation activities.	Y	5	5	5			
5	Continuance of a First Responders supply depot.	N	-	-	-	-	-	



CRAWFORD COUNTY HAZARD MITIGATION PLAN
PREVIOUS MITIGATION ACTIONS STATUS & SCORING MATRIX

#	Hazard & Associated Mitigation Action	Include in Updated Plan? (Y/N)	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Risk Reduction	Comments
6	Encourage underground utility placement and tree maintenance programs in public right of ways.	Y	5	5	2	3	2	
7	Convert old fire sirens into tornado sirens	N	-	-	-	-	-	
8	Continue yearly tornado drills at all schools.	Y	5	5	5	5	5	
9	Provide weather radios to homes that are in sparsely populated areas.	N	-	-	-	-	-	
10	Participate in the Ohio Safe Room Rebate Program	Y	5	5	3	3	5 1	
11	Establish NOAA Weather Radio program for festivals, fairgrounds, campgrounds, parks, and recreation areas.	Y	5	5	5	3	5	
12	Safe room for mobile home parks.	Y	5 1	3 3	2 2	3 5	5	
13	Identify surface water/county tile drainage obstructions for unincorporated areas.	Y	3	1	3	1	5	
14	Encourage development of strategies to preserve scenic waterways and open space in and around floodplains.	Y	5	3	4	2	5	
15	Pursue mitigation activities and funding for designated flood prone areas.	Y	5	4	4	3	1	
16	Investigate and record repetitive flooding areas in cities and villages.	Y	5	4	4	1	2	



CRAWFORD COUNTY HAZARD MITIGATION PLAN
PREVIOUS MITIGATION ACTIONS STATUS & SCORING MATRIX

#	Hazard & Associated Mitigation Action	Include in Updated Plan? (Y/N)	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Risk Reduction	Comments
17	Increase public awareness of severe winter storms.	Y	5	5	5	3	3	
18	Provide education opportunities to farmers to reduce adverse effects of drought.	Y	3	3	4	3	2	
19	Cities and villages to adopt water conservation measures and standards.	Y	3	3	3	3	2	
20	Provide public awareness and safety procedures during and following an earthquake event.	Y	3	3	5	3	1	



CRAWFORD COUNTY HAZARD MITIGATION PLAN
PREVIOUS MITIGATION ACTIONS STATUS & SCORING MATRIX

CRAWFORD COUNTY

NAME: Bruce Kummer POSITION: Crawford County Public Health

Step 1: Status Update

#	Hazard Type	Mitigation Action	Start Date	End Date	Status	Remarks	Comments
1	Multiple Hazards	Increase communication, coordination and collaboration among community leaders, property owners, local building regulations and zoning authorities to address risk and provide uniformly and consistency in implementing sound mitigation practices.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input checked="" type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
2	Multiple Hazards	Develop a large gathering shelter plan for festivals and other events.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input checked="" type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
3	Multiple Hazards	Implement recommendations of feasibility study for upgrading countywide safety service communications.	Oct. 6, 2006	Oct. 7, 2019	<input checked="" type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
4	Multiple Hazards	Identify and pursue funding options and opportunities to develop and implement local and county natural hazard mitigation activities.	Oct. 6, 2006	Oct. 7, 2019	<input checked="" type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
5	Multiple Hazards	Continuance of a First Responders supply depot.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	



CRAWFORD COUNTY HAZARD MITIGATION PLAN
PREVIOUS MITIGATION ACTIONS STATUS & SCORING MATRIX

#	Hazard Type	Mitigation Action	Start Date	End Date	Status	Remarks	Comments
6	Multiple Hazards	Encourage underground utility placement and tree maintenance programs in public right of ways.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input checked="" type="checkbox"/> Deferred <input checked="" type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
7	Tornadoes	Convert old fire sirens into tornado sirens	Oct. 6, 2006	Oct. 7, 2019	<input checked="" type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
8	Tornadoes	Continue yearly tornado drills at all schools.	Oct. 5, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input checked="" type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
9	Tornadoes	Provide weather radios to homes that are in sparsely populated areas.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input checked="" type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
10	Tornadoes	Participate in the Ohio Safe Room Rebate Program	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input checked="" type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
11	Tornadoes	Establish NOAA Weather Radio program for festivals, fairgrounds, campgrounds, parks, and recreation areas.	Oct. 6, 2006	Oct. 7, 2019	<input checked="" type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
12	Tornadoes	Safe room for mobile home parks.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input checked="" type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	



CRAWFORD COUNTY HAZARD MITIGATION PLAN
PREVIOUS MITIGATION ACTIONS STATUS & SCORING MATRIX

#	Hazard Type	Mitigation Action	Start Date	End Date	Status	Remarks	Comments
13	Flooding	Identify surface water/county tile drainage obstructions for unincorporated areas.	Oct. 5, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
14	Flooding	Encourage development of strategies to preserve scenic waterways and open space in and around floodplains.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
15	Flooding	Pursue mitigation activities and funding for designated flood prone areas.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
16	Flooding	Investigate and record repetitive flooding areas in cities and villages.	Oct. 6, 2006	Oct. 7, 2016	<input checked="" type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
17	Winter Storms	Increase public awareness of severe winter storms.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
18	Drought	Provide education opportunities to farmers to reduce adverse effects of drought.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
19	Drought	Cities and villages to adopt water conservation measures and standards.	Oct. 6, 2006	Oct. 7, 2011	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	



CRAWFORD COUNTY HAZARD MITIGATION PLAN
PREVIOUS MITIGATION ACTIONS STATUS & SCORING MATRIX

#	Hazard Type	Mitigation Action	Start Date	End Date	Status	Remarks	Comments
20	Earthquake	Provide public awareness and safety procedures during and following an earthquake event.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input checked="" type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	

Step 2: Ratings

#	Hazard & Associated Mitigation Action	Include in Updated Plan? (Y/N)	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Risk Reduction	Comments
1	Increase communication, coordination and collaboration among community leaders, property owners, local building regulations and zoning authorities to address risk and provide uniformity and consistency in implementing sound mitigation practices.	Y	5	3	5	5	5	
2	Develop a large gathering shelter plan for festivals and other events.	Y	3	5	3	3	3	Severe weather plan for Fair + 8 festivals
3	Implement recommendations of feasibility study for upgrading countywide safety service communications.	Y	3	3	3	3	4	Agencies able to talk w/ one another - very important!
4	Identify and pursue funding options and opportunities to develop and implement local and county natural hazard mitigation activities.	Y	5	5	5	5	5	Always use more funding!
5	Continuance of a First Responders supply depot.							Not sure what this is



#	Hazard & Associated Mitigation Action	Include in Updated Plan? (Y/N)	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Risk Reduction	Comments
6	Encourage underground utility placement and tree maintenance programs in public right of ways.	Y	4	3	3	2	4	less chance of loss of service
7	Convert old fire sirens into tornado sirens	N						
8	Continue yearly tornado drills at all schools.	Y	5	5	5	5	4	
9	Provide weather radios to homes that are in sparsely populated areas.	Y	2	2	2	4	3	
10	Participate in the Ohio Safe Room Rebate Program							Not sure what this program is
11	Establish NOAA Weather Radio program for festivals, fairgrounds, campgrounds, parks, and recreation areas.	N						cell phones negate this
12	Safe room for mobile home parks.	N						
13	Identify surface water/county tile drainage obstructions for unincorporated areas.	Y	3	2	3	1	2	
14	Encourage development of strategies to preserve scenic waterways and open space in and around floodplains.	Y	4	4	5	1	2	
15	Pursue mitigation activities and funding for designated flood prone areas.	Y	2	3	4	2	4	
16	Investigate and record repetitive flooding areas in cities and villages.	Y	5	5	4	4	3	



ORANGE COUNTY HAZARD MITIGATION PLAN
PREVIOUS MITIGATION ACTIONS STATUS & SCORING MATRIX

#	Hazard & Associated Mitigation Action	Include in Updated Plan? (Y/N)	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Risk Reduction	Comments
17	Increase public awareness of severe winter storms.	Y	3	3	3	4	3	
18	Provide education opportunities to farmers to reduce adverse effects of drought.	Y	2	3	4	2	2	
19	Cities and villages to adopt water conservation measures and standards.	Y	2	3	4	2	2	
20	Provide public awareness and safety procedures during and following an earthquake event.	N						



CRAWFORD COUNTY HAZARD MITIGATION PLAN
PREVIOUS MITIGATION ACTIONS STATUS & SCORING MATRIX

CRAWFORD COUNTY

NAME: Dexter Siebert POSITION: Health Commissioner

Step 1: Status Update

#	Hazard Type	Mitigation Action	Start Date	End Date	Status	Remarks	Comments
1	Multiple Hazards	Increase communication, coordination and collaboration among community leaders, property owners, local building regulations and zoning authorities to address risk and provide uniformity and consistency in implementing sound mitigation practices.	Oct. 6, 2008	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input checked="" type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: <u>No County-wide building codes in village following.</u> Why: _____ % Complete: _____	
2	Multiple Hazards	Develop a large gathering shelter plan for festivals and other events.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: <u>Unknown</u>	
3	Multiple Hazards	Implement recommendations of feasibility study for upgrading countywide safety service communications.	Oct. 5, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input checked="" type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
4	Multiple Hazards	Identify and pursue funding options and opportunities to develop and implement local and county natural hazard mitigation activities.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: <u>Unknown - How long?</u>	
5	Multiple Hazards	Continuance of a First Responders supply depot.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	



CRAWFORD COUNTY HAZARD MITIGATION PLAN
PREVIOUS MITIGATION ACTIONS STATUS & SCORING MATRIX

#	Hazard Type	Mitigation Action	Start Date	End Date	Status	Remarks	Comments
6	Multiple Hazards	Encourage underground utility placement and tree maintenance programs in public right of ways.	Oct. 6, 2006	Oct. 7, 2019	<input checked="" type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: <u>JULIAN</u>	
7	Tornadoes	Convert old fire sirens into tornado sirens	Oct. 6, 2006	Oct. 7, 2019	<input checked="" type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
8	Tornadoes	Continue yearly tornado drills at all schools.	Oct. 6, 2006	Oct. 7, 2019	<input checked="" type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
9	Tornadoes	Provide weather radios to homes that are in sparsely populated areas.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
10	Tornadoes	Participate in the Ohio Safe Room Rebate Program	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	Have never heard of this program
11	Tornadoes	Establish NOAA Weather Radio program for festivals, fairgrounds, camgrounds, parks, and recreation areas.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input checked="" type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: <u>Emergency has Smartphones</u> Why: _____ Why: _____ % Complete: _____	no need for weather radios if they are signed up for texts alerts.
12	Tornadoes	Safe room for mobile home parks.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input checked="" type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	



CRAWFORD COUNTY HAZARD MITIGATION PLAN
PREVIOUS MITIGATION ACTIONS STATUS & SCORING MATRIX

#	Hazard Type	Mitigation Action	Start Date	End Date	Status	Remarks	Comments
13	Flooding	Identify surface water/courty tile drainage obstructions for unincorporated areas.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
14	Flooding	Encourage development of strategies to preserve scenic waterways and open space in and around floodplains.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input checked="" type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
15	Flooding	Pursue mitigation activities and funding for designated flood prone areas.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input checked="" type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
16	Flooding	Investigate and record repetitive flooding areas in cities and villages.	Oct. 6, 2006	Oct. 7, 2016	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
17	Winter Storms	Increase public awareness of severe winter storms.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
18	Drought	Provide education opportunities to farmers to reduce adverse effects of drought.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
19	Drought	Cities and villages to adopt water conservation measures and standards.	Oct. 6, 2006	Oct. 7, 2011	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input checked="" type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	



CRAWFORD COUNTY HAZARD MITIGATION PLAN
PREVIOUS MITIGATION ACTIONS STATUS & SCORING MATRIX

#	Hazard Type	Mitigation Action	Start Date	End Date	Status	Remarks	Comments
20	Earthquake	Provide public awareness and safety procedures during and following an earthquake event.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input checked="" type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	

Step 2: Ratings

#	Hazard & Associated Mitigation Action	Include in Updated Plan? (Y/N)	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Risk Reduction	Comments
1	Increase communication, coordination and collaboration among community leaders, property owners, local building regulations and zoning authorities to address risk and provide uniformity and consistency in implementing sound mitigation practices.	N						Without county-wide building regulations, it is not affordable to pursue this action.
2	Develop a large gathering shelter plan for festivals and other events.	Y	4	4	3	3	3	
3	Implement recommendations of feasibility study for upgrading countywide safety service communications.	Y	2	4	3	3	3	
4	Identify and pursue funding options and opportunities to develop and implement local and countywide hazard mitigation activities.	Y	4	3	3	3	3	
5	Continuance of a First Responders supply depot.	Y	3	3	3	3	3	



CRAWFORD COUNTY HAZARD MITIGATION PLAN
 PREVIOUS MITIGATION ACTIONS STATUS & SCORING MATRIX

#	Hazard & Associated Mitigation Action	Include In Updated Plan? (Y/N)	Cost Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Risk Reduction	Comments
6	Encourage underground utility placement and tree maintenance programs in public right of ways.	Y	4	4	4	3	4	
7	Convert old fire sirens into tornado sirens	N						Completed 1/15/16
8	Continue yearly tornado drills at all schools.	Y	5	5	4	4	4	
9	Provide weather radios to homes that are in sparsely populated areas.	N						utilize WENS radios, no need for weather radios
10	Participate in the Ohio Safe Room Rebate Program	N						Unfamiliar to this Program
11	Establish NOAA Weather Radio program for festivals, fairgrounds, campgrounds, parks, and recreation areas.	N						utilize WENS more
12	Safe room for mobile home parks.	N						Unfamiliar with this Program
13	Identify surface water/county tile drainage obstructions for unincorporated areas.	Y	1	3	4	1	1	
14	Encourage development of strategies to preserve scenic waterways and open space in and around floodplains.	Y	1	1	3	1	1	
15	Pursue mitigation activities and funding for designated flood prone areas.	Y	3	4	4	3	3	
16	Investigate and record repetitive flooding areas in cities and villages.	Y	3	3	3	3	3	



CRAWFORD COUNTY HAZARD MITIGATION PLAN
PREVIOUS MITIGATION ACTIONS STATUS & SCORING MATRIX

#	Hazard & Associated Mitigation Action	Include in Updated Plan? (Y/N)	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Risk Reduction	Comments
17	Increase public awareness of severe winter storms.	Y	4	4	4	4	4	
18	Provide education opportunities to farmers to reduce adverse effects of drought.	N						There are other programs thru other agencies
19	Cities and villages to adopt water conservation measures and standards.	Y	3	3	3	3	3	
20	Provide public awareness and safety procedures during and following an earthquake event.	N						



CRAWFORD COUNTY HAZARD MITIGATION PLAN
PREVIOUS MITIGATION ACTIONS STATUS & SCORING MATRIX

CRAWFORD COUNTY

NAME: MIKE HALL

POSITION: CRAWFORD SOIL & WATER CONSERVATION

Step 1: Status Update

DISTRICT

#	Hazard Type	Mitigation Action	Start Date	End Date	Status	Remarks	Comments
1	Multiple Hazards	Increase communication, coordination and collaboration among community leaders, property owners, local building regulations and zoning authorities to address risk and provide uniformity and consistency in implementing sound mitigation practices.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	NOTE: 2 UNRECORDED 11-1-19
2	Multiple Hazards	Develop a large gathering shelter plan for festivals and other events.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
3	Multiple Hazards	Implement recommendations of feasibility study for upgrading countywide safety service communications.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	
4	Multiple Hazards	Identify and pursue funding options and opportunities to develop and implement local and county natural hazard mitigation activities.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	NEED TO FIND FUNDING
5	Multiple Hazards	Continuance of a First Responders supply depot.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	MIKE HALL UNR-50 11-1-19



CRAWFORD COUNTY HAZARD MITIGATION PLAN
PREVIOUS MITIGATION ACTIONS STATUS & SCORING MATRIX

#	Hazard Type	Mitigation Action	Start Date	End Date	Status	Remarks	Comments
6	Multiple Hazards	Encourage underground utility placement and tree maintenance programs in public right of ways.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	<i>still doing utility work in public right of ways</i>
7	Tornadoes	Convert old fire sirens into tornado sirens	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	<i>5 of 7 done 2</i>
8	Tornadoes	Continue yearly tornado drills at all schools.	Oct. 6, 2006	Oct. 7, 2019	<input checked="" type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	<i>approximately 20 schools had drills</i>
9	Tornadoes	Provide weather radios to homes that are in sparsely populated areas.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input checked="" type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	<i>DO THIS - DO NOT DO THIS - DO NOT DO THIS - DO NOT</i>
10	Tornadoes	Participate in the Ohio Safe Room Rebate Program	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	<i>2</i>
11	Tornadoes	Establish NOAA Weather Radio program for festivals, fairgrounds, campgrounds, parks, and recreation areas.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	<i>2</i>
12	Tornadoes	Safe room for mobile home parks.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	<i>2 DO THIS</i>



CRAWFORD COUNTY HAZARD MITIGATION PLAN
PREVIOUS MITIGATION ACTIONS STATUS & SCORING MATRIX

#	Hazard Type	Mitigation Action	Start Date	End Date	Status	Remarks	Comments
20	Earthquake	Provide public awareness and safety procedures during and following an earthquake event.	Oct. 6, 2006	Oct. 7, 2019	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Deferred <input type="checkbox"/> Unchanged <input type="checkbox"/> Ongoing	When: _____ Why: _____ Why: _____ Why: _____ % Complete: _____	2

Step 2: Ratings

#	Hazard & Associated Mitigation Action	Include in Updated Plan? (Y/N)	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Risk Reduction	Comments
1	Increase communication, coordination and collaboration among community leaders, property owners, local building regulations and zoning authorities to address risk and provide uniformity and consistency in implementing sound mitigation practices.	5						
2	Develop a large gathering shelter plan for festivals and other events.							
3	Implement recommendations of feasibility study for upgrading countywide safety service communications.							
4	Identify and pursue funding options and opportunities to develop and implement local and county natural hazard mitigation activities.							
5	Continuance of a First Responders supply depot.							

1-5
5 out of 5
1-5



CRAWFORD COUNTY HAZARD MITIGATION PLAN
 PREVIOUS MITIGATION ACTIONS STATUS & SCORING MATRIX

#	Hazard & Associated Mitigation Action	Include in Updated Plan? (Y/N)	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Risk Reduction	Comments
6	Encourage underground utility placement and tree maintenance programs in public right of ways.	4	3	3	3	3	3	
7	Convert old fire sirens into tornado sirens	4	5	3	1	3	2	
8	Continue yearly tornado drills at all schools.	5	5	5	2	5	5	
9	Provide weather radios to homes that are in sparsely populated areas.	3	2	3	1	2	3	
10	Participate in the Ohio Safe Room Rebate Program	1	1	1	1	1	1	
11	Establish NOAA Weather Radio program for festivals, fairgrounds, campgrounds, parks, and recreation areas.	2 ²	1	1	1	1	1	
12	Safe room for mobile home parks.	1	1	1	1	1	4	
13	Identify surface water/county tile drainage obstructions for unincorporated areas.	5	5	5	5	5	5	
14	Encourage development of strategies to preserve scenic waterways and open space in and around floodplains.	4	5	5	5	1	2	
15	Pursue mitigation activities and funding for designated flood prone areas.	5	5	5	5	5	4	
16	Investigate and record repetitive flooding areas in cities and villages.	4	5	5	5	5	5	



CRAWFORD COUNTY HAZARD MITIGATION PLAN
PREVIOUS MITIGATION ACTIONS STATUS & SCORING MATRIX

#	Hazard & Associated Mitigation Action	Include in Updated Plan? (Y/N)	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Risk Reduction	Comments
17	Increase public awareness of severe winter storms.	3	5	5	2	2	2	
18	Provide education opportunities to farmers to reduce adverse effects of drought.	3	5	5	4	1	2	1
19	Cities and villages to adopt water conservation measures and standards.	3	4	5	5	1	2	
20	Provide public awareness and safety procedures during and following an earthquake event.	1	1	1	1	1	1	



CRAWFORD COUNTY HAZARD MITIGATION PLAN
 NEW MITIGATION ACTIONS SCORING MATRIX – CRAWFORD COUNTY

NAME: John Keller

JURISDICTION: Crawford County

Hazard & Associated Mitigation Action		New or previous mitigation action	Applicable to your jurisdiction?	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Risk Reduction	Comments
All Hazards									
1.	Increase communication, coordination and collaboration among community leaders, property owners, local building regulators, and zoning authorities to address risk and provide uniformity and consistency in implementing sound mitigation practices.	Old	✓	4	5	5	3	3	
2.	Develop a large gathering shelter plan for festivals and other events.	Old	✓	2	4	5	5	5	
3.	Implement recommendations of feasibility study for upgrading countywide safety service communications.	Old	✓	2	3	5	5	5	
4.	Identify and pursue funding options and opportunities to develop and implement local and county natural hazard mitigation activities.	Old	✓	4	4	5	3	4	
5.	Encourage underground utility placement and tree maintenance programs in public right-of-ways.	Old	✓	1	4	5	4	5	
6.	Develop/update back-up power generation capabilities at critical government facilities (e.g. temporary storm safe locations, community EOCs).	New	✓	5	5	4	4	5	
7.	Develop/update Continuity of Operations Plans.	New	✓	5	5	5	5	5	
8.	Provide public education and outreach on disaster preparedness including websites, newsletters, social media, Preparedness Month events, etc.	New	✓	5	5	5	5	5	
9.	Develop or update Emergency Operation Plans.	New	✓	5	5	5	5	5	
10.	Maintain an all-hazard outdoor warning siren system, including repairing, replacing, and upgrading.	New	✓	5	4	5	5	5	
11.	Conduct fire code, building code zoning, and floodplain management enforcement activities.	New							
12.	Prepare public buildings to act as shelters in case of any hazard.	New	✓	2	3	5	5	5	
13.	Develop a partnership to have places of worship serve as additional shelters.	New							
Severe Storms									
1.	Inform residents of the various ways to receive weather alerts.	New	✓	5	5	5	5	5	
2.	Create a Standard Operating Guideline for the timely clearing of roads from debris caused by severe storms.	New	✓	5	5	5	4	3	
3.	Install a lightning warning system.	New							
4.	Install lightning rods on public buildings.	New							



CRAWFORD COUNTY HAZARD MITIGATION PLAN
NEW MITIGATION ACTIONS SCORING MATRIX - CRAWFORD COUNTY

Hazard & Associated Mitigation Action		New or previous mitigation action	Applicable to your jurisdiction?	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Risk Reduction	Comments
Flooding									
1.	Identify surface water/county fire drainage obstructions for unincorporated areas.	Old							
2.	Encourage development of strategies to preserve scenic waterways and open space in and around floodplains.	Old							
3.	Pursue mitigation activities and funding for designated flood prone areas.	Old	✓	3	3	3	4	4	
4.	Investigate and record repetitive loss areas in cities and villages.	Old	✓	3	3	4	4	4	
5.	Improve the stormwater management system.	New							
6.	Identify and study poor draining areas to control flooding.	New	✓	3	3	4	4	4	
7.	Repair or replace ditches, culverts, and bridges to control flooding.	New							
8.	Identify and study riverbank stabilization opportunities.	New							
9.	Provide mitigation action guidance to property owners of Repetitive Loss and Severe Repetitive Loss Structures, such as acquisition, relocation, elevation, non-residential dry flood proofing, and non-residential wet flood proofing.	New							
10.	Encourage residents in flood prone areas to purchase flood insurance.	New	✓	5	5	5	5	5	
11.	Modify building codes to encourage water proofing structures.	New							
12.	Adopt policies to reduce stormwater runoff.	New							
13.	Participate in the Community Rating System (awards communities who exceed NFIP requirements).	New							
Tornadoes									
1.	Convert old fire stations into tornado sirens.	Old	✓	5	5	5	5	5	already done
2.	Continue yearly tornado drills at all schools.	Old	✓	5	5	5	5	5	
3.	Provide weather radios to homes that are in sparsely populated areas.	Old							
4.	Participate in and promote the Ohio Safe Room Rebate Program for safe room installation by homeowners.	Old	✓	4	5	5	5	5	
5.	Establish NOAA Weather Radio program for festivals, fairs/gourds, campgrounds, parks, and recreation.	Old	✓	5	5	5	5	5	
6.	Promote commercial safe rooms for high occupancy uses, such as bars and restaurants.	New							
7.	Identify tornado safe locations for residents to seek shelter during tornadoes/high wind events.	New							
8.	Promote wind and tornado resistant construction practices.	New							



CRAWFORD COUNTY HAZARD MITIGATION PLAN
NEW MITIGATION ACTIONS SCORING MATRIX - CRAWFORD COUNTY

Hazard & Associated Mitigation Action		New or previous mitigation action	Applicable to your jurisdiction?	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Risk Reduction	Comments
Tornadoes (continued)									
9.	Encourage mobile home parks and other vulnerable communities to have a tornado preparedness plan.	New	✓	5	5	5	5	5	
Severe Winter Storms									
1.	Increase public awareness of severe winter storms.	Old	✓	5	5	5	5	5	
2.	Begin a public emergency plan telephone hotline for at-risk residents.	New							
3.	Promote community snowplow programs to reduce the risk of heart attacks from excessive labor.	New							
Utility Failure									
1.	Tree trimming in right of ways along utility lines.	New	✓	3	4	5	5	5	
2.	Begin a revolving loan program to help residents purchase backup generators.	New							
3.	Consider burying utility lines outside of 100-Year flood plains in all new subdivisions.	New	✓	2	4	5	4	5	
4.	Promote partnerships between utility companies to reduce the cost of higher-grade wires and burying lines.	New							
Hazardous Materials									
1.	Develop a Wellhead Protection Plan.	New							
2.	Organize an annual drill to prepare for a disaster involving hazardous materials for emergency service personnel.	New	✓	3	4	5	5	4	done annually
3.	Report what hazardous materials are being handled on-site and amounts according to regulation.	New							
4.	Complete a commodity flow study to identify types and volume of hazardous materials transported via river, pipeline, truck, rail, and plane.	New							
Terrorism									
1.	Encourage critical infrastructure to implement protective measures at their facilities.	New	✓	3	3	5	4	5	
2.	Coordinate with emergency services to ensure the safety of large public gathering events.	New	✓	5	5	5	5	5	Bratwurst Festival
3.	Provide guidance to schools, churches, government agencies, health care facilities, and other critical facilities on improving protection, preparedness, response, and recovery activities to an active aggressor threat.	New	✓	5	5	5	5	5	
4.	Provide free active shooter training, or promote free and low cost third-party active shooter training.	New	✓	5	5	5	5	5	
5.	Seal water wells.	New							



CRAWFORD COUNTY HAZARD MITIGATION PLAN
NEW MITIGATION ACTIONS SCORING MATRIX - CRAWFORD COUNTY

Hazard & Associated Mitigation Action		New or previous mitigation action	Applicable to your jurisdiction?	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Risk Reduction	Comments
Terrorism (continued)									
6.	Install temporary bollards or fences during high-occupancy outdoor events.	New	✓	5	5	5	5	5	
Epidemic									
1.	Create public education programs to prevent the spread of contagious diseases.	New	✓	5	5	5	5	5	
2.	Create a detailed public health plan to prepare for an epidemic.	New	✓	5	5	5	5	5	
3.	Create a public education program for vaccinations.	New	✓	5	5	5	5	5	
Drought and Extreme Heat									
1.	Provide education opportunities to farmers to reduce adverse effects of drought.	Old							
2.	Cities and villages to adopt water conservation measures and standards.	Old							
3.	Provide guidance and resources for vulnerable populations during extreme temperature events, such as transportation to cooling shelters.	New	✓	4	4	5	5	5	
4.	Provide guidance and resources on utility assistance programs.	New							
5.	Encourage farmers to deepen wells where possible.	New							
6.	Encourage farmers to connect watering systems to deep wells.	New							
7.	Develop a plan to limit water usage during extreme and prolonged droughts.	New							
8.	Install water saving equipment in public buildings.	New							
9.	Retrofit water supply and storage systems.	New							
10.	Utilize xeriscaping (installation of drought-resistant plants arranged to save water) on public property to reduce water consumption.	New							
Invasive Species									
1.	Implement an invasive species education program that covers associated hazards, identification, behavior, and quarantine procedures.	New	✓	3	3	3	3	3	
2.	Share information with the public that explains the importance of not importing or exporting firewood.	New							
Dam Failure									
1.	Coordinate with ODNR to implement Dam Safety Program.	New	✓	3	3	3	3	4	
2.	Work with dam owners to develop/update their dam safety plan.	New	✓	3	3	3	3	4	
3.	Work with dam owners to ensure they are prepared to respond should their dam fail.	New	✓	3	3	3	3	4	
4.	Model dam failure to identify at-risk areas.	New							



CRAWFORD COUNTY HAZARD MITIGATION PLAN
NEW MITIGATION ACTIONS SCORING MATRIX - CRAWFORD COUNTY

Hazard & Associated Mitigation Action	New or previous mitigation action	Applicable to your jurisdiction?	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Risk Reduction	Comments
Dam Failure (continued)								
5. Work with local communities to create a dam failure response plan.	New	✓	2	3	4	3	4	
Wildfire								
1. Promote public education on smoking hazards and recreational fire risks.	New							
2. Provide public education on extreme fire danger and red flag warnings, including what it means and what actions to take when it is issued.	New							
3. Develop a wildfire response plan with all fire departments.	New							
Earthquakes								
1. Provide public awareness and safety procedures during and following an earthquake event.	Old							
2. Use community outreach activities to foster an awareness of earthquake mitigation activities in homes, schools, and businesses.	New							

Additional Mitigation Actions



NEW MITIGATION ACTIONS SCORING MATRIX - CRAWFORD COUNTY

Mitigation Action	Hazard	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Risk Reduction	Comments
Thickened "Cement" barriers to block roads to prevent Terror vehicle attack (festivals)	Terror						Already on list
Encourage Private agencies to become Private PSD	Epidemic	5	4	5	4	5	



NEW MITIGATION ACTIONS SCORING MATRIX – CRAWFORD COUNTY

NAME: _____ **JURISDICTION:** _____

Hazard & Associated Mitigation Action	New or previous mitigation action	Applicable to your jurisdiction?	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Risk Reduction	Comments
All Hazards								
1. Increase communication, coordination and collaboration among community leaders, property owners, local building regulations, and zoning authorities to address risk and provide uniformity and consistency in implementing sound mitigation practices.	Old	NO						
2. Develop a large gathering shelter plan for festivals and other events.	Old	NO						
3. Implement recommendations of feasibility study for upgrading countywide safety service communications.	Old	NO						
4. Identify and pursue funding options and opportunities to develop and implement local and county natural hazard mitigation activities.	Old	NO						
5. Encourage underground utility placement and tree maintenance programs in public right of ways.	Old							
6. Develop/update back-up power generation capabilities at critical government facilities (e.g. temporary storm safe locations, community EOCs).	New	NO						
7. Develop/update Continuity of Operations Plans.	New	NO						
8. Provide public education and outreach on disaster preparedness including websites, newsletters, social media, Preparedness Month events, etc.	New	NO						
9. Develop or update Emergency Operation Plans.	New	NO						
10. Maintain an all-hazard outdoor warning siren system, including repairing, replacing, and upgrading.	New	NO						
11. Conduct fire code, building code, zoning, and floodplain management enforcement activities.	New	NO						
12. Prepare public buildings to act as shelters in case of any hazard.	New	NO						
13. Develop a partnership to have places of worship serve as additional shelters.	New	NO						
Severe Storms								
1. Inform residents of the various ways to receive weather alerts.	New	NO						
2. Create a Standard Operating Guideline for the timely clearing of roads from debris caused by severe storms.	New	NO						
3. Install a lightning warning system.	New	NO						
4. Install lightning rods on public buildings.	New	NO						



NEW MITIGATION ACTIONS SCORING MATRIX – CRAWFORD COUNTY

Hazard & Associated Mitigation Action	New or previous mitigation action	Applicable to your jurisdiction?	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Risk Reduction	Comments
Flooding								
1. Identify surface water/county tile drainage obstructions for unincorporated areas.	Old	YES	4	4	5	5	5	Low-5Am3
2. Encourage development of strategies to preserve scenic waterways and open space in and around floodplains.	Old	YES	5	4	5	2	4	
3. Pursue mitigation activities and funding for designated flood prone areas.	Old	YES	3	3	4	3	3	
4. Investigate and record repetitive loss areas in cities and villages.	Old	NO						
5. Improve the stormwater management system.	New	YES	1	2	5	4	4	
6. Identify and study poor draining areas to control flooding.	New	NO						
7. Repair or replace ditches, culverts, and bridges to control flooding.	New	NO						
8. Identify and study riverbank stabilization opportunities.	New	YES	3	4	5	3	3	
9. Provide mitigation option guidance to property owners of Repetitive Loss and Severe Repetitive Loss Structures, such as acquisition, relocation, elevation, non-residential dry flood proofing, and non-residential wet flood proofing.	New	NO						
10. Encourage residents in flood prone areas to purchase flood insurance.	New	NO						
11. Modify building codes to encourage water proofing structures.	New	NO						
12. Adopt policies to reduce stormwater runoff.	New	NO						
13. Participate in the Community Rating System (awards communities who exceed NFIP requirements).	New	NO						
Tornadoes								
1. Convert old fire stations into tornado sirens.	Old	NO						
2. Continue yearly tornado drills at all schools.	Old	NO						
3. Provide weather radios to homes that are in sparsely populated areas.	Old	NO						
4. Participate in and promote the Ohio Safe Room Rebate Program for safe room installation by homeowners.	Old	NO						
5. Establish NOAA Weather Radio program for festivals, fairs/grounds, campgrounds, parks, and recreation.	Old	NO						
6. Promote commercial safe rooms for high occupancy uses, such as bars and restaurants.	New	NO						
7. Identify tornado safe locations for residents to seek shelter during tornadoes/high wind events.	New	NO						
8. Promote wind and tornado resistant construction practices.	New	NO						



NEW MITIGATION ACTIONS SCORING MATRIX – CRAWFORD COUNTY

Hazard & Associated Mitigation Action	New or previous mitigation action	Applicable to your jurisdiction?	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Risk Reduction	Comments
Tornadoes (continued)								
9. Encourage mobile home parks and other vulnerable communities to have a tornado preparedness plan.	New	NO						
Severe Winter Storms								
1. Increase public awareness of severe winter storms.	Old	NO						
2. Begin a public emergency plow telephone hotline for at-risk residents.	New	NO						
3. Promote community shoveling programs to reduce the risk of heart attacks from excessive labor.	New	NO						
Utility Failure								
1. Tree trimming in right of ways along utility lines.	New	NO						
2. Begin a revolving loan program to help residents purchase backup generators.	New	NO						
3. Consider burying utility lines outside of 100-Year flood plains in all new sub-divisions.	New	NO						
4. Promote partnerships between utility companies to reduce the cost of higher-grade wires and burying lines.	New	NO						
Hazardous Materials								
1. Develop a Wellhead Protection Plan.	New	NO						
2. Organize an annual drill to prepare for a disaster involving hazardous materials for emergency service personnel.	New	NO						
3. Report what hazardous materials are being handled on-site and amounts according to regulation.	New	NO						
4. Complete a commodity flow study to identify types and volume of hazardous materials transported via river, pipeline, truck, rail, and plane.	New	NO						
Terrorism								
1. Encourage critical infrastructure to implement protective measures at their facilities.	New	NO						
2. Coordinate with emergency services to ensure the safety of large public gathering events.	New	NO						
3. Provide guidance to schools, churches, government agencies, health care facilities, and other critical facilities on improving protection, preparedness, response, and recovery activities to an active aggressor threat.	New	NO						
4. Provide free active shooter training, or promote free and low cost third-party active shooter training.	New	NO						
5. Seal water wells.	New	NO						



NEW MITIGATION ACTIONS SCORING MATRIX – CRAWFORD COUNTY

Hazard & Associated Mitigation Action	New or previous mitigation action	Applicable to your jurisdiction?	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Risk Reduction	Comments
Terrorism (continued)								
6. Install temporary bollards or fences during high-occupancy outdoor events.	New	NO						
Epidemic								
1. Create public education programs to prevent the spread of contagious diseases.	New	NO						
2. Create a detailed public health plan to prepare for an epidemic.	New	NO						
3. Create a public education program for vaccinations.	New	NO						
Drought and Extreme Heat								
1. Provide education opportunities to farmers to reduce adverse effects of drought.	Old	YES	5	4	4	3	2	
2. Cities and villages to adopt water conservation measures and standards.	Old	YES	5	4	5	4	4	
3. Provide guidance and resources for vulnerable populations during extreme temperature events, such as transportation to cooling shelters.	New	NO						
4. Provide guidance and resources on utility assistance programs.	New	NO						
5. Encourage farmers to deepen wells where possible.	New	YES	1	1	1	1	1	
6. Encourage farmers to connect watering systems to deep wells.	New	YES	1	1	1	1	1	
7. Develop a plan to limit water usage during extreme and prolonged droughts.	New	NO						
8. Install water saving equipment in public buildings.	New	NO						
9. Retrofit water supply and storage systems.	New	NO						
10. Utilize xeriscaping (installation of drought-resistant plants arranged to save water) on public property to reduce water consumption.	New	YES	1	1	2	1	1	
Invasive Species								
1. Implement an invasive species education program that covers associated hazards, identification, behavior, and quarantine procedures.	New	YES	5	5	5	1	3	
2. Share information with the public that explains the importance of not importing or exporting firewood.	New	YES	5	5	5	1	1	
Dam Failure								
1. Coordinate with ODNR to implement Dam Safety Program.	New	YES	5	4	3	3	1	
2. Work with dam owners to develop/update their dam safety plan.	New	YES	4	2	1	3	1	
3. Work with dam owners to ensure they are prepared to respond should their dam fail.	New	YES	2	2	1	1	1	
4. Model dam failure to identify at-risk areas.	New	NO	3	2	1	3	1	



NEW MITIGATION ACTIONS SCORING MATRIX – CRAWFORD COUNTY

Hazard & Associated Mitigation Action	New or previous mitigation action	Applicable to your jurisdiction?	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Risk Reduction	Comments
Dam Failure (continued)								
5. Work with local communities to create a dam failure response plan.	New	YES	3	3	1	1	1	
Wildfire								
1. Promote public education on smoking hazards and recreational fire risks.	New	NO						
2. Provide public education on extreme fire danger and red flag warnings, including what it means and what actions to take when it is issued.	New	NO						
3. Develop a wildfire response plan with all fire departments.	New	NO						
Earthquakes								
1. Provide public awareness and safety procedures during and following an earthquake event.	Old	NO						
2. Use community outreach activities to foster an awareness of earthquake mitigation activities in homes, schools, and businesses.	New	NO						

Additional Mitigation Actions



NEW MITIGATION ACTIONS SCORING MATRIX – CRAWFORD COUNTY

Mitigation Action	Hazard	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Risk Reduction	Comments



NEW MITIGATION ACTIONS SCORING MATRIX – CRAWFORD COUNTY

NAME: _____ JURISDICTION: _____

Hazard & Associated Mitigation Action	New or previous mitigation action	Applicable to your jurisdiction?	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Risk Reduction	Comments
All Hazards								
1. Increase communication, coordination and collaboration among community leaders, property owners, local building regulations, and zoning authorities to address risk and provide uniformity and consistency in implementing sound mitigation practices.	Old	5	5	4	4	4	4	
2. Develop a large gathering shelter plan for festivals and other events.	Old	5	3	3	3	3	3	
3. Implement recommendations of feasibility study for upgrading countywide safety service communications.	Old	5	5	4	4	4	4	
4. Identify and pursue funding options and opportunities to develop and implement local and county natural hazard mitigation activities.	Old	5	5	4	4	4	4	
5. Encourage underground utility placement and tree maintenance programs in public right of ways.	Old	5	5	4	4	4	4	
6. Develop/update back-up power generation capabilities at critical government facilities (e.g. temporary storm safe locations, community EOCs).	New	5	5	5	5	5	5	
7. Develop/update Continuity of Operations Plans.	New	5	5	5	5	5	5	
8. Provide public education and outreach on disaster preparedness including websites, newsletters, social media, Preparedness Month events, etc.	New	5	5	5	5	5	5	
9. Develop or update Emergency Operation Plans.	New	5	5	5	5	5	5	
10. Maintain an all-hazard outdoor warning siren system, including repairing, replacing, and upgrading.	New	5	5	4	4	4	4	
11. Conduct fire code, building code, zoning, and floodplain management enforcement activities.	New	5	5	4	4	4	4	
12. Prepare public buildings to act as shelters in case of any hazard.	New	5	5	5	5	5	5	
13. Develop a partnership to have places of worship serve as additional shelters.	New	5	5	5	5	5	5	
Severe Storms								
1. Inform residents of the various ways to receive weather alerts.	New	5	5	5	5	5	5	
2. Create a Standard Operating Guideline for the timely clearing of roads from debris caused by severe storms.	New	5	5	5	5	5	5	
3. Install a lightning warning system.	New	5	4	4	4	4	4	
4. Install lightning rods on public buildings.	New	5	4	4	4	4	4	



NEW MITIGATION ACTIONS SCORING MATRIX – CRAWFORD COUNTY

NAME: _____ JURISDICTION: _____

Hazard & Associated Mitigation Action	New or previous mitigation action	Applicable to your jurisdiction?	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Risk Reduction	Comments
All Hazards								
1. Increase communication, coordination and collaboration among community leaders, property owners, local building regulations, and zoning authorities to address risk and provide uniformity and consistency in implementing sound mitigation practices.	Old	Yes	5	5	5	5	5	
2. Develop a large gathering shelter plan for festivals and other events.	Old	Yes	3	3	5	2	2	
3. Implement recommendations of feasibility study for upgrading countywide safety service communications.	Old	No						
4. Identify and pursue funding options and opportunities to develop and implement local and county natural hazard mitigation activities.	Old	No						
5. Encourage underground utility placement and tree maintenance programs in public right of ways.	Old	No						
6. Develop/update back-up power generation capabilities at critical government facilities (e.g. temporary storm safe locations, community EOCs).	New	Yes	2	3	5	5	5	
7. Develop/update Continuity of Operations Plans.	New	No						
8. Provide public education and outreach on disaster preparedness including websites, newsletters, social media, Preparedness Month events, etc.	New	Yes	4	3	5	5	5	
9. Develop or update Emergency Operation Plans.	New	Yes	5	5	5	5	5	
10. Maintain an all-hazard outdoor warning siren system, including repairing, replacing, and upgrading.	New	Yes						
11. Conduct fire code, building code, zoning, and floodplain management enforcement activities.	New	No						
12. Prepare public buildings to act as shelters in case of any hazard.	New	Yes	5	5	5	4	4	
13. Develop a partnership to have places of worship serve as additional shelters.	New	No						
Severe Storms								
1. Inform residents of the various ways to receive weather alerts.	New	Yes	5	2	5	2	2	
2. Create a Standard Operating Guideline for the timely clearing of roads from debris caused by severe storms.	New	No						
3. Install a lightning warning system.	New	Yes	5	5	5	5	5	
4. Install lightning rods on public buildings.	New	Yes	4	4	5	3	3	



NEW MITIGATION ACTIONS SCORING MATRIX – CRAWFORD COUNTY

Hazard & Associated Mitigation Action	New or previous mitigation action	Applicable to your jurisdiction?	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Risk Reduction	Comments
Flooding								
1. Identify surface water/county tile drainage obstructions for unincorporated areas.	Old	YES	1	3	5	4	4	
2. Encourage development of strategies to preserve scenic waterways and open space in and around floodplains.	Old	YES	1	3	5	4	4	
3. Pursue mitigation activities and funding for designated flood prone areas.	Old	YES	1	3	5	4	4	
4. Investigate and record repetitive loss areas in cities and villages.	Old	NO						
5. Improve the stormwater management system.	New	YES	2	3	5	4	4	
6. Identify and study poor draining areas to control flooding.	New	YES	5	5	5	4	4	
7. Repair or replace ditches, culverts, and bridges to control flooding.	New	YES	2	5	5	4	4	
8. Identify and study riverbank stabilization opportunities.	New	NO						
9. Provide mitigation option guidance to property owners of Repetitive Loss and Severe Repetitive Loss Structures, such as acquisition, relocation, elevation, non-residential dry flood proofing, and non-residential wet flood proofing.	New	NO						
10. Encourage residents in flood prone areas to purchase flood insurance.	New	YES	4	5	5	3	3	
11. Modify building codes to encourage water proofing structures.	New	NO						
12. Adopt policies to reduce stormwater runoff.	New	NO						
13. Participate in the Community Rating System (awards communities who exceed NFIP requirements).	New	NO						
Tornadoes								
1. Convert old fire stations into tornado sirens.	Old	NO						
2. Continue yearly tornado drills at all schools.	Old	YES	5	5	5	5	5	
3. Provide weather radios to homes that are in sparsely populated areas.	Old	YES	1	2	5	3	4	
4. Participate in and promote the Ohio Safe Room Rebate Program for safe room installation by homeowners.	Old	NO						
5. Establish NOAA Weather Radio program for festivals, fairgrounds, campgrounds, parks, and recreation.	Old	NO						
6. Promote commercial safe rooms for high occupancy uses, such as bars and restaurants.	New	NO						
7. Identify tornado safe locations for residents to seek shelter during tornadoes/high wind events.	New	YES	2	5	5	4	5	
8. Promote wind and tornado resistant construction practices.	New	YES	1	5	5	4	5	



NEW MITIGATION ACTIONS SCORING MATRIX - CRAWFORD COUNTY

Hazard & Associated Mitigation Action	New or previous mitigation action	Applicable to your jurisdiction?	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Risk Reduction	Comments
Tornadoes (continued)								
9. Encourage mobile home parks and other vulnerable communities to have a tornado preparedness plan.	New	Yes	2	3	5	5	5	
Severe Winter Storms								
1. Increase public awareness of severe winter storms.	Old	Yes	5	5	5	5	5	
2. Begin a public emergency plow telephone hotline for at-risk residents.	New	Yes	3	4	4	4	4	
3. Promote community shoveling programs to reduce the risk of heart attacks from excessive labor.	New	No						
Utility Failure								
1. Tree trimming in right of ways along utility lines.	New	Yes	4	3	4	3	4	
2. Begin a revolving loan program to help residents purchase backup generators.	New	No						
3. Consider burying utility lines outside of 100-Year flood plains in all new sub-divisions.	New	No						
4. Promote partnerships between utility companies to reduce the cost of higher-grade wires and burying lines.	New	Yes	2	5	5	5	5	
Hazardous Materials								
1. Develop a Wellhead Protection Plan.	New	No						
2. Organize an annual drill to prepare for a disaster involving hazardous materials for emergency service personnel.	New	Yes	5	5	5	5	5	
3. Report what hazardous materials are being handled on-site and amounts according to regulation.	New	Yes	5	3	5	2	2	
4. Complete a commodity flow study to identify types and volume of hazardous materials transported via river, pipeline, truck, rail, and plane.	New	No						
Terrorism								
1. Encourage critical infrastructure to implement protective measures at their facilities.	New	Yes	3	5	5	5	5	
2. Coordinate with emergency services to ensure the safety of large public gathering events.	New	Yes	4	5	5	5	5	
3. Provide guidance to schools, churches, government agencies, health care facilities, and other critical facilities on improving protection, preparedness, response, and recovery activities to an active aggressor threat.	New	Yes	5	5	5	5	5	
4. Provide free active shooter training, or promote free and low cost third-party active shooter training.	New	Yes	5	5	5	5	5	
5. Seal water wells.	New	No						



NEW MITIGATION ACTIONS SCORING MATRIX - CRAWFORD COUNTY

Hazard & Associated Mitigation Action	New or previous mitigation action	Applicable to your jurisdiction?	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Risk Reduction	Comments
Terrorism (continued)								
6. Install temporary bollards or fences during high-occupancy outdoor events.	New	Yes	1	2	5	3	3	
Epidemic								
1. Create public education programs to prevent the spread of contagious diseases.	New	Yes	4	4	5	3	3	
2. Create a detailed public health plan to prepare for an epidemic.	New	No						
3. Create a public education program for vaccinations.	New	Yes	4	2	5	5	5	
Drought and Extreme Heat								
1. Provide education opportunities to farmers to reduce adverse effects of drought.	Old	No						
2. Cities and villages to adopt water conservation measures and standards.	Old	No						
3. Provide guidance and resources for vulnerable populations during extreme temperature events, such as transportation to cooling shelters.	New	No						
4. Provide guidance and resources on utility assistance programs.	New	No						
5. Encourage farmers to deepen wells where possible.	New	No						
6. Encourage farmers to connect watering systems to deep wells.	New	No						
7. Develop a plan to limit water usage during extreme and prolonged droughts.	New	No						
8. Install water saving equipment in public buildings.	New	No						
9. Retrofit water supply and storage systems.	New	No						
10. Utilize xeriscaping (installation of drought-resistant plants arranged to save water) on public property to reduce water consumption.	New	No						
Invasive Species								
1. Implement an Invasive species education program that covers associated hazards, identification, behavior, and quarantine procedures.	New	No						
2. Share information with the public that explains the importance of not importing or exporting firewood.	New	No						
Dam Failure								
1. Coordinate with ODNR to implement Dam Safety Program.	New	No						
2. Work with dam owners to develop/update their dam safety plan.	New	No						
3. Work with dam owners to ensure they are prepared to respond should their dam fail.	New	No						
4. Model dam failure to identify at-risk areas.	New	No						



NEW MITIGATION ACTIONS SCORING MATRIX – CRAWFORD COUNTY

Hazard & Associated Mitigation Action	New or previous mitigation action	Applicable to your jurisdiction?	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Risk Reduction	Comments
Dam Failure (continued)								
5. Work with local communities to create a dam failure response plan.	New	NO						
Wildfire								
1. Promote public education on smoking hazards and recreational fire risks.	New	NO						
2. Provide public education on extreme fire danger and red flag warnings, including what it means and what actions to take when it is issued.	New	YES	5	5	5	3	4	
3. Develop a wildfire response plan with all fire departments.	New	NO						
Earthquakes								
1. Provide public awareness and safety procedures during and following an earthquake event.	Old	NO						
2. Use community outreach activities to foster an awareness of earthquake mitigation activities in homes, schools, and businesses.	New	NO						

Additional Mitigation Actions



NEW MITIGATION ACTIONS SCORING MATRIX – CRAWFORD COUNTY

Hazard & Associated Mitigation Action	New or previous mitigation action	Applicable to your jurisdiction?	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Risk Reduction	Comments
Flooding								
1. Identify surface water/county tile drainage obstructions for unincorporated areas.	Old	5	5	5	5	5	5	
2. Encourage development of strategies to preserve scenic waterways and open space in and around floodplains.	Old	5	3	3	3	3	3	
3. Pursue mitigation activities and funding for designated flood prone areas.	Old	5	5	5	5	5	5	
4. Investigate and record repetitive loss areas in cities and villages.	Old	5	5	5	5	5	5	
5. Improve the stormwater management system.	New	5	5	5	5	5	5	
6. Identify and study poor draining areas to control flooding.	New	5	5	5	5	5	5	
7. Repair or replace ditches, culverts, and bridges to control flooding.	New	5	5	5	5	5	5	
8. Identify and study riverbank stabilization opportunities.	New	5	5	5	5	5	5	
9. Provide mitigation option guidance to property owners of Repetitive Loss and Severe Repetitive Loss Structures, such as acquisition, relocation, elevation, non-residential dry flood proofing, and non-residential wet flood proofing.	New	5	3	5	5	4	4	
10. Encourage residents in flood prone areas to purchase flood insurance.	New	5	5	5	5	4	4	
11. Modify building codes to encourage water proofing structures.	New	5	5	5	5	5	5	
12. Adopt policies to reduce stormwater runoff.	New	5	5	5	5	5	5	
13. Participate in the Community Rating System (awards communities who exceed NFIP requirements).	New	5	5	5	5	5	5	
Tornadoes								
1. Convert old fire stations into tornado sirens.	Old	5	5	5	4	3	3	
2. Continue yearly tornado drills at all schools.	Old	5	5	5	4	3	3	
3. Provide weather radios to homes that are in sparsely populated areas.	Old	5	3	3	3	3	3	
4. Participate in and promote the Ohio Safe Room Rebate Program for safe room installation by homeowners.	Old	5	3	5	3	3	3	
5. Establish NOAA Weather Radio program for festivals, fairgrounds, campgrounds, parks, and recreation.	Old	5	5	5	3	3	3	
6. Promote commercial safe rooms for high occupancy uses, such as bars and restaurants.	New	5	3	5	3	3	3	
7. Identify tornado safe locations for residents to seek shelter during tornadoes/high wind events.	New	5	3	5	3	3	3	
8. Promote wind and tornado resistant construction practices.	New	5	3	5	3	3	3	



NEW MITIGATION ACTIONS SCORING MATRIX – CRAWFORD COUNTY

Hazard & Associated Mitigation Action	New or previous mitigation action	Applicable to your jurisdiction?	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Risk Reduction	Comments
Tornadoes (continued)								
9. Encourage mobile home parks and other vulnerable communities to have a tornado preparedness plan.	New	5	5	5	3	3	3	
Severe Winter Storms								
1. Increase public awareness of severe winter storms.	Old	5	5	5	5	5	5	
2. Begin a public emergency plow telephone hotline for at-risk residents.	New	5	5	5	5	5	5	
3. Promote community shoveling programs to reduce the risk of heart attacks from excessive labor.	New	5	5	5	5	5	5	
Utility Failure								
1. Tree trimming in right of ways along utility lines.	New	5	5	3	3	3	3	
2. Begin a revolving loan program to help residents purchase backup generators.	New	5	5	3	3	3	3	
3. Consider burying utility lines outside of 100-Year flood plains in all new sub-divisions.	New	5	5	3	3	3	3	
4. Promote partnerships between utility companies to reduce the cost of higher-grade wires and burying lines.	New	5	5	3	3	3	3	
Hazardous Materials								
1. Develop a Wellhead Protection Plan.	New	5	5	3	3	3	3	
2. Organize an annual drill to prepare for a disaster involving hazardous materials for emergency service personnel.	New	5	5	5	5	5	5	
3. Report what hazardous materials are being handled on-site and amounts according to regulation.	New	5	5	5	5	5	5	
4. Complete a commodity flow study to identify types and volume of hazardous materials transported via river, pipeline, truck, rail, and plane.	New	5	5	5	5	5	5	
Terrorism								
1. Encourage critical infrastructure to implement protective measures at their facilities.	New	5	5	5	5	5	3	
2. Coordinate with emergency services to ensure the safety of large public gathering events.	New	5	5	5	5	5	3	
3. Provide guidance to schools, churches, government agencies, health care facilities, and other critical facilities on improving protection, preparedness, response, and recovery activities to an active aggressor threat.	New	5	5	5	5	5	3	
4. Provide free active shooter training, or promote free and low cost third-party active shooter training.	New	5	5	5	5	5	3	
5. Seal water wells.	New	5	5	5	5	5	3	



NEW MITIGATION ACTIONS SCORING MATRIX – CRAWFORD COUNTY

Hazard & Associated Mitigation Action	New or previous mitigation action	Applicable to your jurisdiction?	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Risk Reduction	Comments
Terrorism (continued)								
6. Install temporary bollards or fences during high-occupancy outdoor events.	New	5	5	5	5	5	5	
Epidemic								
1. Create public education programs to prevent the spread of contagious diseases.	New	5	5	5	5	5	3	
2. Create a detailed public health plan to prepare for an epidemic.	New	5	5	5	5	5	3	
3. Create a public education program for vaccinations.	New	5	5	5	5	5	5	
Drought and Extreme Heat								
1. Provide education opportunities to farmers to reduce adverse effects of drought.	Old	5	5	5	5	4	4	
2. Cities and villages to adopt water conservation measures and standards.	Old	5	5	5	5	4	4	
3. Provide guidance and resources for vulnerable populations during extreme temperature events, such as transportation to cooling shelters.	New	5	3	3	3	3	3	
4. Provide guidance and resources on utility assistance programs.	New	5	3	4	4	3	3	
5. Encourage farmers to deepen wells where possible.	New	5	3	4	4	3	3	
6. Encourage farmers to connect watering systems to deep wells.	New	5	3	4	4	3	3	
7. Develop a plan to limit water usage during extreme and prolonged droughts.	New	5	3	4	4	3	3	
8. Install water saving equipment in public buildings.	New	5	3	4	4	3	3	
9. Retrofit water supply and standards programs.	New	5	3	4	4	3	3	
10. Encourage xeriscaping (installation of drought-resistant plants arranged to save water) on public property to reduce water consumption.	New	5	3	4	4	3	3	
Invasive Species								
1. Implement an invasive species education program that covers associated hazards, identification, behavior, and quarantine procedures.	New	5	5	4	5	3	3	
2. Share information with the public that explains the importance of not importing or exporting firewood.	New	5	5	4	5	3	3	
Dam Failure								
1. Coordinate with ODNR to implement Dam Safety Program.	New	5	3	3	4	3	3	
2. Work with dam owners to develop/update their dam safety plan.	New	5	3	3	4	3	3	
3. Work with dam owners to ensure they are prepared to respond should their dam fail.	New	5	3	3	4	3	3	
4. Model dam failure to identify at-risk areas.	New	5	3	3	4	3	3	



NEW MITIGATION ACTIONS SCORING MATRIX – CRAWFORD COUNTY

Hazard & Associated Mitigation Action	New or previous mitigation action	Applicable to your jurisdiction?	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Risk Reduction	Comments
Dam Failure (continued)								
5. Work with local communities to create a dam failure response plan.	New	5	3	3	4	3	3	
Wildfire								
1. Promote public education on smoking hazards and recreational fire risks.	New	5	3	3	4	3	3	
2. Provide public education on extreme fire danger and red flag warnings, including what it means and what actions to take when it is issued.	New	5	4	4	4	3	3	
3. Develop a wildfire response plan with all fire departments.	New	5	4	4	4	3	3	
Earthquakes								
1. Provide public awareness and safety procedures during and following an earthquake event.	Old	5	4	4	4	3	3	
2. Use community outreach activities to foster an awareness of earthquake mitigation activities in homes, schools, and businesses.	New	5	4	4	4	3	3	

Additional Mitigation Actions



NEW MITIGATION ACTIONS SCORING MATRIX – CRAWFORD COUNTY

NAME: _____ JURISDICTION: _____

Hazard & Associated Mitigation Action	New or previous mitigation action	Applicable to your jurisdiction?	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Risk Reduction	Comments
All Hazards								
1. Increase communication, coordination and collaboration among community leaders, property owners, local building regulations, and zoning authorities to address risk and provide uniformity and consistency in implementing sound mitigation practices.	Old	YES	5	5	5	3	3	
2. Develop a large gathering shelter plan for festivals and other events.	Old	YES	2	2	2	2	2	
3. Implement recommendations of feasibility study for upgrading countywide safety service communications.	Old	YES	5	5	5	5	5	
4. Identify and pursue funding options and opportunities to develop and implement local and county natural hazard mitigation activities.	Old	YES	3	4	4	2	4	
5. Encourage underground utility placement and tree maintenance programs in public right of ways.	Old	YES	4	5	5	5	5	
6. Develop/update back-up power generation capabilities at critical government facilities (e.g. temporary storm safe locations, community EOCs).	New	YES	5	5	5	5	5	
7. Develop/update Continuity of Operations Plans.	New	YES	5	5	5	5	5	
8. Provide public education and outreach on disaster preparedness including websites, newsletters, social media, Preparedness Month events, etc.	New	YES	5	5	5	5	5	
9. Develop or update Emergency Operation Plans.	New	YES	5	5	5	5	5	
10. Maintain an all-hazard outdoor warning siren system, including repairing, replacing, and upgrading.	New	YES	5	5	5	5	5	
11. Conduct fire code, building code, zoning, and floodplain management enforcement activities.	New	YES	5	5	5	4	5	
12. Prepare public buildings to act as shelters in case of any hazard.	New	YES	4	3	3	3	3	
13. Develop a partnership to have places of worship serve as additional shelters.	New	YES	4	3	3	3	3	
Severe Storms								
1. Inform residents of the various ways to receive weather alerts.	New	YES	5	4	5	5	4	
2. Create a Standard Operating Guideline for the timely clearing of roads from debris caused by severe storms.	New	YES	5	5	5	5	5	
3. Install a lightning warning system.	New	YES	1	1	1	1	1	
4. Install lightning rods on public buildings.	New	YES	1	1	1	1	1	



NEW MITIGATION ACTIONS SCORING MATRIX – CRAWFORD COUNTY

Hazard & Associated Mitigation Action	New or previous mitigation action	Applicable to your jurisdiction?	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Risk Reduction	Comments
Flooding								
1. Identify surface water/county tile drainage obstructions for unincorporated areas.	Old	YES	4	4	4	5	5	
2. Encourage development of strategies to preserve scenic waterways and open space in and around floodplains.	Old	YES	4	5	5	4	5	
3. Pursue mitigation activities and funding for designated flood prone areas.	Old	YES	4	5	5	4	5	
4. Investigate and record repetitive loss areas in cities and villages.	Old	YES	5	5	5	4	4	
5. Improve the stormwater management system.	New	YES	1	2	5	5	5	
6. Identify and study poor draining areas to control flooding.	New	YES	3	3	5	4	3	
7. Repair or replace ditches, culverts, and bridges to control flooding.	New	YES	1	1	2	2	2	
8. Identify and study riverbank stabilization opportunities.	New	YES	1	1	3	3	3	
9. Provide mitigation option guidance to property owners of Repetitive Loss and Severe Repetitive Loss Structures, such as acquisition, relocation, elevation, non-residential dry flood proofing, and non-residential wet flood proofing.	New	YES	1	1	2	2	2	
10. Encourage residents in flood prone areas to purchase flood insurance.	New	NO						
11. Modify building codes to encourage water proofing structures.	New	NO						
12. Adopt policies to reduce stormwater runoff.	New	YES	1	2	2	2	2	
13. Participate in the Community Rating System (awards communities who exceed NFIP requirements).	New	?						
Tornadoes								
1. Convert old fire stations into tornado sirens.	Old	YES	5	5	5	5	5	
2. Continue yearly tornado drills at all schools.	Old	YES	5	5	5	5	5	
3. Provide weather radios to homes that are in sparsely populated areas.	Old	NO						
4. Participate in and promote the Ohio Safe Room Rebate Program for safe room installation by homeowners.	Old	NO						
5. Establish NOAA Weather Radio program for festivals, fairgrounds, campgrounds, parks, and recreation.	Old	NO						
6. Promote commercial safe rooms for high occupancy uses, such as bars and restaurants.	New	NO						
7. Identify tornado safe locations for residents to seek shelter during tornadoes/high wind events.	New	NO						
8. Promote wind and tornado resistant construction practices.	New	NO						



NEW MITIGATION ACTIONS SCORING MATRIX – CRAWFORD COUNTY

Hazard & Associated Mitigation Action	New or previous mitigation action	Applicable to your jurisdiction?	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Risk Reduction	Comments
Tornadoes (continued)								
9. Encourage mobile home parks and other vulnerable communities to have a tornado preparedness plan.	New	NO						
Severe Winter Storms								
1. Increase public awareness of severe winter storms.	Old	YES	5	5	5	5	5	
2. Begin a public emergency plow telephone hotline for at-risk residents.	New	YES	5	5	5	4	4	
3. Promote community shoveling programs to reduce the risk of heart attacks from excessive labor.	New	YES	2	2	3	2	4	
Utility Failure								
1. Tree trimming in right of ways along utility lines.	New	YES	2	3	3	3	3	
2. Begin a revolving loan program to help residents purchase backup generators.	New	NO						
3. Consider burying utility lines outside of 100-Year flood plains in all new sub-divisions.	New	NO						
4. Promote partnerships between utility companies to reduce the cost of higher-grade wires and burying lines.	New	NO						
Hazardous Materials								
1. Develop a Wellhead Protection Plan.	New	NO						
2. Organize an annual drill to prepare for a disaster involving hazardous materials for emergency service personnel.	New	YES	5	5	5	4	4	TRANS
3. Report what hazardous materials are being handled on-site and amounts according to regulation.	New	YES	4	4	5	3	3	
4. Complete a commodity flow study to identify types and volume of hazardous materials transported via river, pipeline, truck, rail, and plane.	New	YES	1	1	4	4	4	
Terrorism								
1. Encourage critical infrastructure to implement protective measures at their facilities.	New	YES	4	4	4	5	5	
2. Coordinate with emergency services to ensure the safety of large public gathering events.	New	YES	4	5	4	5	5	
3. Provide guidance to schools, churches, government agencies, health care facilities, and other critical facilities on improving protection, preparedness, response, and recovery activities to an active aggressor threat.	New	YES	5	5	5	5	5	
4. Provide free active shooter training, or promote free and low cost third-party active shooter training.	New	YES	5	5	5	5	5	
5. Seal water wells.	New	NO						



NEW MITIGATION ACTIONS SCORING MATRIX - CRAWFORD COUNTY

Hazard & Associated Mitigation Action	New or previous mitigation action	Applicable to your jurisdiction?	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Risk Reduction	Comments
Terrorism (continued)								
6. Install temporary bollards or fences during high-occupancy outdoor events.	New	YES	5	5	5	5	5	
Epidemic								
1. Create public education programs to prevent the spread of contagious diseases.	New	YES	5	5	5	5	5	
2. Create a detailed public health plan to prepare for an epidemic.	New	YES	5	5	5	5	5	
3. Create a public education program for vaccinations.	New	YES	5	5	5	5	5	
Drought and Extreme Heat								
1. Provide education opportunities to farmers to reduce adverse effects of drought.	Old	NO						
2. Dilus and villages to adopt water conservation measures and standards.	Old	NO						
3. Provide guidance and resources for vulnerable populations during extreme temperature events, such as transportation to cooling shelters.	New	NO						
4. Provide guidance and resources on utility assistance programs.	New	NO						
5. Encourage farmers to deepen wells where possible.	New	NO						
6. Encourage farmers to connect watering systems to deep wells.	New	NO						
7. Develop a plan to limit water usage during extreme and prolonged droughts.	New	NO						
8. Install water saving equipment in public buildings.	New	NO						
9. Retrofit water supply and storage systems.	New	NO						
10. Utilize xeriscaping (Installation of drought-resistant plants arranged to save water) on public property to reduce water consumption.	New	NO						
Invasive Species								
1. Implement an invasive species education program that covers associated hazards, identification, behavior, and quarantine procedures.	New	YES	1	1	1	1	1	
2. Share information with the public that explains the importance of not importing or exporting firewood.	New	NO						
Dam Failure								
1. Coordinate with ODNR to implement Dam Safety Program.	New	NO						
2. Work with dam owners to develop/update their dam safety plan.	New	NO						
3. Work with dam owners to ensure they are prepared to respond should their dam fail.	New	NO						
4. Model dam failure to identify at-risk areas.	New	NO						



NEW MITIGATION ACTIONS SCORING MATRIX – CRAWFORD COUNTY

Hazard & Associated Mitigation Action	New or previous mitigation action	Applicable to your jurisdiction?	Cost Effective	Technically Feasible	Environmentally Sound	Immediate Need	Risk Reduction	Comments
Dam Failure (continued)								
5. Work with local communities to create a dam failure response plan.	New	no						
Wildfire								
1. Promote public education on smoking hazards and recreational fire risks.	New	no						
2. Provide public education on extreme fire danger and red flag warnings, including what it means and what actions to take when it is issued.	New	no						
3. Develop a wildfire response plan with all fire departments.	New	no						
Earthquakes								
1. Provide public awareness and safety procedures during and following an earthquake event.	Old	no						
2. Use community outreach activities to foster an awareness of earthquake mitigation activities in homes, schools, and businesses.	New	no						

Additional Mitigation Actions



NEW MITIGATION ACTIONS SCORING MATRIX – CRAWFORD COUNTY

NAME:

JURISDICTION:

Hazard & Associated Mitigation Action	New or previous mitigation action	Applicable to your jurisdiction?	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Risk Reduction	Comments
All Hazards								
1. Increase communication, coordination and collaboration among community leaders, property owners, local building regulations, and zoning authorities to address risk and provide uniformity and consistency in implementing sound mitigation practices.	Old	4	5	4	4	3	4	
2. Develop a large gathering shelter plan for festivals and other events.	Old	4	4	4	5	3	4	
3. Implement recommendations of feasibility study for upgrading countywide safety service communications.	Old	4	2	2	4	3	3	
4. Identify and pursue funding options and opportunities to develop and implement local and county natural hazard mitigation activities.	Old	4	2	3	4	2	3	
5. Encourage underground utility placement and tree maintenance programs in public right of ways.	Old	4	2	3	4	3	4	
6. Develop/update back-up power generation capabilities at critical government facilities (e.g. temporary storm safe locations, community EOCs).	New	4	3	4	4	4	4	
7. Develop/update Continuity of Operations Plans.	New	4	5	4	4	4	4	
8. Provide public education and outreach on disaster preparedness including websites, newsletters, social media, Preparedness Month events, etc.	New	4	5	5	5	5	5	
9. Develop or update Emergency Operation Plans.	New	4	5	5	5	5	5	
10. Maintain an all-hazard outdoor warning siren system, including repairing, replacing, and upgrading.	New	4	2	3	4	4	4	
11. Conduct fire code, building code, zoning, and floodplain management enforcement activities.	New	4	4	3	4	2	4	
12. Prepare public buildings to act as shelters in case of any hazard.	New	4	5	5	5	5	5	
13. Develop a partnership to have places of worship serve as additional shelters.	New	4	5	5	5	5	5	
Severe Storms								
1. Inform residents of the various ways to receive weather alerts.	New	4	5	5	5	5	5	
2. Create a Standard Operating Guideline for the timely clearing of roads from debris caused by severe storms.	New	4	5	5	5	5	5	
3. Install a lightning warning system.	New	4	2	2	4	4	4	
4. Install lightning rods on public buildings.	New	N	2	2	3	2	3	