

Appendix B: Planning Process

Appendix B includes the following planning process documents:

1. Notices for public comment period for community survey
2. Invitee list
3. Meeting letters and emails
4. Meeting agendas/presentations
5. Internet postings of meeting dates and notices
6. Meeting sign in sheets
7. STAPLEE worksheets

Dade County HMP Community Survey

Cunningham, Thomas E <TCunningham@MissouriState.edu>

Fri 5/5/2023 11:08 AM

To: Darren Gallup <dgallup.dadecountyemd@gmail.com>; Barry Endicott <goeverton@netzero.net>; Mark Davis <mark@greenfieldmo.org>; Andy Miller <greenfieldmopublicworks@gmail.com>; Kenneth Snider <mayor@lockwoodmo.com>; Joy Finley <cityclerk@lockwoodmo.com>; Kitty Ayres <ctaylorwhitesell@yahoo.com>; Cassy Farmer <cfarmer@dadeville.k12.mo.us>; Janine Sitton <jsitton@dadeville.k12.mo.us>; Chris Kell <ckell@greenfieldr4.org>; Clay Lasater <clasater@tigersk12.org>; Cindy Cornish <ccornish@tigersk12.org>; Lori Sneed <sneed.brian@yahoo.com>; Kim Kinder <kimkinderdadeco@hotmail.com>; Kim Kinder <dadecocommission@gmail.com>; jlawrence@everstontigers.org <jlawrence@everstontigers.org>; Lisa Thompson <arcolamo@yahoo.com>; Tucker Berry <dacomopanning@gmail.com>; Gary Banta <firechiefbanta@hotmail.com>; Dade County First Responders <dadecofirstresponders@gmail.com>

Good morning everyone

Here is a link to the community survey that I mentioned at the last 2 meetings. The idea behind this is to get as much community input as possible to help shape the plan. The survey is completely anonymous and should only take less than 10 minutes to complete. It gauges the community's perception on hazards and the possible impacts they could have.

<https://forms.office.com/r/xBpGNtPrzn>

If possible, please share this with as many people in your community as possible. You can post on your facebook page or other social media accounts, post the link in your community centers, send out the link with utility bills, send the link home with students, etc. Whatever ways you have to most effectively communicate with your community. The more responses we can get the better.

Also, there are still a significant amount of questionnaires that have not been submitted. I still need them from Dadeville, Everton, Lockwood, South Greenfield, Everton R-III, Greenfield R-IV, Dade County First Responders, Dade County R-IV Rural Fire Protection District, Everton Rural Fire Department, and Lockwood Fire Protection District. This is a required document that must be completed in order to fully participate in the plan.

If you have any questions, please don't hesitate to contact me. Thanks and have a great weekend!

Thomas Cunningham

Associate Planner

Southwest Missouri Council of Governments

110 Park Central Square | Springfield, MO 65806

Office: 417-836-6900 | Direct: 417-836-5281

Dade County Needs Your Input

Dade County is updating the County Hazard Mitigation Plan, a process that takes place only once every five years, and community input is vital to the overall success of the plan.

[Click here](#) to take the Dade County Hazard Mitigation Plan Community Survey and have your voice be heard on your community's future.

Jurisdiction	Title	First Name	Last name	Street Address	City	Zip	Phone	Email
Dade County	EMD	Darren	Gallup				417-637-0270	dgallup.dadecountyemd@gmail.com
Dade County	Presiding Commissioner	Kim	Kinder				417-637-5322	kimkinder69@icloud.com
Dade County	County Clerk	Melinda	Wright				417-637-2724	dade@sos.mo.gov
Dade County	911 Director	Lori	Sneed					lsneed@dadecountymo911.gov
City of Dadeville	City Clerk	Verla	Pringle	128 N Clark Street	Dadeville	65635	417-995-3923	
City of Dadeville	Mayor	Jim	Toler	224 W Main Street	Dadeville	65635	417-995-3035	
City of Everton	Mitigation Planner	Konnie	Brewer					
City of Everton	Mayor	Barry	Endicott				417-535-4000	goeverton@netzero.net
City of Greenfield	City Clerk	Mark	Davis	105 S Grand Street	Greenfield	65661	417-637-2532	mark@greenfieldmo.org
City of Greenfield	Mayor	Dave	Engroff	105 S Grand Street	Greenfield	65661	417-955-3410	daveengroff32@gmail.com
City of Greenfield	Maintenance Supervisor	Andy	Miller					greenfieldmopublicworks@gmail.com
City of Greenfield	Police Chief	Tim	Larkin					tim@greenfieldmo.org
City of Lockwood	Mayor	Kenneth	Snider	400 Main Street	Lockwood	65682	417-232-4221	mayor@lockwoodmo.com
City of Lockwood	City Clerk	Joy	Finley	400 Main Street	Lockwood	65682	417-232-4221	cityclerk@lockwoodmo.com
City of Lockwood	City Superintendent	Isaac	Dodd					citysuperintendent@lockwoodmo.com
Village of Arcola	Board Member	Lisa	Thompson				417-276-1791	arcolamo@yahoo.com
Village of Arcola	City Clerk	Cyndi	Trapp					arcolamo@yahoo.com
Village of South Greenfield	Chairperson	Kitty	Ayres	361 Park Circle	South Greenfield	65752	417-637-0004	vosgreenfield@yahoo.com

Village of South Greenfield	Trustee	Bonnie	Taylor					ctaylorwhitesell@yahoo.com
Dadeville R-II	Superintendent	Cassy	Farmer				417-995-2201	cfarmer@dadeville.k12.mo.us
Dadeville R-II	Administrative Assistant	Janine	Sitton				417-995-2201	jsitton@dadeville.k12.mo.us
Everton R-III	Superintendent	Will	Darter				417-535-2221	wdarter@evertontigers.org
Greenfield R-IV	Superintendent	Chris	Kell	410 College Street	Greenfield	65661	417-637-5321	ckell@greenfieldr4.org
Lockwood R-I	Superintendent	Clay	Lasater				417-232-4513	clasater@tigersk12.org
Lockwood R-I	Administrative Assistant	Cindy	Cornish				417-232-4513	ccornish@tigersk12.org
Dade County First Responders							417-300-4911	dadecountyfirstresponders@gmail.com
Dade County R-IV Rural Fire Protection District	Fire Chief	Gary	Banta				417-224-7253	firechiefbanta@hotmail.com
Dade County R-IV Rural Fire Protection District	Administrative Assistant	Tina	Brownsberger					dadeco@missouri.edu
Dadeville Rural Fire Protection District	Fire Chief	Brian	Sneed	102 E Main Street	Dadeville	65635	417-995-4555	sneed.brian@yahoo.com
Everton Rural Fire Protection District		Jim	Hankins				417-535-2605	jhankins240@yahoo.com
Lockwood Fire Protection District	Firefighter/Public Information	Tucker	Berry				417-234-4243	dacomoplanning@gmail.com
Lockwood Fire Protection District	Fire Chief	Greg	Allen					rockandfarm@yahoo.com
MU Extension	Administrative Assistant	Tina	Brownsberger					dadeco@missouri.edu

Dade County Hazard Mitigation Plan Update Kick Off Meeting

Cunningham, Thomas E <TCunningham@MissouriState.edu>

Tue 3/14/2023 4:09 PM

To: Darren Gallup <dgallup.dadecountyemd@gmail.com>; Kim Kinder <kimkinderdadeco@hotmail.com>; Kim Kinder <dadecocommission@gmail.com>; Barry Endicott <goeverton@netzero.net>; Mark Davis <mark@greenfieldmo.org>; Andy Miller <greenfieldmopublicworks@gmail.com>; Kenneth Snider <mayor@lockwoodmo.com>; Joy Finley <cityclerk@lockwoodmo.com>; Kitty Ayres <ctaylorwhitesell@yahoo.com>; Cassy Farmer <cfarmer@dadeville.k12.mo.us>; Janine Sitton <jsitton@dadeville.k12.mo.us>; John Lawrence <jlawrence@everstontigers.org>; Chris Kell <ckell@greenfieldr4.org>; Clay Lasater <clasater@tigersk12.org>; Cindy Cornish <ccornish@tigersk12.org>; Lori Sneed <sneed.brian@yahoo.com>; Robert Withrow <rwithrow@lockwoodfire.org>; Megan Watts <mwatts@lockwoodfire.org>

The State Emergency Management Agency (SEMA) has entered into an agreement with the Southwest Missouri Council of Governments (SMCOG) to assist with the required update to the Dade County Natural Hazard Mitigation Plan. Federal law requires communities and other local public jurisdictions to have an approved, adopted hazard mitigation plan on file with the Federal Emergency Management Agency (FEMA) to be eligible to apply for and receive Hazard Mitigation Grant Program and other Federal mitigation program assistance.

The hazard mitigation plan must be updated every five years to maintain eligibility for funding. The updated plan developed for Dade County and its jurisdictions will meet the minimum planning requirements for all FEMA mitigation programs.

Community involvement in the development of the updated hazard mitigation plan for Dade County is critical to this effort and is a required element of the planning process. Any and all jurisdictions that may consider hazard mitigation projects in the next five years **must** participate in the plan update process to be eligible to apply for FEMA hazard mitigation project assistance grants.

The intent of the mitigation plan is to identify and evaluate the participating jurisdictions' vulnerability to natural disasters and to develop strategies and actions that can eliminate the negative effects of future disasters. Some examples of mitigation actions include the construction of safe rooms, improvements to low water crossings, and flood hazard area buyouts.

A representative from your jurisdiction or organization is invited to attend the kickoff information meeting at the following time/location:

**719 S Main Street
Lockwood, MO 65682
Wednesday, March 29, 2023**

I will be sending a follow up email to all jurisdictions that includes a questionnaire. This questionnaire will ask a series of questions about the structure of your jurisdiction, previous occurrences of hazard events, what facilities could potentially be affected by hazard events, what plans your jurisdiction has in place to help mitigate the effects of these potential hazards, and more.

Please try to complete the questionnaire and return to me by Friday, April 14th. If you need more time or have any questions about it, don't hesitate to reach out to me. An overview of the questionnaire will be provided at the kickoff meeting, so it is encouraged that representatives bring their questionnaire with them in case they have any questions or would like feedback on their answers.

Dade County HMP Update Meeting #2

Cunningham, Thomas E <TCunningham@MissouriState.edu>

Tue 4/11/2023 3:29 PM

Bcc: Darren Gallup <dgallup.dadecountyemd@gmail.com>; Barry Endicott <goeverton@netzero.net>; Mark Davis <mark@greenfieldmo.org>; Andy Miller <greenfieldmopublicworks@gmail.com>; Kenneth Snider <mayor@lockwoodmo.com>; Joy Finley <cityclerk@lockwoodmo.com>; Kitty Ayres <ctaylorwhitesell@yahoo.com>; Cassy Farmer <cfarmer@dadeville.k12.mo.us>; Janine Sittton <jsittton@dadeville.k12.mo.us>; Chris Kell <ckell@greenfieldr4.org>; Clay Lasater <clasater@tigersk12.org>; Cindy Cornish <ccornish@tigersk12.org>; Lori Sneed <sneed.brian@yahoo.com>; Kim Kinder <kimkinderdadeco@hotmail.com>; Kim Kinder <dadecocommission@gmail.com>; jlawrence@everstontigers.org <jlawrence@everstontigers.org>; Lisa Thompson <arcolamo@yahoo.com>; Tucker Berry <dacomoplanning@gmail.com>; Gary Banta <firechiefbanta@hotmail.com>; Dade County First Responders <dadecofirstresponders@gmail.com>

Good afternoon everyone

Meeting #2 of the Dade County Hazard Mitigation Plan update is scheduled for 2 pm on Tuesday, April 25th. This meeting will be held in Greenfield at 105 S Main Street. The main topic of this meeting is the risk assessment portion of the plan.

As a reminder, please do your best to have your questionnaires submitted by April 14th. If you have any questions or need additional time, please let me know. You can also bring the questionnaire with you to the meeting and I can help you with it there. We will also look ahead to future meetings to make sure we pick a date/time that accommodates as many people as possible.

If you have any questions, please don't hesitate to contact me. I hope to see everyone there. Thanks!

Dade County HMP Meeting 2 Follow Up

Cunningham, Thomas E <TCunningham@MissouriState.edu>

Thu 4/27/2023 2:18 PM

Bcc: Darren Gallup <dgallup.dadecountyemd@gmail.com>; Barry Endicott <goeverton@netzero.net>; Mark Davis <mark@greenfieldmo.org>; Andy Miller <greenfieldmopublicworks@gmail.com>; Kenneth Snider <mayor@lockwoodmo.com>; Joy Finley <cityclerk@lockwoodmo.com>; Kitty Ayres <ctaylorwhitesell@yahoo.com>; Cassy Farmer <cfarmer@dadeville.k12.mo.us>; Janine Sitton <jsitton@dadeville.k12.mo.us>; Chris Kell <ckell@greenfieldr4.org>; Clay Lasater <clasater@tigersk12.org>; Cindy Cornish <ccornish@tigersk12.org>; Lori Sneed <sneed.brian@yahoo.com>; Kim Kinder <kimkinderdadeco@hotmail.com>; Kim Kinder <dadecocommission@gmail.com>; jlawrence@everstontigers.org <jlawrence@evertontigers.org>; Lisa Thompson <arcolamo@yahoo.com>; Tucker Berry <dacomoplanning@gmail.com>; Gary Banta <firechiefbanta@hotmail.com>; Dade County First Responders <dadecofirstresponders@gmail.com>

 2 attachments (9 MB)

Dade HMP Powerpoint Meeting 2.pptx; Dade County HMP In-kind Time Sheet.pdf;

Good afternoon

Thank you to everyone that was able to attend meeting 2 of the Dade County HMP Update Process. I've attached the powerpoint slides for you to review at your convenience.

The purpose of this meeting was to review the risk assessment portion of the plan and historical records of hazard events within Dade County. This is done to provide context for the next portion of the plan, which is the creation of mitigation actions. As you look over the slides, keep in mind a few questions:

- Which hazards pose the most significant risk to your jurisdiction?
- What facilities and/or areas are most at risk to those hazards?
- Are there any existing mechanisms in place to help mitigate negative consequences?

We'll touch on this a bit more during meetings 3 and 4. At this time, the plan is to hold meeting 3 during the day in May and meeting 4 during the evening in June. This will hopefully allow everyone an opportunity to attend.

As a reminder, please remember to keep recording the time you spend working on anything associated with this plan on the attached timesheet. And if you have not completed your questionnaire, please do so and submit to me as soon as possible. I still need questionnaires for: Dade County, Dadeville, Everton, Lockwood, South Greenfield, Everton Schools, Greenfield Schools, Dade County First Responders, Dade County R-IV Rural Fire, Everton Rural Fire, Lockwood Fire Protection District.

Thomas Cunningham

Associate Planner

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Dade County Hazard Mitigation Plan Update Meeting #3



Tue 5/30/2023 2:00 PM - 3:00 PM



2 N Main St



Red category



15 minutes before ▾



Good afternoon

Please join us for the third Dade County Hazard Mitigation Plan update meeting on Tuesday, May 30th. We'll discuss the mitigation action section of the plan. A lot of important information will be shared during this meeting, so please do your best to attend.

The meeting will be held at 2 North Main Street in Greenfield. The building is located on the northeast corner of the intersection of Main and College Street. Google maps will try to take you to the far north side of the town, so don't use that. Bing maps seems to work though.

As always, if you have any questions please feel free to contact me. Thanks!

Dade County HMP Meeting 3 Follow Up

Cunningham, Thomas E <TCunningham@MissouriState.edu>

Thu 6/1/2023 12:03 PM

To: Darren Gallup <dgallup.dadecountyemd@gmail.com>; Barry Endicott <goeverton@netzero.net>; Mark Davis <mark@greenfieldmo.org>; Andy Miller <greenfieldmopublicworks@gmail.com>; Kenneth Snider <mayor@lockwoodmo.com>; Joy Finley <cityclerk@lockwoodmo.com>; Kitty Ayres <ctaylorwhitesell@yahoo.com>; Cassy Farmer <cfarmer@dadeville.k12.mo.us>; Janine Sitton <jsitton@dadeville.k12.mo.us>; Chris Kell <ckell@greenfieldr4.org>; Clay Lasater <clasater@tigersk12.org>; Cindy Cornish <ccornish@tigersk12.org>; Lori Sneed <sneed.brian@yahoo.com>; Kim Kinder <kimkinderdadeco@hotmail.com>; Kim Kinder <dadecocommission@gmail.com>; jlawrence@everstontigers.org <jlawrence@everstontigers.org>; Lisa Thompson <arcolamo@yahoo.com>; Tucker Berry <dacomopanning@gmail.com>; Gary Banta <firechiefbanta@hotmail.com>; Dade County First Responders <dadecofirstresponders@gmail.com>; Jim Hankins <jhankins240@yahoo.com>; tim@greenfieldmo.org <tim@greenfieldmo.org>; daveengroff32@gmail.com <daveengroff32@gmail.com>; citysuperintendent@lockwoodmo.com <citysuperintendent@lockwoodmo.com>; rockandfarm@yahoo.com <rockandfarm@yahoo.com>; Lori Sneed <lsneed@dadecountymo911.gov>; roosternjohnboy@yahoo.com <roosternjohnboy@yahoo.com>; vosgreenfield@yahoo.com <vosgreenfield@yahoo.com>; dadeco@missouri.edu <dadeco@missouri.edu>

📎 4 attachments (14 MB)

HMA Program and Policy Guide.pdf; Mitigation Ideas.pdf; Dade County HMP Presentation 3.pptx; Dade County HMP In-kind Time Sheet.pdf;

Good afternoon

Thank you to everyone that attended the third Dade County HMP meeting on Wednesday. I've attached the powerpoint slides for you to review at your convenience. The main intent of the meeting was to provide a bit of context on what a mitigation action is, how to create them, sample actions, inspiration for new actions, etc.

I've also attached the two FEMA documents that we covered - *Mitigation Ideas* and *HMA Program and Policy Guide*. Both of these documents contain information that will make the process of creating mitigation actions much easier for you.

- *Mitigation Ideas* - This document profiles all types of hazards (except dam failure) and provides a list of sample actions you can implement to address those hazards.
- *HMA Program and Policy Guide* - This document provides a complete overview of FEMA's Hazard Mitigation Assistance Program, grant requirements, eligibility, etc. Since it's a comprehensive document, it's very long (600+ pages). You're welcome to read through the entire thing, but there is a specific table on page 72 that's very helpful. This table shows a list of eligible projects and which grant source they fall under. The section immediately following it provides a more detailed description of those projects.

I strongly recommend reviewing these two documents as you develop your list of mitigation actions. **Remember, if you did not participate in the previous plan update, then you must develop a new set of mitigation actions. If you did participate in the previous plan update, then it is strongly recommended that you try to include at least a few new actions, especially if it's a project that you want to submit a grant application for.**

A few additional reminders:

- **If you have not already submitted your questionnaire, then it needs to be your number 1 priority.** This includes Dadeville, Everton, Greenfield R-IV, Dade County First Responders, Dade

County R-IV Rural Fire Protection District, Everton Rural Fire Department, and Lockwood Fire Protection District.

- I have already sent Action and STAPLEE Sheets to some jurisdictions. If you have not received yours yet, I will be reaching out to you shortly.
- The next meeting is tentatively scheduled for **June 29 at 2 pm at the same location in Greenfield.** I'll send out the formal invitation later.
- Please remember to document any time you spend working on this project on the attached timesheet. This includes time spent working on the questionnaire, Action/STAPLEE sheets, attending meetings, etc.

If you have any questions, please don't hesitate to contact me. Thank you

Thomas Cunningham

Associate Planner

Southwest Missouri Council of Governments

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Dade County Hazard Mitigation Plan Update Meeting #4

Cunningham, Thomas E <TCunningham@MissouriState.edu>

Fri 6/16/2023 12:08 PM

To: Darren Gallup <dgallup.dadecountyemd@gmail.com>; Barry Endicott <goeverton@netzero.net>; Mark Davis <mark@greenfieldmo.org>; Andy Miller <greenfieldmopublicworks@gmail.com>; Kenneth Snider <mayor@lockwoodmo.com>; Joy Finley <cityclerk@lockwoodmo.com>; Kitty Ayres <ctaylorwhitesell@yahoo.com>; Cassy Farmer <cfarmer@dadeville.k12.mo.us>; Janine Sitton <jsitton@dadeville.k12.mo.us>; Chris Kell <ckell@greenfieldr4.org>; Clay Lasater <clasater@tigersk12.org>; Cindy Cornish <ccornish@tigersk12.org>; Lori Sneed <sneed.brian@yahoo.com>; Kim Kinder <kimkinderdadeco@hotmail.com>; Kim Kinder <dadecocommission@gmail.com>; jlawrence@everstontigers.org <jlawrence@everstontigers.org>; Lisa Thompson <arcolamo@yahoo.com>; Tucker Berry <dacomplanning@gmail.com>; Gary Banta <firechiefbanta@hotmail.com>; Dade County First Responders <dadecofirstresponders@gmail.com>

Good afternoon

Please join us for the fourth Dade County Hazard Mitigation Plan update meeting on Tuesday, June 29th. We will review more of the mitigation action section of the plan. I strongly encourage everyone to attend that has any questions about mitigation actions or your Action/STAPLEE Sheets. I'll be happy to help you complete the forms at this meeting.

The meeting will be held at 2 North Main Street in Greenfield. The building is located on the northeast corner of the intersection of Main and College Street. Google maps will try to take you to the far north side of the town, so don't use that. Bing maps seems to work though.

As always, if you have any questions please feel free to contact me. Thanks!

Dade County HMP Meeting 4 Follow Up

Cunningham, Thomas E <TCunningham@MissouriState.edu>

Wed 7/5/2023 12:29 PM

To: Darren Gallup <dgallup.dadecountyemd@gmail.com>; Barry Endicott <goeverton@netzero.net>; Mark Davis <mark@greenfieldmo.org>; Andy Miller <greenfieldmopublicworks@gmail.com>; Kenneth Snider <mayor@lockwoodmo.com>; Joy Finley <cityclerk@lockwoodmo.com>; Kitty Ayres <ctaylorwhitesell@yahoo.com>; Cassy Farmer <cfarmer@dadeville.k12.mo.us>; Janine Sitton <jsitton@dadeville.k12.mo.us>; Chris Kell <ckell@greenfieldr4.org>; Clay Lasater <clasater@tigersk12.org>; Cindy Cornish <ccornish@tigersk12.org>; Lori Sneed <sneed.brian@yahoo.com>; Kim Kinder <kimkinderdadeco@hotmail.com>; Kim Kinder <dadecocommission@gmail.com>; jlawrence@everstontigers.org <jlawrence@everstontigers.org>; Lisa Thompson <arcolamo@yahoo.com>; Tucker Berry <dacomopanning@gmail.com>; Gary Banta <firechiefbanta@hotmail.com>; Dade County First Responders <dadecofirstresponders@gmail.com>

 6 attachments (14 MB)

Dade County HMP Presentation 4.pptx; ~HMA Policy Guide (New).pdf; ~Mitigation Ideas.pdf; Dade County HMP In-kind Time Sheet.xls; Dade County HMP In-kind Time Sheet.pdf; Dade County HMP In-kind Time Sheet.pdf;

Good afternoon

Thank you to everyone who was able to attend the 4th Dade County HMP Meeting last week. I've attached the powerpoint slides for you to review at your convenience.

The main thing we covered during this meeting was the mitigation actions. There is a change to this process, though. FEMA published new guidelines that state that each participating jurisdiction needs to include at least one mitigation action for each identified hazard within their community. Since this is a new guideline, we're still working with FEMA on making sure we address it properly. There are some instances where multiple hazards can be covered in one action, but other times we'll need to single out a hazard in its own action. I'll review everyone's mitigation actions and reach out to you individually if changes need to be made.

A couple additional reminders:

- Please remember to record ALL the time you spend working on this project, including the questionnaire, action/staplee sheets/attending meetings/passing the adoption resolution/etc. If you have multiple people working on this project, each person can submit a timesheet
- Speaking of adoption resolutions, I will have a template version sent to everyone this week. You will need to have it passed by your governing body and sent back to me. This shows that you went through the planning process, you understand the hazards your community faces, and you will do your best to address those hazards
- If you sent me your list of mitigation actions, you should have received your action/staplee sheets. **Please have these completed and sent to me by July 28th.**

If you have any questions, please don't hesitate to contact me. Thank you

Thomas Cunningham

Associate Planner

Southwest Missouri Council of Governments

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Dade County HMP Meeting 5 Follow Up

Cunningham, Thomas E <TCunningham@MissouriState.edu>

Thu 8/10/2023 2:52 PM

To: Darren Gallup <dgallup.dadecountyemd@gmail.com>; Barry Endicott <goeverton@netzero.net>; Mark Davis <mark@greenfieldmo.org>; Andy Miller <greenfieldmopublicworks@gmail.com>; Kenneth Snider <mayor@lockwoodmo.com>; Joy Finley <cityclerk@lockwoodmo.com>; Kitty Ayres <ctaylorwhitesell@yahoo.com>; Cassy Farmer <cfarmer@dadeville.k12.mo.us>; Janine Sitton <jsitton@dadeville.k12.mo.us>; Chris Kell <ckell@greenfieldr4.org>; Clay Lasater <clasater@tigersk12.org>; Cindy Cornish <ccornish@tigersk12.org>; Lori Sneed <sneed.brian@yahoo.com>; Kim Kinder <kimkinderdadeco@hotmail.com>; Kim Kinder <dadecocommission@gmail.com>; jlawrence@everstontigers.org <jlawrence@everstontigers.org>; Lisa Thompson <arcolamo@yahoo.com>; Tucker Berry <dacomopanning@gmail.com>; Gary Banta <firechiefbanta@hotmail.com>; Dade County First Responders <dadecofirstresponders@gmail.com>

 3 attachments (13 MB)

Dade County HMP Presentation 5.pptx; ~HMA Policy Guide.pdf; ~Mitigation Ideas.pdf;

Good afternoon

Thank you to everyone who attended the fifth and final Dade County HMP Update meeting on Tuesday. I've attached the powerpoint slides for you to review at your convenience. I've also attached the Hazard Mitigation Assistance Policy Guide (the table on page 72 shows which projects are eligible under each grant program) and Mitigation Ideas document (this provides multiple mitigation actions for each hazard we've discussed). Both documents are extremely useful as this plan progresses to the maintenance portion.

I also want to reiterate a few reminders:

- **All required documents (questionnaire, action/STAPLEE sheets, timesheets, and adoption resolution) must be completed in order to be included in the final plan.** For example, if you complete the questionnaire and adoption resolution, but you do not submit your action and STAPLEE sheets, then your jurisdiction will not be part of the plan. I sent out reminders recently to any jurisdictions with missing documents. Please make sure you get these in on time. I would hate to have to remove anyone from the final draft.
- The first draft is due to SEMA on September 1st. Once they approve the plan, it moves to FEMA for final approval. I'll send a notice out to everyone once the plan receives final approval.

Please let me know if you have any questions. Thank you!

Thomas Cunningham

Associate Planner

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Dade County Hazard Mitigation Plan Update Meeting #5

Cunningham, Thomas E <TCunningham@MissouriState.edu>

Mon 7/24/2023 11:10 AM

Bcc:Darren Gallup <dgallup.dadecountyemd@gmail.com>; Barry Endicott <goeverton@netzero.net>; Mark Davis <mark@greenfieldmo.org>; Andy Miller <greenfieldmopublicworks@gmail.com>; Kenneth Snider <mayor@lockwoodmo.com>; Joy Finley <cityclerk@lockwoodmo.com>; Kitty Ayres <ctaylorwhitesell@yahoo.com>; Cassy Farmer <cfarmer@dadeville.k12.mo.us>; Janine Sitton <jsitton@dadeville.k12.mo.us>; Chris Kell <ckell@greenfieldr4.org>; Clay Lasater <clasater@tigersk12.org>; Cindy Cornish <ccornish@tigersk12.org>; Lori Sneed <sneed.brian@yahoo.com>; Kim Kinder <kimkinderdadeco@hotmail.com>; Kim Kinder <dadecocommission@gmail.com>; jlawrence@everstontigers.org <jlawrence@everstontigers.org>; Lisa Thompson <arcolamo@yahoo.com>; Tucker Berry <dacomopanning@gmail.com>; Gary Banta <firechiefbanta@hotmail.com>; Dade County First Responders <dadecofirstresponders@gmail.com>

Good morning everyone

The fifth (and final!) Dade County HMP update meeting will take place on Tuesday, August 8th, at 2 pm. The meeting will be at 2 North Main Street in Greenfield. The building is located on the northeast corner of the intersection of Main and College Street.

We will review more of the mitigation actions section of the plan, as well as implementation and plan maintenance.

As a reminder, your action/STAPLEE sheets are due by July 28 and your adoption resolution is due by August 18th.

I hope to see everyone at the meeting. Thank you!

Dade County Hazard Mitigation Plan Update Kick-Off Meeting

March 29, 2023

Thomas Cunningham

Associate Planner

Southwest Missouri Council of Governments



Outline

- Introduction to Hazard Mitigation
- The Planning Process
- Participation Requirements



What is Hazard Mitigation and why is it important?

- Mitigation – taking action NOW to reduce or eliminate long-term risk to human life and property from hazard events.
 - Examples – FEMA tornado shelters, low water crossing improvements, policies limiting construction in flood plain areas, river bank improvements
- Mitigation Planning – process for communities to...
 - Identify hazards to which they are at risk
 - Assess the potential impact
 - Develop goals, objectives, and actions to reduce impacts; and
 - Prioritize and implement mitigation actions

Low Water Crossing Replacement

Before Mitigation



After Mitigation



Flood Buyouts

Before Mitigation



After Mitigation



What is Hazard Mitigation and why is it important?

- Costs rising from natural disasters
 - Increased development – more exposure
 - Increased cost to the federal government
 - Increased frequency of natural disasters

What is Hazard Mitigation and why is it important?

- Reduction in loss of lives
- Reduction in property damage
- Reduction in lost essential services
- Reduction in loss of critical facilities and infrastructure
- Reduction in economic disruption
- Planning for an emergency saves lives, time, and money!



The Disaster Mitigation Act of 2000

- Required by law for local governments to develop a hazard mitigation plan in order to receive funding for mitigation projects.
 - Funds available – 75/25
 - **Hazard Mitigation Grant Program (HMGP)** - Assists in implementing long-term hazard mitigation planning and projects following a presidential major disaster declaration. Released after a Presidential Disaster Declaration
 - **Building Resilient Infrastructure & Communities (BRIC)** – Support for states, local communities, tribes, and territories as they undertake hazard mitigation projects, reducing the risks they face from disasters and natural hazards. Annual funding
 - **Flood Mitigation Assistance (FMA)** – Provides funds for planning and projects to reduce or eliminate risk of flood damage to buildings that are insured annually under the National Flood Insurance Program. Annual funding
- Mitigation plans must be updated every five years to be eligible for mitigation funding



The Planning Process



9 Tasks in the Planning Process

- Task 1: Determine the Planning Area and Resources → **Completed**
- Task 2: Build the Planning Team → **YOU ARE THE TEAM!**
- Task 3: Create an Outreach Strategy → **Today**
- Task 4: Review Community Capabilities → **Questionnaire**
- Task 5: Conduct a Risk Assessment → **Meeting #2**
- Task 6: Develop a Mitigation Strategy → **Meetings #3 and #4**
- Task 7: Review and Adopt the Plan → **Meeting #5 and on your own**
- Task 8: Keep the Plan Current → **That's YOU!**
- Task 9: Create a Safe and Resilient Community → **That's YOU!**



Planning Committee

- As part of the Mitigation Planning Committee, you will:
 - Help develop the plan
 - Identify mitigation goals
 - Identify mitigation actions
 - Review the draft plan



Outreach Strategy

- Public Meetings
- Survey
 - Where do you live?
 - What school district?
 - Have you been impacted by a disaster?
 - Opinion on the likelihood of a disaster
 - Concern of disaster impact
 - Types of mitigation projects they support

Risk Assessment

Natural Hazards

- Dam Failure
- Drought
- Earthquake
- Extreme Temperatures
- Flooding
- Land Subsidence (Sinkholes)
- Severe Thunderstorms
- Severe Winter Weather
- Tornado
- Wildfire

Hazard Profile

- Hazard Description
- Geographic Location
- Severity/Magnitude/Extent
- Previous Occurrences
- Probability of Future Occurrences

Vulnerability Assessment

- Vulnerability Overview
- Potential Losses to Existing Development
- Impact of Previous and Future Development
- Hazard Summary by Jurisdiction

Problem Statement



Develop Mitigation Strategies

- Reference completed questionnaires
- Risk Assessment
- Current needs of community
- Identify strengths and weaknesses



Review and Prioritize Mitigation Actions

- STAPLEE score
 - Social
 - Technical
 - Administrative
 - Political
 - Legal
 - Economic Environmental
- Prioritizes and determines feasibility



STAPLEE Worksheet		
Name of Jurisdiction:		
Action or Project		
Action/Project Number:	Insert a unique action number for this action for future tracking purposes. This can be a combination of the jurisdiction name, followed by the goal number and action number (i.e. Joplin1.1)	
Name of Action or Project:		
Mitigation Category:	Prevention; Structure and Infrastructure Projects; Natural Systems Protection; Education and Outreach; Emergency Services	
STAPLEE Criteria	Evaluation Rating	Score
	Definitely YES = 3 Probably YES = 2 Probably NO = 1 NO = 0	Maybe YES = Definitely
S: Is it S ocially Acceptable		
T: Is it T echnically feasible and potentially successful?		
A: Does the jurisdiction have the A dministrative capacity to execute this action?		
P: Is it P olitically acceptable?		
L: Is there L egal authority to implement?		
E: Is it E conomically beneficial?		
E: Will the project have either a neutral or positive impact on the natural E nvironment?		
Will historic structures be saved or protected?		
Could it be implemented quickly?		
STAPLEE SCORE		
Mitigation Effectiveness Criteria	Evaluation Rating	Score
Will the implemented action result in lives saved?	Assign from 5-10 points based on the likelihood that lives will be saved.	
Will the implemented action result in a reduction of disaster damages?	Assign from 5-10 points based on the relative reduction of disaster damages.	
MITIGATION EFFECTIVENESS SCORE		
TOTAL SCORE (STAPLEE + Mitigation Effectiveness)		
High Priority (30+ points)	Medium Priority (25 - 29 points)	Low Priority (<25 points)

Completed by
(Name, Title, Phone Number) _____

Adoption Resolution

- Each participating jurisdiction is required to adopt hazard plan
 - Signed by a certified official
- Mail, email, or fax will be acceptable



City of Buffalo

RESOLUTION NO. _____

A RESOLUTION OF THE City of Buffalo ADOPTING THE DALLAS COUNTY MULTI-JURISDICTIONAL HAZARD MITIGATION *PLAN*

WHEREAS the City of Buffalo recognizes the threat that natural hazards pose to people and property within the City of Buffalo; and

WHEREAS the City of Buffalo has participated in the preparation of a multi-hazard mitigation plan, hereby known as the Dallas County Multi-Jurisdictional Hazard Mitigation Plan, hereafter referred to as the *Plan*, in accordance with the Disaster Mitigation Act of 2000; and

WHEREAS the *Plan* identifies mitigation goals and actions to reduce or eliminate long-term risk to people and property in the City of Buffalo from the impacts of future hazards and disasters; and

WHEREAS the City of Buffalo recognizes that land use policies have a major impact on whether people and property are exposed to natural hazards, the City of Buffalo will endeavor to integrate the *Plan* into the comprehensive planning process and

WHEREAS adoption by the City of Buffalo demonstrates their commitment to hazard mitigation and achieving the goals outlined in the *Plan*

NOW THEREFORE, BE IT RESOLVED BY THE City of Buffalo, in the State of Missouri, THAT:
In accordance with the City of Buffalo Board, the City of Buffalo adopts the final FEMA-approved plan.

ADOPTED by a vote of ____ in favor and ____ against, and ____ abstaining, this ____ day of _____.

By (Sig): _____

Print name: _____

ATTEST:

By (Sig.): _____

Print name: _____

APPROVED AS TO FORM:

By (Sig.): _____

Print name: _____

Keep the Plan Current & Create a Safe Community

- FEMA requires a formal plan maintenance process to ensure that the mitigation plan remains an active and relevant document
- Your jurisdiction and County Emergency Management Officials
- Review plan and strategies annually

Participation Requirements



2019 Participation

- Dade County
- City of Everton
- City of Greenfield
- City of Lockwood
- Village of Arcola
- Village of South Greenfield
- Lockwood R-I School District
- Dadeville R-II School District
- Greenfield R-IV School District
- Dade County R-IV Fire Protection District
- Dadeville Rural Fire Protection District



Participation Requirements

- In order to officially participate, a jurisdiction must:
 - Complete all required documents (Capabilities Assessment Questionnaire, STAPLEE Sheets, and Action Sheets)
 - A representative must attend at least two meetings
 - Record in-kind time and complete timesheets
 - Adopt the Hazard Mitigation Plan
- Participation makes your jurisdiction eligible to apply for mitigation funds through FEMA



Mitigation Plan Funding

- SEMA covers 75% of the cost
- Grants require a 25% non-federal match
 - Local cash match
 - In-kind time and effort



Time Sheets

- Fill out accurately
- Keep track of hours and mileage
 - Round up
- Elected officials MAY NOT count their time

IN-KIND DOCUMENTATION
Multi-Jurisdictional Hazard Mitigation Plan

Reporting Month:

LABOR			
Date	Service Performed	Hours	Mileage (Roundtrip)
Total		0	0

Organization:
 Employee Name:
 Employee Title:
 Hourly Rate: Total Labor Charge:
 Mileage Rate: Total Mileage Charge:

Comments: _____

 Employee Signature

 Supervisor Signature



Questionnaire



Multi-Jurisdictional Hazard Mitigation Plan Data Collection Questionnaire For Local Governments

County: Dade _____

Jurisdiction: Dade County _____

Return by: **Friday, April 14, 2023** _____

Please complete this data collection questionnaire as accurately and completely as possible as this information will appear in the mitigation plan. A data collection questionnaire must be completed for each "jurisdiction" that wishes to be included in the plan. According to FEMA's definition a jurisdiction is any local government, including counties, municipalities, cities, towns, school districts, special districts, councils of government, and tribal organizations. Any of these entities as well as publicly funded colleges and universities that do not participate in the planning process **will not** be eligible applicants for FEMA mitigation funding programs. Please note: School Districts and other Educational Institutions should complete the Data Collection Questionnaire indicated "For School Districts and Educational Institutions".

Prepared by: _____

Phone: _____

Email: _____

Date: _____

Please return questionnaires by email to TCunningham@MissouriState.edu

Thank you for your time!

Any questions?



Contact Information

Thomas Cunningham

Associate Planner

417-836-5281

TCunningham@MissouriState.edu



For more information, visit our website

www.smcog.org

Dade County Hazard Mitigation Plan Update Meeting #2

April 25, 2023

Thomas Cunningham

Associate Planner

Southwest Missouri Council of Governments



Outline

- Participation overview
- Process recap
- Risk assessment
- Mitigation strategies preview



Local Plan Participation

- Attend a minimum of 2 Mitigation Planning Committee meetings
- Documentation of Time and Effort
- Complete Capabilities Survey Questionnaire
- Complete Mitigation Actions and STAPLEE Sheets
- Adoption of the Hazard Mitigation Plan



Time & Effort Reporting

- Hourly rate for volunteer time in Missouri:
 - \$27.21
- Federal mileage rate:
 - 0.65¢ per mile



Dallas County Jurisdiction Participation Information

	2019 Plan Participant?	Meeting Attendance							
Jurisdiction		mtg 1	mtg 2	mtg 3	mtg 4	mtg 5	Questionnaire	Time Sheet(s)	Adoption Resolution
Dade County	y	x						1	
City of Dadeville	n								
City of Everton	y								
City of Greenfield	y	x					x	1	x
City of Lockwood	y	x						2	
Village of Arcola	y	x						1	
Village of South Greenfield	y								
School Districts									
Dadeville R-II	y						x		
Everton R-III	n								
Greenfield R-IV	y	x						1	
Lockwood R-I	y						x		
Special Districts									
Dade County Emergency Services 911	n						x		
Dade County First Responders	n								
Dade County R-IV Rural Fire Protection District	y	x						1	
Dadeville Rural Fire Protection District	y						x		
Everton Rural Fire Protection District	n								
Lockwood Fire Protection District	n	x						2	
Stakeholders									

Risk Assessment

- Measures potential loss of life, personal injury, economic injury, and property damage resulting from natural hazard events by assessing the vulnerability of people, buildings, and infrastructure to natural hazards
- Evaluates the degree to which injuries and damages may occur
- Provides the foundation for the rest of the mitigation planning process



Hazards Identified

- Flooding
- Dam Failure
- Earthquake
- Land Subsidence/Sinkholes
- Drought
- Extreme Temperature
- Severe Thunderstorm/High Winds/Lightning/Hail
- Severe Winter Weather
- Tornado
- Wildfire

Vulnerability

- Which hazards is your jurisdiction most at risk?
- What facilities and/or areas are most at risk to those hazards?
- Are there any existing mechanisms in place to help mitigate negative consequences?

Hazard Identification and Vulnerability

- Code of Federal Regulations Title 44 Emergency Management and Assistance Part §201.6
 - (c) Plan content. The plan shall include the following:
 - (i) A description of the type, location, and extent of all natural hazards that can affect the jurisdiction
 - The plan shall include information on previous occurrences of hazard events and on the probability of future hazard events
 - (ii) A description of the jurisdiction's vulnerability to the hazards described in paragraph (c)(2)(i) of this section; This description shall include an overall summary of each hazard and its impact on the community

Dade County Disaster Declarations 2000-Present (19)

Disaster Number	Description	Declaration Date	Incident Period
1412	Severe Storms, Tornadoes, and Flooding	May 6 th , 2002	Apr 24 – Jun 10, 2002
1463	Severe Storms, Tornadoes, and Flooding	May 6 th , 2003	May 4 – May 30, 2003
3232	Hurricane Katrina Evacuation	Sep 10 th , 2005	Aug 29 – Oct 1, 2005
1676	Severe Winter Storms and Flooding	Jan 15, 2007	Jan 12 – Jan 22, 2007
1728	Severe Storms and Flooding	Sept 21, 2007	Aug 19, 2007 – Aug 21, 2007
3281	Severe Winter Storms	Dec 12, 2007	Dec 8, 2007 – Dec 15, 2007
1736	Severe Winter Storms	Dec 27, 2007	Dec 6, 2007 – Dec 15, 2007
1749	Severe Storms and Flooding	Mar 19, 2008	Mar 17 – May 9, 2008
3303	Severe Winter Storm	Jan 30, 2009	Jan 26 – Jan 28, 2009
1847	Severe Storms, Tornadoes, and Flooding	June 19, 2009	May 8, 2009 – May 16, 2009
3317	Severe Winter Storm	Feb 3, 2011	Jan 31 – Feb 5, 2011
1961	Severe Winter Storm and Snowstorm	Mar 23, 2011	Jan 31 – Feb 5, 2011
4414	Severe Storms, Straight-Line Winds, and Flooding	Sept 6, 2013	Aug 2, 2013 – Aug 14, 2013
4238	Severe Storms, Tornadoes, Straight-Line Winds, Flooding	Aug 7, 2015	May 15 – Jul 27, 2015
4250	Severe Storms, Tornadoes, Straight-Line Winds, Flooding	Jan 21, 2016	Dec 23, 2015 – Jan 9, 2016
4317	Severe Storms, Tornadoes, Straight-Line Winds, Flooding	Jun 2, 2017	Apr 28 – May 11, 2017
4451	Severe Storms, Tornadoes, and Flooding	July 9, 2019	Apr 29, 2019 to Jul 6, 2019
3482	COVID-19	Mar 13, 2020	Jan 20, 2020 – Continuing
4490	COVID-19 Pandemic	Mar 26, 2020	Jan 20, 2020 – Continuing



National Centers for Environmental Information

<https://www.ncdc.noaa.gov/stormevents/>



Storm Events Database

Data Access

- [Search](#)
- [Bulk Data Download \(CSV\)](#)
- [Storm Data Publication](#)

Documentation

- [Database Details](#)
- [Version History](#)
- [Storm Data FAQ](#)
- [NOAA's NWS Documentation](#)
- [Tornado EF Scale](#)

External Resources

- [NOAA's SPC Reports](#)
- [NOAA's SPC WCM Page](#)
- [NOAA's NWS Damage](#)
- [Assessment Toolkit](#)
- [NOAA's Tsunami Database](#)
- [ESRI/FEMA Civil Air Patrol Images](#)
- [SHELDUS](#)
- [USDA Cause of Loss Data](#)

Storm Events Database

Data available from 01/1950 to 05/2022.

Select the year 'Any' to search across all years in the database for the selected day and month range.

State/Area:

Begin Date: / /

End Date: / /

County:

- All --
- Adair
- Andrew
- Atchison
- Audrain
- Barry
- Barton
- Bates
- Benton
- Bollinger

Event Type(s):

- All Events --
- Astronomical Low Tide
- Avalanche
- Blizzard
- Coastal Flood
- Cold/Wind Chill
- Debris Flow
- Dense Fog
- Dense Smoke
- Drought
- Dust Devil
- Dust Storm
- Excessive Heat
- Extreme Cold/Wind Chill
- Flash Flood
- Flood

[Advanced Search and Filter Options](#)

Search

More information on Counties, Zones and Event Types...

Storm Data are geographically categorized by County or by NWS Forecast Zone. Smaller (areal coverage) are collected by county (Tornado, Thunderstorm Winds, Flash Floods and Hail) while larger scale events are collected by forecast zone (Heat, Cold, Drought, Flood, Tropical & Winter Weather).

Each event type listed below are also listed with their collection type (County or Zone). All searches are by county. For zone-based events, all zones intersecting or within a selected county will be returned from a search.

The county selection list is built from the events recorded in the Storm Events Database. An unlisted county means that no records are present.

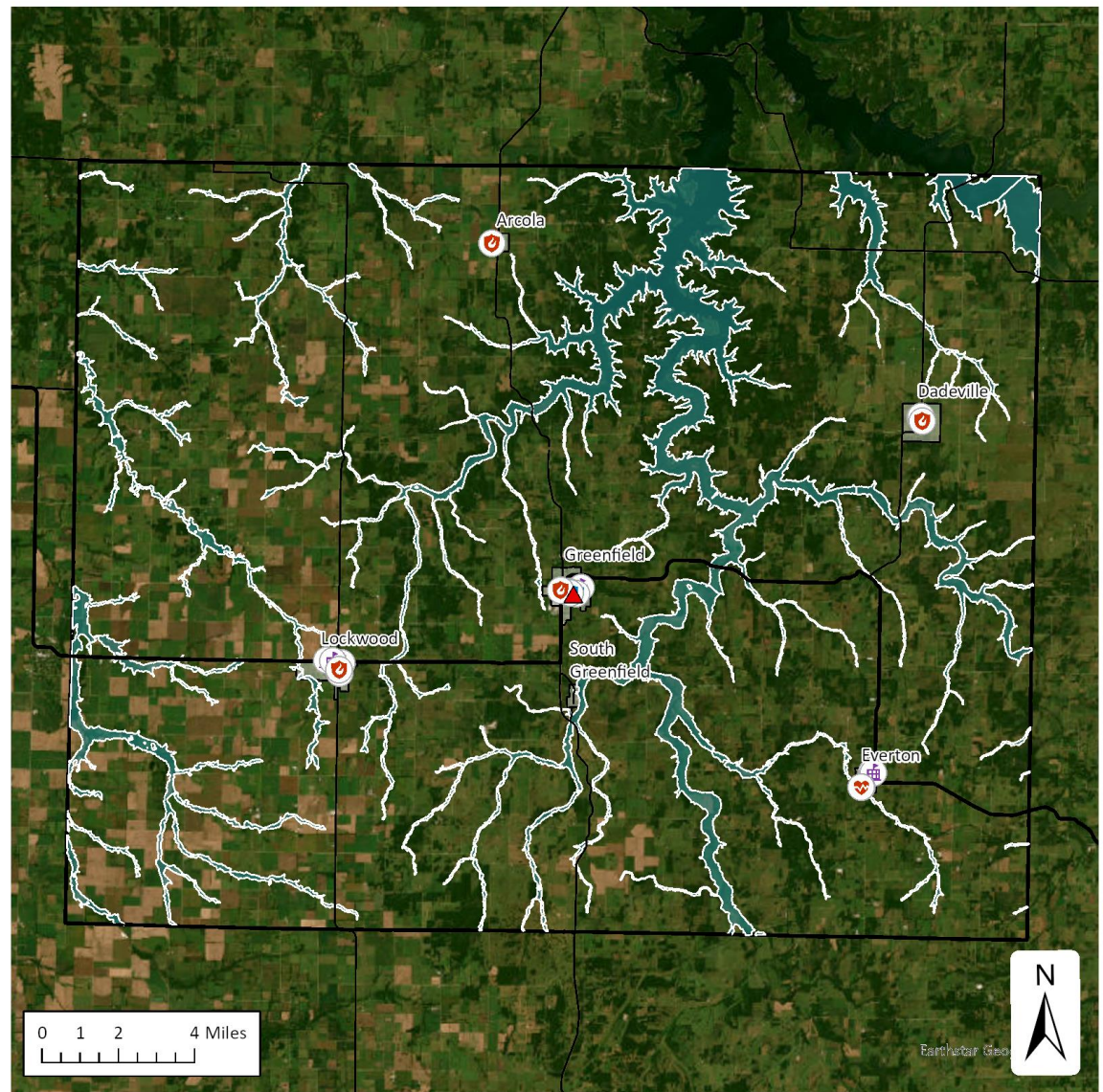
Identified Hazard: Flood and Flash Flood

- **Flood**

- 12 occurrences from 2003-2022
- No property/crop damage
- No deaths/injuries

- **Flash Flood**

- 36 occurrences from 2003-2022
- \$3,120,000 in property damage, no crop damage
- 1 death, no injuries



Identified Hazard: Flood and Flash Flood

Flood

Year	Events	Deaths	Injuries	Property Damage	Crop Damage
2003	-	-	-	-	-
2004	-	-	-	-	-
2005	2	0	0	\$0	\$0
2006	-	-	-	-	-
2007	1	0	0	\$0	\$0
2008	1	0	0	\$0	\$0
2009	-	-	-	-	-
2010	-	-	-	-	-
2011	-	-	-	-	-
2012	-	-	-	-	-
2013	-	-	-	-	-
2014	-	-	-	-	-
2015	-	-	-	-	-
2016	-	-	-	-	-
2017	-	-	-	-	-
2018	1	0	0	\$0	\$0
2019	1	-	-	-	-
2020	1	-	-	-	-
2021	1	-	-	-	-
2022	4	-	-	-	-
Total	12	0	0	\$0	\$0



Identified Hazard: Flood and Flash Flood

Flash Flood

Year	Events	Deaths	Injuries	Property Damage	Crop Damage
2003	-	-	-	-	-
2004	-	-	-	-	-
2005	4	0	0	\$0	\$0
2006	1	0	0	\$0	\$0
2007	9	0	0	\$2,300,000	\$0
2008	4	0	0	\$100,000	\$0
2009	2	0	0	\$0	\$0
2010	1	0	0	\$0	\$0
2011	-	-	-	-	-
2012	-	-	-	-	-
2013	4	0	0	\$200,000	\$0
2014	1	0	0	\$0	\$0
2015	1	0	0	\$10,000	\$0
2016	1	0	0	\$0	\$0
2017	3	0	0	\$500,000	\$0
2018	-	-	-	-	-
2019	1	0	0	0	0
2020	1	0	0	0	0
2021	-	-	-	-	-
2022	3	1	0	\$10,000	\$0
Total	36	1	0	\$3,120,000	\$0



Identified Hazard: Dam Failure

MDNR Dam Hazard Classification Definitions	
Hazard Class	Definition
Class I	The area downstream from the dam that would be affected by inundation contains ten (10) or more permanent dwellings or any public building. Inspection of these dams must occur every two years
Class II	The area downstream from the dam that would be affected by inundation contains one to nine permanent dwelling, or one (1) or more campgrounds with permanent water, sewer and electrical services or one (1) or more industrial buildings. Inspection of these dams must occur once every three years.
Class III	The area downstream from the dam that would be affected by inundation does not contain any of the structures identified for Class I or Class II dams. Inspection of these dams must occur once every five years

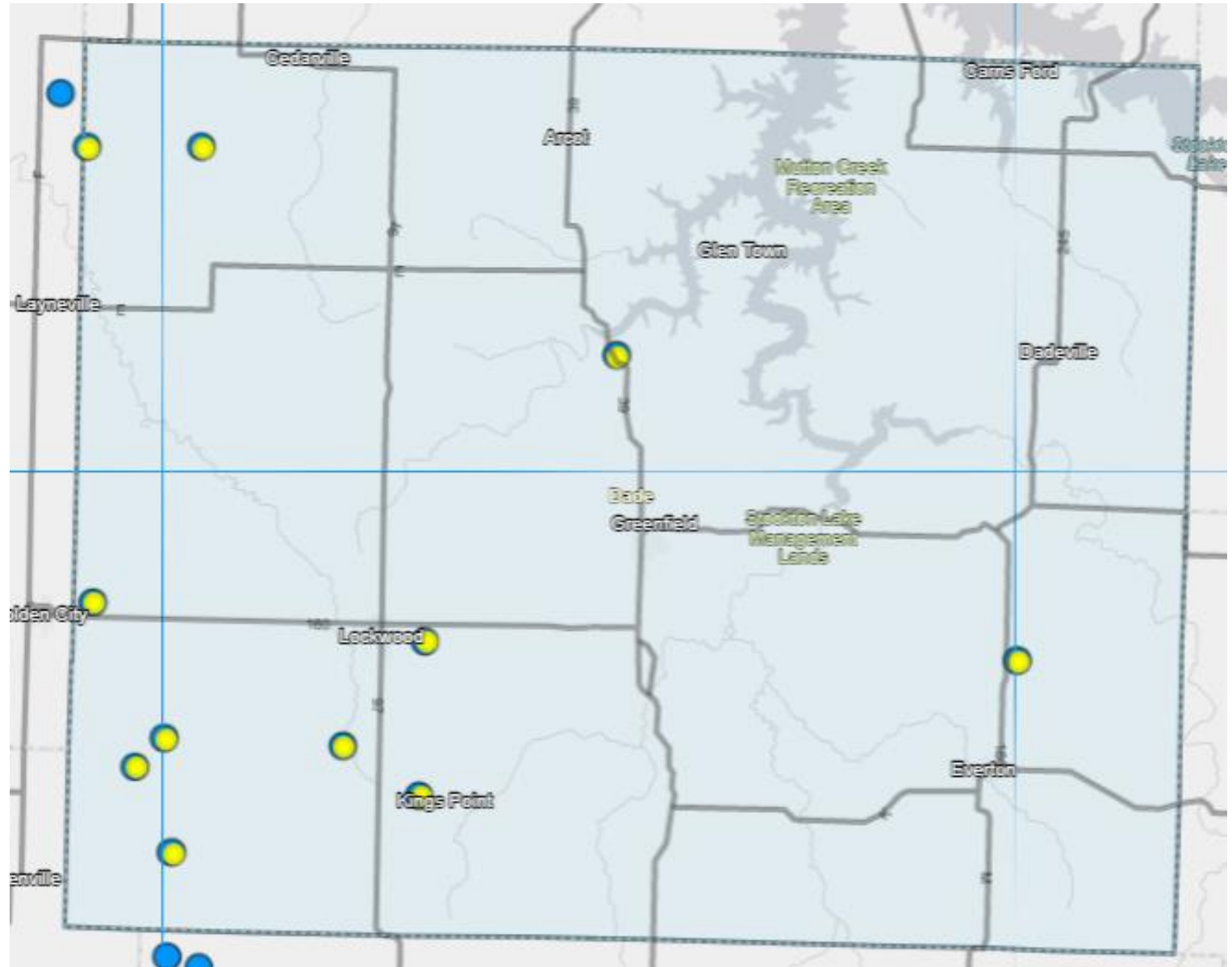
National Inventory of Dams Hazard Classification Definitions	
Hazard Class	Definition
Low Hazard	Failure results in only minimal property damage.
Significant Hazard	Failure could possibly result in the loss of life and appreciable property damage.
High Hazard	If the dam were to fail, lives would be lost and extensive property damage could result.



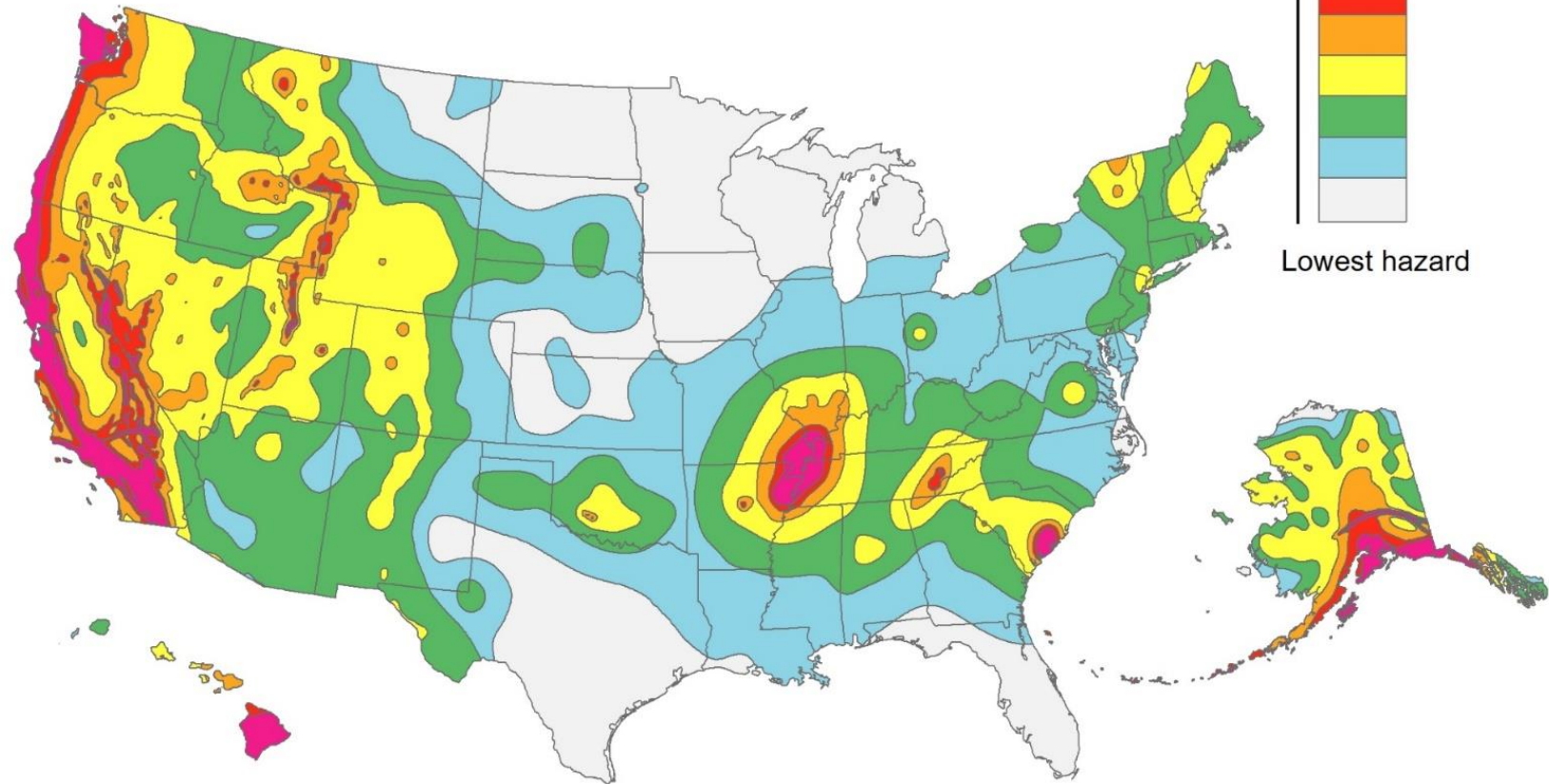
There is not a direct correlation between the State Hazard classification and the NID classifications. However, most dams that are in the State’s Classes I and II are considered NID High Hazard Dams.

Identified Hazard: Dam Failure

- 11 NID (National Inventory of Dams) dams in Dallas County
 - 1 significant hazard, 10 low hazard
- According to the 2018 State HMP, there are 0 accounts of previous dam failure
- Any local known risks of dam failure?

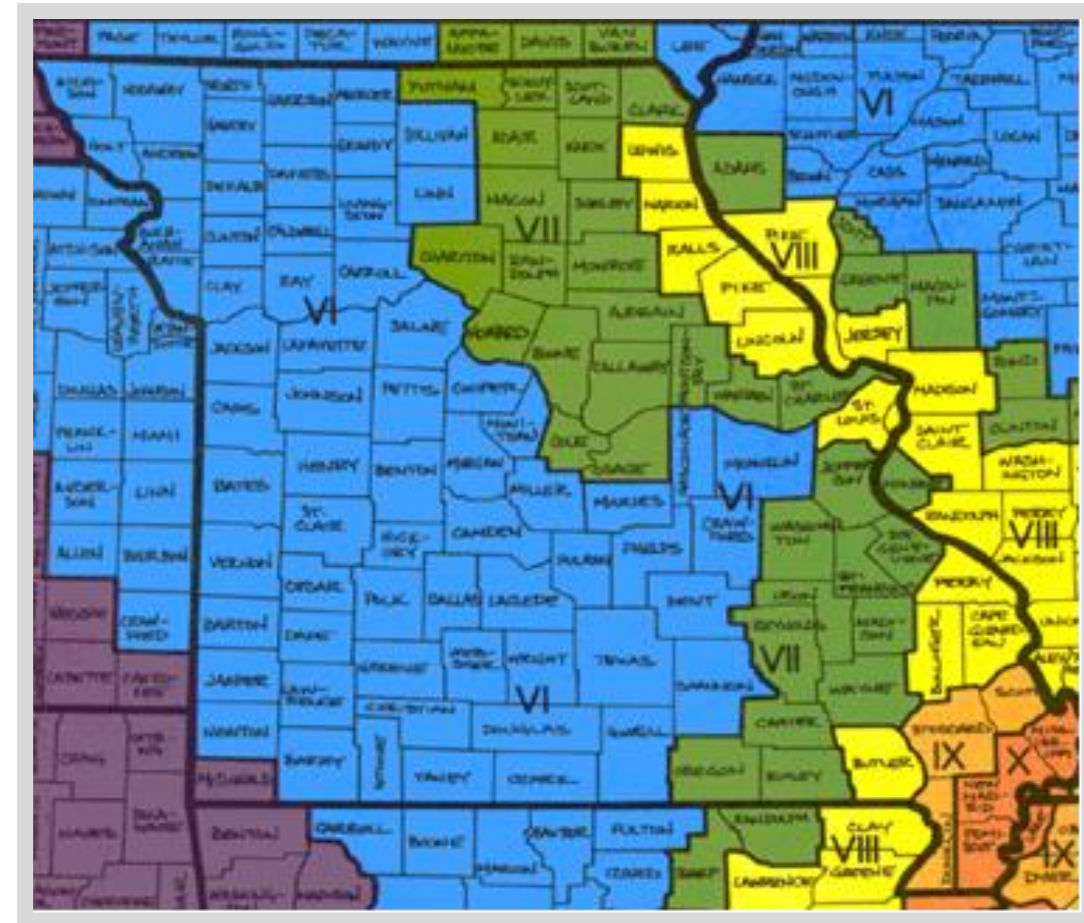


Identified Hazard: Earthquake



Identified Hazard: Earthquake

- Modified Mercalli Scale Based on a 7.6 Magnitude Earthquake along the New Madrid Fault
- Located in Zone VI
 - Felt by everyone, trouble walking, furniture can be overturned, pictures fall off walls and objects off shelves; damage slight
- No previous records of earthquakes in Stone County
- Any experience feeling earthquakes?



Identified Hazard: Land Subsidence/ Sinkholes

- 85 known sinkholes and 109 underground mines
 - 2018 State Plan
- Common in Missouri, rarely significant
- Any other known sinkholes?



Identified Hazard: Drought

- **Meteorological Drought:** Regionally based; in the United States, indicated by less than 2.5 mm of rainfall in 48 hours, which is the first indication of drought
- **Agricultural Drought:** Soil moisture cannot meet the demands of a crop; after a meteorological drought but before a hydrological drought
- **Hydrological Drought:** Reduction in surface and subsurface water supplies; measured through stream flow and lake, reservoir, and ground water levels
- **Socioeconomic Drought:** Water shortages affect people, either in terms of water supply or economic impacts (i.e. loss of crops so price increases)

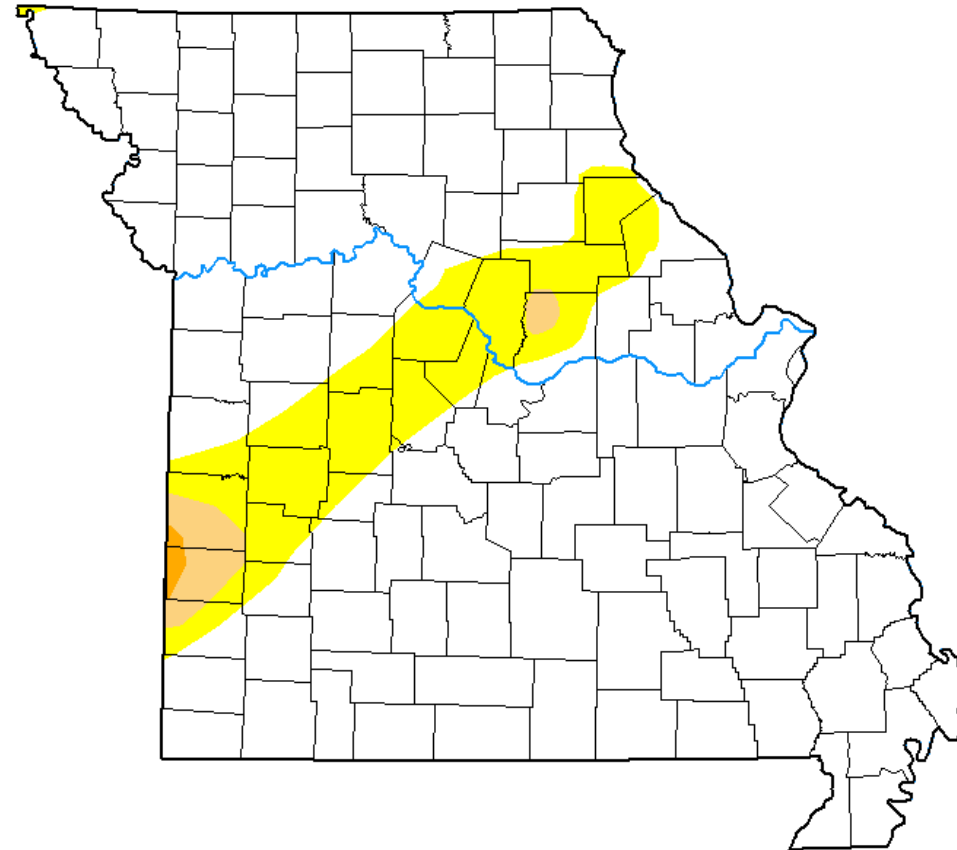
Drought

- 17 events from 2003-2022 (NCEI data)
 - Jan to April 2006
 - Oct to Nov 2011
 - July to Oct 2012
 - Oct 2020
 - July 2022 to Dec 2022
 - \$3.6 million in property damage, \$1.71 million in crop damage
 - No deaths/injuries



U.S. Drought Monitor Missouri

April 18, 2023
(Released Thursday, Apr. 20, 2023)
Valid 8 a.m. EDT



Intensity:

- None
- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

Author:

Richard Tinker
CPC/NOAA/NWS/NCEP

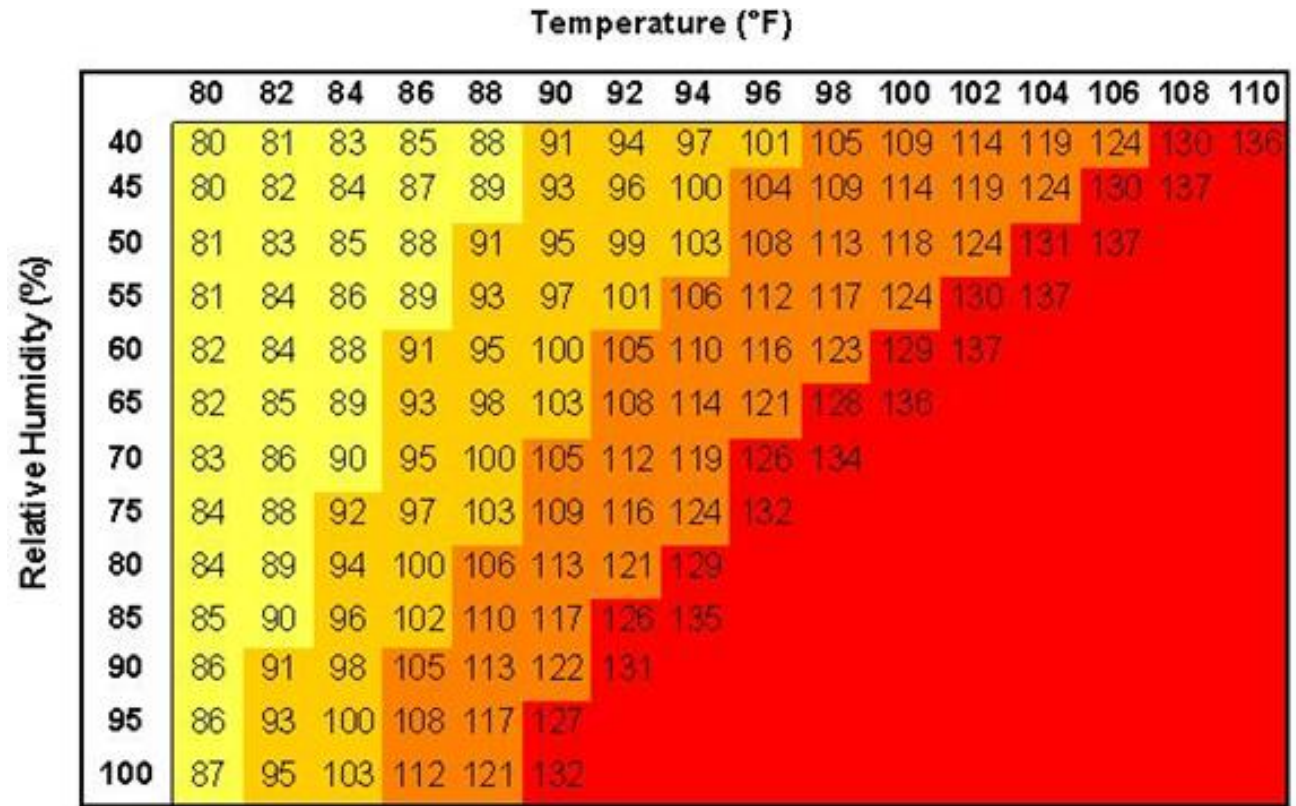


droughtmonitor.unl.edu

Source: <https://droughtmonitor.unl.edu/>

Identified Hazard: Extreme Temperatures

- Can be extreme heat or extreme cold
- Extreme Cold
 - No events
- Extreme Heat
 - June, July, August 2012



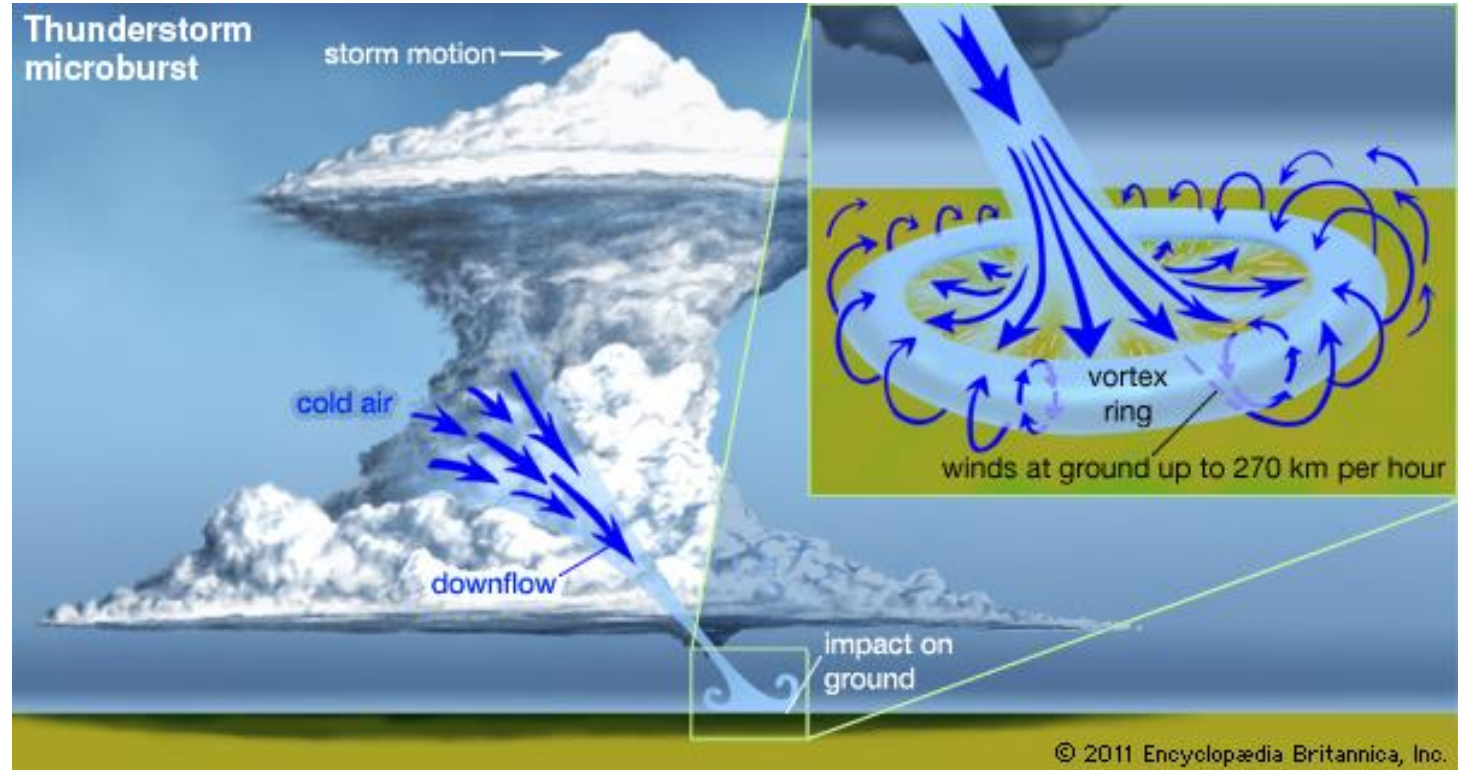
Likelihood of Heat Disorders with Prolonged Exposure or Strenuous Activity

■ Caution
 ■ Extreme Caution
 ■ Danger
 ■ Extreme Danger

Identified Hazard: Severe Thunderstorm/ High Winds/ Lightning/ Hail

High Winds

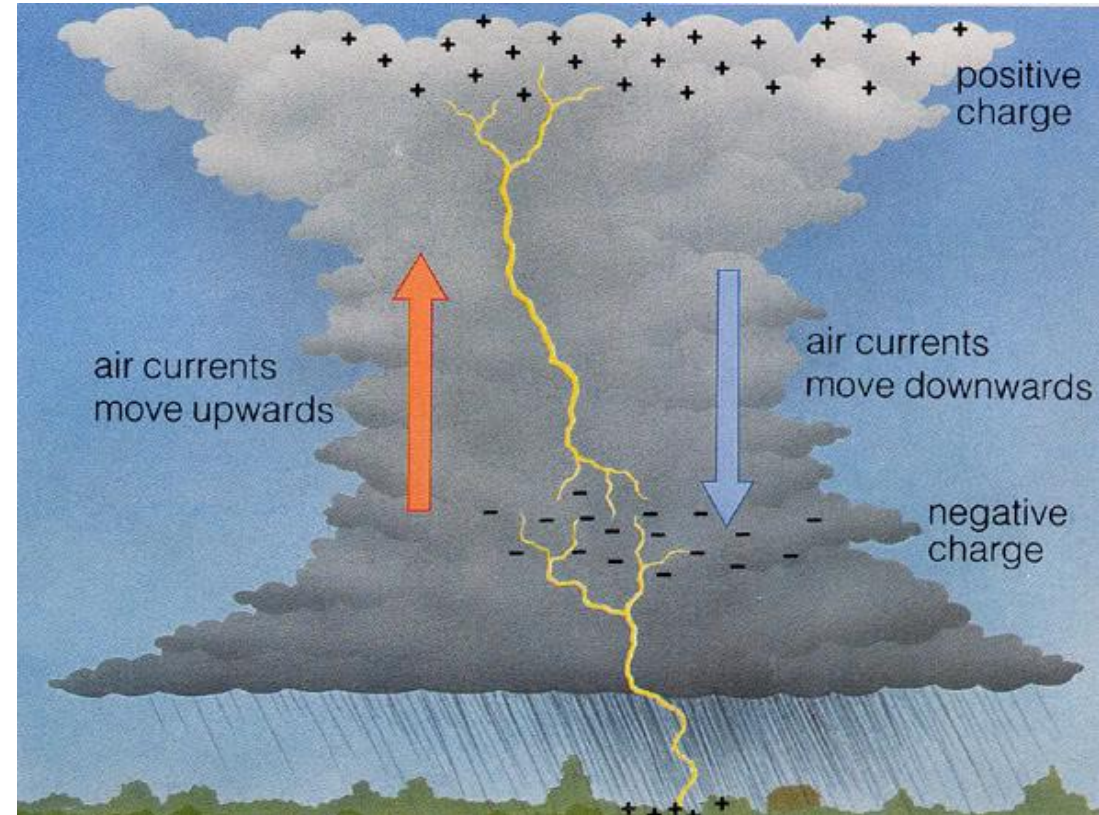
- Straight Line Wind, Microburst: Can exceed 100 mph



Identified Hazard: Severe Thunderstorm/ High Winds/ Lightning/ Hail

Lightning

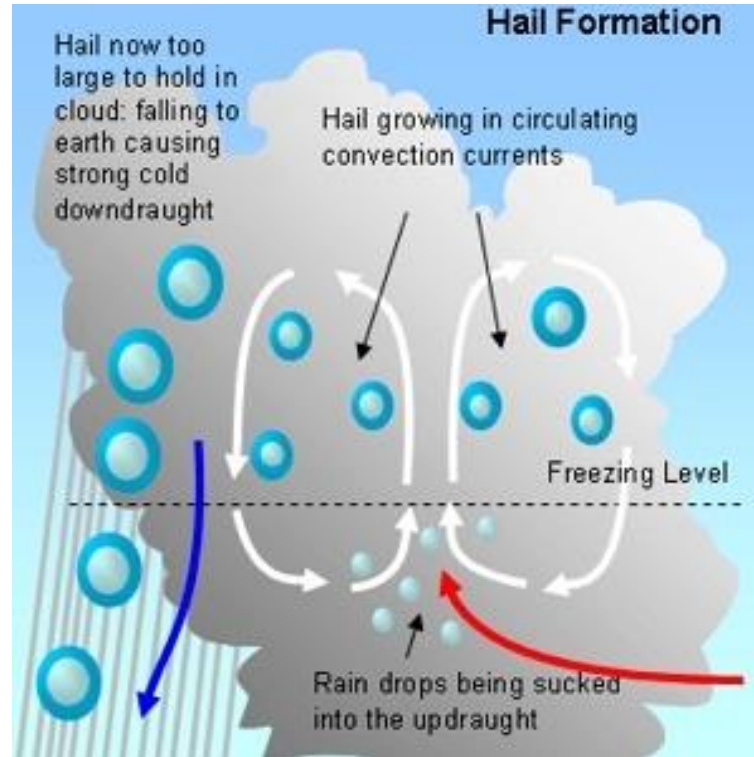
- Resulting in fires and power outages



Identified Hazard: Severe Thunderstorm/ High Winds/ Lightning/ Hail

Hail

- Hail can reach the size of grapefruit



How do I measure hail?

* Measure at its widest point
* Estimate size to common objects

NO MARBLES!

Description	Hail Size (in.)
Pea	¼
Penny	¾
Quarter	1
Half-Dollar	1 ¼
Ping Pong Ball	1 ½
Golfball	1 ¾
Tennis Ball	2 ½
Baseball	2 ¾
Softball	4
Grapefruit	4 ½

The collage includes several photographs: a large hailstone on a car's surface, a hand holding a large hailstone, a hand holding several smaller hailstones, a yellow hailstone, a quarter coin, a penny, and a golf ball. These images provide a visual reference for the sizes listed in the table.

Identified Hazard: Severe Thunderstorm/High Winds/Lightning/Hail

- **High Wind**
 - 3 events
 - No damages/deaths/injuries
- **Thunderstorm Wind**
 - 78 total events
 - No deaths/injuries
 - \$1.324 million in property damage

Identified Hazard: Severe Thunderstorm/ High Winds/ Lightning/ Hail

- **Lightning**

- 1 reported event in 2011
 - \$55k in property damage
 - Local newspaper reported a lightning strike killed 62 steers near Pennsboro. The livestock were standing near a tree which was struck by the lightning.

Identified Hazard: Severe Thunderstorm/ High Winds/ Lightning/ Hail

- **Hail**

- 80 reported events
- \$35k in property damage
 - \$25k in Greenfield in 2020 caused by golf ball sized hail

Identified Hazard: Severe Winter Weather

- A Winter Storm is a winter weather event containing a mixture of snow, cold, wind, sleet and freezing rain; it can cause driving to be dangerous and can cause power outages.
 - **Heavy Snow:** Large amount of just snowing falling over a period of time; Large amounts of snow can cause travel to become dangerous and the sheer weight of the snow can cause roofs and structures to collapse.
 - **Ice Storm-Freezing Rain:** Freezing rain falls onto a surface with a temperature below freezing; heavy accumulations of ice can bring down trees, electric power lines and poles, telephone lines and communications towers.
 - **Blizzard:** Winds of 35 miles per hour or more with snow and blowing snow reducing visibility to less than $\frac{1}{4}$ mile for at least three hours.
 - **Severe Cold:** A period of extremely low temperatures or wind chill temperatures reaching or exceeding locally/regionally defined warning criteria, on a widespread or localized basis.

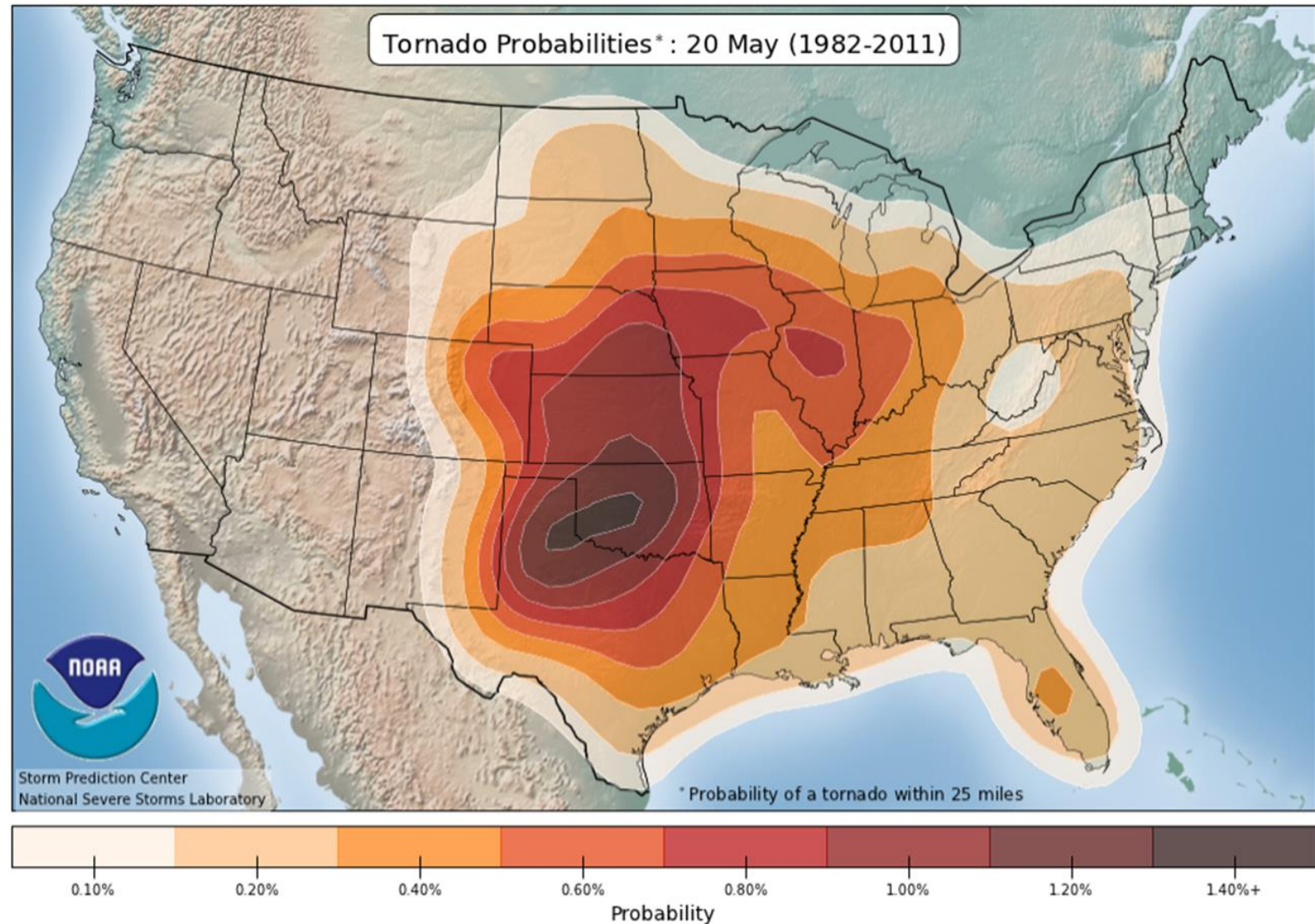
Identified Hazard: Severe Winter Weather

Previous events 2001-2020

- Blizzard: 1 occurrence - 2011
- Extreme Cold/Wind Chill: 0 occurrences
- Heavy Snow: 2 occurrences - 2003, 2020
- Ice Storm: 6 occurrences - 2007 (x2), 2008 (x2), 2017, 2019
 - \$600,000 in property damages
- Sleet: No occurrences
- Winter Storm: 17 occurrences - 2003 (x2), 2006, 2007, 2009 (x2), 2010 (x2), 2013 x3), 2014 (x2), 2021 (x2), 2022 (x2)
 - \$35,000 in property damage in 2021
- Winter Weather: 7 occurrences - 2020, 2021, 2022 (x5)
- 33 total events



Identified Hazard: Tornado



Identified Hazard: Tornado

Fujita and Enhanced Fujita Tornado Damage Scale					
FUJITA SCALE			OPERATIONAL EF SCALE		Typical Damage
F Number	Fastest 1/4-mile (mph)	3 Second Gust (mph)	EF Number	3 Second Gust (mph)	
0	40-72	45-78	0	65-85	Light damage - Some damage to chimneys; branches broken off trees; shallow-rooted trees pushed over; sign boards damaged.
1	73-112	79-117	1	86-110	Moderate damage - Peels surface off roofs; mobile homes pushed off foundations or overturned; moving autos blown off roads.
2	113-157	118-161	2	111-135	Considerable damage - Roofs torn off frame houses; mobile homes demolished; boxcars overturned; large trees snapped or uprooted; light-object missiles generated; cars lifted off ground.
3	158-207	162-209	3	136-165	Severe damage - Roofs and some walls torn off well-constructed houses; trains overturned; most trees in forest uprooted; heavy cars lifted off the ground and thrown.
4	208-260	210-261	4	166-200	Devastating damage - Well-constructed houses leveled; structures with weak foundations blown away some distance; cars thrown and large missiles generated.
5	261-318	262-317	5	Over 200	Incredible damage - Strong frame houses leveled off foundations and swept away; automobile-sized missiles fly through the air in excess of 100 meters (109 yds.); trees debarked; incredible phenomena will occur.



Identified Hazard: Tornado

- 14 occurrences in
- \$665,000 in property damage
- No deaths/injuries
- Highest magnitude tornado was F1/EF1

Identified Hazard: Tornado

Date	Location	Magnitude	Deaths	Injuries	Property Damage
05/04/2003	Meinert	F1	0	0	\$10,000
05/06/2003	Dadeville	F0	0	0	\$0
03/12/2006	Lockwood	F0	0	0	\$0
05/03/2006	Everton	F0	0	0	\$0
05/08/2009	Pilgrim	EF1	0	0	\$35,000
06/18/2011	Everton	EF1	0	0	\$0
06/18/2011	Dadeville	EF1	0	0	\$5,000
02/28/2012	Greenfield	EF1	0	0	\$200,000
05/19/2013	Lockwood	EF0	0	0	\$250,000
05/19/2017	Emmet	EF0	0	0	\$0
05/19/2017	Emmet	EF0	0	0	\$0
04/17/2019	Lockwood	EF0	0	0	\$100,000
04/18/2019	Greenfield	EF0	0	0	\$15,000
04/30/2019	Round Grove	EF1	0	0	\$50,000
Total			0	0	\$665,000

Identified Hazard: Wildfire

- Areas that abut wildland vegetation and that intermingle with wildland are most at risk for wildfire
- NCEI reported 0 wildfires from 2003-2022
- MDC reports 357 wildfires from 2013-2022
 - <https://mdc12.mdc.mo.gov/applications/mdcfirereporting/home>
 - Some events reported by multiple agencies
 - 146 buildings threatened, 55 buildings damages, and 48 buildings destroyed
 - 4,075 total acres burned

Identified Hazard: Wildfire

Year	Number of Wildfires	Buildings Threatened	Buildings Damaged	Buildings Destroyed	Acres Burned
2013	25	3	2	1	128
2014	47	35	12	7	278
2015	30	19	10	8	70
2016	44	18	8	4	248
2017	47	9	10	3	687
2018	31	13	5	5	173
2019	18	8	1	1	1,808
2020	20	9	1	6	132
2021	42	15	6	12	154
2022	53	16	0	1	397
Total	357	145	55	48	4,075

Vulnerability

- Which hazards is your jurisdiction most at risk?
- What facilities and/or areas are most at risk to those hazards?
- What existing mechanism are in place to help mitigate negative consequences?

Mitigation Strategies

- Review old strategies from previous Dade County Hazard Mitigation Plan
- Determine current status and relevance
- Modify, keep, remove previous strategies
- Develop new strategies

Community Survey



Thank you for your time!

Meeting 3 details

Any questions?



Contact Information

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For more information, visit our website

www.smcog.org

Dade County Hazard Mitigation Plan Update Meeting #3

May 30, 2023

Thomas Cunningham

Associate Planner

Southwest Missouri Council of Governments



Outline

- Participation overview
- Process recap
- Mitigation goals and actions



Local Plan Participation

- Attend a minimum of 2 mitigation planning committee meetings
- Documentation of time and effort
- Adoption of the Hazard Mitigation Plan
- Complete required documents
 - Questionnaire
 - STAPLEE/Action Sheets



Participation as of 5/26/23

Dallas County Jurisdiction Participation Information											
	2019 Plan Participant?	Meeting Attendance					Required Documents				
Jurisdiction		mtg 1	mtg 2	mtg 3	mtg 4	mtg 5	Questionnaire	Time Sheet(s)	Adoption Resolution	Action Sheets	STAPLEE sheets
Dade County	y	x	x				x	1			
City of Dadeville	n										
City of Everton	y										
City of Greenfield	y	x	x				x	1	x		
City of Lockwood	y	x	x				x	2			
Village of Arcola	y	x	x				x	1			
Village of South Greenfield	y										
School Districts											
Dadeville R-II	y		x				x				
Everton R-III	n						x				
Greenfield R-IV	y	x	x					1			
Lockwood R-I	y		x				x				
Special Districts											
Dade County Emergency Services 9	n		x				x				
Dade County First Responders	n										
Dade County R-IV Rural Fire Protec	y	x						1			
Dadeville Rural Fire Protection Dist	y		x				x				
Everton Rural Fire Department	n										
Lockwood Fire Protection District	n	x						2			

Time & Effort Reporting

- Hourly rate for volunteer time in Missouri:
 - \$27.21 on April 18, 2022
- Federal mileage rate:
 - \$.65/mile
- ****As of 5/26/23, we are at \$881.06 out of \$3,367.67****



9 Tasks in the Planning Process

- Task 1: Determine the Planning Area and Resources → Completed
- Task 2: Build the Planning Team → YOU ARE THE TEAM!
- Task 3: Create an Outreach Strategy → Meeting 1
- Task 4: Review Community Capabilities → Questionnaire
- Task 5: Conduct a Risk Assessment → Meeting 2
- Task 6: Develop a Mitigation Strategy → Today and Meeting #4
- Task 7: Review and Adopt the Plan → Meeting #5 and on your own
- Task 8: Keep the Plan Current → That's YOU!
- Task 9: Create a Safe and Resilient Community → That's YOU!



Hazards Identified

- Dam Failure
- Drought
- Earthquake
- Extreme Temperatures
- Land Subsidence/ Sinkholes
- Riverine and Flash Flood
- Severe Thunderstorm/ High Winds/ Lightning/ Hail
- Tornado
- Wildfire
- Severe Winter Weather

Mitigation: Goals and Actions

- Goals are general guidelines that explain what you want to achieve- long-term, broad, policy-type statements.
- Mitigation Actions are specific actions that help achieve goals.
 - Losses from hazards can be reduced if communities take action before the next disaster
 - Long term and cumulative benefits
 - Some may be low-cost, readily adopted
 - Some may be dependent on available funding or best implemented following a disaster

Mitigation: Goals

- Goal 1) Protect the lives and livelihoods of all citizens.
- Goal 2) Reduce the potential impact of natural disasters to property, infrastructure, and the local economy.
- Goal 3) Ensure continued operation of government, emergency functions, and critical infrastructure in a disaster.



Mitigation Actions

- All participating jurisdictions must include a set of mitigation actions
 - Jurisdictions that participated in previous plan
 - Update status of old actions/indicate which ones you want to carry over to new plan (questionnaire)
 - Send me info on new actions you want to include (action name and short description)
 - Low water crossing improvements – make improvements to low water crossings to improve the flow of water and prevent future damage
 - Jurisdictions that did not participate in previous plan are required to create new actions

New Actions Required From:

- City of Dadeville
- Everton R-III
- Dade County Emergency Services 911
- Dade County First Responders
- Everton Rural Fire Department
- Lockwood Fire Protection District



Mitigation: Goals and Actions

- Actions must be SMART

SMART



Mitigation Action Examples



Hazard Mitigation Assistance Program and Policy Guide

Hazard Mitigation Grant Program, Hazard Mitigation Grant Program Post Fire,
Building Resilient Infrastructure and Communities, and Flood Mitigation
Assistance

March 23, 2023

Federal Enterprise Architecture (FEA) Number: FP-206-21-0001



Mitigation Ideas

A Resource for Reducing Risk to Natural Hazards

January 2013



Mitigation Action Examples:

Hazard Mitigation Assistance Program and Policy Guide (page 72)

Eligible Activities	HMGP	HMGP Post Fire	BRIC	FMA
1. Capability- and Capacity-Building				
New Plan Creation and Updates	Yes	Yes	Yes	Yes*
Planning-Related Activities	Yes	Yes	Yes	No
Project Scoping/Advance Assistance	Yes	Yes	Yes	Yes
Financial Technical Assistance	No	No	No	Yes
Direct Non-financial Technical Assistance	No	No	Yes	No
Partnerships	No	No	Yes	Yes
Codes and Standards	Yes	Yes	Yes	No
Innovative Capability- and Capacity-Building†	Yes	Yes	Yes	Yes
2. Mitigation Projects				
Property Acquisition	Yes	Yes	Yes	Yes
Structure Elevation	Yes	Yes	Yes	Yes
Mitigation Reconstruction	Yes	Yes	Yes	Yes
Localized Flood Risk Reduction	Yes	Yes	Yes	Yes
Non-Localized Flood Risk Reduction	Yes	Yes	Yes	Yes**
Stabilization	Yes	Yes	Yes	Yes
Dry Floodproofing Non-Residential Building	Yes	Yes	Yes	Yes
Tsunami Vertical Evacuation	Yes	Yes	Yes	No
Safe Room	Yes	Yes	Yes	No

Eligible Activities	HMGP	HMGP Post Fire	BRIC	FMA
Wildfire Mitigation	Yes	Yes	Yes	No
Retrofit	Yes	Yes	Yes	Yes†
Secondary Power Source	Yes	Yes	Yes	No
Warning System (excluding earthquake early warning system)	Yes	Yes	Yes	No
Earthquake Early Warning System	Yes	Yes	Yes	No
Aquifer Recharge, Storage and Recovery	Yes	Yes	Yes	Yes***
Innovative Mitigation Project††	Yes	Yes	Yes	Yes
3. Management Costs	Yes	Yes	Yes	Yes

Mitigation Action Examples: *Mitigation Ideas, 2013*

- Flooding
 - **Remove existing structures from flood hazard areas** - Communities may remove structures from flood-prone areas to minimize future flood losses by acquiring and demolishing or relocating structures from voluntary property owners and preserving lands subject to repetitive flooding.
 - **Improve stormwater drainage system capacity** - Installing, re-routing, or increasing the capacity of a storm drainage system; increasing dimensions of drainage culverts in flood-prone areas; increasing capacity of stormwater detention and retention basins
 - **Protect critical facilities** - Requiring that all critical facilities including emergency operations centers (EOC), police stations, and fire department facilities be located outside of flood-prone areas; installing/upgrading stormwater pumping stations; installing back-up generators for pumping and lift stations in sanitary sewer systems along with other measures (e.g., alarms, meters, remote controls, and switchgear upgrades).
- Dam failure
 - N/A
- Earthquakes
 - **Protect critical facilities** - Conducting seismic retrofitting for critical public facilities most at risk to earthquakes; requiring bracing of generators, elevators, and other vital equipment in hospitals; reviewing construction plans for all bridges to determine their susceptibility to collapse and retrofitting problem bridges.

Mitigation Action Examples: *Mitigation Ideas, 2013*

- Land subsidence/sinkholes
 - **Manage development in high-risk areas** – prohibiting and/or restricting developing in areas with soils that is considered poor or unsuitable for development
 - **Remove existing structures from subsidence hazard areas** – to prevent property loss, acquire and demolish or relocate buildings and infrastructure in high-risk areas
- Drought
 - **Retrofit water supply systems** – design water delivery systems to accommodate drought events; developing new or upgrading existing water delivery systems to eliminate breaks and leaks
 - **Purchase crop insurance** – preserve economic stability by encouraging agricultural interests to obtain crop insurance to cover potential losses due to drought
 - **Educate farmers on soil and water conservation practices** - Encourage farmers to implement soil and water conservation practices that foster soil health and improve soil quality to help increase resiliency and mitigate the impacts of droughts.
- Extreme temperatures
 - **Assist vulnerable populations** - Measures should be taken to ensure vulnerable populations are adequately protected from the impacts of extreme temperatures
 - **Educate property owners about freezing pipes** - Extreme cold may cause water pipes to freeze and burst, which can cause flooding inside a building.

Mitigation Action Examples: *Mitigation Ideas, 2013*

- Severe thunderstorms
 - **Protect buildings from hail damage** - Structural bracing, shutters, laminated glass in window panes, and hail-resistant roof coverings or flashing in building design to minimize damage; installing hail resistant roofing and siding.
 - **Protect critical facilities and equipment from lightning damage** – install lightning protection devices such as lightning rods and grounding; install and maintain surge protection on critical electronic equipment
- Severe winter weather
 - **Protect power lines** – establish standards for all utilities regarding tree pruning around lines; bury overhead powerlines; install redundancies and loopfeeds
 - **Reduce impacts to roadways** – plan for and maintain adequate road and debris clearing capabilities
 - **Conduct winter weather risk awareness activities** – inform the public about severe winter weather impacts; include safety strategies for severe weather in diver education classes and materials

Mitigation Action Examples: *Mitigation Ideas, 2013*

- Tornado
 - ***Saferoom construction*** – require construction of safe rooms in new schools, daycares, and nursing homes; encourage the construction of safe rooms in residential homes
 - ***Require wind resistant building techniques*** – require or encourage wind engineering measures and construction techniques that may include structural bracing, straps and clips, anchor bolts, interlocking roof shingles, etc
- Wildfire
 - ***Require or encourage fire-resistant construction techniques*** – encourage the use of non-combustible materials for new construction in wildfire hazard areas; use fire-resistant roofing and building materials in remodels, upgrades, or new construction
 - ***Retrofit at-risk structures with ignition-resistant materials*** – protect propane tanks or other external fuel sources

Dade County Presidential Disaster Declarations Since 2000 (19)

Disaster Number	Description	Declaration Date	Incident Period
1412	Severe Storms, Tornadoes, and Flooding	May 6 th , 2002	Apr 24 – Jun 10, 2002
1463	Severe Storms, Tornadoes, and Flooding	May 6 th , 2003	May 4 – May 30, 2003
3232	Hurricane Katrina Evacuation	Sep 10 th , 2005	Aug 29 – Oct 1, 2005
1676	Severe Winter Storms and Flooding	Jan 15, 2007	Jan 12 – Jan 22, 2007
1728	Severe Storms and Flooding	Sept 21, 2007	Aug 19, 2007 – Aug 21, 2007
3281	Severe Winter Storms	Dec 12, 2007	Dec 8, 2007 – Dec 15, 2007
1736	Severe Winter Storms	Dec 27, 2007	Dec 6, 2007 – Dec 15, 2007
1749	Severe Storms and Flooding	Mar 19, 2008	Mar 17 – May 9, 2008
3303	Severe Winter Storm	Jan 30, 2009	Jan 26 – Jan 28, 2009
1847	Severe Storms, Tornadoes, and Flooding	June 19, 2009	May 8, 2009 – May 16, 2009
3317	Severe Winter Storm	Feb 3, 2011	Jan 31 – Feb 5, 2011
1961	Severe Winter Storm and Snowstorm	Mar 23, 2011	Jan 31 – Feb 5, 2011
4414	Severe Storms, Straight-Line Winds, and Flooding	Sept 6, 2013	Aug 2, 2013 – Aug 14, 2013
4238	Severe Storms, Tornadoes, Straight-Line Winds, Flooding	Aug 7, 2015	May 15 – Jul 27, 2015
4250	Severe Storms, Tornadoes, Straight-Line Winds, Flooding	Jan 21, 2016	Dec 23, 2015 – Jan 9, 2016
4317	Severe Storms, Tornadoes, Straight-Line Winds, Flooding	Jun 2, 2017	Apr 28 – May 11, 2017
4451	Severe Storms, Tornadoes, and Flooding	July 9, 2019	Apr 29, 2019 to Jul 6, 2019
3482	COVID-19	Mar 13, 2020	Jan 20, 2020 – Continuing
4490	COVID-19 Pandemic	Mar 26, 2020	Jan 20, 2020 – Continuing



FEMA HMA Grants in Dade County

Disaster Declaration	Program Area	Project Type	Sub-Grantee	Date Approved	Project Total
DR-4451-0036-R	HMGP	206.2: Safe Room (Tornado and Severe Wind Shelter) - Public Structures	Lockwood	05/03/2022	\$1,660,660
Total					\$1,660,660



FEMA HMA Grants in Dallas County (For Comparison)

Disaster Declaration	Program Area	Project Type	Sub-Grantee	Date Approved	Project Total
DR-1676-0014-R	HMGP	206.2: Safe Room (Tornado and Severe Wind Shelter) - Public Structures	Buffalo	9-4-2008	\$1,451,544
DR-4490-0035-F	HMGP	601.1: Generators	Buffalo	4-27-2023	\$100,000
PDMC-PJ-07-MO-2009-002	PDM	206.2: Safe Room (Tornado and Severe Wind Shelter) - Public Structures	Buffalo	9-24-2009	\$608,400
DR-4490-0035-R	HMGP	402.1: Infrastructure Protective Measures (Roads and Bridges)	Buffalo	8-4-2021	\$360,884
Total					\$2,520,828



FEMA HMA Grants in Lawrence County (For Comparison)

Disaster Declaration	Program Area	Project Type	Sub-Grantee	Date Approved	Project Total
PDMC-PJ-07-MO-2003-007	PDM	Safe Room (Tornado and Severe Wind Shelter) - Public Structures	Pierce City	04/26/2004	\$133,000.00
PDMC-PJ-07-MO-2005-002	PDM	Safe Room (Tornado and Severe Wind Shelter) - Public Structures	Pierce City R-VI School District	09/08/2005	\$1,081,130.40
DR-1980-0054-R	HMGP	Safe Room (Tornado and Severe Wind Shelter) - Public Structures	Monett	02/18/2016	\$2,713,441.00
PDMC-PJ-07-MO-2017-001	PDM	Safe Room (Tornado and Severe Wind Shelter) - Public Structures	Miller R-II School District	12/18/2018	\$1,027,500.00
DR-4451-0004-R	HMGP	Safe Room (Tornado and Severe Wind Shelter) - Public Structures	Monett	08/27/2021	\$1,445,500.00
Total					\$6,400,571.40



FEMA HMA Grants in Barry County (For Comparison)

Disaster Declaration	Program Area	Project Type	Sub-Grantee	Date Approved	Project Total
DR-1980-0035-R	HMGP	206.2: Safe Room (Tornado and Severe Wind Shelter) - Public Structures	Monett	2015-01-21	\$833,349.00
DR-1980-0040-R	HMGP	206.2: Safe Room (Tornado and Severe Wind Shelter) - Public Structures	MONETT SCHOOL SUPERINTENDENT	2014-12-09	\$2,549,772.00
DR-4250-0010-R	HMGP	206.2: Safe Room (Tornado and Severe Wind Shelter) - Public Structures	PURDY SCHOOL DISTRICT 2	2017-04-04	\$1,579,000.00
DR-1980-0064-R	HMGP	206.2: Safe Room (Tornado and Severe Wind Shelter) - Public Structures	CASSVILLE IV SCHOOL DISTRICT	2015-01-21	\$1,383,942.00
DR-1749-0004-R	HMGP	206.2: Safe Room (Tornado and Severe Wind Shelter) - Public Structures	MONETT SCHOOL SUPERINTENDENT	2013-02-11	\$914,578.00
DR-1847-0005-R	HMGP	206.2: Safe Room (Tornado and Severe Wind Shelter) - Public Structures	CASSVILLE IV SCHOOL DISTRICT	2012-09-13	\$1,552,250.00
DR-4317-0042-R	HMGP	200.1: Acquisition of Private Real Property (Structures and Land) - Riverine	Monett	2020-05-19	\$659,741.00
DR-1403-0010-F	HMGP	600.1: Warning Systems (as a Component of a Planned, Adopted, and Exercised Risk Reduction Plan)	KAMO ELECTRIC	2007-02-27	\$57,576.00
Total					\$9,530,208

FEMA Public Assistance Grants in Dade County

Disaster Declaration	Declaration Date	Project Title	Applicant	Project Total
4451	7/9/2019	Countywide Culverts	Dade County	\$55,828.84
4144	9/6/2013	Cedar Township Damaged Gravel Roads	Dade County	\$32,257.54
4238	8/7/2015	Maze Creek Roads	Dade County	\$16,804.50
4250	1/21/2016	Smith Township Road Damage	Dade County	\$28,995.00
4317	6/2/2017	Road Damage Throughout South Greenfield Village	South Greenfield	\$14,717.04



STAPLEE Sheets



STAPLEE Worksheet		
Name of Jurisdiction:	City of Greenfield	
Action or Project		
Action/Project Number:	City of Greenfield 1.1	
Name of Action or Project:	NOAA weather radios - Use NOAA all-hazard radios with S.A.M.E technology in all critical/vulnerable facilities, residences, businesses, and places of population concentration.	
Mitigation Category:	Prevention	
STAPLEE Criteria Evaluation Rating Definitely YES = 3 Maybe YES = 2 Probably NO = 1 Definitely NO = 0		Score
S: Is it Socially Acceptable		
T: Is it Technically feasible and potentially successful?		
A: Does the jurisdiction have the Administrative capacity to execute this action?		
P: Is it Politically acceptable?		
L: Is there Legal authority to implement?		
E: Is it Economically beneficial?		
E: Will the project have either a neutral or positive impact on the natural Environment ?		
Will historic structures be saved or protected?		
Could it be implemented quickly?		
STAPLEE SCORE		
Mitigation Effectiveness Criteria	Evaluation Rating	Score
Will the implemented action result in lives saved?	Assign from 5-10 points based on the likelihood that lives will be saved.	
Will the implemented action result in a reduction of disaster damages?	Assign from 5-10 points based on the relative reduction of disaster damages.	
MITIGATION EFFECTIVENESS SCORE		
TOTAL SCORE (STAPLEE + Mitigation Effectiveness)		
<input type="checkbox"/> High Priority (30+ points)	<input type="checkbox"/> Medium Priority (25 - 29 points)	<input type="checkbox"/> Low Priority (<25 points)

Completed by
(Name, Title, Phone Number) _____

Action Sheets



Action Worksheet	
Name of Jurisdiction:	City of Greenfield
Risk / Vulnerability	
Hazard(s) Addressed:	Severe thunderstorm, tornado
Problem being Mitigated:	Notification for server weather
Action or Project	
Applicable Goal Statement:	Goal 1: Protect lives and livelihood of all citizens.
Action/Project Number:	City of Greenfield 1.1
Name of Action or Project:	NOAA weather radios
Mitigation Category:	Prevention
Action or Project Description:	Use NOAA all-hazard radios with S.A.M.E technology in all critical/vulnerable facilities, residences, businesses, and places of population concentration.
Estimated Cost:	Provide an estimate of the cost to implement this action. This can be accomplished with a range of estimated costs
Benefits:	Provide a narrative describing the losses that will be avoided by implementing this action. If dollar amounts of avoided losses are known, include them as well.
Plan for Implementation	
Responsible Organization/Department:	Which organization will be responsible for tracking this action? Be specific to include the specific department or position within a department.
Supporting Organization/Department:	Which organization/department will assist in implementation of this action?
Action/Project Priority:	This is the final number from the STAPLEE sheet for the corresponding action
Timeline for Completion:	How many months/years to complete. An estimated range is acceptable (2-4 months, 1-2 years, etc)
Potential Fund Sources:	List specific funding sources that may be used to pay for the implementation of the action.
Local Planning Mechanisms to be Used in Implementation, if any:	List any planning mechanisms that will be used in the implementation of this action (comprehensive plan, capital improvement plan, school infrastructure plan, emergency operations plan, budgeting process, etc)
Progress Report	
Action Status:	Continuing in Progress
Report of Progress:	If the action is New , indicate any potential barriers you might encounter while implementing it. If the action is Continuing Not Started , indicate why the action hasn't been implemented yet (lack of funds, limited staff availability, new administration, etc.). If the action is Continuing in Progress , indicate any progress that has been made over the past 5 years.

Thank you for your time!

Any questions?

Meeting 4 details



Contact Information

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For more information, visit our website

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Dade County Hazard Mitigation Plan Update Meeting #4

June 29, 2023

Thomas Cunningham

Associate Planner

Southwest Missouri Council of Governments



Outline

- Participation overview
- Process recap
- Mitigation goals and actions
- Adoption Ordinance



Local Plan Participation

- Attend a minimum of 2 mitigation planning committee meetings
- Documentation of time and effort
- Adoption of the Hazard Mitigation Plan
- Complete required documents
 - Questionnaire
 - STAPLEE/Action Sheets



Participation as of 6/28/23

Dade County Jurisdiction Participation Information

Jurisdiction	2019 Plan Participant?	Meeting Attendance					Required Documents				
		mtg 1	mtg 2	mtg 3	mtg 4	mtg 5	Questionnaire	Time Sheet(s)	Adoption Resolution	Action Sheets	STAPLEE sheets
Dade County	y	x	x	x			x	5			
City of Dadeville	n										
City of Everton	y						x				
City of Greenfield	y	x	x	x			x	3	x		
City of Lockwood	y	x	x				x	2			
Village of Arcola	y	x	x				x	2			
Village of South Greenfield	y			x			x	1			
School Districts											
Dadeville R-II	y		x	x			x	2			
Everton R-III	n		x	x			x	2			
Greenfield R-IV	y	x	x				x	2			
Lockwood R-I	y		x				x	1			
Special Districts											
Dade County Emergency Services 911	n		x	x			x	2			
Dade County First Responders	n										
Dade County R-IV Rural Fire Protection District	y	x		x				2			
Dadeville Rural Fire Protection District	y		x	x			x	2			
Everton Rural Fire Department	n										
Lockwood Fire Protection District	n	x						2			

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Missing Timesheets

- Questionnaire
 - City of Greenfield
 - City of Lockwood
 - Village of Arcola
 - Village of South Greenfield
 - Everton R-III
 - Greenfield R-IV
 - Dade County Emergency Services 911
 - Dadeville Rural Fire Protection District



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- All participating jurisdictions must include a set of mitigation actions that address each identified hazard present in their communities
 - Jurisdictions that participated in previous plan
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 - Send me info on new actions you want to include (action name and short description)
 - Low water crossing improvements – make improvements to low water crossings to improve the flow of water and prevent future damage
 - Jurisdictions that did not participate in previous plan are required to create new actions

New FEMA guidelines

- Each jurisdiction must have at least one action that addresses each hazard identified in that community



Mitigation: Goals and Actions

- Actions must be SMART

SMART



Mitigation Action Examples



Hazard Mitigation Assistance Program and Policy Guide

Hazard Mitigation Grant Program, Hazard Mitigation Grant Program Post Fire,
Building Resilient Infrastructure and Communities, and Flood Mitigation
Assistance

March 23, 2023

Federal Enterprise Architecture (FEA) Number: FP-206-21-0001



Mitigation Ideas

A Resource for Reducing Risk to Natural Hazards

January 2013



Mitigation Action Examples:

Hazard Mitigation Assistance Program and Policy Guide (page 72)

Eligible Activities	HMGP	HMGP Post Fire	BRIC	FMA
1. Capability- and Capacity-Building				
New Plan Creation and Updates	Yes	Yes	Yes	Yes*
Planning-Related Activities	Yes	Yes	Yes	No
Project Scoping/Advance Assistance	Yes	Yes	Yes	Yes
Financial Technical Assistance	No	No	No	Yes
Direct Non-financial Technical Assistance	No	No	Yes	No
Partnerships	No	No	Yes	Yes
Codes and Standards	Yes	Yes	Yes	No
Innovative Capability- and Capacity-Building†	Yes	Yes	Yes	Yes
2. Mitigation Projects				
Property Acquisition	Yes	Yes	Yes	Yes
Structure Elevation	Yes	Yes	Yes	Yes
Mitigation Reconstruction	Yes	Yes	Yes	Yes
Localized Flood Risk Reduction	Yes	Yes	Yes	Yes
Non-Localized Flood Risk Reduction	Yes	Yes	Yes	Yes**
Stabilization	Yes	Yes	Yes	Yes
Dry Floodproofing Non-Residential Building	Yes	Yes	Yes	Yes
Tsunami Vertical Evacuation	Yes	Yes	Yes	No
Safe Room	Yes	Yes	Yes	No

Eligible Activities	HMGP	HMGP Post Fire	BRIC	FMA
Wildfire Mitigation	Yes	Yes	Yes	No
Retrofit	Yes	Yes	Yes	Yes†
Secondary Power Source	Yes	Yes	Yes	No
Warning System (excluding earthquake early warning system)	Yes	Yes	Yes	No
Earthquake Early Warning System	Yes	Yes	Yes	No
Aquifer Recharge, Storage and Recovery	Yes	Yes	Yes	Yes***
Innovative Mitigation Project††	Yes	Yes	Yes	Yes
3. Management Costs	Yes	Yes	Yes	Yes

Mitigation Action Examples: *Mitigation Ideas, 2013*

- Flooding
 - **Remove existing structures from flood hazard areas** - Communities may remove structures from flood-prone areas to minimize future flood losses by acquiring and demolishing or relocating structures from voluntary property owners and preserving lands subject to repetitive flooding.
 - **Improve stormwater drainage system capacity** - Installing, re-routing, or increasing the capacity of a storm drainage system; increasing dimensions of drainage culverts in flood-prone areas; increasing capacity of stormwater detention and retention basins
 - **Protect critical facilities** - Requiring that all critical facilities including emergency operations centers (EOC), police stations, and fire department facilities be located outside of flood-prone areas; installing/upgrading stormwater pumping stations; installing back-up generators for pumping and lift stations in sanitary sewer systems along with other measures (e.g., alarms, meters, remote controls, and switchgear upgrades).
- Dam failure
 - N/A
- Earthquakes
 - **Protect critical facilities** - Conducting seismic retrofitting for critical public facilities most at risk to earthquakes; requiring bracing of generators, elevators, and other vital equipment in hospitals; reviewing construction plans for all bridges to determine their susceptibility to collapse and retrofitting problem bridges.

Mitigation Action Examples: *Mitigation Ideas, 2013*

- Land subsidence/sinkholes
 - **Manage development in high-risk areas** – prohibiting and/or restricting developing in areas with soils that is considered poor or unsuitable for development
 - **Remove existing structures from subsidence hazard areas** – to prevent property loss, acquire and demolish or relocate buildings and infrastructure in high-risk areas
- Drought
 - **Retrofit water supply systems** – design water delivery systems to accommodate drought events; developing new or upgrading existing water delivery systems to eliminate breaks and leaks
 - **Purchase crop insurance** – preserve economic stability by encouraging agricultural interests to obtain crop insurance to cover potential losses due to drought
 - **Educate farmers on soil and water conservation practices** - Encourage farmers to implement soil and water conservation practices that foster soil health and improve soil quality to help increase resiliency and mitigate the impacts of droughts.
- Extreme temperatures
 - **Assist vulnerable populations** - Measures should be taken to ensure vulnerable populations are adequately protected from the impacts of extreme temperatures
 - **Educate property owners about freezing pipes** - Extreme cold may cause water pipes to freeze and burst, which can cause flooding inside a building.

Mitigation Action Examples: *Mitigation Ideas, 2013*

- Severe thunderstorms
 - **Protect buildings from hail damage** - Structural bracing, shutters, laminated glass in window panes, and hail-resistant roof coverings or flashing in building design to minimize damage; installing hail resistant roofing and siding.
 - **Protect critical facilities and equipment from lightning damage** – install lightning protection devices such as lightning rods and grounding; install and maintain surge protection on critical electronic equipment
- Severe winter weather
 - **Protect power lines** – establish standards for all utilities regarding tree pruning around lines; bury overhead powerlines; install redundancies and loopfeeds
 - **Reduce impacts to roadways** – plan for and maintain adequate road and debris clearing capabilities
 - **Conduct winter weather risk awareness activities** – inform the public about severe winter weather impacts; include safety strategies for severe weather in diver education classes and materials

Mitigation Action Examples: *Mitigation Ideas, 2013*

- Tornado
 - ***Saferoom construction*** – require construction of safe rooms in new schools, daycares, and nursing homes; encourage the construction of safe rooms in residential homes
 - ***Require wind resistant building techniques*** – require or encourage wind engineering measures and construction techniques that may include structural bracing, straps and clips, anchor bolts, interlocking roof shingles, etc
- Wildfire
 - ***Require or encourage fire-resistant construction techniques*** – encourage the use of non-combustible materials for new construction in wildfire hazard areas; use fire-resistant roofing and building materials in remodels, upgrades, or new construction
 - ***Retrofit at-risk structures with ignition-resistant materials*** – protect propane tanks or other external fuel sources

Dade County Presidential Disaster Declarations Since 2000 (19)

Disaster Number	Description	Declaration Date	Incident Period
1412	Severe Storms, Tornadoes, and Flooding	May 6 th , 2002	Apr 24 – Jun 10, 2002
1463	Severe Storms, Tornadoes, and Flooding	May 6 th , 2003	May 4 – May 30, 2003
3232	Hurricane Katrina Evacuation	Sep 10 th , 2005	Aug 29 – Oct 1, 2005
1676	Severe Winter Storms and Flooding	Jan 15, 2007	Jan 12 – Jan 22, 2007
1728	Severe Storms and Flooding	Sept 21, 2007	Aug 19, 2007 – Aug 21, 2007
3281	Severe Winter Storms	Dec 12, 2007	Dec 8, 2007 – Dec 15, 2007
1736	Severe Winter Storms	Dec 27, 2007	Dec 6, 2007 – Dec 15, 2007
1749	Severe Storms and Flooding	Mar 19, 2008	Mar 17 – May 9, 2008
3303	Severe Winter Storm	Jan 30, 2009	Jan 26 – Jan 28, 2009
1847	Severe Storms, Tornadoes, and Flooding	June 19, 2009	May 8, 2009 – May 16, 2009
3317	Severe Winter Storm	Feb 3, 2011	Jan 31 – Feb 5, 2011
1961	Severe Winter Storm and Snowstorm	Mar 23, 2011	Jan 31 – Feb 5, 2011
4414	Severe Storms, Straight-Line Winds, and Flooding	Sept 6, 2013	Aug 2, 2013 – Aug 14, 2013
4238	Severe Storms, Tornadoes, Straight-Line Winds, Flooding	Aug 7, 2015	May 15 – Jul 27, 2015
4250	Severe Storms, Tornadoes, Straight-Line Winds, Flooding	Jan 21, 2016	Dec 23, 2015 – Jan 9, 2016
4317	Severe Storms, Tornadoes, Straight-Line Winds, Flooding	Jun 2, 2017	Apr 28 – May 11, 2017
4451	Severe Storms, Tornadoes, and Flooding	July 9, 2019	Apr 29, 2019 to Jul 6, 2019
3482	COVID-19	Mar 13, 2020	Jan 20, 2020 – Continuing
4490	COVID-19 Pandemic	Mar 26, 2020	Jan 20, 2020 – Continuing



FEMA HMA Grants in Dade County

Disaster Declaration	Program Area	Project Type	Sub-Grantee	Date Approved	Project Total
DR-4451-0036-R	HMGP	206.2: Safe Room (Tornado and Severe Wind Shelter) - Public Structures	Lockwood	05/03/2022	\$1,660,660
Total					\$1,660,660



FEMA HMA Grants in Dallas County (For Comparison)

Disaster Declaration	Program Area	Project Type	Sub-Grantee	Date Approved	Project Total
DR-1676-0014-R	HMGP	206.2: Safe Room (Tornado and Severe Wind Shelter) - Public Structures	Buffalo	9-4-2008	\$1,451,544
DR-4490-0035-F	HMGP	601.1: Generators	Buffalo	4-27-2023	\$100,000
PDMC-PJ-07-MO-2009-002	PDM	206.2: Safe Room (Tornado and Severe Wind Shelter) - Public Structures	Buffalo	9-24-2009	\$608,400
DR-4490-0035-R	HMGP	402.1: Infrastructure Protective Measures (Roads and Bridges)	Buffalo	8-4-2021	\$360,884
Total					\$2,520,828



FEMA HMA Grants in Lawrence County (For Comparison)

Disaster Declaration	Program Area	Project Type	Sub-Grantee	Date Approved	Project Total
PDMC-PJ-07-MO-2003-007	PDM	Safe Room (Tornado and Severe Wind Shelter) - Public Structures	Pierce City	04/26/2004	\$133,000.00
PDMC-PJ-07-MO-2005-002	PDM	Safe Room (Tornado and Severe Wind Shelter) - Public Structures	Pierce City R-VI School District	09/08/2005	\$1,081,130.40
DR-1980-0054-R	HMGP	Safe Room (Tornado and Severe Wind Shelter) - Public Structures	Monett	02/18/2016	\$2,713,441.00
PDMC-PJ-07-MO-2017-001	PDM	Safe Room (Tornado and Severe Wind Shelter) - Public Structures	Miller R-II School District	12/18/2018	\$1,027,500.00
DR-4451-0004-R	HMGP	Safe Room (Tornado and Severe Wind Shelter) - Public Structures	Monett	08/27/2021	\$1,445,500.00
Total					\$6,400,571.40



FEMA HMA Grants in Barry County (For Comparison)

Disaster Declaration	Program Area	Project Type	Sub-Grantee	Date Approved	Project Total
DR-1980-0035-R	HMGP	206.2: Safe Room (Tornado and Severe Wind Shelter) - Public Structures	Monett	2015-01-21	\$833,349.00
DR-1980-0040-R	HMGP	206.2: Safe Room (Tornado and Severe Wind Shelter) - Public Structures	MONETT SCHOOL SUPERINTENDENT	2014-12-09	\$2,549,772.00
DR-4250-0010-R	HMGP	206.2: Safe Room (Tornado and Severe Wind Shelter) - Public Structures	PURDY SCHOOL DISTRICT 2	2017-04-04	\$1,579,000.00
DR-1980-0064-R	HMGP	206.2: Safe Room (Tornado and Severe Wind Shelter) - Public Structures	CASSVILLE IV SCHOOL DISTRICT	2015-01-21	\$1,383,942.00
DR-1749-0004-R	HMGP	206.2: Safe Room (Tornado and Severe Wind Shelter) - Public Structures	MONETT SCHOOL SUPERINTENDENT	2013-02-11	\$914,578.00
DR-1847-0005-R	HMGP	206.2: Safe Room (Tornado and Severe Wind Shelter) - Public Structures	CASSVILLE IV SCHOOL DISTRICT	2012-09-13	\$1,552,250.00
DR-4317-0042-R	HMGP	200.1: Acquisition of Private Real Property (Structures and Land) - Riverine	Monett	2020-05-19	\$659,741.00
DR-1403-0010-F	HMGP	600.1: Warning Systems (as a Component of a Planned, Adopted, and Exercised Risk Reduction Plan)	KAMO ELECTRIC	2007-02-27	\$57,576.00
Total					\$9,530,208

FEMA Public Assistance Grants in Dade County

Disaster Declaration	Declaration Date	Project Title	Applicant	Project Total
4451	7/9/2019	Countywide Culverts	Dade County	\$55,828.84
4144	9/6/2013	Cedar Township Damaged Gravel Roads	Dade County	\$32,257.54
4238	8/7/2015	Maze Creek Roads	Dade County	\$16,804.50
4250	1/21/2016	Smith Township Road Damage	Dade County	\$28,995.00
4317	6/2/2017	Road Damage Throughout South Greenfield Village	South Greenfield	\$14,717.04



STAPLEE Sheets



STAPLEE Worksheet		
Name of Jurisdiction:	City of Greenfield	
Action or Project		
Action/Project Number:	City of Greenfield 1.1	
Name of Action or Project:	NOAA weather radios - Use NOAA all-hazard radios with S.A.M.E technology in all critical/vulnerable facilities, residences, businesses, and places of population concentration.	
Mitigation Category:	Prevention	
STAPLEE Criteria Evaluation Rating Definitely YES = 3 Maybe YES = 2 Probably NO = 1 Definitely NO = 0		Score
S: Is it Socially Acceptable		
T: Is it Technically feasible and potentially successful?		
A: Does the jurisdiction have the Administrative capacity to execute this action?		
P: Is it Politically acceptable?		
L: Is there Legal authority to implement?		
E: Is it Economically beneficial?		
E: Will the project have either a neutral or positive impact on the natural Environment ?		
Will historic structures be saved or protected?		
Could it be implemented quickly?		
STAPLEE SCORE		
Mitigation Effectiveness Criteria	Evaluation Rating	Score
Will the implemented action result in lives saved?	Assign from 5-10 points based on the likelihood that lives will be saved.	
Will the implemented action result in a reduction of disaster damages?	Assign from 5-10 points based on the relative reduction of disaster damages.	
MITIGATION EFFECTIVENESS SCORE		
TOTAL SCORE (STAPLEE + Mitigation Effectiveness)		
<input type="checkbox"/> High Priority (30+ points)	<input type="checkbox"/> Medium Priority (25 - 29 points)	<input type="checkbox"/> Low Priority (<25 points)

Completed by
(Name, Title, Phone Number) _____

Action Sheets



Action Worksheet	
Name of Jurisdiction:	City of Greenfield
Risk / Vulnerability	
Hazard(s) Addressed:	Severe thunderstorm, tornado
Problem being Mitigated:	Notification for server weather
Action or Project	
Applicable Goal Statement:	Goal 1: Protect lives and livelihood of all citizens.
Action/Project Number:	City of Greenfield 1.1
Name of Action or Project:	NOAA weather radios
Mitigation Category:	Prevention
Action or Project Description:	Use NOAA all-hazard radios with S.A.M.E technology in all critical/vulnerable facilities, residences, businesses, and places of population concentration.
Estimated Cost:	Provide an estimate of the cost to implement this action. This can be accomplished with a range of estimated costs
Benefits:	Provide a narrative describing the losses that will be avoided by implementing this action. If dollar amounts of avoided losses are known, include them as well.
Plan for Implementation	
Responsible Organization/Department:	Which organization will be responsible for tracking this action? Be specific to include the specific department or position within a department.
Supporting Organization/Department:	Which organization/department will assist in implementation of this action?
Action/Project Priority:	This is the final number from the STAPLEE sheet for the corresponding action
Timeline for Completion:	How many months/years to complete. An estimated range is acceptable (2-4 months, 1-2 years, etc)
Potential Fund Sources:	List specific funding sources that may be used to pay for the implementation of the action.
Local Planning Mechanisms to be Used in Implementation, if any:	List any planning mechanisms that will be used in the implementation of this action (comprehensive plan, capital improvement plan, school infrastructure plan, emergency operations plan, budgeting process, etc)
Progress Report	
Action Status:	Continuing in Progress
Report of Progress:	If the action is New , indicate any potential barriers you might encounter while implementing it. If the action is Continuing Not Started , indicate why the action hasn't been implemented yet (lack of funds, limited staff availability, new administration, etc.). If the action is Continuing in Progress , indicate any progress that has been made over the past 5 years.

Adoption Resolution

- Must be passed by governing body
- Return to me by August 18
- Placeholder email option



CITY OF GREENFIELD

RESOLUTION NO. 01-2023

A RESOLUTION OF THE CITY OF GREENFIELD ADOPTING THE DADE COUNTY MULTI-JURISDICTIONAL HAZARD MITIGATION *PLAN*

WHEREAS the City of Greenfield recognizes the threat that natural hazards pose to people and property within the City of Greenfield; and

WHEREAS the City of Greenfield has participated in the preparation of a multi-hazard mitigation plan, hereby known as the Dade County Multi-Jurisdictional Hazard Mitigation Plan, hereafter referred to as the *Plan*, in accordance with the Disaster Mitigation Act of 2000; and

WHEREAS the *Plan* identifies mitigation goals and actions to reduce or eliminate long-term risk to people and property in the City of Greenfield from the impacts of future hazards and disasters; and

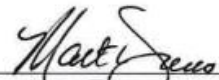
WHEREAS the City of Greenfield recognizes that land use policies have a major impact on whether people and property are exposed to natural hazards, the City of Greenfield will endeavor to integrate the *Plan* into the comprehensive planning process and


WHEREAS adoption by the City of Greenfield demonstrates their commitment to hazard mitigation and achieving the goals outlined in the *Plan*

NOW THEREFORE, BE IT RESOLVED BY THE City of Greenfield, in the State of Missouri, THAT:
In accordance with the City of Greenfield Board, the City of Greenfield adopts the final FEMA-approved *plan*.

ADOPTED by a vote of 4 in favor and 0 against, and 0 abstaining, this 5th day of April, 2023.

By (Sig.): 
Print name: DAVE ENGROFF

ATTEST:
By (Sig.): 
Print name: MARK DAVIS

APPROVED AS TO FORM:
By (Sig.): 
Print name: QU. A. P.

Thank you for your time!

Any questions?

Meeting 4 details



Contact Information

Thomas Cunningham

Associate Planner

417-836-5281

Tcunningham@MissouriState.edu

For more information, visit our website

www.smcog.org



Dade County Hazard Mitigation Plan Update Meeting #5

August 8, 2023

Thomas Cunningham, Associate Planner
Southwest Missouri Council of Governments



Outline

- Participation Overview
- Process Recap
- Funding and Implementation Mechanisms
- Mitigation Action Tracking
- Plan Adoption and Maintenance



Participation Update (as of 8/7/23)

	2019 Plan Participant?	Meeting Attendance					Required Documents				
Jurisdiction		mtg 1	mtg 2	mtg 3	mtg 4	mtg 5	Questionnaire	Time Sheet(s)	Adoption Resolution	Action Sheets	STAPLEE sheets
Dade County	y	x	x	x	x		x	6	x		
City of Dadeville	n										
City of Everton	y						x		x		
City of Greenfield	y	x	x	x	x		x	5	x	x	x
City of Lockwood	y	x	x		x		x	3	x		
Village of Arcola	y	x	x		x		x	2			
Village of South Greenfield	y			x			x	1			



Participation Update (as of 8/7/23)

	2019 Plan Participant?	Meeting Attendance					Required Documents				
Jurisdiction		mtg 1	mtg 2	mtg 3	mtg 4	mtg 5	Questionnaire	Time Sheet(s)	Adoption Resolution	Action Sheets	STAPLEE sheets
School Districts											
Dadeville R-II	y		x	x			x	3		x	x
Everton R-III	n		x	x			x	2			
Greenfield R-IV	y	x	x				x	2		x	x
Lockwood R-I	y		x				x	2		x	x
Special Districts											
Dade County Emergency Services 911	n		x	x			x	3	x	x	x
Dade County First Responders	n										
Dade County R-IV Rural Fire Protection District	y	x		x			x (INCOMPLETE)	3	x		
Dadeville Rural Fire Protection District	y		x	x			x	3		x	x
Everton Rural Fire Department	n										
Lockwood Fire Protection District	n	x						2			

In-kind update (as of 8/7/23)

- Required - \$3,366.67
- Received - \$2,673.02
- Difference - \$693.66



Missing timesheets (as of 8/7/23)

- Questionnaire
 - Everton
 - Arcola
 - South Greenfield
 - Everton R-III
 - Greenfield R-IV
- Adoption Resolution
 - Dade County
 - Everton
 - Lockwood
- Action/STAPLEE sheets
 - Greenfield
 - Dadeville R-II
- Meetings
 - Lockwood (meeting 2, Isaac Dodd, April 25)



9 Tasks in the Planning Process

- Task 1: Determine the Planning Area and Resources → Completed
- Task 2: Build the Planning Team → YOU ARE THE TEAM!
- Task 3: Create an Outreach Strategy → Meeting 1
- Task 4: Review Community Capabilities → Questionnaire
- Task 5: Conduct a Risk Assessment → Meeting 2
- Task 6: Develop a Mitigation Strategy → Meeting 3 and 4
- Task 7: Review and Adopt the Plan → Meeting 5 and on your own
- Task 8: Keep the Plan Current → That's YOU!
- Task 9: Create a Safe and Resilient Community → That's YOU!



Mitigation Action Prioritization

STAPLEE Worksheet:

Social

Technical

Administrative

Political

Legal

Economical

Environmental



STAPLEE Worksheet		
Name of Jurisdiction:		
Action or Project		
Action/Project Number:	Insert a unique action number for this action for future tracking purposes. This can be a combination of the jurisdiction name, followed by the goal number and action number (i.e. Joplin1.1)	
Name of Action or Project:		
Mitigation Category:	Prevention; Structure and Infrastructure Projects; Natural Systems Protection; Education and Outreach; Emergency Services	
STAPLEE Criteria		Score
Evaluation Rating		
Definitely YES = 3 Maybe YES = 2 Probably NO = 1 Definitely NO = 0		
S: Is it Socially Acceptable		
T: Is it Technically feasible and potentially successful?		
A: Does the jurisdiction have the Administrative capacity to execute this action?		
P: Is it Politically acceptable?		
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MITIGATION EFFECTIVENESS SCORE		
TOTAL SCORE (STAPLEE + Mitigation Effectiveness)		
<input type="checkbox"/> High Priority (30+ points)	<input type="checkbox"/> Medium Priority (25 - 29 points)	<input type="checkbox"/> Low Priority (<25 points)
Completed by (Name, Title, Phone Number)		

Mitigation Actions Implementation

- Complete:
 - Estimated Cost: Do your best based on your jurisdiction; a range of \$ is fine
 - Responsible & Supporting Organization/Department: What position or department will be in charge of implementing the action? Police, Fire, Administration, etc.
 - Action/Project Priority: this is the final number from the STAPLEE sheet
 - Timeline for Completion: Can be a range of time or ongoing



Action Worksheet	
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Risk / Vulnerability	
Hazard(s) Addressed:	Severe thunderstorm, tornado
Problem being Mitigated:	Notification for server weather
Action or Project	
Applicable Goal Statement:	Goal 1: Protect lives and livelihood of all citizens.
Action/Project Number:	City of Greenfield 1.1
Name of Action or Project:	NOAA weather radios
Mitigation Category:	Prevention
Action or Project Description:	Use NOAA all-hazard radios with S.A.M.E technology in all critical/vulnerable facilities, residences, businesses, and places of population concentration.
Estimated Cost:	Provide an estimate of the cost to implement this action. This can be accomplished with a range of estimated costs
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Potential Fund Sources:	List specific funding sources that may be used to pay for the implementation of the action.
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Mitigation Actions Implementation

- Complete:
 - Potential Fund Sources: local funds, FEMA grants (HMGP, BRIC, FMA), MDC/DNR/USDA/EDA grants, etc
 - Local planning mechanisms to be used in implementation: comprehensive plan, capital improvement plan, emergency operations plan, etc
 - Report of progress: provide an update of the progress that has been made over the past 5 years



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Mitigation Actions Implementation

- Funding Sources
 - SEMA/FEMA Grants: HMGP, BRIC (replaced PDM), FMA
 - <https://sema.dps.mo.gov/docs/programs/LRMF/mitigation/HMA-guidance-508-2-27-2015.pdf>
 - Small and impoverished = population of 3,000 or fewer

Cost Share Requirements:

Programs	Mitigation Activity (Percent of Federal/Non-Federal Share)	Recipient Management Costs (Percent of Federal/Non-Federal Share)	Subrecipient Management Costs (Percent of Federal/Non-Federal Share)
HMGP	75/25	100/0	—/— ⁽¹⁾
PDM	75/25	75/25	75/25
PDM - subrecipient is small and impoverished community	90/10	75/25	90/10
PDM - Tribal Recipient/subrecipient is small and impoverished	90/10	90/10	90/10
FMA - insured properties and planning grants	75/25	75/25	75/25
FMA - repetitive loss property ⁽²⁾	90/10	90/10	90/10
FMA - severe repetitive loss property ⁽²⁾	100/0	100/0	100/0



Mitigation Actions – Potential Fund Sources

- Funding Sources
 - SEMA/FEMA Grants: HMGP, BRIC, FMA
 - Hazard Mitigation Grant Program (HMGP)
 - Tied to disaster declarations; Equation tied to amount of disaster assistance
 - Building Resilient Infrastructure and Communities (BRIC)
 - Annual Appropriation
 - Nationally Competitive
 - Flood Mitigation Assistance (FMA)
 - Annual Appropriation
 - Must be NFIP
 - SRL or RL properties

HMGP Cost-Share Example



Mitigation Actions – Potential Fund Sources

- U.S. Department of Agriculture– www.usda.gov
 - Rural Development- community facilities, special evaluation assistance for rural communities (water and waste projects), water and waste disposal loan and grant program
 - Emergency Watershed Protection Program- remove debris from stream channels, culverts, bridges; correct damaged drainage facilities
- U.S. Department of Commerce, Missouri Department of Economic Development
 - Public Works and Economic Development Facilities Assistance – construction, non-construction, technical assistance, etc.
 - Missouri Infrastructure Development Opportunities Commission Program – infrastructure improvements, priority to water and sewer address public health
 - Public Entity Load Program – tax-exempt bonds for public buildings, jails, infrastructure, acquisition of land, demolition of buildings
 - Community Development Block Grant – Disaster Recovery



Mitigation Actions – Potential Fund Sources

- Missouri Department of Conservation (MDC) Grants – <https://mdc.mo.gov>
 - Community Conservation Funding – stream restoration, prairie reconstruction, forest management, wetland enhancement
 - Tree Resource Improvement and Maintenance (TRIM) Grant – tree inventory, hazardous tree removal or pruning, tree planting, training for community forest care
 - Cost-share for wildfire-fighting equipment
 - Missouri Conversation Heritage Foundation, Stream Stewardship Trust Fund- low water crossing replacements for qualifying streams



Mitigation Actions Implementation

Eligible Activities	HMGP	HMGP Post Fire	BRIC	FMA
1. Capability- and Capacity-Building				
New Plan Creation and Updates	Yes	Yes	Yes	Yes*
Planning-Related Activities	Yes	Yes	Yes	No
Project Scoping/Advance Assistance	Yes	Yes	Yes	Yes
Financial Technical Assistance	No	No	No	Yes
Direct Non-financial Technical Assistance	No	No	Yes	No
Partnerships	No	No	Yes	Yes
Codes and Standards	Yes	Yes	Yes	No
Innovative Capability- and Capacity-Building†	Yes	Yes	Yes	Yes
2. Mitigation Projects				
Property Acquisition	Yes	Yes	Yes	Yes
Structure Elevation	Yes	Yes	Yes	Yes
Mitigation Reconstruction	Yes	Yes	Yes	Yes
Localized Flood Risk Reduction	Yes	Yes	Yes	Yes
Non-Localized Flood Risk Reduction	Yes	Yes	Yes	Yes**
Stabilization	Yes	Yes	Yes	Yes
Dry Floodproofing Non-Residential Building	Yes	Yes	Yes	Yes
Tsunami Vertical Evacuation	Yes	Yes	Yes	No
Safe Room	Yes	Yes	Yes	No

Eligible Activities	HMGP	HMGP Post Fire	BRIC	FMA
Wildfire Mitigation	Yes	Yes	Yes	No
Retrofit	Yes	Yes	Yes	Yes†
Secondary Power Source	Yes	Yes	Yes	No
Warning System (excluding earthquake early warning system)	Yes	Yes	Yes	No
Earthquake Early Warning System	Yes	Yes	Yes	No
Aquifer Recharge, Storage and Recovery	Yes	Yes	Yes	Yes***
Innovative Mitigation Project††	Yes	Yes	Yes	Yes
3. Management Costs	Yes	Yes	Yes	Yes

Plan Adoption and Maintenance

- Each participating jurisdiction must have adopted mitigation plan
- FEMA regulations require complete update every 5 years
- FEMA requires a formal plan maintenance process to ensure that the mitigation plan remains active and relevant



Plan Adoption and Maintenance

- Who, how, and when will the plan be monitored, evaluated, and updated?
 - Through Emergency Management Coordination
 - After hazard events
 - Committee members report on status of mitigation actions
 - Involve and notify public of maintenance process- press release, discussion at public meetings

FY23 BRIC/FMA and HMGP



Thank you for your time!

Any questions?



Dade County HMP Update Meeting

The Dade County Hazard Mitigation Plan Update Meeting will take place on Wednesday, March 29th, at 2 PM. It will be held at 719 S Main Street in Lockwood. The meeting is open to the public.

If you have any questions, please contact Thomas Cunningham, Associate Planner, at TCunningham@MissouriState.edu.

Tags:

Dade County



Upcoming Meeting • Hazard Mitigation • Meeting



Dade County HMP Update Meeting 2

The Dade County Hazard Mitigation Plan Update meeting #3 will take place Tuesday, April 25, at 2 PM. It will be held at 2 North Main Street in Greenfield. This meeting is open to the public.

If you have any questions, please contact Thomas Cunningham, Associate Planner, at TCunningham@missouristate.edu.

Tags:

Dade County hazard mitigation

Hazard Mitigation • Upcoming Meeting • Meeting

Dade County HMP Update Meeting 3

The Dade County Hazard Mitigation Plan Update meeting #3 will take place Tuesday, May 30, at 2 PM. It will be held at 2 North Main Street in Greenfield. This meeting is open to the public.

If you have any questions, please contact Thomas Cunningham, Associate Planner, at TCunningham@missouristate.edu.

Tags:

Dade County hazard mitigation

Hazard Mitigation • Upcoming Meeting • Meeting

Dade County HMP Update Meeting 3

The Dade County Hazard Mitigation Plan Update meeting #3 will take place Tuesday, May 30, at 2 PM. It will be held at 2 North Main Street in Greenfield. This meeting is open to the public.

If you have any questions, please contact Thomas Cunningham, Associate Planner, at TCunningham@missouristate.edu.

Tags:

Dade County hazard mitigation

[Hazard Mitigation](#) • [Upcoming Meeting](#) • [Meeting](#)

Dade County HMP Update Meeting 5

The Dade County Hazard Mitigation Plan Update meeting #4 will take place Thursday, July 29, at 2 PM. It will be held at 2 North Main Street in Greenfield. This meeting is open to the public.

If you have any questions, please contact Thomas Cunningham, Associate Planner, at TCunningham@missouristate.edu.

Tags:

Dade County hazard mitigation

Hazard Mitigation • Upcoming Meeting • Meeting

Dade County Natural Hazard Mitigation Plan Update Meeting 1

Lockwood, MO

Wednesday, March 29, 2 PM

Name	Title	Jurisdiction/Organization	Email
Gary BANTA	Chief	Dade Co R-4 RFPD	firechiefBANTA@hotmail.com
Greg Allen	Chief	Lockwood Fire Protection District	sermond.roth@yahoo.com
Chris Kell	Superintendent	Greenfield R-IV	ckell@greenfieldr4.org
Tim Larkin	Chief of Police	City of Greenfield	Tim@greenfieldmo.org
Dave ENGROFF	Mayor Greenfield	City of Greenfield	Daveengroff32@gmail.com
Tucker Berry	Firefighter/ Public Information	Lockwood Fire Protection District	jacomoplanning@gmail.com
Joy Finley	Lockwood City Clerk	City of Lockwood	cityclerk@lockwoodmo.com
Cynthia Trapp	Arcola City Clerk	Village of Arcola	arcolamo@yahoo.com
Kim Kinder	Presiding Commissioner	Dade County	kimkinder69@hotmail.com
Darren Gallup	Emergency Mgmt. Director	Dade County	dgallup.dadecountyemo@gmail.com
Isaac Dadd	City Superintendent	City of Lockwood	citysuperintendent@lockwoodmo.com

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Dade County Natural Hazard Mitigation Plan Update Meeting 2

Greenfield

Tuesday, April 25, 2 PM

Name	Title	Jurisdiction/Organization	Email
Chris Kell	Superintendent	Greenfield R-W	ckell@greenfieldny.org
Darrin Gallup	EMD	Dade County	dgallup.dadecountyEMD@gmail.com
Clay Lasater	Superintendent	Lakewood Schools	clasater@igers.k12.la.org
Cassy Farmer	Superintendent	Dadeville School	cfarmer@dadeville.k12.mo.us
Kim Kinder	Commissioner	Dade Co.	kimkinder69@hotmail.com
Tim Larkin	Chief of Police	City of Greenfield	Tim@greenfieldmo.org
Lori Snees	Director	Dade Co ES 911	lsnees@dadecounty911.gov
Lori Snees	Secretary	Dadeville Fire	"
Isaac Dock	City Superintendent	City of Lakewood	citysuperintendent@lakewoodmo.com

STAPLEE Worksheet		
Name of Jurisdiction:	Dade County	
Action or Project		
Action/Project Number:	Dade County 1.1	
Name of Action or Project:	Low water crossing markers - Maintain and replace low water markers, as needed	
Mitigation Category:	Structure and Infrastructure Projects	
STAPLEE Criteria Evaluation Rating Definitely YES = 3 Maybe YES = 2 Probably NO = 1 Definitely NO = 0		Score
S: Is it Socially Acceptable		3
T: Is it Technically feasible and potentially successful?		3
A: Does the jurisdiction have the Administrative capacity to execute this action?		2
P: Is it Politically acceptable?		3
L: Is there Legal authority to implement?		2
E: Is it Economically beneficial?		2
E: Will the project have either a neutral or positive impact on the natural Environment ?		2
Will historic structures be saved or protected?		2
Could it be implemented quickly?		1
STAPLEE SCORE		20
Mitigation Effectiveness Criteria	Evaluation Rating	Score
Will the implemented action result in lives saved?	Assign from 5-10 points based on the likelihood that lives will be saved.	8
Will the implemented action result in a reduction of disaster damages?	Assign from 5-10 points based on the relative reduction of disaster damages.	8
MITIGATION EFFECTIVENESS SCORE		16
TOTAL SCORE (STAPLEE + Mitigation Effectiveness)		36

<input type="checkbox"/> High Priority (30+ points)	<input type="checkbox"/> Medium Priority (25 - 29 points)	<input type="checkbox"/> Low Priority (<25 points)
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Completed by
(Name, Title, Phone Number)

Darren Gallup

STAPLEE Worksheet

Name of Jurisdiction:	Dade County
Action or Project	
Action/Project Number:	Dade County 1.2
Name of Action or Project:	NOAA weather radios - Use NOAA all-hazard radios with S.A.M.E technology in all critical/vulnerable facilities, residences, businesses, and places of population concentration.
Mitigation Category:	Prevention

STAPLEE Criteria	Score	
Evaluation Rating		
Definitely YES = 3 Maybe YES = 2 Probably NO = 1 Definitely NO = 0		
S: Is it Socially Acceptable	3	
T: Is it Technically feasible and potentially successful?	2	
A: Does the jurisdiction have the Administrative capacity to execute this action?	3	
P: Is it Politically acceptable?	3	
L: Is there Legal authority to implement?	3	
E: Is it Economically beneficial?	2	
E: Will the project have either a neutral or positive impact on the natural Environment ?	3	
Will historic structures be saved or protected?	0	
Could it be implemented quickly?	3	
STAPLEE SCORE	22	
Mitigation Effectiveness Criteria	Evaluation Rating	Score
Will the implemented action result in lives saved?	Assign from 5-10 points based on the likelihood that lives will be saved.	8
Will the implemented action result in a reduction of disaster damages?	Assign from 5-10 points based on the relative reduction of disaster damages.	2
MITIGATION EFFECTIVENESS SCORE		10
TOTAL SCORE (STAPLEE + Mitigation Effectiveness)		32

<input type="checkbox"/> High Priority (30+ points)	<input type="checkbox"/> Medium Priority (25 - 29 points)	<input type="checkbox"/> Low Priority (<25 points)
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Completed by _____
 (Name, Title, Phone Number) Darren Gallup

STAPLEE Worksheet		
Name of Jurisdiction:	Dade County	
Action or Project		
Action/Project Number:	Dade County 1.3	
Name of Action or Project:	Outdoor storm sirens - Install additional radio-controlled storm warning sirens in areas of population concentration	
Mitigation Category:	Structure and Infrastructure Projects	
STAPLEE Criteria Evaluation Rating Definitely YES = 3 Maybe YES = 2 Probably NO = 1 Definitely NO = 0		Score
S: Is it Socially Acceptable		3
T: Is it Technically feasible and potentially successful?		1
A: Does the jurisdiction have the Administrative capacity to execute this action?		2
P: Is it Politically acceptable?		3
L: Is there Legal authority to implement?		3
E: Is it Economically beneficial?		2
E: Will the project have either a neutral or positive impact on the natural Environment ?		3
Will historic structures be saved or protected?		3
Could it be implemented quickly?		0
STAPLEE SCORE		20
Mitigation Effectiveness Criteria	Evaluation Rating	Score
Will the implemented action result in lives saved?	Assign from 5-10 points based on the likelihood that lives will be saved.	3
Will the implemented action result in a reduction of disaster damages?	Assign from 5-10 points based on the relative reduction of disaster damages.	3
MITIGATION EFFECTIVENESS SCORE		6
TOTAL SCORE (STAPLEE + Mitigation Effectiveness)		26

<input type="checkbox"/> High Priority (30+ points)	<input type="checkbox"/> Medium Priority (25 - 29 points)	<input type="checkbox"/> Low Priority (<25 points)
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Completed by
(Name, Title, Phone Number)

Darren Gallup

STAPLEE Worksheet		
Name of Jurisdiction:	Dade County	
Action or Project		
Action/Project Number:	Dade County 1.4	
Name of Action or Project:	Alert systems - Use available alert and automated messaging systems to provide storm warning.	
Mitigation Category:	Prevention	
STAPLEE Criteria Evaluation Rating Definitely YES = 3 Maybe YES = 2 Probably NO = 1 Definitely NO = 0		Score
S: Is it Socially Acceptable		2
T: Is it Technically feasible and potentially successful?		1
A: Does the jurisdiction have the Administrative capacity to execute this action?		2
P: Is it Politically acceptable?		3
L: Is there Legal authority to implement?		3
E: Is it Economically beneficial?		2
E: Will the project have either a neutral or positive impact on the natural Environment ?		3
Will historic structures be saved or protected?		3
Could it be implemented quickly?		1
STAPLEE SCORE		18
Mitigation Effectiveness Criteria	Evaluation Rating	Score
Will the implemented action result in lives saved?	Assign from 5-10 points based on the likelihood that lives will be saved.	5
Will the implemented action result in a reduction of disaster damages?	Assign from 5-10 points based on the relative reduction of disaster damages.	5
MITIGATION EFFECTIVENESS SCORE		10
TOTAL SCORE (STAPLEE + Mitigation Effectiveness)		28

<input type="checkbox"/> High Priority (30+ points)	<input type="checkbox"/> Medium Priority (25 - 29 points)	<input type="checkbox"/> Low Priority (<25 points)
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Completed by _____
 (Name, Title, Phone Number)

STAPLEE Worksheet		
Name of Jurisdiction:	Dade County	
Action or Project		
Action/Project Number:	Dade County 1.5	
Name of Action or Project:	Public Awareness - Provide educational materials on natural hazards and ways to reduce risk	
Mitigation Category:	Education and Outreach	
STAPLEE Criteria Evaluation Rating Definitely YES = 3 Maybe YES = 2 Probably NO = 1 Definitely NO = 0		Score
S: Is it Socially Acceptable		2
T: Is it Technically feasible and potentially successful?		2
A: Does the jurisdiction have the Administrative capacity to execute this action?		2
P: Is it Politically acceptable?		2
L: Is there Legal authority to implement?		2
E: Is it Economically beneficial?		2
E: Will the project have either a neutral or positive impact on the natural Environment ?		2
Will historic structures be saved or protected?		2
Could it be implemented quickly?		1
STAPLEE SCORE		17
Mitigation Effectiveness Criteria	Evaluation Rating	Score
Will the implemented action result in lives saved?	Assign from 5-10 points based on the likelihood that lives will be saved.	7
Will the implemented action result in a reduction of disaster damages?	Assign from 5-10 points based on the relative reduction of disaster damages.	5
MITIGATION EFFECTIVENESS SCORE		12
TOTAL SCORE (STAPLEE + Mitigation Effectiveness)		29

<input type="checkbox"/> High Priority (30+ points)	<input type="checkbox"/> Medium Priority (25 - 29 points)	<input type="checkbox"/> Low Priority (<25 points)
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Completed by _____
 (Name, Title, Phone Number)

STAPLEE Worksheet

Name of Jurisdiction: Dade County

Action or Project

Action/Project Number: Dade County 1.6

Name of Action or Project: Information website - Establish an emergency management website for the county that includes hazard mitigation educational information.

Mitigation Category: Education and Outreach

STAPLEE Criteria		Score
Evaluation Rating		
Definitely YES = 3	Maybe YES = 2	
Probably NO = 1	Definitely NO = 0	

S: Is it **Socially** Acceptable 3

T: Is it **Technically** feasible and potentially successful? 3

A: Does the jurisdiction have the **Administrative** capacity to execute this action? 1

P: Is it **Politically** acceptable? 3

L: Is there **Legal** authority to implement? 3

E: Is it **Economically** beneficial? 2

E: Will the project have either a neutral or positive impact on the natural **Environment**? 2

Will historic structures be saved or protected? 3

Could it be implemented quickly? 1

STAPLEE SCORE 24

Mitigation Effectiveness Criteria	Evaluation Rating	Score
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Will the implemented action result in lives saved? Assign from 5-10 points based on the likelihood that lives will be saved. 7

Will the implemented action result in a reduction of disaster damages? Assign from 5-10 points based on the relative reduction of disaster damages. 7

MITIGATION EFFECTIVENESS SCORE 14

TOTAL SCORE (STAPLEE + Mitigation Effectiveness) 35

<input type="checkbox"/> High Priority (30+ points)	<input type="checkbox"/> Medium Priority (25 - 29 points)	<input type="checkbox"/> Low Priority (<25 points)
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Completed by _____
(Name, Title, Phone Number)

STAPLEE Worksheet		
Name of Jurisdiction:	Dade County	
Action or Project		
Action/Project Number:	Dade County 1.7	
Name of Action or Project:	Retrofit existing facilities - Where feasible, retrofit doors and windows in existing critical/vulnerable facilities serving concentrated populations.	
Mitigation Category:	Structure and Infrastructure Projects	
STAPLEE Criteria Evaluation Rating Definitely YES = 3 Maybe YES = 2 Probably NO = 1 Definitely NO = 0		Score
S: Is it Socially Acceptable		2
T: Is it Technically feasible and potentially successful?		2
A: Does the jurisdiction have the Administrative capacity to execute this action?		1
P: Is it Politically acceptable?		3
L: Is there Legal authority to implement?		2
E: Is it Economically beneficial?		1
E: Will the project have either a neutral or positive impact on the natural Environment ?		2
Will historic structures be saved or protected?		2
Could it be implemented quickly?		0
STAPLEE SCORE		15
Mitigation Effectiveness Criteria	Evaluation Rating	Score
Will the implemented action result in lives saved?	Assign from 5-10 points based on the likelihood that lives will be saved.	5
Will the implemented action result in a reduction of disaster damages?	Assign from 5-10 points based on the relative reduction of disaster damages.	5
MITIGATION EFFECTIVENESS SCORE		10
TOTAL SCORE (STAPLEE + Mitigation Effectiveness)		25

<input type="checkbox"/> High Priority (30+ points)	<input type="checkbox"/> Medium Priority (25 - 29 points)	<input checked="" type="checkbox"/> Low Priority (<25 points)
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Completed by _____
 (Name, Title, Phone Number)

STAPLEE Worksheet		
Name of Jurisdiction:	Dade County	
Action or Project		
Action/Project Number:	Dade County 1.8	
Name of Action or Project:	Safe room construction -Construct tornado/severe wind safe rooms in areas of population concentration.	
Mitigation Category:	Structure and Infrastructure Projects	
STAPLEE Criteria Evaluation Rating Definitely YES = 3 Maybe YES = 2 Probably NO = 1 Definitely NO = 0		Score
S: Is it Socially Acceptable		3
T: Is it Technically feasible and potentially successful?		2
A: Does the jurisdiction have the Administrative capacity to execute this action?		2
P: Is it Politically acceptable?		3
L: Is there Legal authority to implement?		2
E: Is it Economically beneficial?		2
E: Will the project have either a neutral or positive impact on the natural Environment ?		3
Will historic structures be saved or protected?		0
Could it be implemented quickly?		0
STAPLEE SCORE		17
Mitigation Effectiveness Criteria	Evaluation Rating	Score
Will the implemented action result in lives saved?	Assign from 5-10 points based on the likelihood that lives will be saved.	8
Will the implemented action result in a reduction of disaster damages?	Assign from 5-10 points based on the relative reduction of disaster damages.	8
MITIGATION EFFECTIVENESS SCORE		16
TOTAL SCORE (STAPLEE + Mitigation Effectiveness)		33

<input type="checkbox"/> High Priority (30+ points)	<input type="checkbox"/> Medium Priority (25 - 29 points)	<input type="checkbox"/> Low Priority (<25 points)
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Completed by _____
 (Name, Title, Phone Number)

STAPLEE Worksheet		
Name of Jurisdiction:	Dade County	
Action or Project		
Action/Project Number:	Dade County 1.9	
Name of Action or Project:	Community programs - Continue community programs to provide fans, winter weatherization, and other donations for vulnerable populations during weather extremes.	
Mitigation Category:	Education and Outreach	
STAPLEE Criteria Evaluation Rating Definitely YES = 3 Maybe YES = 2 Probably NO = 1 Definitely NO = 0		Score
S: Is it Socially Acceptable		3
T: Is it Technically feasible and potentially successful?		2
A: Does the jurisdiction have the Administrative capacity to execute this action?		2
P: Is it Politically acceptable?		2
L: Is there Legal authority to implement?		1
E: Is it Economically beneficial?		2
E: Will the project have either a neutral or positive impact on the natural Environment ?		1
Will historic structures be saved or protected?		2
Could it be implemented quickly?		2
STAPLEE SCORE		18
Mitigation Effectiveness Criteria	Evaluation Rating	Score
Will the implemented action result in lives saved?	Assign from 5-10 points based on the likelihood that lives will be saved.	5
Will the implemented action result in a reduction of disaster damages?	Assign from 5-10 points based on the relative reduction of disaster damages.	5
MITIGATION EFFECTIVENESS SCORE		10
TOTAL SCORE (STAPLEE + Mitigation Effectiveness)		28

<input type="checkbox"/> High Priority (30+ points)	<input type="checkbox"/> Medium Priority (25 - 29 points)	<input type="checkbox"/> Low Priority (<25 points)
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Completed by _____
 (Name, Title, Phone Number)

STAPLEE Worksheet		
Name of Jurisdiction:	Dade County	
Action or Project		
Action/Project Number:	Dade County 2.1	
Name of Action or Project:	Backup generators - Install emergency backup generators where needed for critical and vulnerable facilities and infrastructure.	
Mitigation Category:	Structure and Infrastructure Projects	
STAPLEE Criteria Evaluation Rating Definitely YES = 3 Maybe YES = 2 Probably NO = 1 Definitely NO = 0		Score
S: Is it Socially Acceptable		2
T: Is it Technically feasible and potentially successful?		2
A: Does the jurisdiction have the Administrative capacity to execute this action?		1
P: Is it Politically acceptable?		3
L: Is there Legal authority to implement?		3
E: Is it Economically beneficial?		2
E: Will the project have either a neutral or positive impact on the natural Environment ?		2
Will historic structures be saved or protected?		2
Could it be implemented quickly?		1
STAPLEE SCORE		18
Mitigation Effectiveness Criteria	Evaluation Rating	Score
Will the implemented action result in lives saved?	Assign from 5-10 points based on the likelihood that lives will be saved.	7
Will the implemented action result in a reduction of disaster damages?	Assign from 5-10 points based on the relative reduction of disaster damages.	7
MITIGATION EFFECTIVENESS SCORE		14
TOTAL SCORE (STAPLEE + Mitigation Effectiveness)		32

<input type="checkbox"/> High Priority (30+ points)	<input type="checkbox"/> Medium Priority (25 - 29 points)	<input type="checkbox"/> Low Priority (<25 points)
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Completed by _____
 (Name, Title, Phone Number)

STAPLEE Worksheet		
Name of Jurisdiction:	Dade County	
Action or Project		
Action/Project Number:	Dade County 2.2	
Name of Action or Project:	Low water crossing upgrades - Improve low water crossings that frequently flood	
Mitigation Category:	Structure and Infrastructure Projects	
STAPLEE Criteria Evaluation Rating Definitely YES = 3 Maybe YES = 2 Probably NO = 1 Definitely NO = 0		Score
S: Is it Socially Acceptable		2
T: Is it Technically feasible and potentially successful?		2
A: Does the jurisdiction have the Administrative capacity to execute this action?		2
P: Is it Politically acceptable?		2
L: Is there Legal authority to implement?		3
E: Is it Economically beneficial?		1
E: Will the project have either a neutral or positive impact on the natural Environment ?		2
Will historic structures be saved or protected?		2
Could it be implemented quickly?		1
STAPLEE SCORE		17
Mitigation Effectiveness Criteria	Evaluation Rating	Score
Will the implemented action result in lives saved?	Assign from 5-10 points based on the likelihood that lives will be saved.	5
Will the implemented action result in a reduction of disaster damages?	Assign from 5-10 points based on the relative reduction of disaster damages.	5
MITIGATION EFFECTIVENESS SCORE		10
TOTAL SCORE (STAPLEE + Mitigation Effectiveness)		27

<input type="checkbox"/> High Priority (30+ points)	<input type="checkbox"/> Medium Priority (25 - 29 points)	<input type="checkbox"/> Low Priority (<25 points)
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Completed by _____
 (Name, Title, Phone Number)

STAPLEE Worksheet		
Name of Jurisdiction:	Dade County	
Action or Project		
Action/Project Number:	Dade County 2.3	
Name of Action or Project:	Storm water improvements -Where feasible, install and/or improve culverts to eliminate water flow restrictions.	
Mitigation Category:	Structure and Infrastructure Projects	
STAPLEE Criteria Evaluation Rating Definitely YES = 3 Maybe YES = 2 Probably NO = 1 Definitely NO = 0		Score
S: Is it Socially Acceptable		3
T: Is it Technically feasible and potentially successful?		2
A: Does the jurisdiction have the Administrative capacity to execute this action?		2
P: Is it Politically acceptable?		2
L: Is there Legal authority to implement?		2
E: Is it Economically beneficial?		2
E: Will the project have either a neutral or positive impact on the natural Environment ?		2
Will historic structures be saved or protected?		2
Could it be implemented quickly?		1
STAPLEE SCORE		18
Mitigation Effectiveness Criteria	Evaluation Rating	Score
Will the implemented action result in lives saved?	Assign from 5-10 points based on the likelihood that lives will be saved.	5
Will the implemented action result in a reduction of disaster damages?	Assign from 5-10 points based on the relative reduction of disaster damages.	5
MITIGATION EFFECTIVENESS SCORE		10
TOTAL SCORE (STAPLEE + Mitigation Effectiveness)		28

<input type="checkbox"/> High Priority (30+ points)	<input type="checkbox"/> Medium Priority (25 - 29 points)	<input type="checkbox"/> Low Priority (<25 points)
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Completed by _____
 (Name, Title, Phone Number)

STAPLEE Worksheet		
Name of Jurisdiction:	Dade County	
Action or Project		
Action/Project Number:	Dade County 2.4	
Name of Action or Project:	Drought-resistant practices -Encourage best practices for drought-resistant farming.	
Mitigation Category:	Education and Outreach	
STAPLEE Criteria Evaluation Rating Definitely YES = 3 Maybe YES = 2 Probably NO = 1 Definitely NO = 0		Score
S: Is it Socially Acceptable		3
T: Is it Technically feasible and potentially successful?		3
A: Does the jurisdiction have the Administrative capacity to execute this action?		3
P: Is it Politically acceptable?		2
L: Is there Legal authority to implement?		2
E: Is it Economically beneficial?		2
E: Will the project have either a neutral or positive impact on the natural Environment ?		2
Will historic structures be saved or protected?		2
Could it be implemented quickly?		2
STAPLEE SCORE		21
Mitigation Effectiveness Criteria	Evaluation Rating	Score
Will the implemented action result in lives saved?	Assign from 5-10 points based on the likelihood that lives will be saved.	3
Will the implemented action result in a reduction of disaster damages?	Assign from 5-10 points based on the relative reduction of disaster damages.	7
MITIGATION EFFECTIVENESS SCORE		31
TOTAL SCORE (STAPLEE + Mitigation Effectiveness)		

<input type="checkbox"/> High Priority (30+ points)	<input type="checkbox"/> Medium Priority (25 - 29 points)	<input type="checkbox"/> Low Priority (<25 points)
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Completed by _____
 (Name, Title, Phone Number)

STAPLEE Worksheet		
Name of Jurisdiction:	Dade County	
Action or Project		
Action/Project Number:	Dade County 2.5	
Name of Action or Project:	Goals integration - Incorporate the goals, objectives, and mitigation actions from the Dade County Natural Hazard Mitigation Plan into existing and new plans, programs, and regulations where appropriate.	
Mitigation Category:	Education and Outreach	
STAPLEE Criteria Evaluation Rating Definitely YES = 3 Maybe YES = 2 Probably NO = 1 Definitely NO = 0		Score
S: Is it Socially Acceptable		2
T: Is it Technically feasible and potentially successful?		2
A: Does the jurisdiction have the Administrative capacity to execute this action?		2
P: Is it Politically acceptable?		2
L: Is there Legal authority to implement?		2
E: Is it Economically beneficial?		2
E: Will the project have either a neutral or positive impact on the natural Environment ?		2
Will historic structures be saved or protected?		2
Could it be implemented quickly?		18
STAPLEE SCORE		
Mitigation Effectiveness Criteria	Evaluation Rating	Score
Will the implemented action result in lives saved?	Assign from 5-10 points based on the likelihood that lives will be saved.	5
Will the implemented action result in a reduction of disaster damages?	Assign from 5-10 points based on the relative reduction of disaster damages.	5
MITIGATION EFFECTIVENESS SCORE		10
TOTAL SCORE (STAPLEE + Mitigation Effectiveness)		28

<input type="checkbox"/> High Priority (30+ points)	<input type="checkbox"/> Medium Priority (25 - 29 points)	<input type="checkbox"/> Low Priority (<25 points)
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Completed by _____
 (Name, Title, Phone Number)

STAPLEE Worksheet		
Name of Jurisdiction:	Dade County	
Action or Project		
Action/Project Number:	Dade County 2.6	
Name of Action or Project:	NFIP Enforcement - Enforce NFIP floodplain management requirements, including regulating all new and substantially improved construction in the Special Flood Hazard Areas (SFHAs).	
Mitigation Category:	Prevention	
STAPLEE Criteria Evaluation Rating Definitely YES = 3 Maybe YES = 2 Probably NO = 1 Definitely NO = 0		Score
S: Is it Socially Acceptable		2
T: Is it Technically feasible and potentially successful?		2
A: Does the jurisdiction have the Administrative capacity to execute this action?		2
P: Is it Politically acceptable?		2
L: Is there Legal authority to implement?		2
E: Is it Economically beneficial?		2
E: Will the project have either a neutral or positive impact on the natural Environment ?		3
Will historic structures be saved or protected?		2
Could it be implemented quickly?		2
STAPLEE SCORE		21
Mitigation Effectiveness Criteria	Evaluation Rating	Score
Will the implemented action result in lives saved?	Assign from 5-10 points based on the likelihood that lives will be saved.	5
Will the implemented action result in a reduction of disaster damages?	Assign from 5-10 points based on the relative reduction of disaster damages.	5
MITIGATION EFFECTIVENESS SCORE		10
TOTAL SCORE (STAPLEE + Mitigation Effectiveness)		31

<input type="checkbox"/> High Priority (30+ points)	<input type="checkbox"/> Medium Priority (25 - 29 points)	<input type="checkbox"/> Low Priority (<25 points)
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Completed by _____
 (Name, Title, Phone Number)

STAPLEE Worksheet		
Name of Jurisdiction:	Dade County	
Action or Project		
Action/Project Number:	Dade County 2.7	
Name of Action or Project:	Burn restrictions - enforce burn restrictions during time of weather conditions conducive to the spread of wildfire.	
Mitigation Category:	Prevention	
STAPLEE Criteria Evaluation Rating Definitely YES = 3 Maybe YES = 2 Probably NO = 1 Definitely NO = 0		Score
S: Is it Socially Acceptable		2
T: Is it Technically feasible and potentially successful?		2
A: Does the jurisdiction have the Administrative capacity to execute this action?		2
P: Is it Politically acceptable?		2
L: Is there Legal authority to implement?		2
E: Is it Economically beneficial?		3
E: Will the project have either a neutral or positive impact on the natural Environment ?		3
Will historic structures be saved or protected?		2
Could it be implemented quickly?		2
STAPLEE SCORE		10
Mitigation Effectiveness Criteria	Evaluation Rating	Score
Will the implemented action result in lives saved?	Assign from 5-10 points based on the likelihood that lives will be saved.	5
Will the implemented action result in a reduction of disaster damages?	Assign from 5-10 points based on the relative reduction of disaster damages.	5
MITIGATION EFFECTIVENESS SCORE		10
TOTAL SCORE (STAPLEE + Mitigation Effectiveness)		30

<input type="checkbox"/> High Priority (30+ points)	<input type="checkbox"/> Medium Priority (25 - 29 points)	<input type="checkbox"/> Low Priority (<25 points)
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Completed by _____
 (Name, Title, Phone Number)

STAPLEE Worksheet		
Name of Jurisdiction:	Dade County	
Action or Project		
Action/Project Number:	Dade County 2.8	
Name of Action or Project:	Ditches - Cut ditches in areas of hills and curves on gravel roads to keep water from washing out roadways.	
Mitigation Category:	Prevention	
STAPLEE Criteria Evaluation Rating Definitely YES = 3 Maybe YES = 2 Probably NO = 1 Definitely NO = 0		Score
S: Is it Socially Acceptable		2
T: Is it Technically feasible and potentially successful?		2
A: Does the jurisdiction have the Administrative capacity to execute this action?		2
P: Is it Politically acceptable?		2
L: Is there Legal authority to implement?		2
E: Is it Economically beneficial?		2
E: Will the project have either a neutral or positive impact on the natural Environment ?		2
Will historic structures be saved or protected?		2
Could it be implemented quickly?		2
STAPLEE SCORE		18
Mitigation Effectiveness Criteria	Evaluation Rating	Score
Will the implemented action result in lives saved?	Assign from 5-10 points based on the likelihood that lives will be saved.	5
Will the implemented action result in a reduction of disaster damages?	Assign from 5-10 points based on the relative reduction of disaster damages.	5
MITIGATION EFFECTIVENESS SCORE		10
TOTAL SCORE (STAPLEE + Mitigation Effectiveness)		28

<input type="checkbox"/> High Priority (30+ points)	<input type="checkbox"/> Medium Priority (25 - 29 points)	<input type="checkbox"/> Low Priority (<25 points)
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Completed by _____
 (Name, Title, Phone Number)

STAPLEE Worksheet		
Name of Jurisdiction:	Dade County	
Action or Project		
Action/Project Number:	Dade County 2.9	
Name of Action or Project:	Hulston Bridge - Replace Hulston Bridge and approaches at the end of EE Hwy in order to eliminate frequent flooding.	
Mitigation Category:	Structure and Infrastructure Projects	
STAPLEE Criteria Evaluation Rating Definitely YES = 3 Maybe YES = 2 Probably NO = 1 Definitely NO = 0		Score
S: Is it Socially Acceptable		2
T: Is it Technically feasible and potentially successful?		2
A: Does the jurisdiction have the Administrative capacity to execute this action?		2
P: Is it Politically acceptable?		2
L: Is there Legal authority to implement?		2
E: Is it Economically beneficial?		2
E: Will the project have either a neutral or positive impact on the natural Environment ?		2
Will historic structures be saved or protected?		2
Could it be implemented quickly?		2
STAPLEE SCORE		18
Mitigation Effectiveness Criteria	Evaluation Rating	Score
Will the implemented action result in lives saved?	Assign from 5-10 points based on the likelihood that lives will be saved.	7
Will the implemented action result in a reduction of disaster damages?	Assign from 5-10 points based on the relative reduction of disaster damages.	7
MITIGATION EFFECTIVENESS SCORE		32
TOTAL SCORE (STAPLEE + Mitigation Effectiveness)		

<input type="checkbox"/> High Priority (30+ points)	<input type="checkbox"/> Medium Priority (25 - 29 points)	<input type="checkbox"/> Low Priority (<25 points)
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Completed by _____
 (Name, Title, Phone Number)

STAPLEE Worksheet		
Name of Jurisdiction:	Dade County	
Action or Project		
Action/Project Number:	Dade County 3.1	
Name of Action or Project:	Information sharing - Share information with all jurisdictions and entities responsible for critical/vulnerable facilities and services.	
Mitigation Category:	Education and Outreach	
STAPLEE Criteria		Score
Evaluation Rating Definitely YES = 3 Maybe YES = 2 Probably NO = 1 Definitely NO = 0		
S: Is it Socially Acceptable		2
T: Is it Technically feasible and potentially successful?		2
A: Does the jurisdiction have the Administrative capacity to execute this action?		2
P: Is it Politically acceptable?		2
L: Is there Legal authority to implement?		2
E: Is it Economically beneficial?		2
E: Will the project have either a neutral or positive impact on the natural Environment ?		2
Will historic structures be saved or protected?		2
Could it be implemented quickly?		2
STAPLEE SCORE		18
Mitigation Effectiveness Criteria	Evaluation Rating	Score
Will the implemented action result in lives saved?	Assign from 5-10 points based on the likelihood that lives will be saved.	5
Will the implemented action result in a reduction of disaster damages?	Assign from 5-10 points based on the relative reduction of disaster damages.	5
MITIGATION EFFECTIVENESS SCORE		10
TOTAL SCORE (STAPLEE + Mitigation Effectiveness)		28

<input type="checkbox"/> High Priority (30+ points)	<input type="checkbox"/> Medium Priority (25 - 29 points)	<input type="checkbox"/> Low Priority (<25 points)
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Completed by _____
 (Name, Title, Phone Number)

STAPLEE Worksheet		
Name of Jurisdiction:	Dade County	
Action or Project		
Action/Project Number:	Dade County 3.2	
Name of Action or Project:	Emergency response access - Require all communities to have emergency response access to all portions of their jurisdictions	
Mitigation Category:	Emergency Services	
STAPLEE Criteria Evaluation Rating Definitely YES = 3 Maybe YES = 2 Probably NO = 1 Definitely NO = 0		Score
S: Is it Socially Acceptable		2
T: Is it Technically feasible and potentially successful?		2
A: Does the jurisdiction have the Administrative capacity to execute this action?		2
P: Is it Politically acceptable?		2
L: Is there Legal authority to implement?		2
E: Is it Economically beneficial?		2
E: Will the project have either a neutral or positive impact on the natural Environment ?		2
Will historic structures be saved or protected?		2
Could it be implemented quickly?		2
STAPLEE SCORE		18
Mitigation Effectiveness Criteria	Evaluation Rating	Score
Will the implemented action result in lives saved?	Assign from 5-10 points based on the likelihood that lives will be saved.	5
Will the implemented action result in a reduction of disaster damages?	Assign from 5-10 points based on the relative reduction of disaster damages.	5
MITIGATION EFFECTIVENESS SCORE		10
TOTAL SCORE (STAPLEE + Mitigation Effectiveness)		28

<input type="checkbox"/> High Priority (30+ points)	<input type="checkbox"/> Medium Priority (25 - 29 points)	<input type="checkbox"/> Low Priority (<25 points)
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Completed by _____
 (Name, Title, Phone Number)

STAPLEE Worksheet		
Name of Jurisdiction:	Dade County	
Action or Project		
Action/Project Number:	Dade County 3.3	
Name of Action or Project:	Equipment upgrades - Review and upgrade equipment as identified and budget for additional emergency equipment to enhance protection and response during disaster events.	
Mitigation Category:	Structure and Infrastructure Projects	
STAPLEE Criteria Evaluation Rating Definitely YES = 3 Maybe YES = 2 Probably NO = 1 Definitely NO = 0		Score
S: Is it Socially Acceptable		3
T: Is it Technically feasible and potentially successful?		2
A: Does the jurisdiction have the Administrative capacity to execute this action?		2
P: Is it Politically acceptable?		3
L: Is there Legal authority to implement?		3
E: Is it Economically beneficial?		2
E: Will the project have either a neutral or positive impact on the natural Environment ?		2
Will historic structures be saved or protected?		2
Could it be implemented quickly?		1
STAPLEE SCORE		20
Mitigation Effectiveness Criteria	Evaluation Rating	Score
Will the implemented action result in lives saved?	Assign from 5-10 points based on the likelihood that lives will be saved.	7
Will the implemented action result in a reduction of disaster damages?	Assign from 5-10 points based on the relative reduction of disaster damages.	7
MITIGATION EFFECTIVENESS SCORE		14
TOTAL SCORE (STAPLEE + Mitigation Effectiveness)		34

<input type="checkbox"/> High Priority (30+ points)	<input type="checkbox"/> Medium Priority (25 - 29 points)	<input type="checkbox"/> Low Priority (<25 points)
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Completed by _____
 (Name, Title, Phone Number)

STAPLEE Worksheet		
Name of Jurisdiction:	Dade County	
Action or Project		
Action/Project Number:	Dade County 3.4	
Name of Action or Project:	Evacuation and emergency access - Review emergency access routes and evacuation routes and work with the responsible entities to minimize or reduce identified problems.	
Mitigation Category:	Emergency Services	
STAPLEE Criteria Evaluation Rating Definitely YES = 3 Maybe YES = 2 Probably NO = 1 Definitely NO = 0		Score
S: Is it Socially Acceptable		2
T: Is it Technically feasible and potentially successful?		2
A: Does the jurisdiction have the Administrative capacity to execute this action?		2
P: Is it Politically acceptable?		2
L: Is there Legal authority to implement?		2
E: Is it Economically beneficial?		2
E: Will the project have either a neutral or positive impact on the natural Environment ?		2
Will historic structures be saved or protected?		2
Could it be implemented quickly?		2
STAPLEE SCORE		18
Mitigation Effectiveness Criteria	Evaluation Rating	Score
Will the implemented action result in lives saved?	Assign from 5-10 points based on the likelihood that lives will be saved.	5
Will the implemented action result in a reduction of disaster damages?	Assign from 5-10 points based on the relative reduction of disaster damages.	5
MITIGATION EFFECTIVENESS SCORE		10
TOTAL SCORE (STAPLEE + Mitigation Effectiveness)		28

<input type="checkbox"/> High Priority (30+ points)	<input type="checkbox"/> Medium Priority (25 - 29 points)	<input type="checkbox"/> Low Priority (<25 points)
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Completed by _____
 (Name, Title, Phone Number)

STAPLEE Worksheet

Name of Jurisdiction: Village of Arcola

Action or Project

Action/Project Number: Village of Arcola 2.1

Name of Action or Project: Backup generators - install emergency backup generators where needed for critical and vulnerable facilities and infrastructure

Mitigation Category: Structure and Infrastructure Projects

STAPLEE Criteria Evaluation Rating		Score
Definitely YES = 3	Maybe YES = 2	
Probably NO = 1	Definitely NO = 0	

S: Is it Socially Acceptable	3
T: Is it Technically feasible and potentially successful?	3
A: Does the jurisdiction have the Administrative capacity to execute this action?	3
P: Is it Politically acceptable?	3
L: Is there Legal authority to implement?	3
E: Is it Economically beneficial?	3
E: Will the project have either a neutral or <u>positive</u> impact on the natural Environment ?	3
Will historic structures be saved or protected?	1
Could it be implemented quickly?	3

STAPLEE SCORE 25

Mitigation Effectiveness Criteria	Evaluation Rating	Score
Will the implemented action result in lives saved?	Assign from 5-10 points based on the likelihood that lives will be saved.	10 10
Will the implemented action result in a reduction of disaster damages?	Assign from 5-10 points based on the relative reduction of disaster damages.	8

MITIGATION EFFECTIVENESS SCORE 18

TOTAL SCORE (STAPLEE + Mitigation Effectiveness) 43

High Priority (30+ points)	Medium Priority (25 - 29 points)	Low Priority (<25 points)
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(30+ points)	(25 - 29 points)	(<25 points)
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Completed by
(Name, Title, Phone Number)

Warren Beasley Chairman

417.808.0263

STAPLEE Worksheet		
Name of Jurisdiction:	Village of Arcola	
Action or Project		
Action/Project Number:	Village of Arcola 2.2	
Name of Action or Project:	NFIP Enforcement - enforce NFIP floodplain management requirements, including regulating all new and substantially improved construction in the Special Flood Hazard Areas (SFHAs)	
Mitigation Category:	Prevention	
STAPLEE Criteria		Score
Evaluation Rating		
Definitely YES = 3	Maybe YES = 2	
Probably NO = 1	Definitely NO = 0	
S: Is it Socially Acceptable		3
T: Is it Technically feasible and potentially successful?		2
A: Does the jurisdiction have the Administrative capacity to execute this action?		2
P: Is it Politically acceptable?		3
L: Is there Legal authority to implement?		3
E: Is it Economically beneficial?		3
E: Will the project have either a neutral or positive impact on the natural Environment ?		3
Will historic structures be saved or protected?		2
Could it be implemented quickly?		1
STAPLEE SCORE		22
Mitigation Effectiveness Criteria	Evaluation Rating	Score
Will the implemented action result in lives saved?	Assign from 5-10 points based on the likelihood that lives will be saved.	4.5
Will the implemented action result in a reduction of disaster damages?	Assign from 5-10 points based on the relative reduction of disaster damages.	8
MITIGATION EFFECTIVENESS SCORE		13
TOTAL SCORE (STAPLEE + Mitigation Effectiveness)		35

High Priority	Medium Priority	Low Priority
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Completed by
(Name, Title, Phone Number)

Warren Beasley Chairman

417.808.0263

STAPLEE Worksheet		
Name of Jurisdiction:	City of Greenfield	
Action or Project		
Action/Project Number:	City of Greenfield 1.1	
Name of Action or Project:	NOAA weather radios - Use NOAA all-hazard radios with S.A.M.E technology in all critical/vulnerable facilities, residences, businesses, and places of population concentration.	
Mitigation Category:	Prevention	
STAPLEE Criteria		Score
Evaluation Rating Definitely YES = 3 Maybe YES = 2 Probably NO = 1 Definitely NO = 0		
S: Is it Socially Acceptable		2
T: Is it Technically feasible and potentially successful?		2
A: Does the jurisdiction have the Administrative capacity to execute this action?		0
P: Is it Politically acceptable?		0
L: Is there Legal authority to implement?		3
E: Is it Economically beneficial?		1
E: Will the project have either a neutral or positive impact on the natural Environment ?		0
Will historic structures be saved or protected?		0
Could it be implemented quickly?		1
STAPLEE SCORE		9
Mitigation Effectiveness Criteria	Evaluation Rating	Score
Will the implemented action result in lives saved?	Assign from 5-10 points based on the likelihood that lives will be saved.	9
Will the implemented action result in a reduction of disaster damages?	Assign from 5-10 points based on the relative reduction of disaster damages.	0
MITIGATION EFFECTIVENESS SCORE		18
TOTAL SCORE (STAPLEE + Mitigation Effectiveness)		

<input type="checkbox"/> High Priority (30+ points)	<input type="checkbox"/> Medium Priority (25 - 29 points)	<input type="checkbox"/> Low Priority (<25 points)
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Completed by _____
 (Name, Title, Phone Number)

STAPLEE Worksheet		
Name of Jurisdiction:	City of Greenfield	
Action or Project		
Action/Project Number:	City of Greenfield 1.2	
Name of Action or Project:	Alert systems - Use available alert and automated messaging systems to provide storm warning.	
Mitigation Category:	Prevention	
STAPLEE Criteria		Score
Evaluation Rating Definitely YES = 3 Maybe YES = 2 Probably NO = 1 Definitely NO = 0		
S: Is it Socially Acceptable		3
T: Is it Technically feasible and potentially successful?		3
A: Does the jurisdiction have the Administrative capacity to execute this action?		3
P: Is it Politically acceptable?		3
L: Is there Legal authority to implement?		3
E: Is it Economically beneficial?		3
E: Will the project have either a neutral or positive impact on the natural Environment ?		3
Will historic structures be saved or protected?		0
Could it be implemented quickly?		3
STAPLEE SCORE		24
Mitigation Effectiveness Criteria	Evaluation Rating	Score
Will the implemented action result in lives saved?	Assign from 5-10 points based on the likelihood that lives will be saved.	10
Will the implemented action result in a reduction of disaster damages?	Assign from 5-10 points based on the relative reduction of disaster damages.	0
MITIGATION EFFECTIVENESS SCORE		
TOTAL SCORE (STAPLEE + Mitigation Effectiveness)		34

<input type="checkbox"/> High Priority (30+ points)	<input type="checkbox"/> Medium Priority (25 - 29 points)	<input type="checkbox"/> Low Priority (<25 points)
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Completed by _____
 (Name, Title, Phone Number)

STAPLEE Worksheet		
Name of Jurisdiction:	City of Greenfield	
Action or Project		
Action/Project Number:	City of Greenfield 1.3	
Name of Action or Project:	Public Awareness - Provide educational materials on natural hazards and ways to reduce risk	
Mitigation Category:	Education and Outreach	
STAPLEE Criteria		Score
Evaluation Rating Definitely YES = 3 Maybe YES = 2 Probably NO = 1 Definitely NO = 0		
S: Is it Socially Acceptable		3
T: Is it Technically feasible and potentially successful?		3
A: Does the jurisdiction have the Administrative capacity to execute this action?		3
P: Is it Politically acceptable?		3
L: Is there Legal authority to implement?		3
E: Is it Economically beneficial?		3
E: Will the project have either a neutral or positive impact on the natural Environment ?		3
Will historic structures be saved or protected?		0
Could it be implemented quickly?		3
STAPLEE SCORE		24
Mitigation Effectiveness Criteria	Evaluation Rating	Score
Will the implemented action result in lives saved?	Assign from 5-10 points based on the likelihood that lives will be saved.	10
Will the implemented action result in a reduction of disaster damages?	Assign from 5-10 points based on the relative reduction of disaster damages.	0
MITIGATION EFFECTIVENESS SCORE		10
TOTAL SCORE (STAPLEE + Mitigation Effectiveness)		34

<input type="checkbox"/> High Priority (30+ points)	<input type="checkbox"/> Medium Priority (25 - 29 points)	<input type="checkbox"/> Low Priority (<25 points)
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Completed by _____
 (Name, Title, Phone Number)

STAPLEE Worksheet		
Name of Jurisdiction:	City of Greenfield	
Action or Project		
Action/Project Number:	City of Greenfield 1.4	
Name of Action or Project:	Safe room construction - Construct tornado/severe wind safe rooms in areas of population concentration.	
Mitigation Category:	Structure and Infrastructure Projects	
STAPLEE Criteria Evaluation Rating Definitely YES = 3 Maybe YES = 2 Probably NO = 1 Definitely NO = 0		Score
S: Is it Socially Acceptable		3
T: Is it Technically feasible and potentially successful?		3
A: Does the jurisdiction have the Administrative capacity to execute this action?		3
P: Is it Politically acceptable?		3
L: Is there Legal authority to implement?		3
E: Is it Economically beneficial?		2
E: Will the project have either a neutral or positive impact on the natural Environment ?		2
Will historic structures be saved or protected?		0
Could it be implemented quickly?		1
STAPLEE SCORE		20
Mitigation Effectiveness Criteria	Evaluation Rating	Score
Will the implemented action result in lives saved?	Assign from 5-10 points based on the likelihood that lives will be saved.	10
Will the implemented action result in a reduction of disaster damages?	Assign from 5-10 points based on the relative reduction of disaster damages.	0
MITIGATION EFFECTIVENESS SCORE		30
TOTAL SCORE (STAPLEE + Mitigation Effectiveness)		

<input type="checkbox"/> High Priority (30+ points)	<input type="checkbox"/> Medium Priority (25 - 29 points)	<input type="checkbox"/> Low Priority (<25 points)
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Completed by _____
 (Name, Title, Phone Number)

STAPLEE Worksheet		
Name of Jurisdiction:	City of Greenfield	
Action or Project		
Action/Project Number:	City of Greenfield 1.5	
Name of Action or Project:	Construction standards - Incorporate hazard mitigation construction standards into design and construction of new facilities.	
Mitigation Category:	Structure and Infrastructure Projects	
STAPLEE Criteria		Score
Evaluation Rating Definitely YES = 3 Maybe YES = 2 Probably NO = 1 Definitely NO = 0		
S: Is it Socially Acceptable		3
T: Is it Technically feasible and potentially successful?		3
A: Does the jurisdiction have the Administrative capacity to execute this action?		3
P: Is it Politically acceptable?		3
L: Is there Legal authority to implement?		3
E: Is it Economically beneficial?		2
E: Will the project have either a neutral or positive impact on the natural Environment ?		2
Will historic structures be saved or protected?		3
Could it be implemented quickly?		2
STAPLEE SCORE		24
Mitigation Effectiveness Criteria	Evaluation Rating	Score
Will the implemented action result in lives saved?	Assign from 5-10 points based on the likelihood that lives will be saved.	8
Will the implemented action result in a reduction of disaster damages?	Assign from 5-10 points based on the relative reduction of disaster damages.	10
MITIGATION EFFECTIVENESS SCORE		18
TOTAL SCORE (STAPLEE + Mitigation Effectiveness)		42

<input type="checkbox"/> High Priority (30+ points)	<input type="checkbox"/> Medium Priority (25 - 29 points)	<input type="checkbox"/> Low Priority (<25 points)
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Completed by _____
 (Name, Title, Phone Number)

STAPLEE Worksheet		
Name of Jurisdiction:	City of Greenfield	
Action or Project		
Action/Project Number:	City of Greenfield 1.6	
Name of Action or Project:	Community programs - Continue community programs to provide fans, winter weatherization, and other donations for vulnerable populations during weather extremes.	
Mitigation Category:	Education and Outreach	
STAPLEE Criteria		Score
Evaluation Rating Definitely YES = 3 Maybe YES = 2 Probably NO = 1 Definitely NO = 0		
S: Is it Socially Acceptable		2
T: Is it Technically feasible and potentially successful?		1
A: Does the jurisdiction have the Administrative capacity to execute this action?		1
P: Is it Politically acceptable?		1
L: Is there Legal authority to implement?		1
E: Is it Economically beneficial?		1
E: Will the project have either a neutral or positive impact on the natural Environment ?		0
Will historic structures be saved or protected?		0
Could it be implemented quickly?		1
STAPLEE SCORE		8
Mitigation Effectiveness Criteria	Evaluation Rating	Score
Will the implemented action result in lives saved?	Assign from 5-10 points based on the likelihood that lives will be saved.	0
Will the implemented action result in a reduction of disaster damages?	Assign from 5-10 points based on the relative reduction of disaster damages.	0
MITIGATION EFFECTIVENESS SCORE		8
TOTAL SCORE (STAPLEE + Mitigation Effectiveness)		

<input type="checkbox"/> High Priority (30+ points)	<input type="checkbox"/> Medium Priority (25 - 29 points)	<input type="checkbox"/> Low Priority (<25 points)
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Completed by _____
 (Name, Title, Phone Number)

STAPLEE Worksheet		
Name of Jurisdiction:	City of Greenfield	
Action or Project		
Action/Project Number:	City of Greenfield 2.1	
Name of Action or Project:	NFIP Enforcement - Enforce NFIP floodplain management requirements, including regulating all new and substantially improved construction in the Special Flood Hazard Areas (SFHAs).	
Mitigation Category:	Prevention	
STAPLEE Criteria		Score
Evaluation Rating Definitely YES = 3 Maybe YES = 2 Probably NO = 1 Definitely NO = 0		
S: Is it Socially Acceptable		3
T: Is it Technically feasible and potentially successful?		3
A: Does the jurisdiction have the Administrative capacity to execute this action?		3
P: Is it Politically acceptable?		2
L: Is there Legal authority to implement?		3
E: Is it Economically beneficial?		2
E: Will the project have either a neutral or positive impact on the natural Environment ?		3
Will historic structures be saved or protected?		3
Could it be implemented quickly?		2
STAPLEE SCORE		24
Mitigation Effectiveness Criteria	Evaluation Rating	Score
Will the implemented action result in lives saved?	Assign from 5-10 points based on the likelihood that lives will be saved.	8
Will the implemented action result in a reduction of disaster damages?	Assign from 5-10 points based on the relative reduction of disaster damages.	10
MITIGATION EFFECTIVENESS SCORE		18
TOTAL SCORE (STAPLEE + Mitigation Effectiveness)		42

<input type="checkbox"/> High Priority (30+ points)	<input type="checkbox"/> Medium Priority (25 - 29 points)	<input type="checkbox"/> Low Priority (<25 points)
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Completed by _____
 (Name, Title, Phone Number)

STAPLEE Worksheet		
Name of Jurisdiction:	City of Lockwood	
Action or Project		
Action/Project Number:	City of Lockwood 1.8	
Name of Action or Project:	Backup generators - Install emergency backup generators where needed for critical and vulnerable facilities and infrastructure.	
Mitigation Category:	Structure and Infrastructure Projects	
STAPLEE Criteria Evaluation Rating Definitely YES = 3 Maybe YES = 2 Probably NO = 1 Definitely NO = 0		Score
S: Is it Socially Acceptable		2
T: Is it Technically feasible and potentially successful?		2
A: Does the jurisdiction have the Administrative capacity to execute this action?		2
P: Is it Politically acceptable?		3
L: Is there Legal authority to implement?		2
E: Is it Economically beneficial?		2
E: Will the project have either a neutral or positive impact on the natural Environment ?		2
Will historic structures be saved or protected?		2
Could it be implemented quickly?		1
STAPLEE SCORE		18
Mitigation Effectiveness Criteria	Evaluation Rating	Score
Will the implemented action result in lives saved?	Assign from 5-10 points based on the likelihood that lives will be saved.	5
Will the implemented action result in a reduction of disaster damages?	Assign from 5-10 points based on the relative reduction of disaster damages.	7
MITIGATION EFFECTIVENESS SCORE		12
TOTAL SCORE (STAPLEE + Mitigation Effectiveness)		30

<input checked="" type="checkbox"/> High Priority (30+ points)	<input type="checkbox"/> Medium Priority (25 - 29 points)	<input type="checkbox"/> Low Priority (<25 points)
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Completed by
(Name, Title, Phone Number)

Isaac Todd City Superintendent 417-955-0559

STAPLEE Worksheet		
Name of Jurisdiction:	City of Lockwood	
Action or Project		
Action/Project Number:	City of Lockwood 2.5	
Name of Action or Project:	Equipment upgrades - Review and upgrade equipment as identified and budget for additional emergency equipment to enhance protection and response during disaster events.	
Mitigation Category:	Structure and Infrastructure Projects	
STAPLEE Criteria Evaluation Rating Definitely YES = 3 Maybe YES = 2 Probably NO = 1 Definitely NO = 0		Score
S: Is it Socially Acceptable		2
T: Is it Technically feasible and potentially successful?		2
A: Does the jurisdiction have the Administrative capacity to execute this action?		2
P: Is it Politically acceptable?		2
L: Is there Legal authority to implement?		1
E: Is it Economically beneficial?		2
E: Will the project have either a neutral or positive impact on the natural Environment ?		2
Will historic structures be saved or protected?		1
Could it be implemented quickly?		1
STAPLEE SCORE		15
Mitigation Effectiveness Criteria	Evaluation Rating	Score
Will the implemented action result in lives saved?	Assign from 5-10 points based on the likelihood that lives will be saved.	NO 5
Will the implemented action result in a reduction of disaster damages?	Assign from 5-10 points based on the relative reduction of disaster damages.	NO 5
MITIGATION EFFECTIVENESS SCORE		10
TOTAL SCORE (STAPLEE + Mitigation Effectiveness)		25
<input type="checkbox"/> High Priority (30+ points)	<input checked="" type="checkbox"/> Medium Priority (25 - 29 points)	<input type="checkbox"/> Low Priority (<25 points)

Completed by
(Name, Title, Phone Number)

Frank Drell, City Superintendent, 417-958-0559

3STAPLEE Worksheet

Name of Jurisdiction:	Village of South Greenfield
Action or Project	
Action/Project Number:	Village of South Greenfield 2.1
Name of Action or Project:	Highway 39 Bridge – replace South Highway 39 bridge in order to reduce damage from frequent flooding
Mitigation Category:	Structure and Infrastructure Projects

STAPLEE Criteria		Score
Evaluation Rating		
Definitely YES = 3 Maybe YES = 2 Probably NO = 1 Definitely NO = 0		
S: Is it Socially Acceptable		3
T: Is it Technically feasible and potentially successful?		3
A: Does the jurisdiction have the Administrative capacity to execute this action?		3
P: Is it Politically acceptable?		3
L: Is there Legal authority to implement?		3
E: Is it Economically beneficial?		3
E: Will the project have either a neutral or positive impact on the natural Environment ?		2
Will historic structures be saved or protected?		3
Could it be implemented quickly?		1
STAPLEE SCORE		24
Mitigation Effectiveness Criteria	Evaluation Rating	Score
Will the implemented action result in lives saved?	Assign from 5-10 points based on the likelihood that lives will be saved.	8
Will the implemented action result in a reduction of disaster damages?	Assign from 5-10 points based on the relative reduction of disaster damages.	8
MITIGATION EFFECTIVENESS SCORE		16
TOTAL SCORE (STAPLEE + Mitigation Effectiveness)		42

<input type="checkbox"/> High Priority (30+ points)	<input type="checkbox"/> Medium Priority (25 - 29 points)	<input type="checkbox"/> Low Priority (<25 points)
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Completed by
(Name, Title, Phone Number)

Came Taylor, City Clerk 417-214-2622

STAPLEE Worksheet

Name of Jurisdiction:	Village of South Greenfield
Action or Project	
Action/Project Number:	Village of South Greenfield 2.2
Name of Action or Project:	City road improvements – elevate city roads to mitigate the effects of flash flooding
Mitigation Category:	Structure and Infrastructure Projects

STAPLEE Criteria		Score
Evaluation Rating		
Definitely YES = 3	Maybe YES = 2	
Probably NO = 1	Definitely NO = 0	
S: Is it Socially Acceptable		3
T: Is it Technically feasible and potentially successful?		3
A: Does the jurisdiction have the Administrative capacity to execute this action?		3
P: Is it Politically acceptable?		3
L: Is there Legal authority to implement?		3
E: Is it Economically beneficial?		3
E: Will the project have either a neutral or positive impact on the natural Environment ?		3
Will historic structures be saved or protected?		3
Could it be implemented quickly?		3
STAPLEE SCORE		27
Mitigation Effectiveness Criteria	Evaluation Rating	Score
Will the implemented action result in lives saved?	Assign from 5-10 points based on the likelihood that lives will be saved.	7
Will the implemented action result in a reduction of disaster damages?	Assign from 5-10 points based on the relative reduction of disaster damages.	10
MITIGATION EFFECTIVENESS SCORE		17
TOTAL SCORE (STAPLEE + Mitigation Effectiveness)		44

<input type="checkbox"/> High Priority (30+ points)	<input type="checkbox"/> Medium Priority (25 - 29 points)	<input type="checkbox"/> Low Priority (<25 points)
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Completed by
(Name, Title, Phone Number)

Carnie Taylor, City Clerk 417-214-2822

STAPLEE Worksheet		
Name of Jurisdiction:	Dadeville R-II School District	
Action or Project		
Action/Project Number:	Dadeville R-II School District 1.1	
Name of Action or Project:	Safe room construction - Construct tornado/severe wind safe rooms in areas of population concentration	
Mitigation Category:	Structure and Infrastructure Projects	
STAPLEE Criteria		Score
Evaluation Rating Definitely YES = 3 Maybe YES = 2 Probably NO = 1 Definitely NO = 0		
S: Is it Socially Acceptable		3
T: Is it Technically feasible and potentially successful?		3
A: Does the jurisdiction have the Administrative capacity to execute this action?		3
P: Is it Politically acceptable?		2
L: Is there Legal authority to implement?		3
E: Is it Economically beneficial?		3
E: Will the project have either a neutral or positive impact on the natural Environment ?		2
Will historic structures be saved or protected?		0
Could it be implemented quickly?		2
STAPLEE SCORE		21
Mitigation Effectiveness Criteria	Evaluation Rating	Score
Will the implemented action result in lives saved?	Assign from 5-10 points based on the likelihood that lives will be saved.	8
Will the implemented action result in a reduction of disaster damages?	Assign from 5-10 points based on the relative reduction of disaster damages.	8
MITIGATION EFFECTIVENESS SCORE		16
TOTAL SCORE (STAPLEE + Mitigation Effectiveness)		37
X		
High Priority (30+ points)	Medium Priority (25 - 29 points)	Low Priority (<25 points)
Cassy Farmer Superintendent, Dadeville School 417-995-2201		

STAPLEE Worksheet		
Name of Jurisdiction:	Dadeville R-II School District	
Action or Project		
Action/Project Number:	Dadeville R-II School District 1.2	
Name of Action or Project:	Construction standards - Incorporate hazard mitigation construction standards into design and construction of new facilities	

Mitigation Category:	Prevention	
STAPLEE Criteria		Score
Evaluation Rating		
Definitely YES = 3 Maybe YES = 2 Probably NO = 1 Definitely NO = 0		
S: Is it Socially Acceptable		3
T: Is it Technically feasible and potentially successful?		2
A: Does the jurisdiction have the Administrative capacity to execute this action?		3
P: Is it Politically acceptable?		2
L: Is there Legal authority to implement?		3
E: Is it Economically beneficial?		2
E: Will the project have either a neutral or positive impact on the natural Environment ?		2
Will historic structures be saved or protected?		0
Could it be implemented quickly?		2
STAPLEE SCORE		19
Mitigation Effectiveness Criteria		Score
Evaluation Rating		
Will the implemented action result in lives saved?	Assign from 5-10 points based on the likelihood that lives will be saved.	8
Will the implemented action result in a reduction of disaster damages?	Assign from 5-10 points based on the relative reduction of disaster damages.	8
MITIGATION EFFECTIVENESS SCORE		16
TOTAL SCORE (STAPLEE + Mitigation Effectiveness)		35
X		
High Priority (30+ points)	Medium Priority (25 - 29 points)	Low Priority (<25 points)
Cassy Farmer Superintendent, Dadeville School 417-995-2201		

STAPLEE Worksheet		
Name of Jurisdiction:	Dadeville R-II School District	
Action or Project		
Action/Project Number:	Dadeville R-II School District 2.1	
Name of Action or Project:	Backup generators - Install emergency backup generators where needed for critical and vulnerable facilities and infrastructure.	
Mitigation Category:	Structure and Infrastructure Projects	
STAPLEE Criteria		Score
Evaluation Rating		
Definitely YES = 3 Maybe YES = 2 Probably NO = 1 Definitely NO = 0		
S: Is it Socially Acceptable		3
T: Is it Technically feasible and potentially successful?		3

A: Does the jurisdiction have the Administrative capacity to execute this action?	3	
P: Is it Politically acceptable?	3	
L: Is there Legal authority to implement?	3	
E: Is it Economically beneficial?	3	
E: Will the project have either a neutral or positive impact on the natural Environment ?	2	
Will historic structures be saved or protected?	0	
Could it be implemented quickly?	3	
STAPLEE SCORE	23	
Mitigation Effectiveness Criteria	Evaluation Rating	Score
Will the implemented action result in lives saved?	Assign from 5-10 points based on the likelihood that lives will be saved.	5
Will the implemented action result in a reduction of disaster damages?	Assign from 5-10 points based on the relative reduction of disaster damages.	8
MITIGATION EFFECTIVENESS SCORE		13
TOTAL SCORE (STAPLEE + Mitigation Effectiveness)		36
X		
High Priority (30+ points)	Medium Priority (25 - 29 points)	Low Priority (<25 points)
Cassy Farmer Superintendent, Dadeville School 417-995-2201		

STAPLEE Worksheet		
Name of Jurisdiction:	Dadeville R-II School District	
Action or Project		
Action/Project Number:	Dadeville R-II School District 2.2	
Name of Action or Project:	Goals integration - Incorporate the goals, objectives, and mitigation actions from the Dade County Natural Hazard Mitigation Plan into existing and new plans, programs, and regulations where appropriate.	
Mitigation Category:	Prevention	
STAPLEE Criteria		Score
Evaluation Rating		
Definitely YES = 3 Maybe YES = 2 Probably NO = 1 Definitely NO = 0		
S: Is it Socially Acceptable		3
T: Is it Technically feasible and potentially successful?		3
A: Does the jurisdiction have the Administrative capacity to execute this action?		3
P: Is it Politically acceptable?		3
L: Is there Legal authority to implement?		3
E: Is it Economically beneficial?		2
E: Will the project have either a neutral or positive impact on the natural		2

Environment?		
Will historic structures be saved or protected?		0
Could it be implemented quickly?		2
STAPLEE SCORE		21
Mitigation Effectiveness Criteria	Evaluation Rating	Score
Will the implemented action result in lives saved?	Assign from 5-10 points based on the likelihood that lives will be saved.	5
Will the implemented action result in a reduction of disaster damages?	Assign from 5-10 points based on the relative reduction of disaster damages.	7
MITIGATION EFFECTIVENESS SCORE		12
TOTAL SCORE (STAPLEE + Mitigation Effectiveness)		34
X		
High Priority (30+ points)	Medium Priority (25 - 29 points)	Low Priority (<25 points)
Cassy Farmer Superintendent, Dadeville School 417-995-2201		

STAPLEE Worksheet		
Name of Jurisdiction:	Dadeville R-II School District	
Action or Project		
Action/Project Number:	Dadeville R-II School District 3.1	
Name of Action or Project:	Information sharing - Share information with all jurisdictions and entities responsible for critical/vulnerable facilities and services.	
Mitigation Category:	Education and Outreach	
STAPLEE Criteria		Score
Evaluation Rating		
Definitely YES = 3 Maybe YES = 2 Probably NO = 1 Definitely NO = 0		
S: Is it Socially Acceptable		3
T: Is it Technically feasible and potentially successful?		3
A: Does the jurisdiction have the Administrative capacity to execute this action?		3
P: Is it Politically acceptable?		3
L: Is there Legal authority to implement?		3
E: Is it Economically beneficial?		2
E: Will the project have either a neutral or positive impact on the natural Environment?		2
Will historic structures be saved or protected?		0
Could it be implemented quickly?		3
STAPLEE SCORE		23
Mitigation Effectiveness Criteria	Evaluation Rating	Score
Will the implemented action result in lives saved?	Assign from 5-10 points based on the likelihood that lives will be saved.	7

Will the implemented action result in a reduction of disaster damages?	Assign from 5-10 points based on the relative reduction of disaster damages.	7
MITIGATION EFFECTIVENESS SCORE		14
TOTAL SCORE (STAPLEE + Mitigation Effectiveness)		37
X		
High Priority (30+ points)	Medium Priority (25 - 29 points)	Low Priority (<25 points)
Cassy Farmer Superintendent, Dadeville School 417-995-2201		

STAPLEE Worksheet		
Name of Jurisdiction:	Dadeville R-II School District	
Action or Project		
Action/Project Number:	Dadeville R-II School District 3.2	
Name of Action or Project:	Annual review - Annually review the Dade County Emergency Operations Plan and Hazard Mitigation Plan	
Mitigation Category:	Education and Outreach	
STAPLEE Criteria		Score
Evaluation Rating		
Definitely YES = 3 Maybe YES = 2 Probably NO = 1 Definitely NO = 0		
S: Is it Socially Acceptable		3
T: Is it Technically feasible and potentially successful?		3
A: Does the jurisdiction have the Administrative capacity to execute this action?		3
P: Is it Politically acceptable?		3
L: Is there Legal authority to implement?		3
E: Is it Economically beneficial?		2
E: Will the project have either a neutral or positive impact on the natural Environment ?		2
Will historic structures be saved or protected?		0
Could it be implemented quickly?		
STAPLEE SCORE		19
Mitigation Effectiveness Criteria	Evaluation Rating	Score
Will the implemented action result in lives saved?	Assign from 5-10 points based on the likelihood that lives will be saved.	7
Will the implemented action result in a reduction of disaster damages?	Assign from 5-10 points based on the relative reduction of disaster damages.	7
MITIGATION EFFECTIVENESS SCORE		14
TOTAL SCORE (STAPLEE + Mitigation Effectiveness)		33
X		

High Priority (30+ points)	Medium Priority (25 - 29 points)	Low Priority (<25 points)
Cassy Farmer Superintendent, Dadeville School 417-995-2201		

STAPLEE Worksheet

Name of Jurisdiction: Greenfield R-IV School District

Action or Project

Action/Project Number: Greenfield R-IV School District 1.1

Name of Action or Project: NOAA weather radios - Use NOAA all-hazard radios with S.A.M.E technology in all critical/vulnerable facilities, residences, businesses, and places of population concentration.

Mitigation Category: Prevention

STAPLEE Criteria	Score
Evaluation Rating Definitely YES = 3 Maybe YES = 2 Probably NO = 1 Definitely NO = 0	

S: Is it Socially Acceptable	3
T: Is it Technically feasible and potentially successful?	3
A: Does the jurisdiction have the Administrative capacity to execute this action?	3
P: Is it Politically acceptable?	3
L: Is there Legal authority to implement?	3
E: Is it Economically beneficial?	3
E: Will the project have either a neutral or positive impact on the natural Environment ?	3
Will historic structures be saved or protected?	2
Could it be implemented quickly?	3

STAPLEE SCORE

Mitigation Effectiveness Criteria	Evaluation Rating	Score
Will the implemented action result in lives saved?	Assign from 5-10 points based on the likelihood that lives will be saved.	8
Will the implemented action result in a reduction of disaster damages?	Assign from 5-10 points based on the relative reduction of disaster damages.	5
MITIGATION EFFECTIVENESS SCORE		12
TOTAL SCORE (STAPLEE + Mitigation Effectiveness)		39

<input checked="" type="checkbox"/> High Priority (30+ points)	<input type="checkbox"/> Medium Priority (25 - 29 points)	<input type="checkbox"/> Low Priority (<25 points)
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Completed by
(Name, Title, Phone Number) Chris Kell, Superintendent, 417-637-5321

STAPLEE Worksheet		
Name of Jurisdiction:	Greenfield R-IV School District	
Action or Project		
Action/Project Number:	Greenfield R-IV School District 1.2	
Name of Action or Project:	Public Awareness - Provide educational materials on natural hazards and ways to reduce risk	
Mitigation Category:	Education and Outreach	
STAPLEE Criteria Evaluation Rating Definitely YES = 3 Maybe YES = 2 Probably NO = 1 Definitely NO = 0		Score
S: Is it Socially Acceptable		3
T: Is it Technically feasible and potentially successful?		3
A: Does the jurisdiction have the Administrative capacity to execute this action?		3
P: Is it Politically acceptable?		3
L: Is there Legal authority to implement?		3
E: Is it Economically beneficial?		2
E: Will the project have either a neutral or positive impact on the natural Environment ?		1
Will historic structures be saved or protected?		1
Could it be implemented quickly?		3
STAPLEE SCORE		
Mitigation Effectiveness Criteria	Evaluation Rating	Score
Will the implemented action result in lives saved?	Assign from 5-10 points based on the likelihood that lives will be saved.	5
Will the implemented action result in a reduction of disaster damages?	Assign from 5-10 points based on the relative reduction of disaster damages.	5
MITIGATION EFFECTIVENESS SCORE		10
TOTAL SCORE (STAPLEE + Mitigation Effectiveness)		32

<input checked="" type="checkbox"/> High Priority (30+ points)	<input type="checkbox"/> Medium Priority (25 - 29 points)	<input type="checkbox"/> Low Priority (<25 points)
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Completed by
(Name, Title, Phone Number)

Chris Kell, Superintendent, 417-637-5321

STAPLEE Worksheet

Name of Jurisdiction:	Greenfield R-IV School District
Action or Project	
Action/Project Number:	Greenfield R-IV School District 1.3
Name of Action or Project:	Retrofit existing facilities - Where feasible, retrofit doors and windows in existing critical/vulnerable facilities serving concentrated populations.
Mitigation Category:	Structure and Infrastructure Projects

STAPLEE Criteria		Score
Evaluation Rating		
Definitely YES = 3	Maybe YES = 2	
Probably NO = 1	Definitely NO = 0	
S: Is it Socially Acceptable		3
T: Is it Technically feasible and potentially successful?		3
A: Does the jurisdiction have the Administrative capacity to execute this action?		3
P: Is it Politically acceptable?		3
L: Is there Legal authority to implement?		3
E: Is it Economically beneficial?		2
E: Will the project have either a neutral or positive impact on the natural Environment ?		1
Will historic structures be saved or protected?		3
Could it be implemented quickly?		0
STAPLEE SCORE		
Mitigation Effectiveness Criteria	Evaluation Rating	Score
Will the implemented action result in lives saved?	Assign from 5-10 points based on the likelihood that lives will be saved.	5
Will the implemented action result in a reduction of disaster damages?	Assign from 5-10 points based on the relative reduction of disaster damages.	5
MITIGATION EFFECTIVENESS SCORE		10
TOTAL SCORE (STAPLEE + Mitigation Effectiveness)		31

<input checked="" type="checkbox"/> High Priority (30+ points)	<input type="checkbox"/> Medium Priority (25 - 29 points)	<input type="checkbox"/> Low Priority (<25 points)
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Completed by (Name, Title, Phone Number) Chris Kell, Superintendent, 417-637-5321

STAPLEE Worksheet

Name of Jurisdiction:	Greenfield R-IV School District
Action or Project	
Action/Project Number:	Greenfield R-IV School District 1.4
Name of Action or Project:	Safe room construction -Construct tornado/severe wind safe rooms in areas of population concentration.
Mitigation Category:	Structure and Infrastructure Projects

STAPLEE Criteria		Score
Evaluation Rating		
Definitely YES = 3	Maybe YES = 2	
Probably NO = 1	Definitely NO = 0	
S: Is it Socially Acceptable		3
T: Is it Technically feasible and potentially successful?		3
A: Does the jurisdiction have the Administrative capacity to execute this action?		3
P: Is it Politically acceptable?		3
L: Is there Legal authority to implement?		3
E: Is it Economically beneficial?		1
E: Will the project have either a neutral or positive impact on the natural Environment ?		1
Will historic structures be saved or protected?		0
Could it be implemented quickly?		0
STAPLEE SCORE		
Mitigation Effectiveness Criteria	Evaluation Rating	Score
Will the implemented action result in lives saved?	Assign from 5-10 points based on the likelihood that lives will be saved.	8
Will the implemented action result in a reduction of disaster damages?	Assign from 5-10 points based on the relative reduction of disaster damages.	5
MITIGATION EFFECTIVENESS SCORE		13
TOTAL SCORE (STAPLEE + Mitigation Effectiveness)		30

<input checked="" type="checkbox"/> High Priority (30+ points)	<input type="checkbox"/> Medium Priority (25 - 29 points)	<input type="checkbox"/> Low Priority (<25 points)
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Completed by
(Name, Title, Phone Number)

Chris Kell, Superintendent, 417-637-5321

STAPLEE Worksheet

Name of Jurisdiction:	Greenfield R-IV School District	
Action or Project		
Action/Project Number:	Greenfield R-IV School District 1.5	
Name of Action or Project:	Construction standards – incorporate hazard mitigation construction standards into design and construction of new facilities	
Mitigation Category:	Structure and Infrastructure Projects	
STAPLEE Criteria		
Evaluation Rating		Score
Definitely YES = 3 Maybe YES = 2 Probably NO = 1 Definitely NO = 0		
S: Is it Socially Acceptable		3
T: Is it Technically feasible and potentially successful?		3
A: Does the jurisdiction have the Administrative capacity to execute this action?		3
P: Is it Politically acceptable?		2
L: Is there Legal authority to implement?		2
E: Is it Economically beneficial?		0
E: Will the project have either a neutral or positive impact on the natural Environment ?		1
Will historic structures be saved or protected?		0
Could it be implemented quickly?		0
STAPLEE SCORE		
Mitigation Effectiveness Criteria	Evaluation Rating	Score
Will the implemented action result in lives saved?	Assign from 5-10 points based on the likelihood that lives will be saved.	7
Will the implemented action result in a reduction of disaster damages?	Assign from 5-10 points based on the relative reduction of disaster damages.	6
MITIGATION EFFECTIVENESS SCORE		13
TOTAL SCORE (STAPLEE + Mitigation Effectiveness)		27

<input type="checkbox"/> High Priority (30+ points)	<input checked="" type="checkbox"/> Medium Priority (25 - 29 points)	<input type="checkbox"/> Low Priority (<25 points)
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Completed by
(Name, Title, Phone Number)

Chris Kell, Superintendent, 417-637-5321

STAPLEE Worksheet		
Name of Jurisdiction:	Greenfield R-IV School District	
Action or Project		
Action/Project Number:	Greenfield R-IV School District 2.1	
Name of Action or Project:	Backup generators - Install emergency backup generators where needed for critical and vulnerable facilities and infrastructure.	
Mitigation Category:	Structure and Infrastructure Projects	
STAPLEE Criteria		Score
Evaluation Rating Definitely YES = 3 Maybe YES = 2 Probably NO = 1 Definitely NO = 0		
S: Is it Socially Acceptable		3
T: Is it Technically feasible and potentially successful?		3
A: Does the jurisdiction have the Administrative capacity to execute this action?		3
P: Is it Politically acceptable?		3
L: Is there Legal authority to implement?		3
E: Is it Economically beneficial?		1
E: Will the project have either a neutral or positive impact on the natural Environment ?		1
Will historic structures be saved or protected?		0
Could it be implemented quickly?		2
STAPLEE SCORE		
Mitigation Effectiveness Criteria	Evaluation Rating	Score
Will the implemented action result in lives saved?	Assign from 5-10 points based on the likelihood that lives will be saved.	5
Will the implemented action result in a reduction of disaster damages?	Assign from 5-10 points based on the relative reduction of disaster damages.	5
MITIGATION EFFECTIVENESS SCORE		10
TOTAL SCORE (STAPLEE + Mitigation Effectiveness)		29

<input type="checkbox"/> High Priority (30+ points)	<input checked="" type="checkbox"/> Medium Priority (25 - 29 points)	<input type="checkbox"/> Low Priority (<25 points)
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Completed by
(Name, Title, Phone Number)

Chris Kell, Superintendent, 417-637-5321

STAPLEE Worksheet

Name of Jurisdiction:	Greenfield R-IV School District
Action or Project	
Action/Project Number:	Greenfield R-IV School District 2.2
Name of Action or Project:	Goals integration - Incorporate the goals, objectives, and mitigation actions from the Greenfield R-IV School District Natural Hazard Mitigation Plan into existing and new plans, programs, and regulations where appropriate.
Mitigation Category:	Education and Outreach

STAPLEE Criteria		Score
Evaluation Rating		
Definitely YES = 3 Maybe YES = 2 Probably NO = 1 Definitely NO = 0		
S: Is it Socially Acceptable		3
T: Is it Technically feasible and potentially successful?		3
A: Does the jurisdiction have the Administrative capacity to execute this action?		3
P: Is it Politically acceptable?		3
L: Is there Legal authority to implement?		3
E: Is it Economically beneficial?		3
E: Will the project have either a neutral or positive impact on the natural Environment ?		3
Will historic structures be saved or protected?		2
Could it be implemented quickly?		2
STAPLEE SCORE		
Mitigation Effectiveness Criteria	Evaluation Rating	Score
Will the implemented action result in lives saved?	Assign from 5-10 points based on the likelihood that lives will be saved.	6
Will the implemented action result in a reduction of disaster damages?	Assign from 5-10 points based on the relative reduction of disaster damages.	7
MITIGATION EFFECTIVENESS SCORE		13
TOTAL SCORE (STAPLEE + Mitigation Effectiveness)		38

<input checked="" type="checkbox"/> High Priority (30+ points)	<input type="checkbox"/> Medium Priority (25 - 29 points)	<input type="checkbox"/> Low Priority (<25 points)
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Completed by (Name, Title, Phone Number) Chris Kell, Superintendent, 417-637-5321

STAPLEE Worksheet		
Name of Jurisdiction:	Greenfield R-IV School District	
Action or Project		
Action/Project Number:	Greenfield R-IV School District 3.1	
Name of Action or Project:	Information sharing - Share information with all jurisdictions and entities responsible for critical/vulnerable facilities and services.	
Mitigation Category:	Education and Outreach	
STAPLEE Criteria		Score
Evaluation Rating Definitely YES = 3 Maybe YES = 2 Probably NO = 1 Definitely NO = 0		
S: Is it Socially Acceptable		3
T: Is it Technically feasible and potentially successful?		3
A: Does the jurisdiction have the Administrative capacity to execute this action?		2
P: Is it Politically acceptable?		2
L: Is there Legal authority to implement?		3
E: Is it Economically beneficial?		2
E: Will the project have either a neutral or positive impact on the natural Environment ?		2
Will historic structures be saved or protected?		2
Could it be implemented quickly?		2
STAPLEE SCORE		
Mitigation Effectiveness Criteria	Evaluation Rating	Score
Will the implemented action result in lives saved?	Assign from 5-10 points based on the likelihood that lives will be saved.	5
Will the implemented action result in a reduction of disaster damages?	Assign from 5-10 points based on the relative reduction of disaster damages.	5
MITIGATION EFFECTIVENESS SCORE		10
TOTAL SCORE (STAPLEE + Mitigation Effectiveness)		31

<input checked="" type="checkbox"/> High Priority (30+ points)	<input type="checkbox"/> Medium Priority (25 - 29 points)	<input type="checkbox"/> Low Priority (<25 points)
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Completed by
(Name, Title, Phone Number)

Chris Kell, Superintendent, 407-637-5321

STAPLEE Worksheet		
Name of Jurisdiction:	Greenfield R-IV School District	
Action or Project		
Action/Project Number:	Greenfield R-IV School District 3.2	
Name of Action or Project:	Annual review – annually review the Greenfield R-IV School District Emergency Operations Plan and Hazard Mitigation Plan	
Mitigation Category:	Education and Outreach	
STAPLEE Criteria		Score
Evaluation Rating Definitely YES = 3 Maybe YES = 2 Probably NO = 1 Definitely NO = 0		
S: Is it Socially Acceptable		3
T: Is it Technically feasible and potentially successful?		3
A: Does the jurisdiction have the Administrative capacity to execute this action?		3
P: Is it Politically acceptable?		3
L: Is there Legal authority to implement?		3
E: Is it Economically beneficial?		3
E: Will the project have either a neutral or positive impact on the natural Environment ?		3
Will historic structures be saved or protected?		2
Could it be implemented quickly?		3
STAPLEE SCORE		
Mitigation Effectiveness Criteria	Evaluation Rating	Score
Will the implemented action result in lives saved?	Assign from 5-10 points based on the likelihood that lives will be saved.	7
Will the implemented action result in a reduction of disaster damages?	Assign from 5-10 points based on the relative reduction of disaster damages.	7
MITIGATION EFFECTIVENESS SCORE		14
TOTAL SCORE (STAPLEE + Mitigation Effectiveness)		40

<input checked="" type="checkbox"/> High Priority (30+ points)	<input type="checkbox"/> Medium Priority (25 - 29 points)	<input type="checkbox"/> Low Priority (<25 points)
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Completed by
(Name, Title, Phone Number)

Chris Kell, Superintendent, 417-637-5321

STAPLEE Worksheet		
Name of Jurisdiction:	Greenfield R-IV School District	
Action or Project		
Action/Project Number:	Greenfield R-IV School District 3.3	
Name of Action or Project:	Evacuation and emergency access - Review emergency access routes and evacuation routes and work with the responsible entities to minimize or reduce identified problems.	
Mitigation Category:	Emergency Services	
STAPLEE Criteria		Score
Evaluation Rating Definitely YES = 3 Maybe YES = 2 Probably NO = 1 Definitely NO = 0		
S: Is it Socially Acceptable		3
T: Is it Technically feasible and potentially successful?		3
A: Does the jurisdiction have the Administrative capacity to execute this action?		3
P: Is it Politically acceptable?		3
L: Is there Legal authority to implement?		3
E: Is it Economically beneficial?		3
E: Will the project have either a neutral or positive impact on the natural Environment ?		3
Will historic structures be saved or protected?		3
Could it be implemented quickly?		3
STAPLEE SCORE		
Mitigation Effectiveness Criteria	Evaluation Rating	Score
Will the implemented action result in lives saved?	Assign from 5-10 points based on the likelihood that lives will be saved.	9
Will the implemented action result in a reduction of disaster damages?	Assign from 5-10 points based on the relative reduction of disaster damages.	9
MITIGATION EFFECTIVENESS SCORE		18
TOTAL SCORE (STAPLEE + Mitigation Effectiveness)		45

<input checked="" type="checkbox"/> High Priority (30+ points)	<input type="checkbox"/> Medium Priority (25 - 29 points)	<input type="checkbox"/> Low Priority (<25 points)
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Completed by
(Name, Title, Phone Number)

Chris Kell, Superintendent, 417-637-5321

STAPLEE Worksheet

Name of Jurisdiction:	Lockwood R-I School District		
Action or Project			
Action/Project Number:	Lockwood R-I School District 1.1		
Name of Action or Project:	Alert systems - Use available alert and automated messaging systems to provide storm warning.		
Mitigation Category:	Prevention		
STAPLEE Criteria			
Evaluation Rating Definitely YES = 3 Maybe YES = 2 Probably NO = 1 Definitely NO = 0			
S: Is it Socially Acceptable?			3
T: Is it Technically feasible and potentially successful?			3
A: Does the jurisdiction have the Administrative capacity to execute this action?			3
P: Is it Politically acceptable?			3
L: Is there Legal authority to implement?			3
E: Is it Economically beneficial?			3
E: Will the project have either a neutral or positive impact on the natural Environment ?			1
Will historic structures be saved or protected?			0
Could it be implemented quickly?			3
STAPLEE SCORE			22
MITIGATION EFFECTIVENESS SCORE			
Mitigation Effectiveness Criteria	Evaluation Rating		Score
Will the implemented action result in lives saved?	Assign from 5-10 points based on the likelihood that lives will be saved.		5
Will the implemented action result in a reduction of disaster damages?	Assign from 5-10 points based on the relative reduction of disaster damages.		5
MITIGATION EFFECTIVENESS SCORE			10
TOTAL SCORE (STAPLEE + Mitigation Effectiveness)			32

<input checked="" type="checkbox"/> High Priority (30+ points)	<input type="checkbox"/> Medium Priority (25 - 29 points)	<input type="checkbox"/> Low Priority (<25 points)
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Completed by (Name, Title, Phone Number) Clay Lowader Superintendent 232-4513

STAPLEE Worksheet

Name of Jurisdiction:	Lockwood R-1 School District		
Action or Project			
Action/Project Number:	Lockwood R-1 School District 1.2		
Name of Action or Project:	Public Awareness - Provide educational materials on natural hazards and ways to reduce risk		
Mitigation Category:	Education and Outreach		
STAPLEE Criteria			
Evaluation Rating Definitely YES = 3 Maybe YES = 2 Probably NO = 1 Definitely NO = 0			
S: Is it Socially Acceptable?			3
T: Is it Technically feasible and potentially successful?			2
A: Does the jurisdiction have the Administrative capacity to execute this action?			2
P: Is it Politically acceptable?			3
L: Is there Legal authority to implement?			3
E: Is it Economically beneficial?			1
E: Will the project have either a neutral or positive impact on the natural Environment ?			2
Will historic structures be saved or protected?			0
Could it be implemented quickly?			0
STAPLEE SCORE			16
MITIGATION EFFECTIVENESS SCORE			
Mitigation Effectiveness Criteria	Evaluation Rating		Score
Will the implemented action result in lives saved?	Assign from 5-10 points based on the likelihood that lives will be saved.		5
Will the implemented action result in a reduction of disaster damages?	Assign from 5-10 points based on the relative reduction of disaster damages.		5
TOTAL SCORE (STAPLEE + Mitigation Effectiveness)			26

<input type="checkbox"/> High Priority (30+ points)	<input checked="" type="checkbox"/> Medium Priority (25 - 29 points)	<input type="checkbox"/> Low Priority (<25 points)
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Completed by Clay Laska spec student 232-4513

STAPLEE Worksheet

Name of Jurisdiction:	Lockwood R-I School District		
Action or Project			
Action/Project Number:	Lockwood R-I School District 1.3		
Name of Action or Project:	Retrofit existing facilities - Where feasible, retrofit doors and windows in existing critical/vulnerable facilities serving concentrated populations.		
Mitigation Category:	Structure and Infrastructure Projects		
STAPLEE Criteria			
Evaluation Rating Definitely YES = 3 Maybe YES = 2 Probably NO = 1 Definitely NO = 0			
S: Is it Socially Acceptable			3
T: Is it Technically feasible and potentially successful?			3
A: Does the jurisdiction have the Administrative capacity to execute this action?			3
P: Is it Politically acceptable?			3
L: Is there Legal authority to implement?			3
E: Is it Economically beneficial?			1
E: Will the project have either a neutral or positive impact on the natural Environment ?			3
Will historic structures be saved or protected?			3
Could it be implemented quickly?			0
STAPLEE SCORE			22
Mitigation Effectiveness Criteria		Evaluation Rating	Score
Will the implemented action result in lives saved?	Assign from 5-10 points based on the likelihood that lives will be saved.		5
Will the implemented action result in a reduction of disaster damages?	Assign from 5-10 points based on the relative reduction of disaster damages.		8
MITIGATION EFFECTIVENESS SCORE			13
TOTAL SCORE (STAPLEE + Mitigation Effectiveness)			35

<input checked="" type="checkbox"/> High Priority (30+ points)	<input type="checkbox"/> Medium Priority (25 - 29 points)	<input type="checkbox"/> Low Priority (<25 points)
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Completed by
(Name, Title, Phone Number)

Clay Laska Superintendent 232-4573

STAPLEE Worksheet

Name of Jurisdiction:	Lockwood R-1 School District		
Action or Project			
Action/Project Number:	Lockwood R-1 School District 2.1		
Name of Action or Project:	Backup generators - Install emergency backup generators where needed for critical and vulnerable facilities and infrastructure.		
Mitigation Category:	Structure and Infrastructure Projects		
STAPLEE Criteria			
Evaluation Rating Definitely YES = 3 Maybe YES = 2 Probably NO = 1 Definitely NO = 0			
S: Is it Socially Acceptable			3
T: Is it Technically feasible and potentially successful?			3
A: Does the jurisdiction have the Administrative capacity to execute this action?			3
P: Is it Politically acceptable?			3
L: Is there Legal authority to implement?			3
E: Is it Economically beneficial?			3
E: Will the project have either a neutral or positive impact on the natural Environment?			1
Will historic structures be saved or protected?			0
Could it be implemented quickly?			0
STAPLEE SCORE			19
Mitigation Effectiveness Criteria			
Will the implemented action result in lives saved?	Evaluation Rating		Score
	Assign from 5-10 points based on the likelihood that lives will be saved.		5
Will the implemented action result in a reduction of disaster damages?	Assign from 5-10 points based on the relative reduction of disaster damages.		5
MITIGATION EFFECTIVENESS SCORE			
TOTAL SCORE (STAPLEE + Mitigation Effectiveness)			10
TOTAL SCORE (STAPLEE + Mitigation Effectiveness)			29

<input type="checkbox"/> High Priority (30+ points)	<input checked="" type="checkbox"/> Medium Priority (25 - 29 points)	<input type="checkbox"/> Low Priority (<25 points)
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Completed by Clay Casater Superintendent 232-4513
 (Name, Title, Phone Number)

STAPLEE Worksheet	
Name of Jurisdiction:	Lockwood R-I School District
Action or Project	
Action/Project Number:	Lockwood R-I School District 3.1
Name of Action or Project:	Annual review - Annually review the Dade County Emergency Operations Plan and Hazard Mitigation Plan.
Mitigation Category:	Education and Outreach
STAPLEE Criteria	
Evaluation Rating Definitely YES = 3 Maybe YES = 2 Probably NO = 1 Definitely NO = 0	
S: Is it Socially Acceptable	Score 3
T: Is it Technically feasible and potentially successful?	3
A: Does the jurisdiction have the Administrative capacity to execute this action?	3
P: Is it Politically acceptable?	3
L: Is there Legal authority to implement?	3
E: Is it Economically beneficial?	3
E: Will the project have either a neutral or positive impact on the natural Environment?	1
Will historic structures be saved or protected?	2
Could it be implemented quickly?	3
STAPLEE SCORE	
24	Score
Mitigation Effectiveness Criteria	Evaluation Rating
Will the implemented action result in lives saved?	Assign from 5-10 points based on the likelihood that lives will be saved.
Will the implemented action result in a reduction of disaster damages?	Assign from 5-10 points based on the relative reduction of disaster damages.
MITIGATION EFFECTIVENESS SCORE	
TOTAL SCORE (STAPLEE + Mitigation Effectiveness)	
10	
34	
<input checked="" type="checkbox"/> High Priority (30+ points)	<input type="checkbox"/> Medium Priority (25 - 29 points)
<input type="checkbox"/> Low Priority (<25 points)	

Completed by
(Name, Title, Phone Number)

Clay Cascke Superintendent

232-4513

STAPLEE Worksheet		
Name of Jurisdiction:	Dade County Emergency Services 911	
Action or Project		
Action/Project Number:	Dade County Emergency Services 911 3.1	
Name of Action or Project:	Backup generator – ensure emergency 911 communications and dispatch can continue in the event of severe weather damage	
Mitigation Category:	Structure and Infrastructure Projects	
STAPLEE Criteria		Score
Evaluation Rating Definitely YES = 3 Maybe YES = 2 Probably NO = 1 Definitely NO = 0		
S: Is it Socially Acceptable		3
T: Is it Technically feasible and potentially successful?		3
A: Does the jurisdiction have the Administrative capacity to execute this action?		3
P: Is it Politically acceptable?		3
L: Is there Legal authority to implement?		3
E: Is it Economically beneficial?		3
E: Will the project have either a neutral or positive impact on the natural Environment ?		3
Will historic structures be saved or protected?		3
Could it be implemented quickly?		0
STAPLEE SCORE		24
Mitigation Effectiveness Criteria	Evaluation Rating	Score
Will the implemented action result in lives saved?	Assign from 5-10 points based on the likelihood that lives will be saved.	10
Will the implemented action result in a reduction of disaster damages?	Assign from 5-10 points based on the relative reduction of disaster damages.	6
MITIGATION EFFECTIVENESS SCORE		16
TOTAL SCORE (STAPLEE + Mitigation Effectiveness)		40

<input checked="" type="checkbox"/> High Priority (30+ points)	<input type="checkbox"/> Medium Priority (25 - 29 points)	<input type="checkbox"/> Low Priority (<25 points)
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Completed by
(Name, Title, Phone Number)

Lori Sneed, Director, Dade County Emergency
Services 417.637.1911

STAPLEE Worksheet		
Name of Jurisdiction:	Dade County Emergency Services 911	
Action or Project		
Action/Project Number:	Dade County Emergency Services 911 3.2	
Name of Action or Project:	Backup mobile communications system - ensure emergency 911 communications and dispatch can continue in the vent of severe weather damage	
Mitigation Category:	Structure and Infrastructure Projects	
STAPLEE Criteria		Score
Evaluation Rating Definitely YES = 3 Maybe YES = 2 Probably NO = 1 Definitely NO = 0		
S: Is it Socially Acceptable		3
T: Is it Technically feasible and potentially successful?		3
A: Does the jurisdiction have the Administrative capacity to execute this action?		3
P: Is it Politically acceptable?		3
L: Is there Legal authority to implement?		3
E: Is it Economically beneficial?		3
E: Will the project have either a neutral or positive impact on the natural Environment ?		3
Will historic structures be saved or protected?		2
Could it be implemented quickly?		0
STAPLEE SCORE		23
Mitigation Effectiveness Criteria	Evaluation Rating	Score
Will the implemented action result in lives saved?	Assign from 5-10 points based on the likelihood that lives will be saved.	10
Will the implemented action result in a reduction of disaster damages?	Assign from 5-10 points based on the relative reduction of disaster damages.	6
MITIGATION EFFECTIVENESS SCORE		16
TOTAL SCORE (STAPLEE + Mitigation Effectiveness)		39

<input type="checkbox"/> High Priority (30+ points)	<input type="checkbox"/> Medium Priority (25 - 29 points)	<input type="checkbox"/> Low Priority (<25 points)
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Completed by _____
 (Name, Title, Phone Number)

STAPLEE Worksheet		
Name of Jurisdiction:	Dadeville Rural Fire Protection District	
Action or Project		
Action/Project Number:	Dadeville Rural Fire Protection District 1.1	
Name of Action or Project:	Outdoor storm sirens - Install a storm siren in the Bona area and enter into an agreement with Dade County 911 to activate in accordance with the county severe weather plan	
Mitigation Category:	Structure and Infrastructure Projects	
STAPLEE Criteria		
Evaluation Rating		Score
Definitely YES = 3 Maybe YES = 2		
Probably NO = 1 Definitely NO = 0		
S: Is it Socially Acceptable		3
T: Is it Technically feasible and potentially successful?		2
A: Does the jurisdiction have the Administrative capacity to execute this action?		2
P: Is it Politically acceptable?		3
L: Is there Legal authority to implement?		2
E: Is it Economically beneficial?		2
E: Will the project have either a neutral or positive impact on the natural Environment ?		3
Will historic structures be saved or protected?		1
Could it be implemented quickly?		0
STAPLEE SCORE		18
Mitigation Effectiveness Criteria	Evaluation Rating	Score
Will the implemented action result in lives saved?	Assign from 5-10 points based on the likelihood that lives will be saved.	10
Will the implemented action result in a reduction of disaster damages?	Assign from 5-10 points based on the relative reduction of disaster damages.	5
MITIGATION EFFECTIVENESS SCORE		15
TOTAL SCORE (STAPLEE + Mitigation Effectiveness)		33

<input checked="" type="checkbox"/> High Priority (30+ points)	<input type="checkbox"/> Medium Priority (25 - 29 points)	<input type="checkbox"/> Low Priority (<25 points)
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Completed by
(Name, Title, Phone Number)

Lori Sneed, Secretary 417.637.1911