

# **Appendix A**

**GEMA Worksheet #3a**  
**Jurisdiction: Clinch County**  
**Hazard: Wildfires**

**Inventory of Assets**

**Task A. Determine the proportion of buildings, the value of buildings, and the population in your community or state that are located in hazard areas.**

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community of State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
Residential	2,855	2,855	100.000%	\$ 130,246,854	\$ 130,246,854	100.000%	6,788	6,788	100.000%
Commercial	265	265	100.000%	\$ 31,757,572	\$ 31,757,572	100.000%	0	0	0%
Industrial	8	8	100.000%	\$ 14,558,560	\$ 14,558,560		0	0	0%
Agricultural	877	877	100.000%	\$ 350,834,560	\$ 350,834,560	100.000%	0	0	0%
Religious/ Non-profit	91	91	100.000%	\$ 16,125,480	\$ 16,125,480	100.000%	0	0	0%
Government	74	74	100.000%	\$ 43,198,540	\$ 43,198,540	100.000%	0	0	0%
Education	10	10	100.000%	\$ 13,598,860	\$ 13,598,860	100.000%	0	0	0%
Utilities	0	0		\$ -	\$ -		0	0	0%
<b>Total</b>	<b>4,180</b>	<b>4,180</b>		<b>\$ 600,320,426</b>	<b>\$ 600,320,426</b>		<b>6,788</b>	<b>6,788</b>	

**Task B. Determine whether (and where) you want to collect additional inventory data.**

- |   |          |          |
|---|----------|----------|
|   | <b>Y</b> | <b>N</b> |
| 1. Do you know where the greatest damages may occur in your area?   | Y        |          |
| 2. Do you know whether your critical facilities will be operational after a hazard event?   | Y        |          |
| 3. Is there enough data to determine which assets are subject to the greatest potential damages?  | Y        |          |
| 4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?   | Y        |          |
| 5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards? | Y        |          |
| 6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?   |          | N        |
| 7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?   |          | N        |

**GEMA Worksheet #3a**  
**Jurisdiction: Clinch County**  
**Hazard: Thunderstorms**

**Inventory of Assets**

**Task A. Determine the proportion of buildings, the value of buildings, and the population in your community or state that are located in hazard areas.**

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community of State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
Residential	2,855	2,855	100.000%	\$ 130,246,854	\$ 130,246,854	100.000%	6,788	6,788	100.000%
Commercial	265	265	100.000%	\$ 31,757,572	\$ 31,757,572	100.000%	0	0	0%
Industrial	8	8	100.000%	\$ 14,558,560	\$ 14,558,560		0	0	0%
Agricultural	877	877	100.000%	\$ 350,834,560	\$ 350,834,560	100.000%	0	0	0%
Religious/ Non-profit	91	91	100.000%	\$ 16,125,480	\$ 16,125,480	100.000%	0	0	0%
Government	74	74	100.000%	\$ 43,198,540	\$ 43,198,540	100.000%	0	0	0%
Education	10	10	100.000%	\$ 13,598,860	\$ 13,598,860	100.000%	0	0	0%
Utilities	0	0		\$ -	\$ -		0	0	0%
<b>Total</b>	<b>4,180</b>	<b>4,180</b>		<b>\$ 600,320,426</b>	<b>\$ 600,320,426</b>		<b>6,788</b>	<b>6,788</b>	

**Task B. Determine whether (and where) you want to collect additional inventory data.**

- |   |          |          |
|---|----------|----------|
|   | <b>Y</b> | <b>N</b> |
| 1. Do you know where the greatest damages may occur in your area?   | Y        |          |
| 2. Do you know whether your critical facilities will be operational after a hazard event?   | Y        |          |
| 3. Is there enough data to determine which assets are subject to the greatest potential damages?  | Y        |          |
| 4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?   | Y        |          |
| 5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards? | Y        |          |
| 6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?   |          | N        |
| 7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?   |          | N        |

**GEMA Worksheet #3a**  
**Jurisdiction: Clinch County**  
**Hazard: Tornadoes**

**Inventory of Assets**

**Task A. Determine the proportion of buildings, the value of buildings, and the population in your community or state that are located in hazard areas.**

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community of State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
Residential	2,855	2,855	100.000%	\$ 130,246,854	\$ 130,246,854	100.000%	6,788	6,788	100.000%
Commercial	265	265	100.000%	\$ 31,757,572	\$ 31,757,572	100.000%	0	0	0%
Industrial	8	8	100.000%	\$ 14,558,560	\$ 14,558,560		0	0	0%
Agricultural	877	877	100.000%	\$ 350,834,560	\$ 350,834,560	100.000%	0	0	0%
Religious/ Non-profit	91	91	100.000%	\$ 16,125,480	\$ 16,125,480	100.000%	0	0	0%
Government	74	74	100.000%	\$ 43,198,540	\$ 43,198,540	100.000%	0	0	0%
Education	10	10	100.000%	\$ 13,598,860	\$ 13,598,860	100.000%	0	0	0%
Utilities	0	0		\$ -	\$ -		0	0	0%
<b>Total</b>	<b>4,180</b>	<b>4,180</b>		<b>\$ 600,320,426</b>	<b>\$ 600,320,426</b>		<b>6,788</b>	<b>6,788</b>	

**Task B. Determine whether (and where) you want to collect additional inventory data.**

- |   |          |          |
|---|----------|----------|
|   | <b>Y</b> | <b>N</b> |
| 1. Do you know where the greatest damages may occur in your area?   | Y        |          |
| 2. Do you know whether your critical facilities will be operational after a hazard event?   | Y        |          |
| 3. Is there enough data to determine which assets are subject to the greatest potential damages?  | Y        |          |
| 4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?   | Y        |          |
| 5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards? | Y        |          |
| 6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?   |          | N        |
| 7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?   |          | N        |



**GEMA Worksheet #3a**  
**Jurisdiction: Clinch County**  
**Hazard: Floods**

**Inventory of Assets**

**Task A. Determine the proportion of buildings, the value of buildings, and the population in your community or state that are located in hazard areas.**

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community of State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
Residential	2,855	774	27.110%	\$ 130,246,854	\$ 29,467,030	22.624%	6,788	1,840	27.110%
Commercial	265	60	22.642%	\$ 31,757,572	\$ 5,276,487	16.615%	0	0	0%
Industrial	8	1	12.500%	\$ 14,558,560	\$ 845,500	5.808%	0	0	0%
Agricultural	877	591	67.389%	\$ 350,834,560	\$ 326,008,730	92.924%	0	0	0%
Religious/ Non-profit	91	14	15.385%	\$ 16,125,480	\$ 2,210,770	13.710%	0	0	0%
Government	74	25	33.784%	\$ 43,198,540	\$ 15,650,810	36.230%	0	0	0%
Education	10	4	40.000%	\$ 13,598,860	\$ 5,827,900	42.856%	0	0	0%
Utilities	0	0		\$ -	\$ -		0	0	0%
<b>Total</b>	<b>4,180</b>	<b>1,469</b>		<b>\$ 600,320,426</b>	<b>\$ 385,287,227</b>		<b>6,788</b>	<b>1,840</b>	

**Task B. Determine whether (and where) you want to collect additional inventory data.**

- |   |          |          |
|---|----------|----------|
|   | <b>Y</b> | <b>N</b> |
| 1. Do you know where the greatest damages may occur in your area?   | Y        |          |
| 2. Do you know whether your critical facilities will be operational after a hazard event?   | Y        |          |
| 3. Is there enough data to determine which assets are subject to the greatest potential damages?  | Y        |          |
| 4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?   | Y        |          |
| 5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards? | Y        |          |
| 6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?   |          | N        |
| 7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?   |          | N        |

**GEMA Worksheet #3a**  
**Jurisdiction: Clinch County**  
**Hazard: Drought**

**Inventory of Assets**

**Task A. Determine the proportion of buildings, the value of buildings, and the population in your community or state that are located in hazard areas.**

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community of State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
Residential	2,855	2,855	100.000%	\$ 130,246,854	\$ 130,246,854	100.000%	6,788	6,788	100.000%
Commercial	265	265	100.000%	\$ 31,757,572	\$ 31,757,572	100.000%	0	0	0%
Industrial	8	8	100.000%	\$ 14,558,560	\$ 14,558,560		0	0	0%
Agricultural	877	877	100.000%	\$ 350,834,560	\$ 350,834,560	100.000%	0	0	0%
Religious/ Non-profit	91	91	100.000%	\$ 16,125,480	\$ 16,125,480	100.000%	0	0	0%
Government	74	74	100.000%	\$ 43,198,540	\$ 43,198,540	100.000%	0	0	0%
Education	10	10	100.000%	\$ 13,598,860	\$ 13,598,860	100.000%	0	0	0%
Utilities	0	0		\$ -	\$ -		0	0	0%
<b>Total</b>	<b>4,180</b>	<b>4,180</b>		<b>\$ 600,320,426</b>	<b>\$ 600,320,426</b>		<b>6,788</b>	<b>6,788</b>	

**Task B. Determine whether (and where) you want to collect additional inventory data.**

- |   |          |          |
|---|----------|----------|
|   | <b>Y</b> | <b>N</b> |
| 1. Do you know where the greatest damages may occur in your area?   | Y        |          |
| 2. Do you know whether your critical facilities will be operational after a hazard event?   | Y        |          |
| 3. Is there enough data to determine which assets are subject to the greatest potential damages?  | Y        |          |
| 4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?   | Y        |          |
| 5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards? | Y        |          |
| 6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?   |          | N        |
| 7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?   |          | N        |

**GEMA Worksheet #3a**

**Inventory of Assets**

**Jurisdiction: Clinch County**

**Hazard: Hurricanes/Tropical Storms**

**Task A. Determine the proportion of buildings, the value of buildings, and the population in your community or state that are located in hazard areas.**

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community of State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
Residential	2,855	2,855	100.000%	\$ 130,246,854	\$ 130,246,854	100.000%	6,788	6,788	100.000%
Commercial	265	265	100.000%	\$ 31,757,572	\$ 31,757,572	100.000%	0	0	0%
Industrial	8	8	100.000%	\$ 14,558,560	\$ 14,558,560		0	0	0%
Agricultural	877	877	100.000%	\$ 350,834,560	\$ 350,834,560	100.000%	0	0	0%
Religious/ Non-profit	91	91	100.000%	\$ 16,125,480	\$ 16,125,480	100.000%	0	0	0%
Government	74	74	100.000%	\$ 43,198,540	\$ 43,198,540	100.000%	0	0	0%
Education	10	10	100.000%	\$ 13,598,860	\$ 13,598,860	100.000%	0	0	0%
Utilities	0	0		\$ -	\$ -		0	0	0%
<b>Total</b>	<b>4,180</b>	<b>4,180</b>		<b>\$ 600,320,426</b>	<b>\$ 600,320,426</b>		<b>6,788</b>	<b>6,788</b>	

**Task B. Determine whether (and where) you want to collect additional inventory data.**

- |   |          |          |
|---|----------|----------|
|   | <b>Y</b> | <b>N</b> |
| 1. Do you know where the greatest damages may occur in your area?   | Y        |          |
| 2. Do you know whether your critical facilities will be operational after a hazard event?   | Y        |          |
| 3. Is there enough data to determine which assets are subject to the greatest potential damages?  | Y        |          |
| 4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?   | Y        |          |
| 5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards? | Y        |          |
| 6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?   |          | N        |
| 7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?   |          | N        |

**GEMA Worksheet #3a**  
**Jurisdiction: Clinch County**  
**Hazard: Winter Storms**

**Inventory of Assets**

**Task A. Determine the proportion of buildings, the value of buildings, and the population in your community or state that are located in hazard areas.**

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community of State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
Residential	2,855	2,855	100.000%	\$ 130,246,854	\$ 130,246,854	100.000%	6,788	6,788	100.000%
Commercial	265	265	100.000%	\$ 31,757,572	\$ 31,757,572	100.000%	0	0	0%
Industrial	8	8	100.000%	\$ 14,558,560	\$ 14,558,560		0	0	0%
Agricultural	877	877	100.000%	\$ 350,834,560	\$ 350,834,560	100.000%	0	0	0%
Religious/ Non-profit	91	91	100.000%	\$ 16,125,480	\$ 16,125,480	100.000%	0	0	0%
Government	74	74	100.000%	\$ 43,198,540	\$ 43,198,540	100.000%	0	0	0%
Education	10	10	100.000%	\$ 13,598,860	\$ 13,598,860	100.000%	0	0	0%
Utilities	0	0		\$ -	\$ -		0	0	0%
<b>Total</b>	<b>4,180</b>	<b>4,180</b>		<b>\$ 600,320,426</b>	<b>\$ 600,320,426</b>		<b>6,788</b>	<b>6,788</b>	

**Task B. Determine whether (and where) you want to collect additional inventory data.**

- |   |          |          |
|---|----------|----------|
|   | <b>Y</b> | <b>N</b> |
| 1. Do you know where the greatest damages may occur in your area?   | Y        |          |
| 2. Do you know whether your critical facilities will be operational after a hazard event?   | Y        |          |
| 3. Is there enough data to determine which assets are subject to the greatest potential damages?  | Y        |          |
| 4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?   | Y        |          |
| 5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards? | Y        |          |
| 6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?   |          | N        |
| 7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?   |          | N        |

**GEMA Worksheet #3a**  
**Jurisdiction: Clinch County**  
**Hazard: Hail**

**Inventory of Assets**

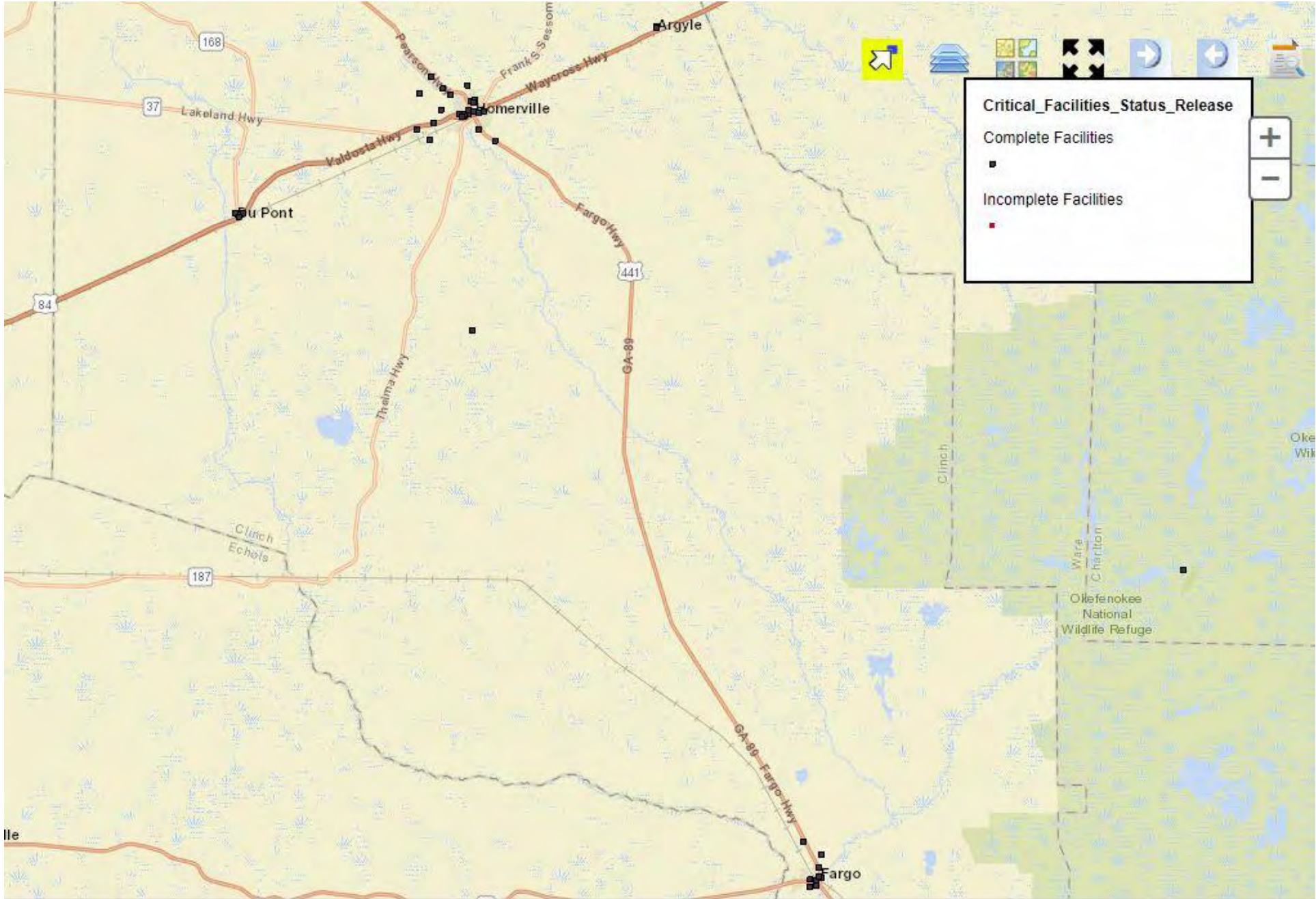
**Task A. Determine the proportion of buildings, the value of buildings, and the population in your community or state that are located in hazard areas.**

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community of State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
Residential	2,855	2,855	100.000%	\$ 130,246,854	\$ 130,246,854	100.000%	6,788	6,788	100.000%
Commercial	265	265	100.000%	\$ 31,757,572	\$ 31,757,572	100.000%	0	0	0%
Industrial	8	8	100.000%	\$ 14,558,560	\$ 14,558,560		0	0	0%
Agricultural	877	877	100.000%	\$ 350,834,560	\$ 350,834,560	100.000%	0	0	0%
Religious/ Non-profit	91	91	100.000%	\$ 16,125,480	\$ 16,125,480	100.000%	0	0	0%
Government	74	74	100.000%	\$ 43,198,540	\$ 43,198,540	100.000%	0	0	0%
Education	10	10	100.000%	\$ 13,598,860	\$ 13,598,860	100.000%	0	0	0%
Utilities	0	0		\$ -	\$ -		0	0	0%
<b>Total</b>	<b>4,180</b>	<b>4,180</b>		<b>\$ 600,320,426</b>	<b>\$ 600,320,426</b>		<b>6,788</b>	<b>6,788</b>	

**Task B. Determine whether (and where) you want to collect additional inventory data.**

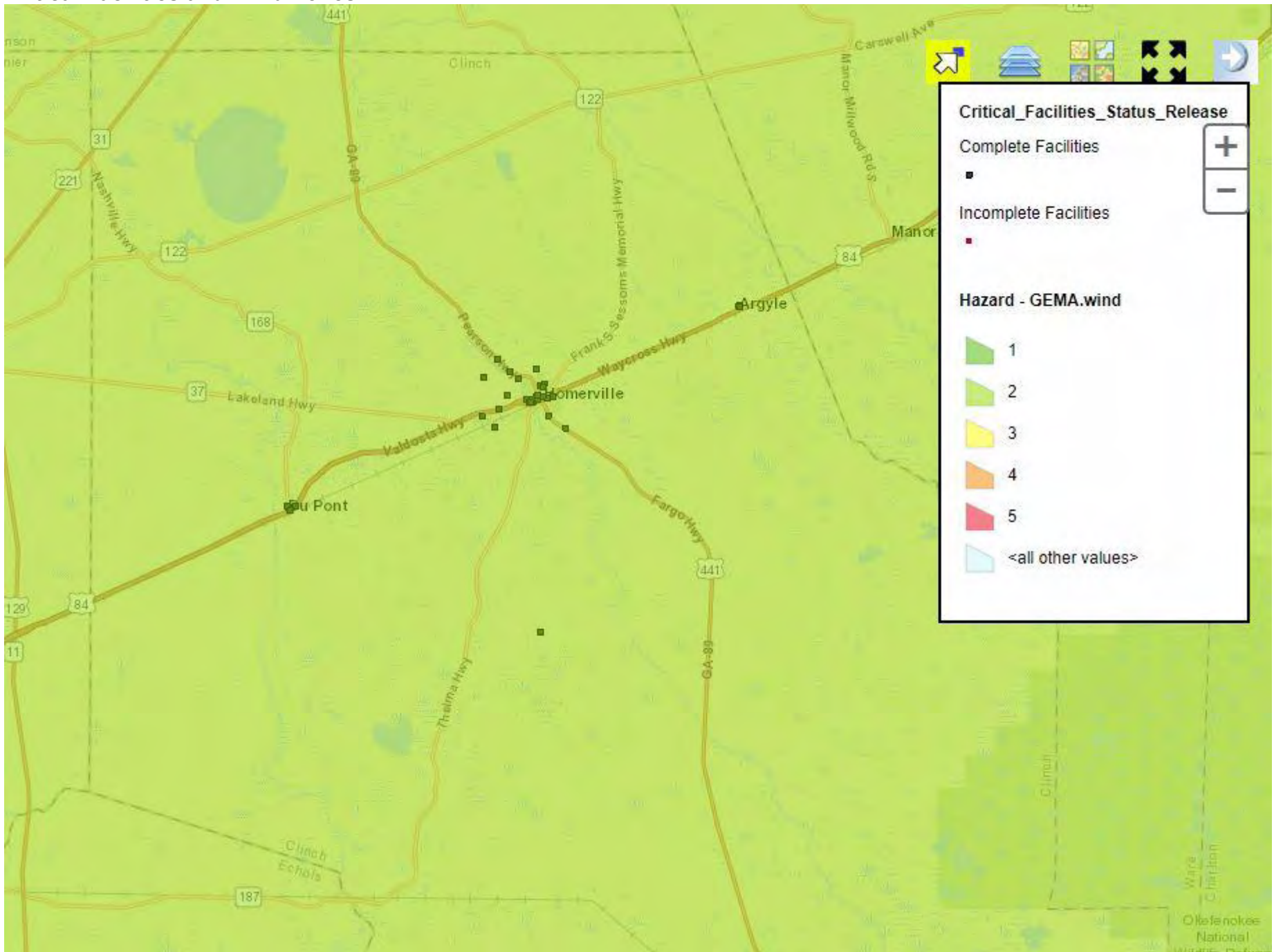
- |   |          |          |
|---|----------|----------|
|   | <b>Y</b> | <b>N</b> |
| 1. Do you know where the greatest damages may occur in your area?   | Y        |          |
| 2. Do you know whether your critical facilities will be operational after a hazard event?   | Y        |          |
| 3. Is there enough data to determine which assets are subject to the greatest potential damages?  | Y        |          |
| 4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?   | Y        |          |
| 5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards? | Y        |          |
| 6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?   |          | N        |
| 7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?   |          | N        |

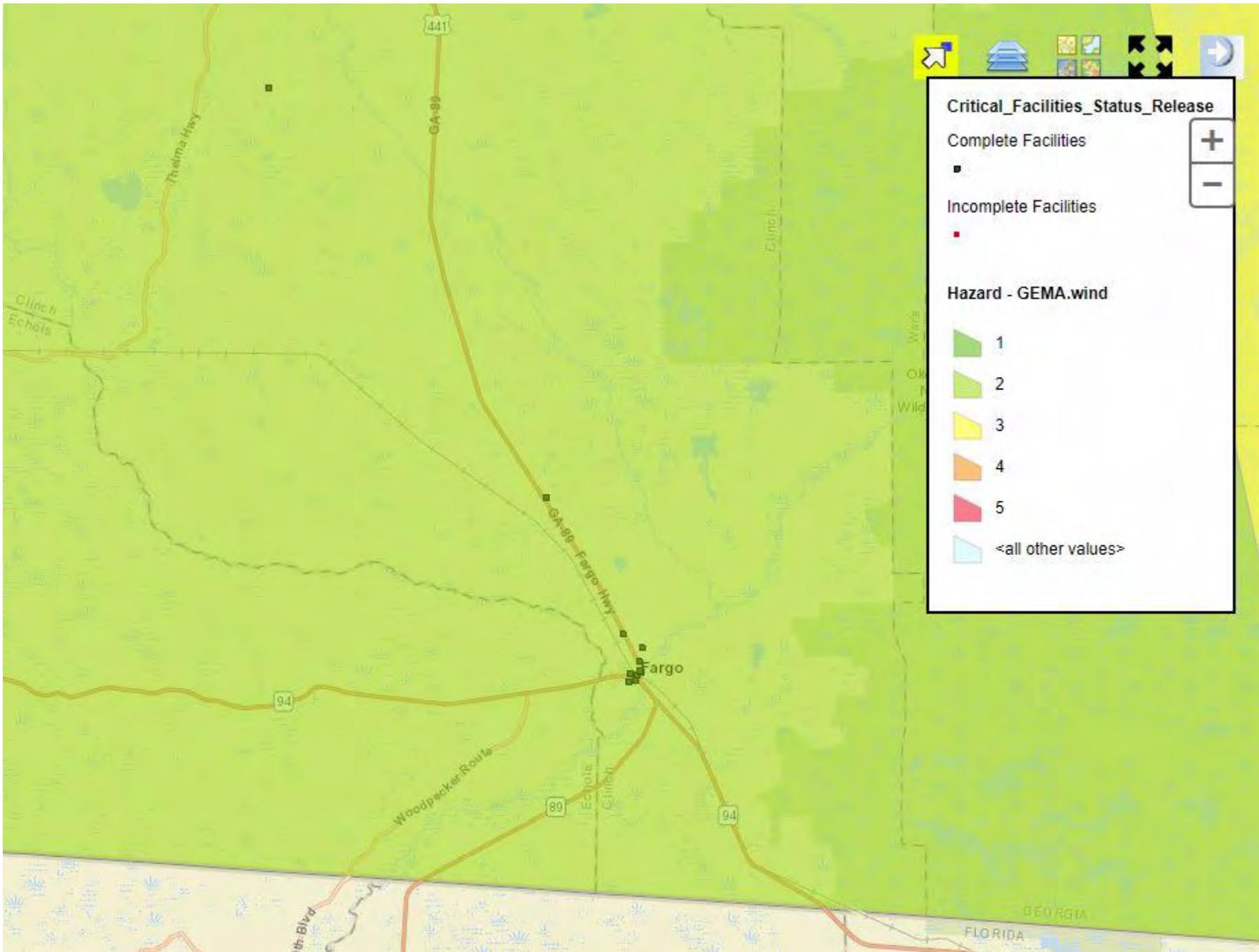
**Critical Facilities and Hazard Potential for Hazards Affecting the Entire Community (Wildfires, Thunderstorms/Wind, Tornadoes, Drought, Hurricanes/Tropical Storms, Hail, Severe Winter Storms)**





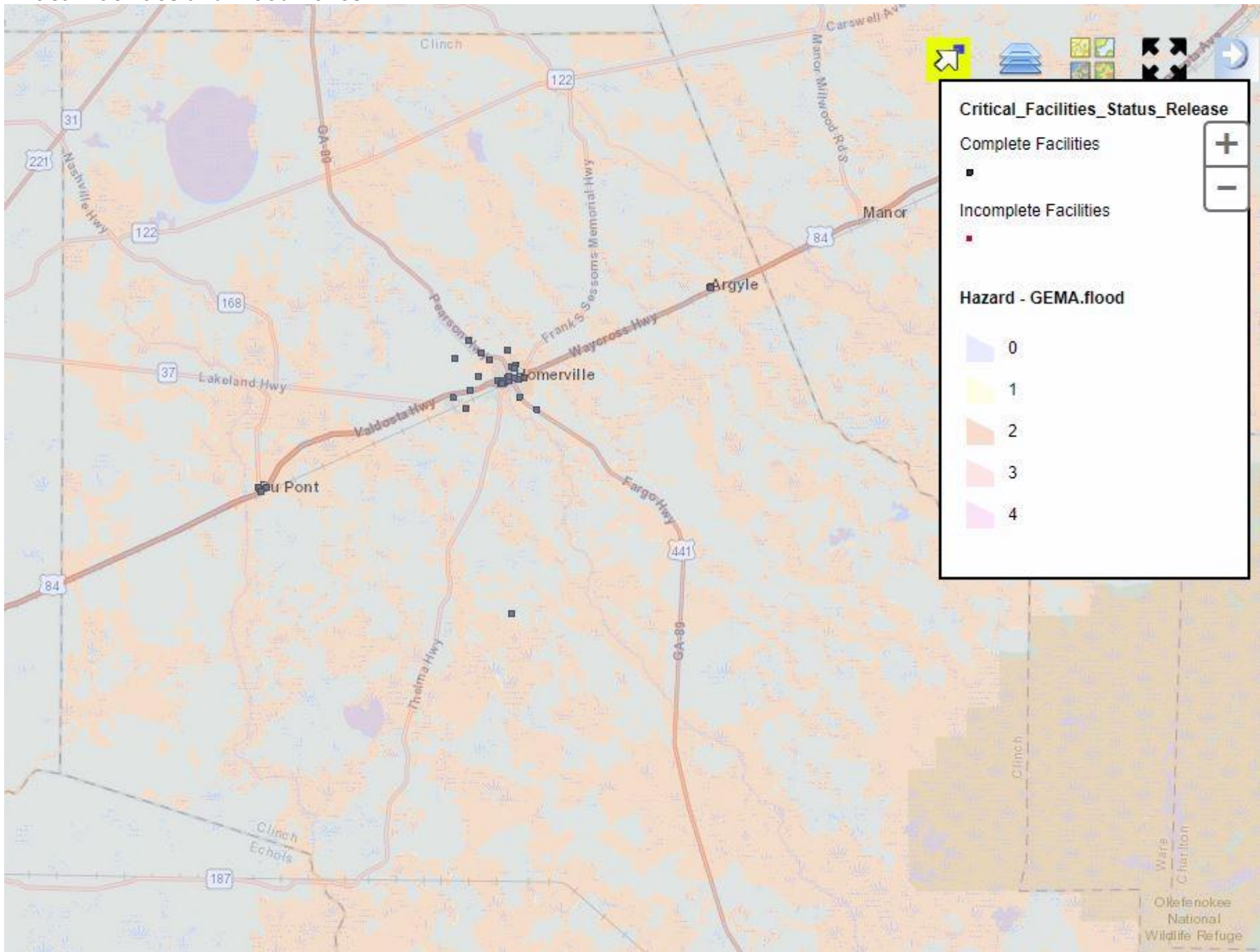
# Critical Facilities and Wind Zones

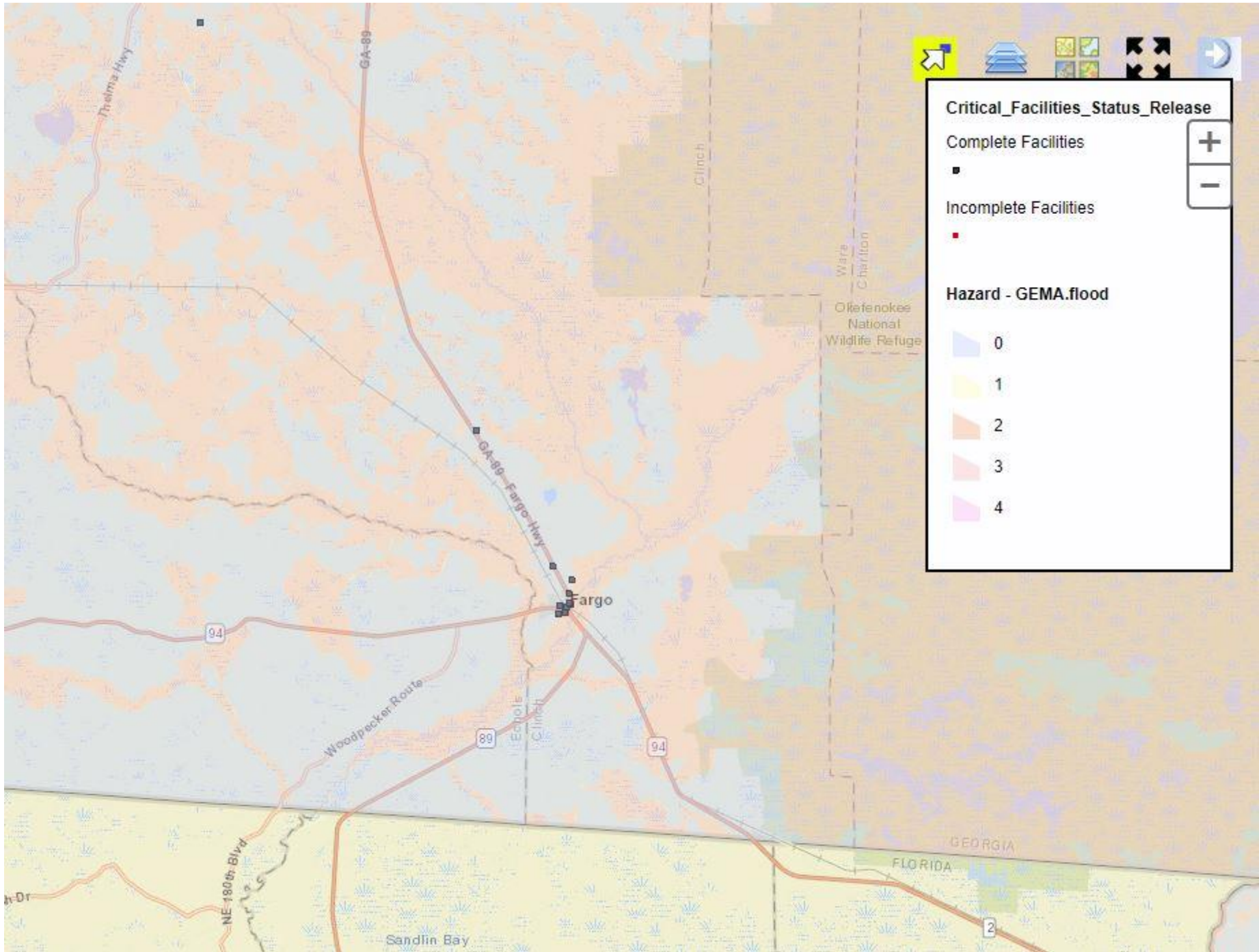






# Critical Facilities and Flood Zones



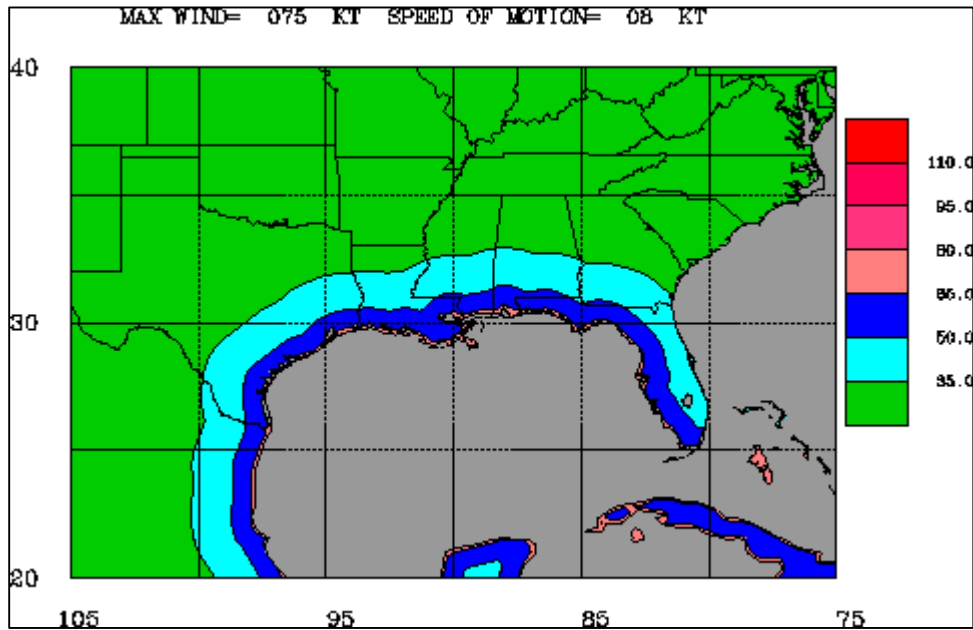


## Examples of the Maximum Envelope of Wind

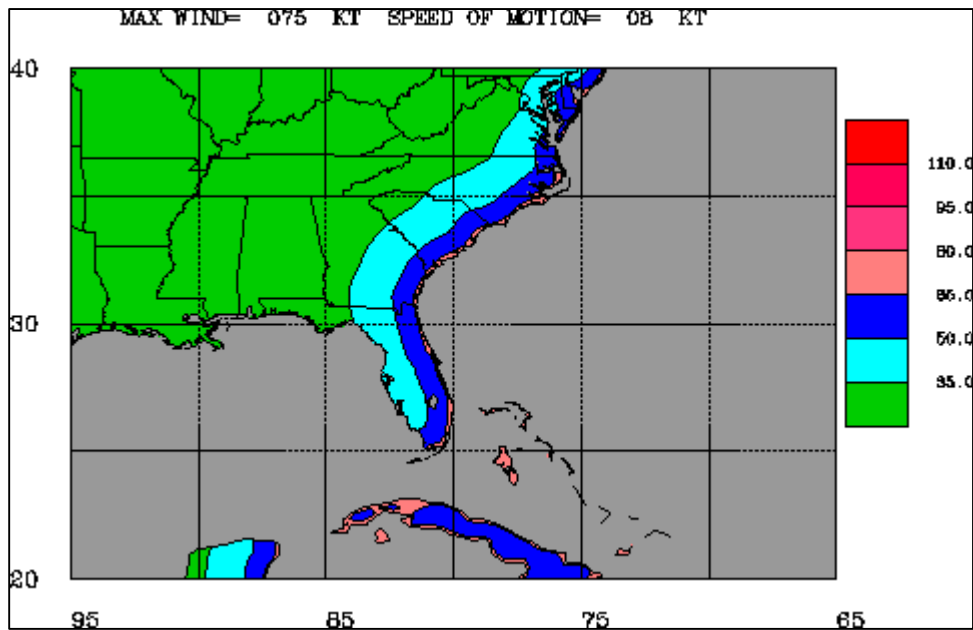
(Source: NOAA. <http://www.nhc.noaa.gov/aboutmeow.shtml>)

Mild case (Category 1, 8 knots forward motion)

### *Gulf Coast Region*



### *East Coast Region*



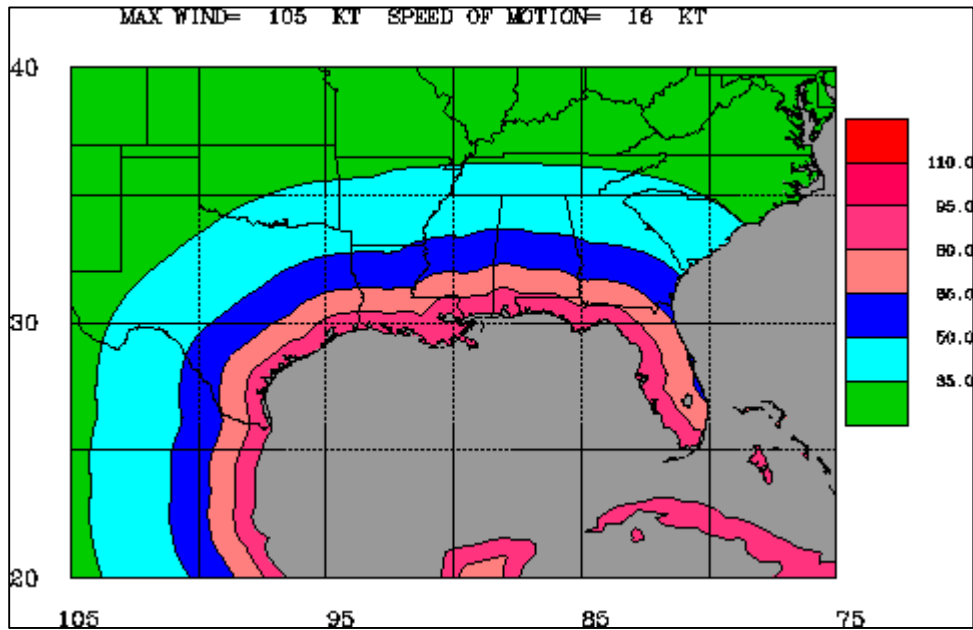


## Examples of the Maximum Envelope of Wind

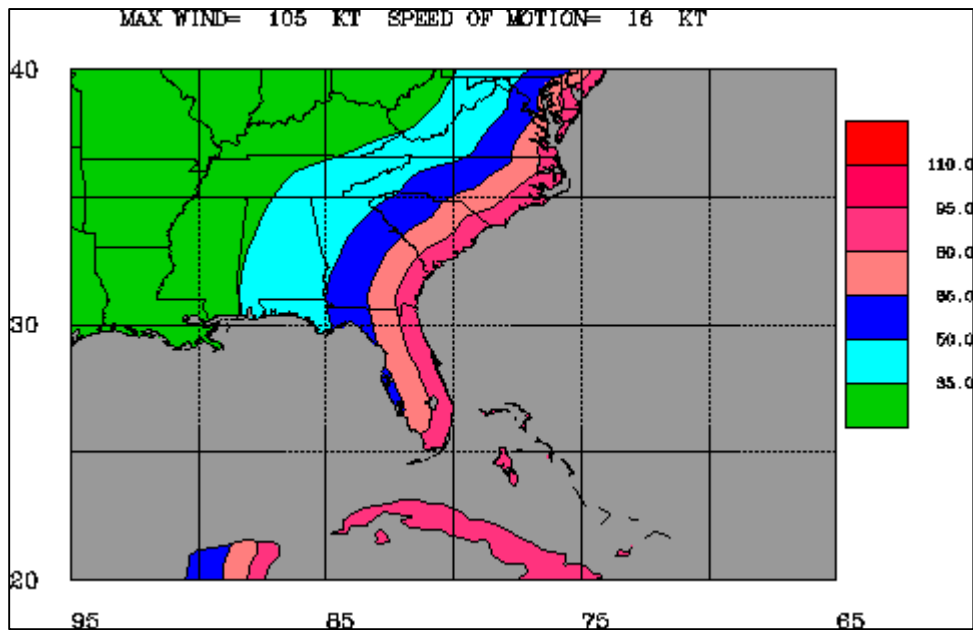
(Source: NOAA. <http://www.nhc.noaa.gov/aboutmeow.shtml>)

Mid-range case (Category 3, 16 knots forward motion)

### *Gulf Coast Region*



### *East Coast Region*

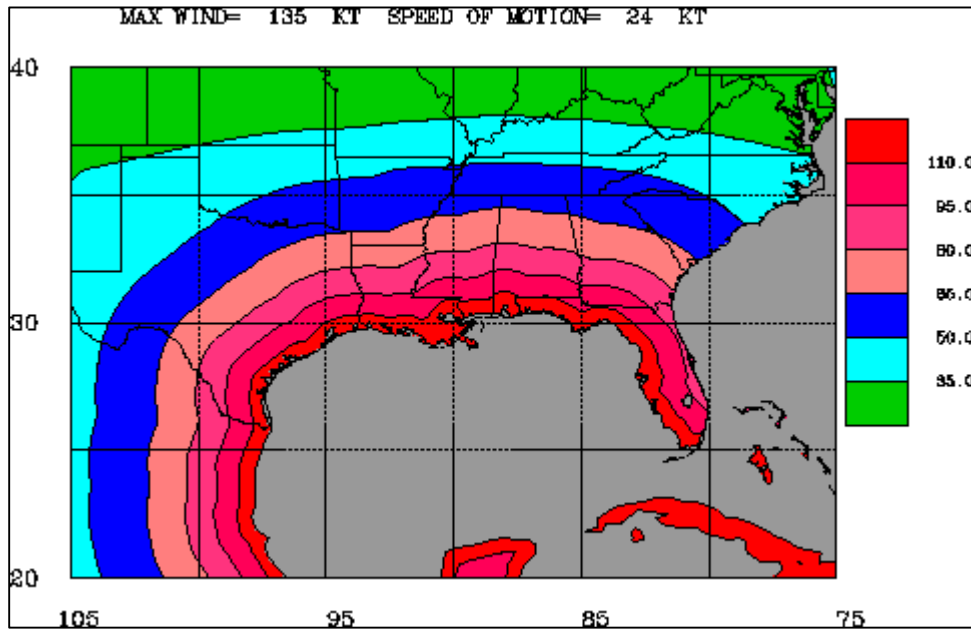


## Examples of the Maximum Envelope of Wind

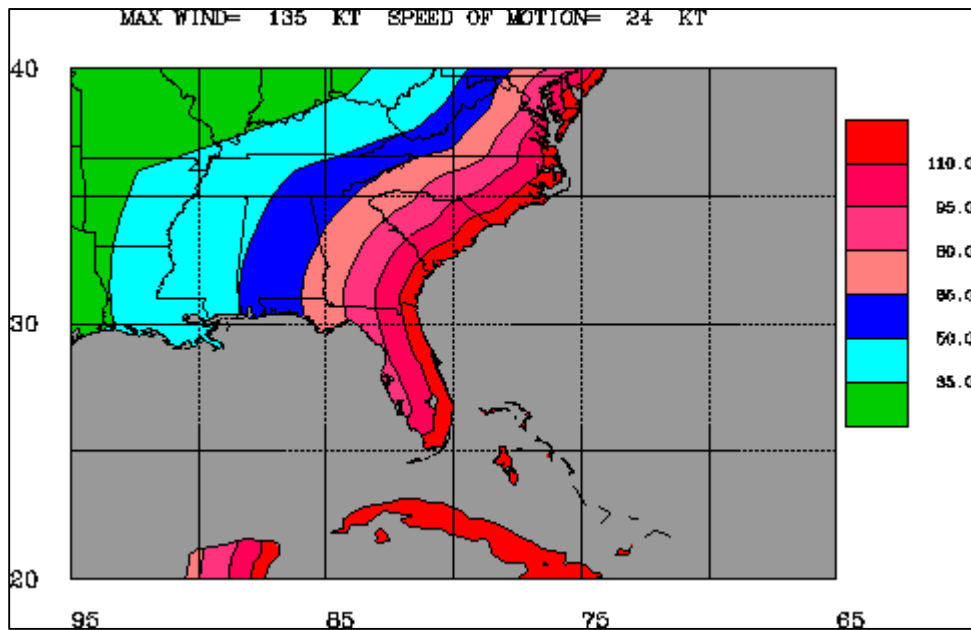
(Source: NOAA. <http://www.nhc.noaa.gov/aboutmeow.shtml>)

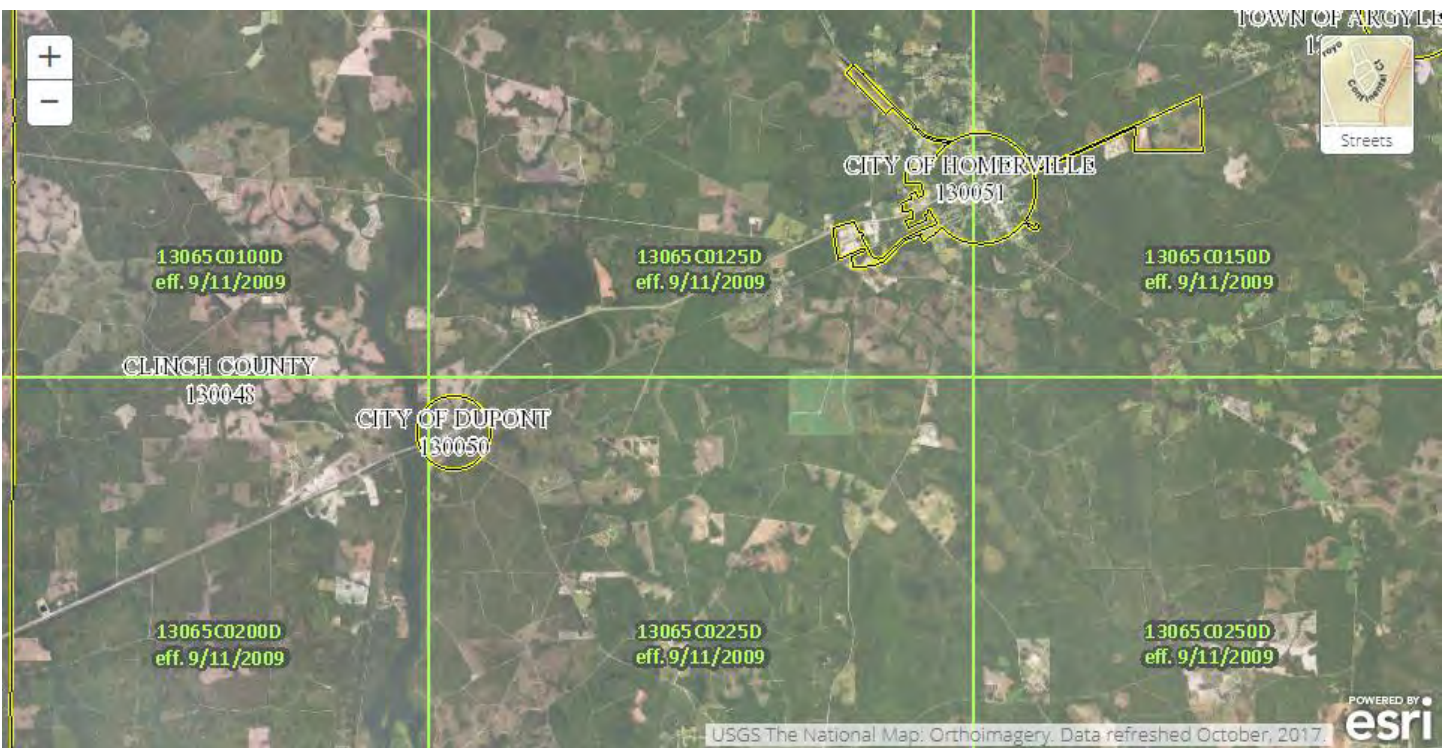
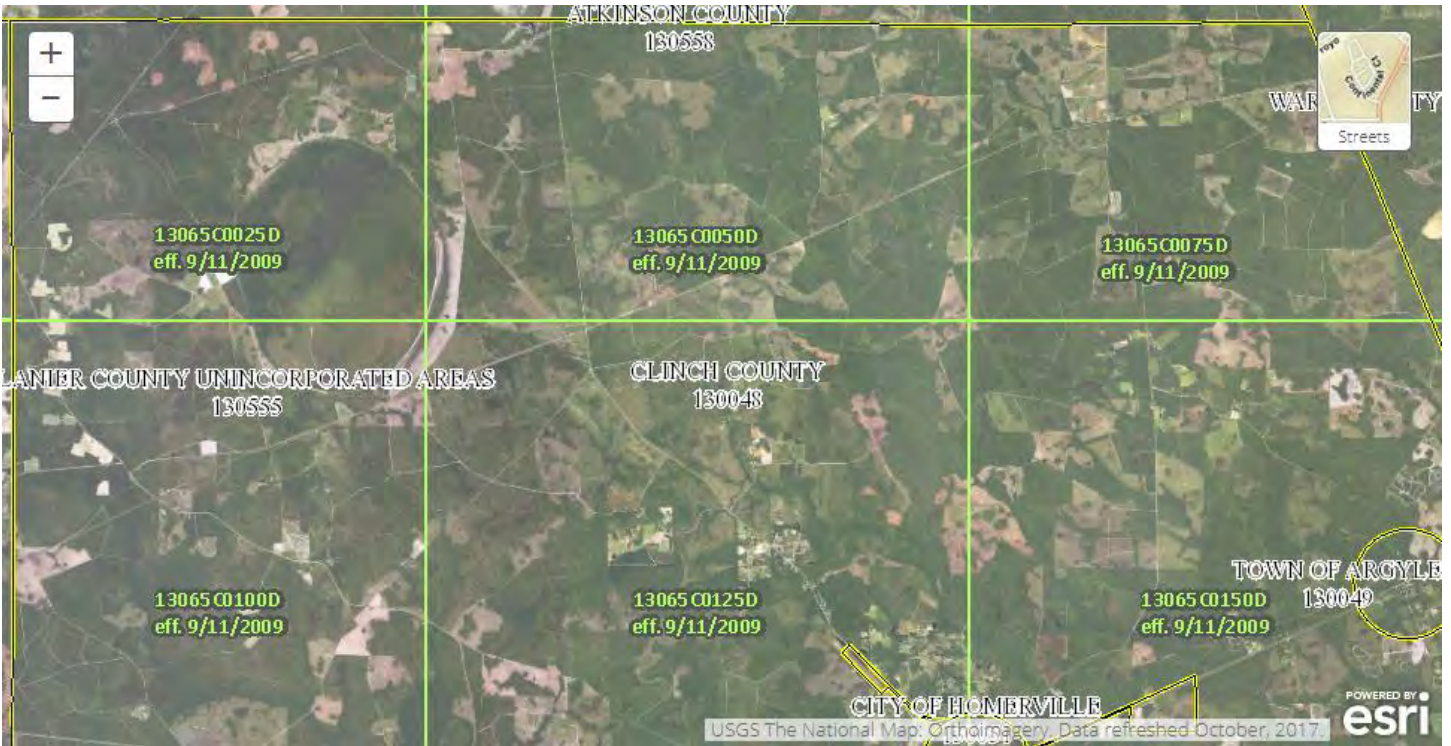
Worst case (Category 5, 24 knots forward motion)

### *Gulf Coast Region*

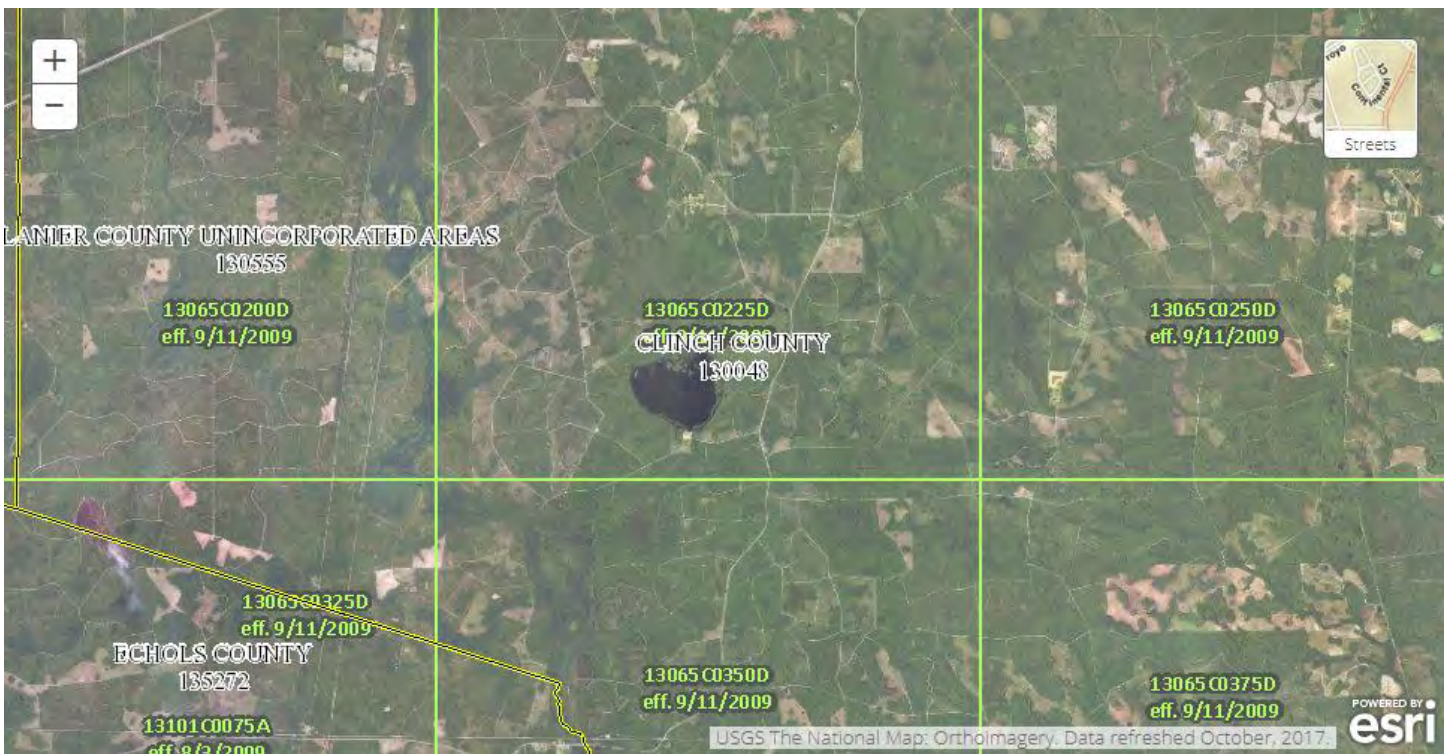
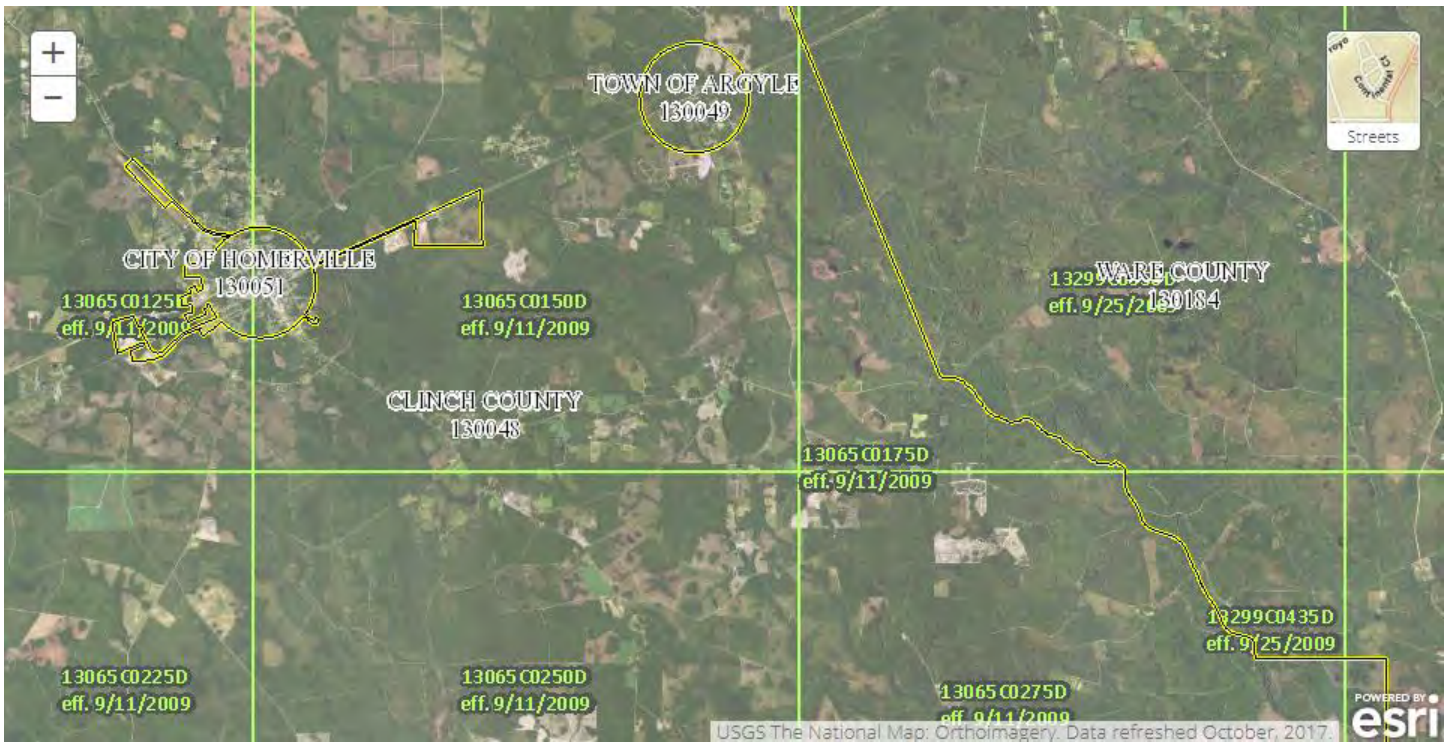


### *East Coast Region*

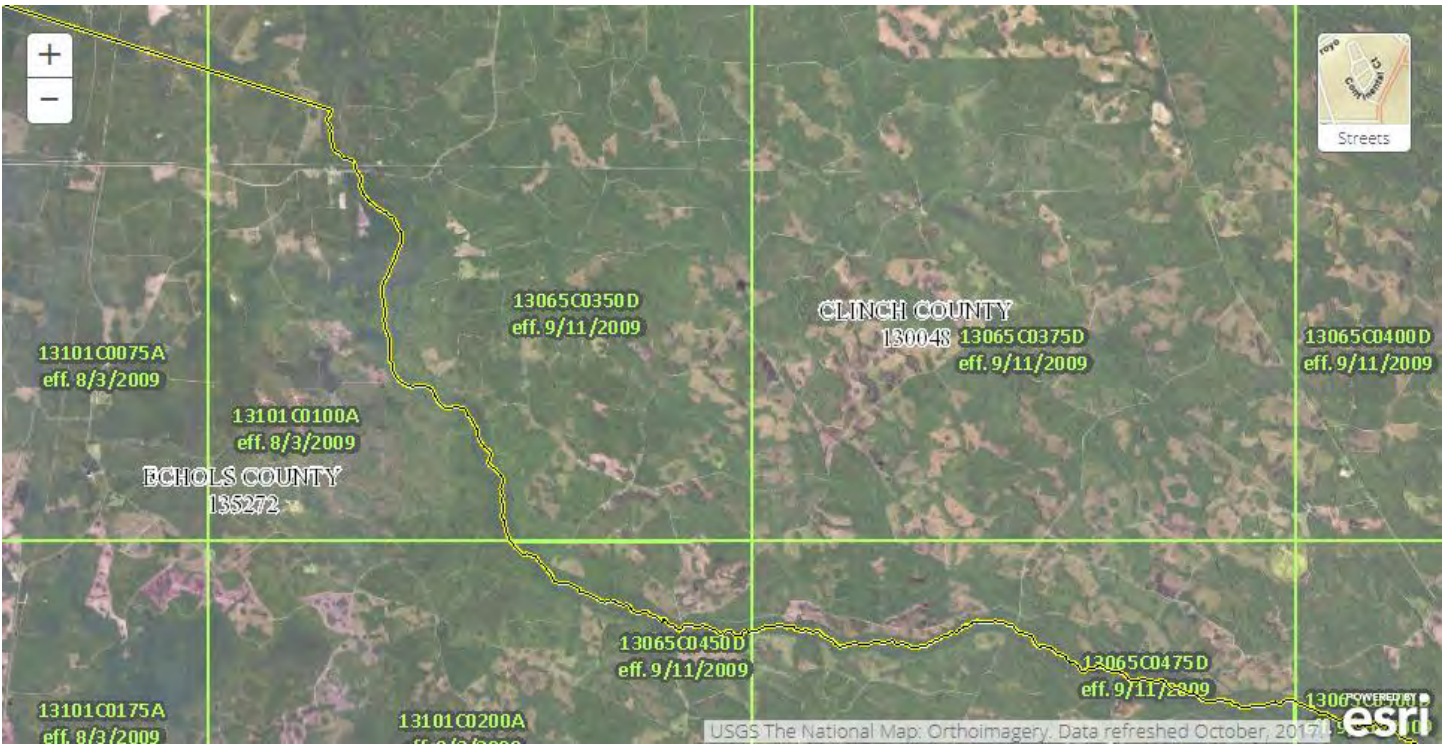
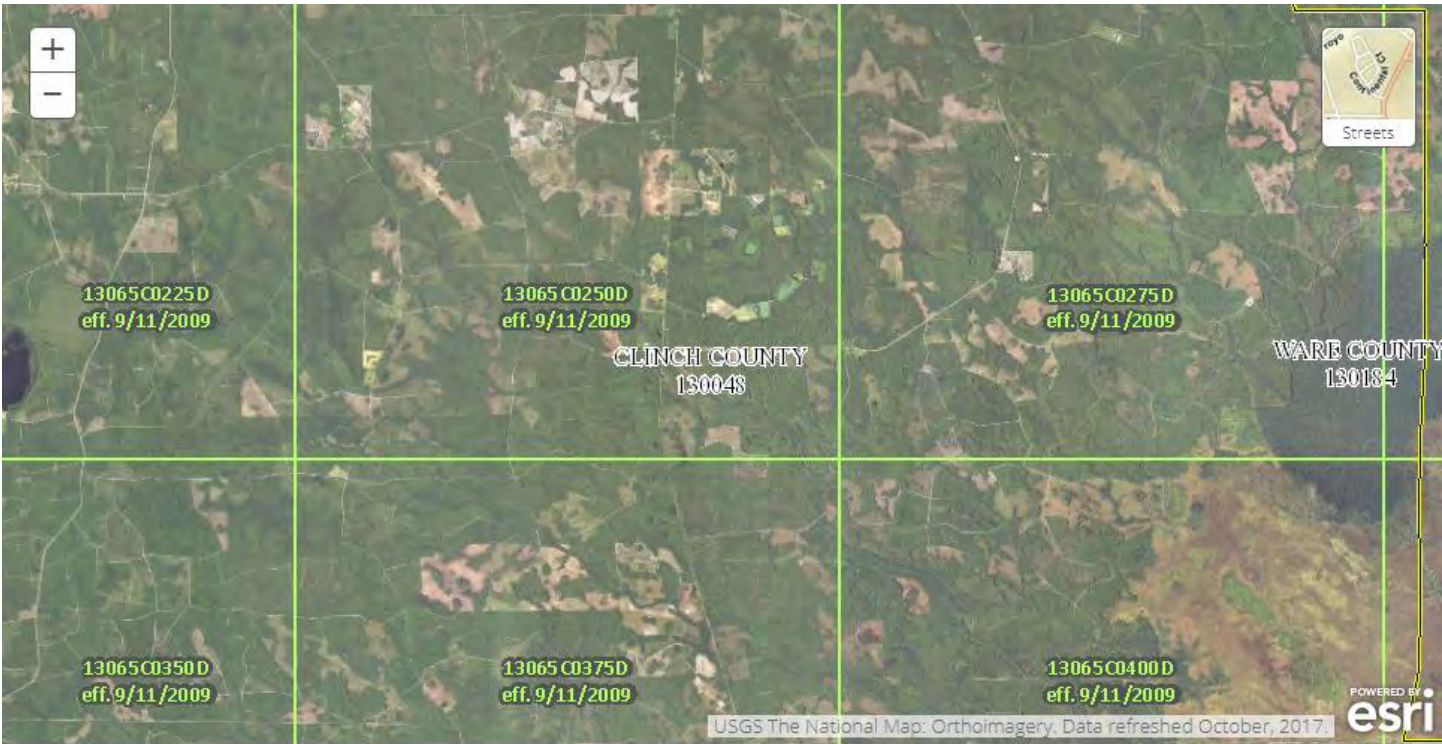
















Source:

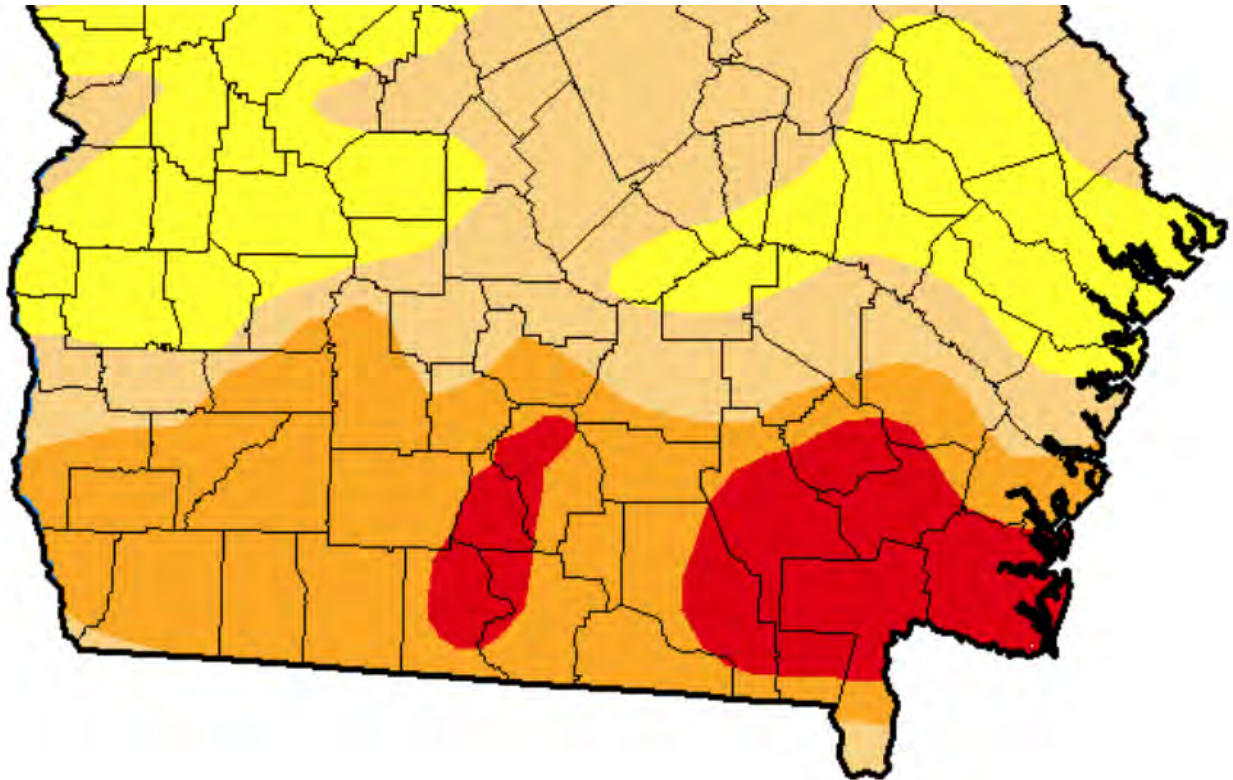
<https://msc.fema.gov/portal/search?AddressQuery=waycross%2C%20ga#searchresultsanchor>

## Drought

The example map below, from the week of May 16, 2017, shows moderate to extreme drought conditions throughout southern Georgia.

Source: U.S. Drought Monitor

(<http://droughtmonitor.unl.edu/Maps/ComparisonSlider.aspx>)



## Drought Classification

None  D0 (Abnormally Dry)  D1 (Moderate Drought)

D2 (Severe Drought)  D3 (Extreme Drought)  D4 (Exceptional Drought)

# **Appendix B**



## QuickFacts Clinch County, Georgia

QuickFacts provides statistics for all states and counties, and for cities and towns with a **population of 5,000 or more**.

Table

All Topics	Clinch County, Georgia
<b>Population estimates, July 1, 2018, (V2018)</b>	<b>NA</b>
<b>PEOPLE</b>	
<b>Population</b>	
<b>Population estimates, July 1, 2018, (V2018)</b>	<b>NA</b>
Population estimates, July 1, 2017, (V2017)	6,727
Population estimates base, April 1, 2010, (V2018)	NA
Population estimates base, April 1, 2010, (V2017)	6,798
Population, percent change - April 1, 2010 (estimates base) to July 1, 2018, (V2018)	NA
Population, percent change - April 1, 2010 (estimates base) to July 1, 2017, (V2017)	-1.0%
Population, Census, April 1, 2010	6,798
<b>Age and Sex</b>	
Persons under 5 years, percent	▲ 7.0%
Persons under 18 years, percent	▲ 25.9%
Persons 65 years and over, percent	▲ 15.9%
Female persons, percent	▲ 51.0%
<b>Race and Hispanic Origin</b>	
White alone, percent	▲ 69.7%
Black or African American alone, percent (a)	▲ 27.1%
American Indian and Alaska Native alone, percent (a)	▲ 0.9%
Asian alone, percent (a)	▲ 0.3%
Native Hawaiian and Other Pacific Islander alone, percent (a)	▲ 0.1%
Two or More Races, percent	▲ 1.8%
Hispanic or Latino, percent (b)	▲ 5.7%
White alone, not Hispanic or Latino, percent	▲ 65.1%
<b>Population Characteristics</b>	
Veterans, 2013-2017	345
Foreign born persons, percent, 2013-2017	2.8%
<b>Housing</b>	
Housing units, July 1, 2017, (V2017)	2,998
Owner-occupied housing unit rate, 2013-2017	71.4%
Median value of owner-occupied housing units, 2013-2017	\$63,100
Median selected monthly owner costs -with a mortgage, 2013-2017	\$972
Median selected monthly owner costs -without a mortgage, 2013-2017	\$357
Median gross rent, 2013-2017	\$483
Building permits, 2017	5
<b>Families &amp; Living Arrangements</b>	
Households, 2013-2017	2,576
Persons per household, 2013-2017	2.45
Living in same house 1 year ago, percent of persons age 1 year+, 2013-2017	85.6%
Language other than English spoken at home, percent of persons age 5 years+, 2013-2017	4.6%
<b>Computer and Internet Use</b>	
Households with a computer, percent, 2013-2017	64.0%
Households with a broadband Internet subscription, percent, 2013-2017	45.2%
<b>Education</b>	
High school graduate or higher, percent of persons age 25 years+, 2013-2017	73.6%
Bachelor's degree or higher, percent of persons age 25 years+, 2013-2017	12.3%
<b>Health</b>	
With a disability, under age 65 years, percent, 2013-2017	12.0%
Persons without health insurance, under age 65 years, percent	▲ 16.0%
<b>Economy</b>	
In civilian labor force, total, percent of population age 16 years+, 2013-2017	

In civilian labor force, female, percent of population age 16 years+, 2013-2017	48.6%
Total accommodation and food services sales, 2012 (\$1,000) (c)	D
Total health care and social assistance receipts/revenue, 2012 (\$1,000) (c)	13,937
Total manufacturers shipments, 2012 (\$1,000) (c)	D
Total merchant wholesaler sales, 2012 (\$1,000) (c)	13,108
Total retail sales, 2012 (\$1,000) (c)	44,688
Total retail sales per capita, 2012 (c)	\$6,652
<b>Transportation</b>	
Mean travel time to work (minutes), workers age 16 years+, 2013-2017	18.5
<b>Income &amp; Poverty</b>	
Median household income (in 2017 dollars), 2013-2017	\$21,838
Per capita income in past 12 months (in 2017 dollars), 2013-2017	\$17,145
Persons in poverty, percent	▲ 27.6%

## BUSINESSES

<b>Businesses</b>	
Total employer establishments, 2016	127
Total employment, 2016	1,611
Total annual payroll, 2016 (\$1,000)	56,853
Total employment, percent change, 2015-2016	-7.6%
Total nonemployer establishments, 2016	403
All firms, 2012	406
Men-owned firms, 2012	212
Women-owned firms, 2012	117
Minority-owned firms, 2012	152
Nonminority-owned firms, 2012	232
Veteran-owned firms, 2012	35
Nonveteran-owned firms, 2012	348

## GEOGRAPHY

<b>Geography</b>	
Population per square mile, 2010	8.5
Land area in square miles, 2010	800.22
FIPS Code	13065



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GEORGIA DEPARTMENT OF REVENUE Local Government Services Division County Digest Section	2018 TAX DIGEST CONSOLIDATED SUMMARY
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County:CLINCH County #:032 Tax District:CLINCH COUNTY

Dist #: 00 Assessment %: 040 Tot Parcels:4322

RESIDENTIAL				UTILITY			
Code	Count	Acres	40% Value	Code	Count	Acres	40% Value
R1	5,108		42,980,196	U1			
R3	1,677	1,405.42	4,923,097	U2	19	3	23,038,991
R4	1,195	4,127.01	4,749,348	U3			
R5	11	167.73	158,480	U4			
R6				U5			
R7				U7			
R9				U9			
RA	1		1,204	UA			
RB	536		579,717	UB			
RF	1		1,578	UF			
RI				UZ			
RZ							
RESIDENTIAL TRANSITIONAL				EXEMPT PROPERTY			
Code	Count	Acres	40% Value	Code	Count	40% Value	
T1				E0			
T3				E1	268	21,784,336	
T4				E2	185	4,798,752	
				E3	29	512,312	
HISTORIC				E4	7	87,132	
Code	Count	Acres	40% Value	E5	37	382,220	
H1				E6	37	3,643,300	
H3				E7			
AGRICULTURAL				E8			
Code	Count	Acres	40% Value	E9	3	34,880	
A1	1,114		7,113,319				
A3	7	14.18	13,840	<b>TOTAL</b>	<b>566</b>	<b>31,242,932</b>	
A4	177	1,807.75	1,247,500	HOMESTEAD AND PROPERTY EXEMPTIONS			
A5	249	47,193.38	17,953,280	Code	Count	M&O	Bond
A6	14		16,404	S1	1,021	2,040,664	
A7				SC	7	14,000	
A9	13	16.93	24,854	S2	0	0	
AA				S3	25	50,000	
AB	59		41,120	S4	221	878,972	
AF	4		265,165	S5	19	718,988	
AI				SD	0	0	
AZ				SS	0	0	
PREFERENTIAL				SE	0	0	
Code	Count	Acres	40% Value	SG	1	36,224	

P3  
P4  
P5  
P6  
P7  
P9

**CONSERVATION USE**

Code	Count	Acres	40% Value
V3			
V4	49	975.93	653,440
V5	355	61,034.22	27,588,920
V6			

**BROWNFIELD PROPERTY**

Code	Count	Acres	40% Value
B1			
B3			
B4			
B5			
B6			

**FOREST LAND CONSERVATION USE**

Code	Count	Acres	40% Value
J3			
J4	3	41.65	18,480
J5	121	365,843.43	101,247,040
J9			

**FLPA FAIR MARKET ASSMT**

Code	Count	Acres	40% Value
F3			
F4	3	41.65	18,176
F5	121	365,843.43	141,189,437
F9			

**Total** 124 365,885.08 141,207,613

**ENVIRONMENTALLY SENSITIVE**

Code	Count	Acres	40% Value
W3			
W4			
W5			

**COMMERCIAL**

Code	Count	Acres	40% Value
C1	643		11,473,686
C3	201	149.57	1,401,274
C4	62	328.17	484,312
C5	4	134.17	114,400
C7			
C9			
CA			
CB			
CF	301		8,380,311
CI	97		1,932,503
CP	4		2,351,748
CZ			

**INDUSTRIAL**

Code	Count	Acres	40% Value
I1	45		3,925,584
I3			
I4	4	45.32	137,880
I5	2	81.36	154,160

S6

S7

S8

S9

SF

7 15,129,005

SA

0 0

SB

0 0

SP

678 478,995

SH

0 0

ST

0 0

SV

404 17,563,427

SJ

124 48,797,965

SW

0 0

SX

SN

73 0

**DO NOT USE CODES L1-L9 ON STATE SHEET**

L1

L2

L3

L4

L5

L6

L7

L8

L9

**TOTAL** 2,580 85,708,240 0

**SUMMARY**

Code	Count	Acres	40% Value
Residential	8,529	5,700.16	53,393,620
Residential Transitional			
Historical			
Agricultural Preferential	1,637	49,032.24	26,675,482
Conservation Use	404	62,010.15	28,242,360
Brownfield Property			
Forest Land Cons Use	124	365,885.08	101,265,520
Environmentally Sensitive			
Commercial	1,312	611.91	26,138,234
Industrial	62	126.68	28,763,055
Utility	19	3	23,038,991
Motor Vehicle	4,379		4,764,210
Mobile Home	403		1,372,400
Timber 100%	201	29,639	21,170,176
Heavy Equipment	0		0
Gross Digest Exemptions Bond	17,070	513,008.22	314,824,048
Net Bond Digest			314,824,048
Gross Digest Exemptions-M&O	17,070	513,008.22	314,824,048
Net M&O Digest			229,115,808

			TAX LEVIED			
			TYPE	ASSESSED VALUE	MILLAGE	TAX
I7						
I9						
IA						
IB			M & O	229,115,808	.000	0.00
IF	6	11,335,399	BOND	314,824,048	.000	0.00
II	2	432,775				
IP	3	12,777,257				
IZ						

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GEORGIA DEPARTMENT OF REVENUE Local Government Services Division County Digest Section	2018 TAX DIGEST CONSOLIDATED SUMMARY
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County:CLINCH County #:032 Tax District:HOMERVILLE

Dist #: 15 Assessment %: 040 Tot Parcels:1150

RESIDENTIAL				UTILITY			
Code	Count	Acres	40% Value	Code	Count	Acres	40% Value
R1	1,399		11,595,438	U1			
R3	884	482.58	2,461,093	U2	7	1	5,284,732
R4	11	70.35	57,295	U3			
R5	2	64.06	66,080	U4			
R6				U5			
R7				U7			
R9				U9			
RA	1		1,204	UA			
RB	74		49,506	UB			
RF	1		1,578	UF			
RI				UZ			
RZ							
RESIDENTIAL TRANSITIONAL				EXEMPT PROPERTY			
Code	Count	Acres	40% Value	Code	Count	40% Value	
T1				E0			
T3				E1	135	13,540,632	
T4				E2	64	1,632,960	
				E3	3	16,000	
HISTORIC				E4	1	70,400	
Code	Count	Acres	40% Value	E5	19	306,416	
H1				E6	15	301,132	
H3				E7			
AGRICULTURAL				E8			
Code	Count	Acres	40% Value	E9	1	5,920	
A1	6		90,960				
A3							
A4	1	15.9	9,800				
A5	2	35.06	67,120				
A6							
A7							
A9							
AA							
AB	2		2,700				
AF							
AI							
AZ							
PREFERENTIAL							
Code	Count	Acres	40% Value				

**TOTAL** 238 15,873,460

**HOMESTEAD AND PROPERTY EXEMPTIONS**

Code	Count	M&O	Bond
S1			
SC			
S2			
S3			
S4			
S5	6	169,568	
SD	0	0	
SS	0	0	
SE	0	0	
SG	1	36,224	

P3				S6			
P4				S7			
P5				S8			
P6				S9			
P7				SF	4	13,805,839	
P9				SA	0	0	
<b>CONSERVATION USE</b>				SB	0	0	
Code Count	Acres	40%	Value	SP	157	134,934	
V3				SH	0	0	
V4				ST	0	0	
V5	4	126.35	117,640	SV	4	93,286	
V6				SJ	0	0	
<b>BROWNFIELD PROPERTY</b>				SW	0	0	
Code Count	Acres	40%	Value	SX			
B1				SN	56	0	
B3				<b>DO NOT USE CODES L1-L9 ON STATE SHEET</b>			
B4				L1			
B5				L2			
B6				L3			
<b>FOREST LAND CONSERVATION USE</b>				L4			
Code Count	Acres	40%	Value	L5			
J3				L6			
J4				L7			
J5				L8			
J9				L9			
<b>FLPA FAIR MARKET ASSMT</b>				<b>TOTAL</b>	<b>228</b>	<b>14,239,851</b>	<b>0</b>
Code Count	Acres	40%	Value	<b>SUMMARY</b>			
F3				Code	Count	Acres	40% Value
F4				Residential	2,372	616.99	14,232,194
F5				Residential			
F9				Transitional			
<hr/>				Historical			
Total				Agricultural	11	50.96	170,580
<b>ENVIRONMENTALLY SENSITIVE</b>				Preferential			
Code Count	Acres	40%	Value	Conservation Use	4	126.35	117,640
W3				Brownfield Property			
W4				Forest Land Cons Use			
W5				Environmentally Sensitive			
<b>COMMERCIAL</b>				Commercial	734	202.19	16,647,633
Code Count	Acres	40%	Value	Industrial	56	97.13	26,980,867
C1	321		7,511,366	Utility	7	1	5,284,732
C3	149	100.86	1,265,542	Motor Vehicle	855		917,770
C4	8	64.46	133,720	Mobile Home	121		297,724
C5	1	36.87	39,560	Timber 100%	0	0	0
C7				Heavy Equipment	0		0
C9				Gross Digest	4,160	1,094.62	64,649,140
CA				Exemptions			
CB				Bond			
CF	176		3,781,627	Net Bond Digest			64,649,140
CI	77		1,692,704	Gross Digest	4,160	1,094.62	64,649,140
CP	2		2,223,114	Exemptions-			14,239,851
CZ				M&O			
<b>INDUSTRIAL</b>				Net M&O Digest			50,409,289
Code Count	Acres	40%	Value				
I1	45		3,925,584				
I3							

I4	4	45.32	137,880				
I5	1	51.81	94,880				
I7							
I9							
IA							
IB							
IF	3		10,879,858				
II	1		359,940				
IP	2		11,582,725				
IZ							

TAX LEVIED			
TYPE	ASSESSED VALUE	MILLAGE	TAX
M & O	50,409,289	10.721	540,437.99
BOND	64,649,140	.000	0.00

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# **Appendix C**

**6. Community Work Program**

**Clinch County 5-Year Community Work Program Update  
(2016 - 2020)**

PROJECTS	ESTIMATED COST	RESPONSIBLE PARTY	FUNDING SOURCE	GOAL	FY 16	FY 17	FY 18	FY 19	FY 20
<b>CULTURAL RESOURCES</b>									
None listed				n/a					
<b>ECONOMIC DEVELOPMENT</b>									
Continue joint program with USDA, DCA, and local lending institutions to provide loan funds to businesses	Staff Time	Clinch County	General Funds	2	*	*	*	*	*
Continue to promote economic development through programs conducted jointly with the Homerville-Clinch County Development Authority and Clinch County Chamber of Commerce.	Staff Time	Clinch County	General Funds	2	*	*	*	*	*
Conduct a CCDA (Clinch County Development Authority) Strategic Planning Session	Staff Time	CCDA	General Funds	2	*				
Develop and implement a Joint Leadership Program with the Cities	Staff Time	Clinch County, CoC, CCDA	General Funds	2	*				
Host a meeting of the Georgia Academy for Economic Development	Staff Time	Clinch County	General Funds	2	*	*			
Establish a partnership between the Board of Education, local industries, and Coastal Pines Technical College to offer a Dual Enrollment Manufacturing Pathway	\$110,000	Board of Education	Various	8	*	*	*	*	*
<b>HOUSING</b>									
Continue to work with USDA and DCA to improve housing stock through renovation, rehabilitation, maintenance, condemnation, and new construction	Staff Time	Clinch County	General Funds	3	*	*	*	*	*
Continue to work with the private sector to facilitate construction of new housing units without giving a quota, as was done in the previous short term work program, to meet the housing demands of the incoming labor force.	Staff Time	Clinch County	General Funds	3	*	*	*	*	*
Continue to apply for CDBG funds to eliminate blight areas through condemnation and rehabilitation projects.	Staff Time	Clinch County	General Funds	3	*	*	*	*	*

PROJECTS	ESTIMATED COST	RESPONSIBLE PARTY	FUNDING SOURCE	GOAL	FY 16	FY 17	FY 18	FY 19	FY 20
Bring public housing up to standard through improvement and remove blight areas through either improvement or demolition.	Staff Time	Clinch County	General Funds	3	*	*	*	*	*
<b>NATURAL RESOURCES</b>									
None listed									
<b>LAND USE</b>									
Continue to operate a building inspection program that involves condemnation, permitting of mobile homes, issuance of building permits, and other land development related activities, and that will eliminate blighted areas.	Staff Time	Clinch County	General Funds	5	*	*	*	*	*
<b>COMMUNITY FACILITIES &amp; SERVICES</b>									
Renovate the County Jail Facility per health and safety standards	\$150,000	Clinch County	General Funds	6	*	*	*	*	*
Resurface all streets in King's Subdivision.	\$1,000,000	Clinch County	General Funds	6	*	*	*	*	*
Resurface Olive Leaf Rd.	\$232,909.77	County/GDOT (LMIG)	County & GDOT	6	*				
Widen and resurface Antioch Rd	\$105,288.04	County/GDOT (LMIG)	County & GDOT	6	*				
Continue to maintain drainage canals at Tatum Creek, Woodyard Creek, and Jones Creek, through mowing and trash removal.	\$25,000/yr	Clinch County	General Funds	6	*	*	*	*	*
Continue to upgrade training and equipment in the Homerville-Clinch County Volunteer Fire Department by offering training on a quarterly basis	\$25,000	Clinch County	General Funds	9	*	*	*	*	*
Resurface Carswell St.	\$42,856	County/GDOT (LMIG)	County & GDOT	6	*				
Resurface Carswell St. Extension	\$56,180	County/GDOT (LMIG)	County & GDOT	6	*				
Resurface North Cemetery Rd.	\$134,582.24	County/GDOT (LMIG)	County & GDOT	6	*				
Resurface Corbitt Rd.	\$136,153.70	County/GDOT (LMIG)	County & GDOT	6	*				
Recruit and employ two Family Practice physicians to Clinch Memorial Hospital	\$25,000	Clinch Memorial Hospital	Clinch Memorial Hospital	9	*	*	*	*	*
Construct Clinch Memorial Hospital Residential Care Home – 18-beds (6 Memory Care beds and 12 Personal Care Beds). Legacy Consulting has completed a feasibility study indicating the need for 18-beds in the Clinch County region.	\$600,000	Clinch Memorial Hospital	Unknown. Will research grant opportunities.	9	*	*	*		

PROJECTS	ESTIMATED COST	RESPONSIBLE PARTY	FUNDING SOURCE	GOAL	FY 16	FY 17	FY 18	FY 19	FY 20
Repair and expand drainage systems at all Board of Education facilities	\$150,000	Board of Education	Various	6	*	*	*	*	*
Resurface parking at Board of Education central office	\$50,000	Board of Education	Various	6	*	*	*	*	*
Connect Alternative School & Bus Shop to Board of Education System Network with a 10GB WAN broadband connection	\$130,000	Board of Education	Various & E-Rate	6	*	*	*	*	*
Submit Certificate of Need application for Clinch Memorial Hospital Home Health Care Services.	\$20,000	Clinch Memorial Hospital	Clinch Memorial Hospital	9	*	*	*	*	*
Develop a department within Clinch Memorial Hospital that will provide non-medical home care services	\$15,000	Clinch Memorial Hospital	Clinch Memorial Hospital	9	*	*	*		
Establish a partnership with the HBOC company to provide wound care	\$120,000	Clinch Memorial Hospital	Clinch Memorial Hospital	9	*	*			
Construct a residential long-term substance abuse and addiction treatment center for women	\$75,000	Clinch Memorial Hospital	Clinch Memorial Hospital	9	*	*	*	*	*
<b>INTERGOVERNMENTAL COORDINATION</b>									
(None listed)									

**Argyle 5-Year Community Work Program Update**  
(2016 - 2020)

PROJECTS	ESTIMATED COST	RESPONSIBLE PARTY	FUNDING SOURCE	GOAL	FY 16	FY 17	FY 18	FY 19	FY 20
<b>CULTURAL RESOURCES</b>									
Purchase Christmas decorations for the light poles to beautify Hwy. 84 and its cross streets.	\$5,000	Town of Argyle	General Funds	1	*	*			
<b>HOUSING</b>									
Continue to eliminate blight areas throughout Argyle through condemnation and rehabilitation projects.	Staff Time with assistance from private sector	Argyle, Clinch County	General Fund	3	*	*	*	*	*
<b>COMMUNITY FACILITIES &amp; SERVICES</b>									
Purchase additional firefighting equipment, including breathing gear	\$10,000	Town of Argyle	FEMA	6	*				
Renovate and repair the Arthur J. Moore Community Center	\$500,000	Town of Argyle	Grants	6	*	*			
Construct a new drainage system for the City of Argyle.	\$250,000	Town of Argyle	Grants	6	*	*	*		
Renovate and repair water tower	\$200,000	Town of Argyle	Grants	6	*	*			
<b>NATURAL RESOURCES</b>									
None listed									
<b>LAND USE</b>									
None listed									
<b>INTERGOVERNMENTAL COORDINATION</b>									
None listed									



**Du Pont 5-Year Community Work Program Update**  
(2016 - 2020)

PROJECTS	ESTIMATED COST	RESPONSIBLE PARTY	FUNDING SOURCE	GOAL	FY 16	FY 17	FY 18	FY 19	FY 20
<b>CULTURAL RESOURCES</b>									
None listed									
<b>ECONOMIC DEVELOPMENT</b>									
None listed									
<b>HOUSING</b>									
Continue to eliminate blight areas throughout Du Pont through condemnation and rehabilitation projects.	Staff Time	Town of DuPont /County	General Fund	3	*	*	*	*	*
<b>NATURAL RESOURCES</b>									
None Listed									
<b>LAND USE</b>									
Assist Clinch County in the creation of a countywide building inspection program involved in condemnation, permitting of mobile homes, and issuance of building permits.	Staff Time	Town of DuPont	General Fund	5	*	*	*	*	*
<b>COMMUNITY FACILITIES &amp; SERVICES</b>									
Rework water system by replacing and rerouting pipes.	\$100,000	Town of DuPont	General Fund	6	*	*	*	*	*
Replace all street signs with new reflective lettering and breakaway brackets.	\$15,000	Town of DuPont	General Fund	6	*	*	*	*	*
Purchase air packs for firefighters.	\$10,000	Town of DuPont	General Fund	9	*	*	*	*	*

**Fargo 5-Year Community Work Program Update**  
(2016 - 2020)

PROJECTS	ESTIMATED COST	RESPONSIBLE PARTY	FUNDING SOURCE	GOAL	FY 16	FY 17	FY 18	FY 19	FY 20
<b>CULTURAL RESOURCES</b>									
Renovate Auditorium and Lunchroom	\$150,000	City of Fargo	Various	5					*
<b>ECONOMIC DEVELOPMENT</b>									
Secure CDBG loan funds for small businesses	Staff time	City of Fargo	General Fund	2	*	*	*	*	*
In collaboration with the Department of Natural Resources, continue to conduct a marketing campaign to promote the Suwannee River Eco-Lodge and golf course packages.	Staff time	City of Fargo	Various	4	*	*	*	*	*
In collaboration with small businesses, conduct a marketing campaign to promote the City of Fargo as a business location.	Staff time	City of Fargo	Various	2	*	*	*	*	*
Construct a golf cart house and driving range at Fargo Golf Course	\$150,000	City of Fargo	Various	2	*			*	
Build a boardwalk to connect businesses to the Suwannee River Eco-Lodge	\$350,000	City of Fargo	Various	2		*	*		
Improve downtown aesthetics with new streetscaping, sidewalks, and clearer delineation of parking spaces and parking areas.	\$100,000	City of Fargo	CDBG	6	*				
<b>HOUSING</b>									
Apply for CHIP program grants.	Staff time	City of Fargo	General Fund	3	*	*	*	*	*
Provide assistance to citizens with dilapidated housing through renovation and maintenance	\$300,000	City of Fargo	CDBG	9	*	*			
<b>NATURAL RESOURCES</b>									
Acquire land for an overnight campsite at Stephen Foster State Park, and construct campsite facilities	\$100,000	City of Fargo	Various	4			*		

PROJECTS	ESTIMATED COST	RESPONSIBLE PARTY	FUNDING SOURCE	GOAL	FY 16	FY 17	FY 18	FY 19	FY 20
Conduct a marketing campaign to promote the City of Fargo and surrounding area as an Eco-Tourism destination.	\$10,000	City of Fargo	Various	2	*	*	*	*	*
Conduct a marketing campaign to encourage Stephen Foster State Park visitors to also visit the business district of the City of Fargo.	\$10,000	City of Fargo	Various	2	*	*	*	*	*
<b>LAND USE</b>									
None listed									
<b>COMMUNITY FACILITIES &amp; SERVICES</b>									
Pave Tupelo Road	\$60,000	City of Fargo	Various	6	*				
Install new water meters throughout the city water system	\$175,000	City of Fargo	Various	6		*	*	*	*
Upgrade 1500-gallon fire knocker	\$50,000	City of Fargo	Various	9	*				
Expand, repair, and upgrade the drainage system city-wide	\$350,000	City of Fargo	Various	6	*				
<b>INTERGOVERNMENTAL COORDINATION</b>									
None listed									

**Homerville 5-Year Community Work Program Update  
(2016 - 2020)**

PROJECTS	ESTIMATED COST	RESPONSIBLE PARTY	FUNDING SOURCE	GOAL	FY 16	FY 17	FY 18	FY 19	FY 20
<b>CULTURAL RESOURCES</b>									
Gain certification as a Main Street Certified Local Government	Staff time	City of Homerville & City of Homerville Classic Main Street Program	General Funds	2	*	*			
With assistance from the National Register Organization, secure the designation of a Downtown Homerville Historic District. (In process of re-applying with noted improvements after failing to be designated with the first application submitted.)	Staff time	Homerville Classic Main Street Program, Homerville Historic Preservation Board of Commissioners & City of Homerville	General Funds	2	*	*			
<b>ECONOMIC DEVELOPMENT</b>									
Continue to promote economic development through programs conducted jointly with the Homerville-Clinch County Development Authority and Clinch County Chamber of Commerce.	Staff time	City of Homerville	General Funds	2	*	*	*	*	*
Continue ongoing efforts to find opportunities to expand the Homerville West Industrial Park and the newer Homerville East Industrial Park and upgrade facilities at both parks	Staff time	City of Homerville	General Funds, EIP Funding and/or any other type of potential grant or funding source	5	*	*	*	*	*
Continue participating and cooperating in the promotion of the widening of US Hwy 84 to 4 lanes from the east side of Homerville to the Ware County line, in collaboration with GDOT, Utility Companies, and the US 84 Economic Development Council	Staff time	City of Homerville	General Funds and any potential or available government funding entities	3	*	*	*		
In collaboration with the Clinch County Development Authority and Clinch County Government, develop a new short- and long-term joint Strategic Plan for the entire county and all cities within it	Staff time	City of Homerville	General Funds	2	*	*			

PROJECTS	ESTIMATED COST	RESPONSIBLE PARTY	FUNDING SOURCE	GOAL	FY 16	FY 17	FY 18	FY 19	FY 20
Extend water lines and service to existing industrial sites in order to provide compliant fire protection and increased capacity, thereby allowing for the creation of at least 21 new jobs	\$250, 000	City of Homerville, Clinch County Development Authority and the local benefiting industry	EIP loan and matching industry funds	2	*	*			
Level, resurface, and widen access points to Chambers Boulevard in the Homerville West Industrial Park to accommodate heavy truck traffic to multiple industries located within	\$76, 000	Clinch County Development Authority, City of Homerville	CCDA Funds, City of Homerville General Funds	1	*				
Continue to support and host the Georgia Academy for Economic Development training sessions in the Homerville Historic Station No. 11 Train Depot event center.	Staff time	City of Homerville, Homerville Classic Main Street Program, CCDA	General Funds	2	*	*			
Develop a joint county-wide Leadership Program, in cooperation with the cities, applicable committees, and boards	Staff time	The cities of Homerville, Argyle, Fargo, DuPont, County, multiple committees and organizations	General Funds	5	*	*	*	*	*
<b>HOUSING</b>									
Continue renovating existing housing units and/or building new units for public and affordable low-income housing, in collaboration with the Housing Authority, DCA, SGRC, USDA, and private sector.	Staff time	HUD, DCA, SGRC, USDA, City of Homerville	Potential available grants and/or low interest loan funding through the designated organizations and City of Homerville General Funds	5	*	*	*	*	*
Continue to research and apply for available CDBG or other funding to assist with efforts to remove blight in the city and improve the community through condemnation and rehabilitation projects	Staff time	HUD, DCA, SGRC, USDA, City of Homerville	CDBG, City of Homerville General Funds	5	*	*	*	*	*
<b>NATURAL RESOURCES</b>									
(none listed)									

PROJECTS	ESTIMATED COST	RESPONSIBLE PARTY	FUNDING SOURCE	GOAL	FY 16	FY 17	FY 18	FY 19	FY 20
<b>LAND USE</b>									
Continue to operate a building inspection program that involves condemnation, permitting of mobile homes, issuance of building permits, and other land development related activities, and that will eliminate blighted areas.	Staff time	City of Homerville	General Funds	5	*	*	*	*	*
Continue the expansion of city-owned Pine Forest Cemetery by development of approximately 25 acres of adjacent timberland due to the existing developed cemetery land being near capacity	Staff time	City of Homerville	General Funds	1	*				
<b>COMMUNITY FACILITIES &amp; SERVICES</b>									
Purchase and install 6 lift stations.	\$300,000	City of Homerville	CDBG Funds	6	*	*	*	*	*
Construct a new shop for the maintenance building.	\$150,000	City of Homerville	General Funds	6	*	*	*	*	*
Expand, repair, and upgrade the drainage system city-wide	\$400,000	City of Homerville	General Funds	6	*	*	*	*	*
Repave McGlashan Street	\$100,000	City of Homerville	GDOT LMIG & City of Homerville General Fund and SPLOST	6	*	*	*	*	*
Repave North College Street	\$100,000	City of Homerville	GDOT LMIG & City of Homerville General Fund and SPLOST	6	*	*	*	*	*
Level and resurface Carswell Street	\$90, 500	City of Homerville	GDOT LMIG & City of Homerville General Fund and SPLOST	6	*	*			
Level and resurface Court Street and Courthouse Square	\$15,000	City of Homerville	GDOT LMIG & City of Homerville General Fund and SPLOST	6	*	*			
Level and resurface Tomlinson Street	\$33, 603	City of Homerville	GDOT LMIG & City of Homerville General Fund and SPLOST	6	*	*			

PROJECTS	ESTIMATED COST	RESPONSIBLE PARTY	FUNDING SOURCE	GOAL	FY 16	FY 17	FY 18	FY 19	FY 20
Level and resurface Elna Street	\$56,270	City of Homerville	GDOT LMIG & City of Homerville General Fund and SPLOST	6	*	*			
Level and resurface Magnolia Street	\$34, 230	City of Homerville	GDOT LMIG & City of Homerville General Fund and SPLOST	6	*	*	*	*	*
Level and resurface Virginia Avenue	\$41, 126	City of Homerville	GDOT LMIG & City of Homerville General Fund and SPLOST	6	*	*	*	*	*
Level and resurface Orange Street	\$16, 500	City of Homerville	GDOT LMIG & City of Homerville General Fund and SPLOST	6	*	*	*	*	*
Level and resurface Wiregrass Street	\$17, 678	City of Homerville	GDOT LMIG & City of Homerville General Fund and SPLOST	6	*	*	*	*	*
Level and resurface Wiregrass Street Ext	\$22, 058	City of Homerville	GDOT LMIG & City of Homerville General Fund and SPLOST	6	*	*	*	*	*
Level and resurface Reddick Street	\$89, 892	City of Homerville	GDOT LMIG & City of Homerville General Fund and SPLOST	6	*	*	*	*	*
Level and resurface Brown Street	\$41, 123	City of Homerville	GDOT LMIG & City of Homerville General Fund and SPLOST	6	*	*	*	*	*
Continue to upgrade and improve Macy-Brance and Pea Ridge Community Recreation Parks by replacing and adding playground equipment, picnic table placement and replacement, and additional landscaping enhancements	\$40, 000	City of Homerville	General Fund, potential Grant opportunities available	6	*	*	*	*	*

PROJECTS	ESTIMATED COST	RESPONSIBLE PARTY	FUNDING SOURCE	GOAL	FY 16	FY 17	FY 18	FY 19	FY 20
Continue to pursue and research the establishment of a Community Center to include spaces for public training, after-school programs, and other activities	Staff time	City of Homerville, DCA, SGRC, Housing Authority	Potential CDBG and other sources of funding, City of Homerville General Funds	6	*	*	*	*	*
Construct a shelter at the water treatment / maintenance facility for the storage of exposed City equipment	\$21, 750	City of Homerville	General Funds	6	*	*	*		
Replace the old Shirley Road sewer system lift pump station and repair / rehabilitate the system sewer lines and manholes throughout the area served by that station	\$525, 000	City of Homerville, DCA, SGRC	CDBG (Community Development Block Grant) & City of Homerville General Funds	6	*	*	*		
Continue the ongoing process of replacing sewer lift pump stations, repairing & rehabilitating sewer system lines & manholes that have not been upgraded plus upgrade and make repairs to the water works system and the water/sewer treatment facilities	\$950, 000	City of Homerville, DCA, SGRC	CDBG (Community Development Block Grant) & City of Homerville General Funds	6	*	*	*	*	*
In cooperation with the DCA and USDA, purchase, renovate, and equip an old vacant building located in the City of Homerville in order to establish a Community Commercial Kitchen & Canning facility for use by residents of Clinch County and surrounding areas	\$450, 000	City of Homerville, Homerville Main Street Program, USDA, DCA, & SGRC	Potential CDBG and other sources of funding, City of Homerville General Funds	2	*	*	*		
Continue to work with the County and other cities in the county to implement and complete the final Phase 2 portion of the Homerville – Clinch County Recreation Complex and Park construction process	\$400, 000	Clinch County and the cities of Homerville, Argyle, Fargo and DuPont	SPLOST designated funds shared by all responsible parties, City of Homerville General Funds	6	*	*	*	*	*
Improve the drainage issues in the city by thoroughly cleaning all city storm water drainage ditches and canals, then establish a new scheduled maintenance program	\$400,000	City of Homerville	General Funds	6	*	*	*	*	*
Continue to secure and upgrade equipment and provide training to the Homerville – Clinch County Fire Department	\$200,000	City of Homerville, County	General Funds, Public Safety related Grants & loans, SPLOST	9	*	*	*	*	*



PROJECTS	ESTIMATED COST	RESPONSIBLE PARTY	FUNDING SOURCE	GOAL	FY 16	FY 17	FY 18	FY 19	FY 20
Purchase 4 new patrol cars to replace old ones for the Police Department	\$120, 000	City of Homerville	General Funds, Public Safety related Grants & loans, SPLOST	9	*	*	*	*	*
Ongoing annual purchase of Christmas lights and decorations for the City	\$50, 000	City of Homerville, Homerville Classic Main Street Program	General Funds	5	*	*	*	*	*
Continue preparation with the county and cities of Fargo, Argyle and DuPont to undergo a new state ISO Rating Inspection to enhance the safety of all citizens and their property as well as reduce all insurance rates by improvement in our fire department system and lowering the risk exposure of all	\$30, 000	The cities of Homerville, Argyle, Fargo, DuPont and Clinch County	General Funds	9	*				
<b>INTERGOVERNMENTAL COORDINATION</b>									
Continue the ongoing joint projects as listed in the CWP, Comprehensive Plan, and CEDS	Staff time	City of Homerville	General Funds	5	*	*	*	*	*

# **Appendix D**

CLINCH COUNTY  
HAZARD FREQUENCY TABLE

Hazard	Number of Events in Historic Record	Number of Years in Historic Record	Number of Events in Past 10 Years	Number of Events in Past 20 Years	Number of Events in Past 50 Years	Historic Recurrence Interval (years)	Historic Frequency % chance/year	Past 10 Year Record Frequency Per Year	Past 20 Year Record Frequency Per Year	Past 50 Year Record Frequency Per Year
Wildfires	3311	50	359	852	3311	0.02	6622.00	35.9	42.6	66.22
Thunderstorms and Wind	140	70	42	114	140	0.50	200.00	4.2	5.7	2.8
Tornadoes	6	69	1	5	6	11.50	8.70	0.1	0.25	0.12
Floods	3	69	0	2	3	23.00	4.35	0	0.1	0.06
Drought	381	20	203	381	381	0.05	1905.00	20.3	19.05	7.62
Hurricanes/Tropical Storms	6	70	3	6	6	11.67	8.57	0.3	0.3	0.12
Winter Storm	4	69	3	4	4	17.25	5.80	0.3	0.2	0.08
Hail	44	69	7	40	44	1.57	63.77	0.7	2	0.88

**NOTE: The historic frequency of a hazard event over a given period of time determines the historic recurrence interval. For example: If there have been 20 HazMat Releases in the County in the past 5 years, statistically you could expect that there will be 4 releases a year.**

**Realize that from a statistical standpoint, there are several variables to consider. 1) Accurate hazard history data and collection are crucial to an accurate recurrence interval and frequency. 2) Data collection and accuracy has been much better in the past 10-20 years (NCDC weather records). 3) It is important to include all significant recorded hazard events which will include periodic updates to this table.**

**By updating and reviewing this table over time, it may be possible to see if certain types of hazard events are increasing in the past 10-20 years.**

Date:

What kinds of natural hazards can affect you?

**Task A. List the hazards that may occur.**

1. Research newspapers and other historical records
2. Review existing plans and reports.
3. Talk to the experts in your community, state, or region.
4. Gather information on Internet Websites.
5. Next to the hazard list below, put a check mark in the Task A boxes beside all hazards that may occur in your community or state.

**Task B. Focus on the most prevalent hazard in your community or state.**

1. Go to hazard Websites.
2. Locate your community or state on the Website map.
3. Determine whether you are in a high-risk area. Get more localized information if necessary.
4. Next to the hazard list below, put a check mark in the Task B boxes beside all hazards that post a significant threat.

**Task A**    **Task B**    Use this space to record information you find for each of the hazards you will be researching. Attach additional pages as necessary.

- Avalanche    \_\_\_    \_\_\_
- Coastal Erosion**    \_\_\_    \_\_\_
- Coastal Storm**    \_\_\_    \_\_\_
- Dam Failure**    \_\_\_    \_\_\_
- Drought     X      X
- Earthquake**    \_\_\_    \_\_\_
- Expansive Soils    \_\_\_    \_\_\_
- Extreme Heat    \_\_\_    \_\_\_
- Flood**     X      X
- Hailstorm     X      X
- Hurricane**     X      X
- Land Slide    \_\_\_    \_\_\_
- Severe Winter Storm     X      X
- Tornado**     X      X
- Tsunami**    \_\_\_    \_\_\_
- Volcano    \_\_\_    \_\_\_
- Wildfire**     X      X
- Windstorm    \_\_\_    \_\_\_
- Hazard Material    \_\_\_    \_\_\_
- Radiological    \_\_\_    \_\_\_
- Other: Thunderstorm/Wind    X    X
- Other \_\_\_\_\_    \_\_\_    \_\_\_
- Other \_\_\_\_\_    \_\_\_    \_\_\_

Hazard or Event Description (Type of hazard, date of event, number of injuries, cost and types of damage, etc.)	Source of Information	Map Available for this Hazard?	Scale of Map

*Note: **Bolded** hazards are addressed in this How-to Guide.*

# GEMA Worksheet #2

# Profile Hazard Events Step 2

County:

Date:

How Bad Can It Get?

Task A. Obtain or create a base map.

GEMA will be providing you with a base map, USGS topos and DOQQ as part of our deliverables to local government for the planning process. Additionally, we will be providing you with detailed hazard layer coverages. These data layers originate from state or nationwide coverage or datasets. Therefore, it is important for local government to assess what you already have at the local level. It is important for you at the local level to have an idea of what existing maps you have available for the planning process. Some important things to think about:

- 1) What maps do we already have in the county that would be relevant to the planning process?
- 2) Have other local plans used maps or mapping technology where there is specific data that is also needed in my local plan?
- 3) What digital maps do we have?
- 4) Do we have any Geographic Information System (GIS) data, map themes or layers or databases here at the local level (or regional) that we can use?
- 5) If we do have any GIS data, where is it located at, and who is our local expert?
- 6) Are there any ongoing GIS or mapping initiatives at the local level in other planning or mapping efforts? If so, what are they, and what are the timetables for completion?
- 7) Are there mapping needs that have been identified at the local level in the past? If so, what are they and when were they identified?
- 8) Of the existing maps, GIS data and other digital mapping information, what confidence do we have at the local level that it is accurate data?

***Please answer the above questions on a separate sheet of paper and attach to this worksheet.***

It is important to realize that those counties that already have GIS and digital mapping, (ie: parcel level data, GPS fire hydrants, etc) higher levels of spatial accuracy and detail will exist for some data layers at the local level. However, for this planning process, that level of detail will not be needed on all layers in the overall mapping and analysis.

You can use existing maps from:

- Road Maps
- USGS topographic maps or Digital Orthophoto Quarter Quads (DOQQ)
- Topographic and/or planimetric maps from other agencies
- Aerial topographic and/or planimetric maps
- Field Surveys
- GIS software
- CADD software
- Digitized paper map

Title of Map	Scale	Date

Task B. Obtain a hazard event profile.	Task C. Record your hazard event profile information.
Avalanche	
Coastal Storm / Coastal Erosion <ol style="list-style-type: none"> <li>1. Get a copy of your FIRM. _____</li> <li>2. Verify that the FIRM is up-to-date and complete. _____</li> <li>3. Determine the annual rate of coastal erosion. _____</li> <li>4. Find your design wind speed. _____</li> </ol>	<ol style="list-style-type: none"> <li>1. Transfer the boundaries of your coastal storm hazard areas onto your base map.</li> <li>2. Transfer the BFEs onto your base map.</li> <li>3. Record the erosion rates on your base map: _____</li> <li>4. Record the design wind speed here and on your base map: _____</li> </ol>
Dam Failure	
Drought	
Earthquake <ol style="list-style-type: none"> <li>1. Go to the <a href="http://geohazards.cr.usgs.gov">http://geohazards.cr.usgs.gov</a> Website.</li> <li>2. Locate your planning area on the map.</li> <li>3. Determine your PGA. _____</li> </ol>	<ol style="list-style-type: none"> <li>1. Record your PGA: _____</li> <li>2. If you have more than one PGA print, download or order your PGA map.</li> </ol>
Expansive Soils	
Extreme Heat	
Flood <ol style="list-style-type: none"> <li>1. Get a copy of your FIRM. _____</li> <li>2. Verify the FIRM is up-to-date and complete. _____</li> </ol>	<ol style="list-style-type: none"> <li>1. Transfer the boundaries from your firm onto your base map (floodway, 100-yr flood, 500-yr flood).</li> <li>2. Transfer the BFEs onto your base map.</li> </ol>
Hailstorm	
Hurricane	
Land Subsidence	
Landslide <ol style="list-style-type: none"> <li>1. Map location of previous landslides. _____</li> <li>2. Map the topography. _____</li> <li>3. Map the geology. _____</li> <li>4. Identify thee high-hazard areas on your map. _____</li> </ol>	<ol style="list-style-type: none"> <li>1. Mark the areas susceptible to landslides onto your base map.</li> </ol>
Severe Winter Storm	
Tornado <ol style="list-style-type: none"> <li>1. Find your design wind speed. _____</li> </ol>	<ol style="list-style-type: none"> <li>1. Record your design wind speed: _____</li> <li>2. If you have more than one design wind speed, print, download or copy your design wind speed zones, copy the boundary of your design wind speed zones on your base map, then record the design wind speed zones on your base map.</li> </ol>
Tsunami	
Wildfire <ol style="list-style-type: none"> <li>1. Map the fuel models located within the urban-wildland interface areas. _____</li> <li>2. Map the topography. _____</li> <li>3. Determine your critical fire weather frequency. _____</li> <li>4. Determine your fire hazard severity. _____</li> </ol>	<ol style="list-style-type: none"> <li>1. Draw the boundaries of your wildfire hazard areas onto your base map.</li> </ol>
Other <ol style="list-style-type: none"> <li>1. Map the hazard. _____</li> </ol>	<ol style="list-style-type: none"> <li>1. Record hazard event info on your base map.</li> </ol>



## Worksheet #4 Evaluate Alternative Mitigation Actions

1. Fill in the goal and its corresponding objective. Use a separate worksheet for each objective. The considerations under each criterion are suggested ones to use; you can revise these to reflect your own considerations (see Table 2-1).

2. Fill in the alternative actions that address the specific objectives the planning team identified in Worksheet #1.

3. **Scoring:** For each consideration, indicate a plus (+) for favorable, and a negative (-) for less favorable.

When you complete the scoring; negatives will indicate gaps or shortcomings in the particular action, which can be noted in the Comments section. For considerations that do not apply, fill in N/A for not applicable. Only leave a blank if you do not know an answer. In this case, make a note in the Comments section of the “expert” or source to consult to help you evaluate the criterion.

### Goal 1: Prevent or reduce damage caused by Wildfire in Clinch County and the Cities of Argyle, Du Pont, Fargo and Homerville.

Objective 1: Minimize losses to existing and future structures, especially Critical Facilities and Infrastructure, and woodlands due to wildfire.

STAPLEE Criteria Considerations → for Alternative Actions ↓	S (Social)		T (Technical)			A (Administrative)			P (Political)			L (Legal)			E (Economic)				E (Environmental)				
	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance / Operations	Political Support	Local Champion	Public Support	State Authority	Existing Local Authority	Potential Legal Challenge	Benefit of Action	Cost of Action	Contributes to Economic Goals	Outside Funding Required	Effect on Land / Water	Effect on Endangered Species	Effect on HAZMAT / Waste Sites	Consistent with Community Environmental Goals	Consistent With Federal Laws
Action Step #1: Seek funding to obtain adequate firefighting equipment to each station as per required need	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A	
Action Step #2: Provide up to date training for all firefighting personnel to include S130, S190, and S215	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A	
Action Step #3: Seek funding to install more dry hydrants in populous areas.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A	

STAPLEE Criteria	S		T			A			P			L			E								
	(Social)		(Technical)			(Administrative)			(Political)			(Legal)			(Economic)				(Environmental)				
Considerations → for Alternative Actions ↓	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance / Operations	Political Support	Local Champion	Public Support	State Authority	Existing Local Authority	Potential Legal Challenge	Benefit of Action	Cost of Action	Contributes to Economic Goals	Outside Funding Required	Effect on Land / Water	Effect on Endangered Species	Effect on HAZMAT / Waste Sites	Consistent with Community Environmental Goals	Consistent With Federal Laws
Action Step #4: Seek funds to repair existing ponds	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A
Action Step #5: Seek funding to acquire fire tankers (2000 to 3000 gallons) for local fire departments	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A
Action Step #6: Support and enforce the use of required burn permits at the local level	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A
Action Step #7: Encourage local governments and individual homeowners to trim tree lines and create fire buffers around homes, businesses, and utilities	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A
Action Step #8: Clinch County and the Cities of Du Pont and Homerville should become "Firewise" Communities	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A

STAPLEE Criteria	S		T			A			P			L			E								
	(Social)		(Technical)			(Administrative)			(Political)			(Legal)			(Economic)				(Environmental)				
Considerations → for Alternative Actions ↓	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance / Operations	Political Support	Local Champion	Public Support	State Authority	Existing Local Authority	Potential Legal Challenge	Benefit of Action	Cost of Action	Contributes to Economic Goals	Outside Funding Required	Effect on Land / Water	Effect on Endangered Species	Effect on HAZMAT / Waste Sites	Consistent with Community Environmental Goals	Consistent With Federal Laws
Action Step #9: Promote more efficient use of surface irrigation	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A
Action Step #10: Increase public awareness of wildfire dangers around the home and community, such as lighted matches, cigarettes, trash, and the process for obtaining burn permits by publishing articles in the local newspaper, holding town hall meetings, radio announcements and providing bulletins to local churches and schools	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A

# Worksheet #4 Evaluate Alternative Mitigation Actions

1. Fill in the goal and its corresponding objective. Use a separate worksheet for each objective. The considerations under each criterion are suggested ones to use; you can revise these to reflect your own considerations (see Table 2-1).
2. Fill in the alternative actions that address the specific objectives the planning team identified in Worksheet #1.
3. **Scoring:** For each consideration, indicate a plus (+) for favorable, and a negative (-) for less favorable.

When you complete the scoring; negatives will indicate gaps or shortcomings in the particular action, which can be noted in the Comments section. For considerations that do not apply, fill in N/A for not applicable. Only leave a blank if you do not know an answer. In this case, make a note in the Comments section of the “expert” or source to consult to help you evaluate the criterion.

## Goal 2: Prevent or reduce damage caused by thunderstorms and wind in the County and in the City of Cities of Argyle, Du Pont, Fargo, and Homerville.

Objective 1: Minimize losses to existing and future structures, especially Critical Facilities and Infrastructure, due to Thunderstorms and Winds.

STAPLEE Criteria	S		T			A			P			L			E								
	(Social)		(Technical)			(Administrative)			(Political)			(Legal)			(Economic)				(Environmental)				
Considerations → for Alternative Actions ↓	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance / Operations	Political Support	Local Champion	Public Support	State Authority	Existing Local Authority	Potential Legal Challenge	Benefit of Action	Cost of Action	Contributes to Economic Goals	Outside Funding Required	Effect on Land / Water	Effect on Endangered Species	Effect on HAZMAT / Waste Sites	Consistent with Community Environmental Goals	Consistent With Federal Laws
Action Step #2: Increase public awareness of weather radios and county shelters through all available media	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A

# Worksheet #4 Evaluate Alternative Mitigation Actions

1. Fill in the goal and its corresponding objective. Use a separate worksheet for each objective. The considerations under each criterion are suggested ones to use; you can revise these to reflect your own considerations (see Table 2-1).
2. Fill in the alternative actions that address the specific objectives the planning team identified in Worksheet #1.
3. **Scoring:** For each consideration, indicate a plus (+) for favorable, and a negative (-) for less favorable.

When you complete the scoring; negatives will indicate gaps or shortcomings in the particular action, which can be noted in the Comments section. For considerations that do not apply, fill in N/A for not applicable. Only leave a blank if you do not know an answer. In this case, make a note in the Comments section of the “expert” or source to consult to help you evaluate the criterion.

## Goal 3: Prevent or reduce damage caused by Tornadoes in Clinch County and in the Cities of Argyle, Du Pont, Fargo, and Homerville.

Objective 1: Minimize losses to existing and future structures, especially Critical Facilities and Infrastructure, due to Tornadoes.

STAPLEE Criteria	S		T			A			P			L			E			E					
	(Social)		(Technical)			(Administrative)			(Political)			(Legal)			(Economic)			(Environmental)					
Considerations → for Alternative Actions ↓	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance / Operations	Political Support	Local Champion	Public Support	State Authority	Existing Local Authority	Potential Legal Challenge	Benefit of Action	Cost of Action	Contributes to Economic Goals	Outside Funding Required	Effect on Land / Water	Effect on Endangered Species	Effect on HAZMAT / Waste Sites	Consistent with Community Environmental Goals	Consistent With Federal Laws
Action Step #1: Use building inspection program to inspect for adequate tie-downs and other codes, ordinances, and all other regulations on manufactured housing in the cities and county	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A





## Worksheet #4 Evaluate Alternative Mitigation Actions

1. Fill in the goal and its corresponding objective. Use a separate worksheet for each objective. The considerations under each criterion are suggested ones to use; you can revise these to reflect your own considerations (see Table 2-1).

2. Fill in the alternative actions that address the specific objectives the planning team identified in Worksheet #1.

3. **Scoring:** For each consideration, indicate a plus (+) for favorable, and a negative (-) for less favorable.

When you complete the scoring; negatives will indicate gaps or shortcomings in the particular action, which can be noted in the Comments section. For considerations that do not apply, fill in N/A for not applicable. Only leave a blank if you do not know an answer. In this case, make a note in the Comments section of the “expert” or source to consult to help you evaluate the criterion.

### Goal 5: Prevent or reduce damage caused by drought in Clinch County and in the Cities of Argyle, Du Pont, Fargo, and Homerville.

Objective 1: Minimize economic losses and harm to residents due to drought.

STAPLEE Criteria	S		T			A			P			L			E								
	(Social)		(Technical)			(Administrative)			(Political)			(Legal)			(Economic)				(Environmental)				
Considerations → for Alternative Actions ↓	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance / Operations	Political Support	Local Champion	Public Support	State Authority	Existing Local Authority	Potential Legal Challenge	Benefit of Action	Cost of Action	Contributes to Economic Goals	Outside Funding Required	Effect on Land / Water	Effect on Endangered Species	Effect on HAZMAT / Waste Sites	Consistent with Community Environmental Goals	Consistent With Federal Laws
Action Step #1: Work with County Extension Agent to distribute literature related to best agricultural management practices	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A
Action Step #2: Work with GA DCA CDBG Immediate Threat and Danger Program to provide wells to low/moderate individuals affected by drought	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A



# Worksheet #4 Evaluate Alternative Mitigation Actions

1. Fill in the goal and its corresponding objective. Use a separate worksheet for each objective. The considerations under each criterion are suggested ones to use; you can revise these to reflect your own considerations (see Table 2-1).

2. Fill in the alternative actions that address the specific objectives the planning team identified in Worksheet #1.

3. **Scoring:** For each consideration, indicate a plus (+) for favorable, and a negative (-) for less favorable.

When you complete the scoring; negatives will indicate gaps or shortcomings in the particular action, which can be noted in the Comments section. For considerations that do not apply, fill in N/A for not applicable. Only leave a blank if you do not know an answer. In this case, make a note in the Comments section of the "expert" or source to consult to help you evaluate the criterion.

## Goal 7: Prevent or reduce damage caused by winter storms in Clinch County and the Cities of Argyle, Du Pont, Fargo, and Homerville.

Objective 1: Minimize losses to existing and future structures, especially Critical Facilities and Infrastructure, due to winter storms.

STAPLEE Criteria Considerations → for Alternative Actions ↓	S (Social)		T (Technical)			A (Administrative)			P (Political)			L (Legal)			E (Economic)				E (Environmental)			
	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance / Operations	Political Support	Local Champion	Public Support	State Authority	Existing Local Authority	Potential Legal Challenge	Benefit of Action	Cost of Action	Contributes to Economic Goals	Outside Funding Required	Effect on Land / Water	Effect on Endangered Species	Effect on HAZMAT / Waste Sites	Consistent with Community Environmental Goals
Action Step #1: Wrap insulation around any exposed water pipes at critical facilities and shelters when freezing temperatures are anticipated	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A
Action Step #2: Maintain temperatures above 32 degrees to prevent freezing damages in occupied and unoccupied structures	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A

## Worksheet #4 Evaluate Alternative Mitigation Actions

1. Fill in the goal and its corresponding objective. Use a separate worksheet for each objective. The considerations under each criterion are suggested ones to use; you can revise these to reflect your own considerations (see Table 2-1).
2. Fill in the alternative actions that address the specific objectives the planning team identified in Worksheet #1.
3. **Scoring:** For each consideration, indicate a plus (+) for favorable, and a negative (-) for less favorable.

When you complete the scoring; negatives will indicate gaps or shortcomings in the particular action, which can be noted in the Comments section. For considerations that do not apply, fill in N/A for not applicable. Only leave a blank if you do not know an answer. In this case, make a note in the Comments section of the “expert” or source to consult to help you evaluate the criterion.

### Goal 8: Prevent or reduce damage caused by Hail in Clinch County and in the Cities of Argyle, Du Pont, Fargo, and Homerville.

Objective 1: Minimize losses to existing and future structures, especially Critical Facilities and Infrastructure, due to hail.

STAPLEE Criteria	S		T			A			P			L			E								
	(Social)		(Technical)			(Administrative)			(Political)			(Legal)			(Economic)				(Environmental)				
Considerations → for Alternative Actions ↓	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance / Operations	Political Support	Local Champion	Public Support	State Authority	Existing Local Authority	Potential Legal Challenge	Benefit of Action	Cost of Action	Contributes to Economic Goals	Outside Funding Required	Effect on Land / Water	Effect on Endangered Species	Effect on HAZMAT / Waste Sites	Consistent with Community Environmental Goals	Consistent With Federal Laws
Action Step #1: Install storm windows at critical facilities throughout County and Cities as funding becomes available	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A

# **Appendix E**

Southern Georgia Regional Commission  
 Clinch County and the Cities of Argyle, Du Pont, Fargo and Homerville  
 Hazard Mitigation Plan Update  
 Date: September 24, 2018

Name	Organization	Title	Email
Bill Joyce	Clinch Co EMA	Director	emt36296@gmail.com
Lisa Johnson	City of Fargo	City Clerk	cityoffargo@hotmail.com
Bellyn James	Clinch BOC	County Admin	clinchcountyga@gmail.com
Van Mikell	City of Homerville	City Manager	citymanager@cityofhomerville.com

**Southern Georgia Regional Commission  
 Clinch County and the Cities of Argyle, Du Pont, Fargo and Homerville  
 Hazard Mitigation Plan Update – Kick-off  
 Date: May 10, 2018**

Name	Organization	Title	Email
Loretta Hylton	SGRC	SR. PLANNER	lhylton@sgrc.us
Will Joyce	Clinch Co EMA	Director	em+36296@gmail.com
Jaclyn James	Clinch Co BOC	County Admin	@clinchcountyga@gmail.com
<del>Kerleen Plank</del>	Clinch Co	<del>Chair</del>	<del>kerleen.plank@clinchcountyga.com</del>
Amber Kinsey	Clinch Co. HD	Nurse Manager	Amber.kinsey@dph.ga.gov
Nan Mikell	City of Homerville	City Manager	citymanager@cityofhomerville.com
Shelby Meyers	G-EMA	HAZ mit planner	



**Southern Georgia Regional Commission  
 Clinch County and the Cities of Argyle, Du Pont, Fargo and Homerville  
 Hazard Mitigation Plan Update – Workshop  
 Date: July 23, 2018**

<u>Name</u>	<u>Organization</u>	<u>Title</u>	<u>Email</u>
Lisa Jensen	City of Fargo	City of FARGO	cityoffargo@hotmail.com
John L. Duff	City of Fargo	City of Fargo	
Kenton P. Hays	Clinch County Comm	Commissioner	cmhays@windstream.net
Will Joyce	Clinch Co EMA	EMA Director	emt36296@gmail.com
Valerie Fawcett	River Brook Nursing Home	Administrator	Admin@riverbrookoh.com
Jaclyn James	Clinch Co BOC	County Administrator	clinchcountygaa@gmail.com
Troy F. Humber	Clinch Co EMS	Interim EMS Director	troyhumber@gmail.com
Nan Mikell	City of Homerville	City Manager	citymanager@cityofhomerville.com
Loretta Hyton	SGRC		

**Southern Georgia Regional Commission**  
**Clinch County and the Cities of Argyle, Du Pont, Fargo and Homerville**  
**Hazard Mitigation Plan Update**  
**Date: September 24, 2018**

<u>Name</u>	<u>Organization</u>	<u>Title</u>	<u>Email</u>
Will Joyce	Clinch Co EMA	Director	emt36296@gmail.com
LISA JOHNSON	City of Fargo	City Clerk	cityoffargo@hotmail.com
Jaclyn James	Clinch BOC	County Admin	clinchcountygaa@gmail.com
Nan Mikell	City of Homerville	City Manager	citymanager@cityofhomerville.com

# CLASSIFIEDS

### PLACE AN AD

To place a classified ad in The Clinch County News, you can either: 1. mail the ad to us, with corresponding payment; 2. order and pay for the ad online at [www.theclinchcountynews.com](http://www.theclinchcountynews.com); or 3. e-mail the classified ad to us at [adinfo@theclinchcountynews.com](mailto:adinfo@theclinchcountynews.com), and we'll respond with a price quote.

### BUY 1 AD, GET IN 3 OTHER PAPERS FOR FREE!

When you purchase a classified ad from The Clinch County News, it will also appear in the Lanier County Advocate, Atkinson County Citizen and the Echols County Echo (monthly) for FREE.

### NEW! Add a photo of your item to sell for FREE!!

### WHAT'S THE COST?

# of weeks	Under 25 words	25-100 words
1	\$5	\$10
2	\$10	\$20
3	\$15	\$30
4	\$15	\$30

### BUY 3 WEEKS, GET THE 4TH WEEK FREE!!

Mail to us at P.O. Box 377, Homerville, GA 31634 Email to us at [adinfo@theclinchcountynews.com](mailto:adinfo@theclinchcountynews.com) Fax: 912-87-3227 Phone: 912-867-5297

### WANTED

Looking for a Part Time Leasing Consultant for Homark! Call: (912) 487-2652 Stan Fay

### AARP AUTO INSURANCE FROM THE HARTFORD

TO SPEAK WITH AN AGENT AND REQUEST A FREE QUOTE CALL THE HARTFORD TO SEE HOW MUCH YOU COULD SAVE! 1-855-715-0771

### ESTATE SALE - LOG HOMES PAY THE BALANCE OWED ONLY!!!

AMERICAN LOG HOMES IS ASSISTING JUST RELEASED OF ESTATE & ACCOUNT SETTLEMENT ON HOMES

4 Log Home Kits selling for BALANCE OWED, FREE DELIVERY
1) Model # 321 Caroline \$24,900, BALANCE OWED \$17,000
2) Model # 303 Georgia \$4,995, BALANCE OWED \$1,500
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4) Model # 403 Argyle \$24,900, BALANCE OWED \$16,000
BEFORE CALLING, VIEW at [www.loghomes.com](http://www.loghomes.com)
NEW - HOMES HAVE NOT BEEN MANUFACTURED
Make any plans savings changes you desire!
Comes with Complete Building Blueprint & Construction Manual
Wireless, Doors, and Shading not included
NO TIME LIMIT FOR DELIVERY
SERIOUS ONLY REPLY. Call (704) 500-3035 ask for Accounting Dept.

### WANTED

Seeking for a Part Time Leasing Consultant for Homark! Call: (912) 487-2652 Stan Fay

### WANTED

Seeking for a Part Time Leasing Consultant for Homark! Call: (912) 487-2652 Stan Fay

### WANTED

Seeking for a Part Time Leasing Consultant for Homark! Call: (912) 487-2652 Stan Fay

Clinch Memorial Hospital has an opening for a Maintenance Technician I- E.O.O.A. - 4:30p. Assists in the performance of duties necessary to keep the physical structure and associated equipment of the facility in good repair. Minor maintenance, repair and other duties are the primary duties. Assists the Maintenance Department with plumbing, electrical and HVAC maintenance. Preferred qualifications: High school diploma or GED. Five years of general building maintenance experience preferred. Healthcare experience preferred. Course work or other credit bearing and/or certification in HVAC, plumbing or electrical preferred. Please submit an application and resume to the Human Resources Office located at 280 North Church Street, Homerville, GA 31634. Our email address is [hr@clinch.org](mailto:hr@clinch.org). Visit our website at [www.clinch.org](http://www.clinch.org) for an application. DFWP: This institution is an equal opportunity provider and employer.

Own and operated by the company; this includes corrective, preventative, routine, emergency, and cosmetic maintenance items of which may include HVAC, electrical and plumbing. Required Qualifications: High school diploma or GED, five years of general building maintenance experience, healthcare experience preferred, course work or other credit bearing and/or certification in HVAC, plumbing, or electrical required. Please submit an application and resume to the Human Resources Office located at 280 North Church Street, Homerville, GA 31634. Our email address is [hr@clinch.org](mailto:hr@clinch.org). Visit our website at [www.clinch.org](http://www.clinch.org) for an application. DFWP: This institution is an equal opportunity provider and employer.

### WANTED

Seeking for a Part Time Leasing Consultant for Homark! Call: (912) 487-2652 Stan Fay

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Seeking for a Part Time Leasing Consultant for Homark! Call: (912) 487-2652 Stan Fay

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## JOINT PUBLIC HEARING

The Clinch County Emergency Management Agency (EMA), in cooperation with the Southern Georgia Regional Commission (SGRC), invites the public to attend a Joint Public Hearing to review the Clinch County and Cities of Argyle, Du Pont, Fargo, and Homerville Hazard Mitigation Plan Update and provide an opportunity for public comment. The plan update has been developed in accordance with the Disaster Mitigation Act of 2000, which requires local governments to have an approved Hazard Mitigation Plan addressing natural hazards as a condition of receiving future federal disaster assistance. The County will host a Public Hearing/Open House on Tuesday Oct. 6, 2020 at 10:00 at 22 Court Square, Suite B, Homerville, GA 31634. Comments are being accepted by email at [agodwin@sgrc.us](mailto:agodwin@sgrc.us), by fax at 229-333-5312, or by mailing them to Clinch HMP, 327 W. Savannah Ave., Valdosta, GA 31601. The draft of the Plan is available on the SGRC website, [www.sgrc.us](http://www.sgrc.us). For more information please call Ariel Godwin, Senior Planner at 229-333-5277.

## POSITION AVAILABLE

The Clinch County Commission is seeking a full-time Equipment Operator I for the County Road Department. Applications can be picked up at the Board of Commissioners Office at 22 Court Square, Suite B. Applications for all those interested must be completed and turned in by Friday, September 11th at 2:00 PM.

Job Duties:

- Load material and supplies and deliver them to the appropriate work sites.
- Maintain and patch gravel and other road materials.
- Operate small equipment and loaders.
- Perform labor duties as assigned.
- Perform other duties as assigned.
- Transport personnel to work sites.
- May operate heavy equipment if needed.
- Maintain equipment and make routine repairs.
- Clean all assigned equipment.

Qualifications:

Graduate from high school or GED, with at least one (1) year experience as a light equipment operator. Must possess a valid Georgia Driver's License and a CDL License is desired.

Rate of Pay: \$17.25 Hour

Hours: Monday - Thursday 7:00 am to 2:00 pm subject to being on call after hours and on weekends.

Sign-in Sheet

Clinch County Hazard Mitigation Plan - Final Public Hearing  
Oct. 6, 2020

Name

Organization

Ariel Godwin  
Jaclyn James

Southern Georgia Regional Commission  
Clinch county BOC



**RESOLUTION FOR ADOPTION OF  
CLINCH COUNTY  
AND CITIES OF ARGYLE, DU PONT, FARGO, AND HOMERVILLE  
HAZARD MITIGATION PLAN UPDATE**

WHEREAS, to be eligible for federal disaster assistance in the event of a presidentially declared disaster and mitigation assistance under the Hazard Mitigation Grant programs, local governments must have adopted or be actively developing a Hazard Mitigation Plan prepared in accordance with federal regulations promulgated pursuant to the Disaster Mitigation Act of 2000 ("the Act"); and

WHEREAS, Clinch County adopted the previous Clinch County Hazard Mitigation Plan Update in 2015; and

WHEREAS, in accordance with the requirements of the Act, an updated plan is required to be submitted to FEMA through GEMA every five years; and

WHEREAS, the 2015 Hazard Mitigation Plan Update expired on April 7, 2020;

WHEREAS, the Clinch County Emergency Management Agency, with the assistance of representatives from various other departments and agencies, has developed an updated plan to meet these requirements; and

WHEREAS, the updated plan is titled the "Clinch County and Cities of Argyle, Du Pont, Fargo, and Homerville 2020 Hazard Mitigation Plan Update" (referred to hereafter as "the Plan"); and

WHEREAS, GEMA has notified the Clinch County Emergency Management Agency that the Plan satisfies the requirements of the Act;

BE IT THEREFORE RESOLVED that the Clinch County Board of Commissioners, meeting in regular session, hereby adopts the Clinch County and Cities of Argyle, Du Pont, Fargo, and Homerville 2020 Hazard Mitigation Plan Update.

SO RESOLVED this 9th day of November, 2020.

By \_\_\_\_\_

Roger Metts, Chairman

Attest \_\_\_\_\_

Pam Welch, County Clerk

**RESOLUTION FOR ADOPTION OF  
CLINCH COUNTY  
AND CITIES OF ARGYLE, DU PONT, FARGO, AND HOMERVILLE  
HAZARD MITIGATION PLAN UPDATE**

WHEREAS, to be eligible for federal disaster assistance in the event of a presidentially declared disaster and mitigation assistance under the Hazard Mitigation Grant programs, local governments must have adopted or be actively developing a Hazard Mitigation Plan prepared in accordance with federal regulations promulgated pursuant to the Disaster Mitigation Act of 2000 ("the Act"); and

WHEREAS, the City of Argyle adopted the previous Clinch County Hazard Mitigation Plan Update in 2015; and

WHEREAS, in accordance with the requirements of the Act, an updated plan is required to be submitted to FEMA through GEMA every five years; and

WHEREAS, the 2015 Hazard Mitigation Plan Update expired on April 7, 2020;

WHEREAS, the Clinch County Emergency Management Agency, with the assistance of representatives from various other departments and agencies, has developed an updated plan to meet these requirements; and

WHEREAS, the updated plan is titled the "Clinch County and Cities of Argyle, Du Pont, Fargo, and Homerville 2020 Hazard Mitigation Plan Update" (referred to hereafter as "the Plan"); and

WHEREAS, GEMA has notified the Clinch County Emergency Management Agency that the Plan satisfies the requirements of the Act;

BE IT THEREFORE RESOLVED that the City of Argyle City Council, meeting in regular session, hereby adopts the Clinch County and Cities of Argyle, Du Pont, Fargo, and Homerville 2020 Hazard Mitigation Plan Update.

SO RESOLVED this 15 day of October, 2020.

By Kaye S. Riley  
Kaye Riley, Mayor

Attest Lessie Youngblood  
Lessie Youngblood, City Clerk

**RESOLUTION FOR ADOPTION OF  
CLINCH COUNTY  
AND CITIES OF ARGYLE, DU PONT, FARGO, AND HOMERVILLE  
HAZARD MITIGATION PLAN UPDATE**

WHEREAS, to be eligible for federal disaster assistance in the event of a presidentially declared disaster and mitigation assistance under the Hazard Mitigation Grant programs, local governments must have adopted or be actively developing a Hazard Mitigation Plan prepared in accordance with federal regulations promulgated pursuant to the Disaster Mitigation Act of 2000 ("the Act"); and

WHEREAS, the City of Du Pont adopted the previous Clinch County Hazard Mitigation Plan Update in 2015; and

WHEREAS, in accordance with the requirements of the Act, an updated plan is required to be submitted to FEMA through GEMA every five years; and

WHEREAS, the 2015 Hazard Mitigation Plan Update expired on April 7, 2020;

WHEREAS, the Clinch County Emergency Management Agency, with the assistance of representatives from various other departments and agencies, has developed an updated plan to meet these requirements; and

WHEREAS, the updated plan is titled the "Clinch County and Cities of Argyle, Du Pont, Fargo, and Homerville 2020 Hazard Mitigation Plan Update" (referred to hereafter as "the Plan"); and

WHEREAS, GEMA has notified the Clinch County Emergency Management Agency that the Plan satisfies the requirements of the Act;

BE IT THEREFORE RESOLVED that the City of Du Pont City Council, meeting in regular session, hereby adopts the Clinch County and Cities of Argyle, Du Pont, Fargo, and Homerville 2020 Hazard Mitigation Plan Update.

SO RESOLVED this 9<sup>th</sup> day of January, 2021.

By \_\_\_\_\_

Mayor

Attest \_\_\_\_\_



**RESOLUTION FOR ADOPTION OF CLINCH COUNTY  
AND CITIES OF ARGYLE, DU PONT, FARGO, AND HOMERVILLE  
HAZARD MITIGATION PLAN UPDATE**

**WHEREAS**, to be eligible for federal disaster assistance in the event of a presidentially declared disaster and mitigation assistance under the Hazard Mitigation Grant programs, local governments must have adopted or be actively developing a Hazard Mitigation Plan prepared in accordance with federal regulations promulgated pursuant to the Disaster Mitigation Act of 2000 (“the Act”); and

**WHEREAS**, the City of Fargo adopted the previous Clinch County Hazard Mitigation Plan Update in 2015; and

**WHEREAS**, in accordance with the requirements of the Act, an updated plan is required to be submitted to FEMA through GEMA every five years; and

**WHEREAS**, the 2015 Hazard Mitigation Plan Update expired on April 7, 2020;

**WHEREAS**, the Clinch County Emergency Management Agency, with the assistance of representatives from various other departments and agencies, has developed an updated plan to meet these requirements; and

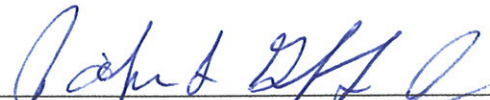
**WHEREAS**, the updated plan is titled the “Clinch County and Cities of Argyle, Du Pont, Fargo, and Homerville 2020 Hazard Mitigation Plan Update” (referred to hereafter as “the Plan”); and

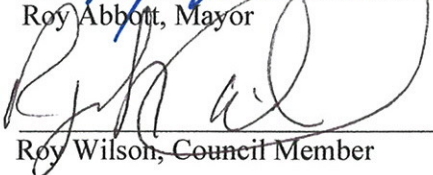
**WHEREAS**, GEMA has notified the Clinch County Emergency Management Agency that the Plan satisfies the requirements of the Act;

**BE IT THEREFORE RESOLVED** that the City of Fargo City Council, meeting in regular session, hereby adopts the Clinch County and Cities of Argyle, Du Pont, Fargo, and Homerville 2020 Hazard Mitigation Plan Update.

**SO ADOPTED** this 26<sup>th</sup> day of October, 2020.

  
\_\_\_\_\_  
Roy Abbott, Mayor

  
\_\_\_\_\_  
John L. Griffis, Jr, Mayor

  
\_\_\_\_\_  
Roy Wilson, Council Member

\_\_\_\_\_  
John Thomas, Council Member

\_\_\_\_\_  
Clifford Wells, Council Member

  
\_\_\_\_\_  
Lisa B. Johnson, City Clerk

SEAL

**RESOLUTION FOR ADOPTION OF  
CLINCH COUNTY  
AND CITIES OF ARGYLE, DU PONT, FARGO, AND HOMERVILLE  
HAZARD MITIGATION PLAN UPDATE**

WHEREAS, to be eligible for federal disaster assistance in the event of a presidentially declared disaster and mitigation assistance under the Hazard Mitigation Grant programs, local governments must have adopted or be actively developing a Hazard Mitigation Plan prepared in accordance with federal regulations promulgated pursuant to the Disaster Mitigation Act of 2000 ("the Act"); and

WHEREAS, the City of Homerville adopted the previous Clinch County Hazard Mitigation Plan Update in 2015; and

WHEREAS, in accordance with the requirements of the Act, an updated plan is required to be submitted to FEMA through GEMA every five years; and

WHEREAS, the 2015 Hazard Mitigation Plan Update expired on April 7, 2020;

WHEREAS, the Clinch County Emergency Management Agency, with the assistance of representatives from various other departments and agencies, has developed an updated plan to meet these requirements; and

WHEREAS, the updated plan is titled the "Clinch County and Cities of Argyle, Du Pont, Fargo, and Homerville 2020 Hazard Mitigation Plan Update" (referred to hereafter as "the Plan"); and

WHEREAS, GEMA has notified the Clinch County Emergency Management Agency that the Plan satisfies the requirements of the Act;

BE IT THEREFORE RESOLVED that the City of Homerville City Council, meeting in regular session, hereby adopts the Clinch County and Cities of Argyle, Du Pont, Fargo, and Homerville 2020 Hazard Mitigation Plan Update.

SO RESOLVED this 5<sup>th</sup> day of Jan., 2021.

By *Wm. C. Harlow*

Mayor

Attest *Ain Bennett*

# **Appendix F**

<b>Acreage Burned /Number of Fires For Clinch County For FY 1968-2018</b>		
<b>Year</b>	<b>Acreage Burned</b>	<b>Number of Fires</b>
1968	651.7	135
1969	294.1	99
1970	160.9	67
1971	309.28	109
1972	129.69	48
1973	496.44	136
1974	704.08	154
1975	229.4	83
1976	301.7	90
1977	5,245.08	128
1978	212.41	69
1979	416.12	132
1980	247.37	74
1981	523.12	143
1982	542.09	99
1983	75.75	43
1984	274.37	48
1985	473.97	80
1986	323.12	45
1987	279.36	40
1988	570.11	95
1989	1,370.99	95
1990	187.71	50
1991	910.82	92
1992	154.97	49
1993	153.33	33
1994	244.72	46
1995	187.34	49
1996	225.23	80
1997	149.37	48
1998	407.54	78
1999	1,192.87	80
2000	7,392.84	81
2001	2,957.63	53
2002	200.45	27
2003	98.6	27
2004	50.34	40
2005	58.38	23
2006	127.06	40
2007	2,882.21	44
2008	254.89	35

<b>Year</b>	<b>Acreage Burned</b>	<b>Number of Fires</b>
2009	781.79	35
2010	50.62	21
2011	19,723.21	58
2012	270.53	27
2013	63.99	15
2014	79.34	13
2015	453.75	40
2016	262.49	39
2017	3,379.49	76

Data Source: Georgia Forestry Commission

# Storm Events Database

## Search Results for Clinch County, Georgia

Event Types: **Strong Wind**, **Thunderstorm Wind**

Clinch county contains the following zones:

'Clinch'

140 events were reported between 01/01/1950 and 12/31/2019 (25567 days)

### Summary Info:

Number of County/Zone areas affected:	2
Number of Days with Event:	106
Number of Days with Event and Death:	0
Number of Days with Event and Death or Injury:	0
Number of Days with Event and Property Damage:	42
Number of Days with Event and Crop Damage:	1
Number of Event Types reported:	2

### Column Definitions:

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

### Wind Magnitude Definitions:

Measured Gust:'MG', Estimated Gust:'EG', Measured Sustained:'MS', Estimated Sustained:'ES'

Click on **Location** below to display details.

Available Event Types have changed over time. Please refer to the [Database Details](#) for more information.

Select:

Sort By:

Location	County/Zone	St.	Date	Time	T.Z.	Type	Mag	Dth	Inj	PrD	CrD
<b>Totals:</b>								0	0	221.65K	1.00K
<a href="#">CLINCH CO.</a>	CLINCH CO.	GA	06/19/1985	18:30	CST	Thunderstorm Wind	0 kts.	0	0	0.00K	0.00K
<a href="#">CLINCH CO.</a>	CLINCH CO.	GA	02/06/1986	08:40	CST	Thunderstorm Wind	0 kts.	0	0	0.00K	0.00K
<a href="#">CLINCH CO.</a>	CLINCH CO.	GA	04/25/1988	22:30	CST	Thunderstorm Wind	0 kts.	0	0	0.00K	0.00K
<a href="#">CLINCH CO.</a>	CLINCH CO.	GA	03/30/1989	09:05	CST	Thunderstorm Wind	0 kts.	0	0	0.00K	0.00K
<a href="#">CLINCH CO.</a>	CLINCH CO.	GA	06/16/1989	11:45	CST	Thunderstorm Wind	0 kts.	0	0	0.00K	0.00K
<a href="#">CLINCH CO.</a>	CLINCH CO.	GA	06/07/1992	16:30	PST	Thunderstorm Wind	0 kts.	0	0	0.00K	0.00K
<a href="#">Homerville</a>	CLINCH CO.	GA	11/07/1995	17:45	EST	Thunderstorm Wind	0 kts.	0	0	4.00K	0.00K
<a href="#">Homerville</a>	CLINCH CO.	GA	11/11/1995	13:30	EST	Thunderstorm Wind	0 kts.	0	0	15.00K	0.00K
<a href="#">HOMERVILLE</a>	CLINCH CO.	GA	03/28/1997	18:28	EST	Thunderstorm Wind	60 kts.	0	0	0.05K	0.00K
<a href="#">HOMERVILLE</a>	CLINCH CO.	GA	05/03/1997	14:18	EST	Thunderstorm Wind		0	0	0.60K	0.00K
<a href="#">HOMERVILLE</a>	CLINCH CO.	GA	05/15/1997	17:58	EST	Thunderstorm Wind		0	0	0.50K	0.00K
<a href="#">HOMERVILLE</a>	CLINCH CO.	GA	05/27/1997	14:50	EST	Thunderstorm Wind		0	0	0.50K	0.00K
<a href="#">HOMERVILLE</a>	CLINCH CO.	GA	02/22/1998	12:05	EST	Thunderstorm Wind		0	0	2.50K	0.00K
<a href="#">HOMERVILLE</a>	CLINCH CO.	GA	03/08/1998	19:30	EST	Thunderstorm Wind		0	0	2.50K	0.00K
<a href="#">FARGO</a>	CLINCH CO.	GA	04/08/1998	13:15	EST	Thunderstorm Wind		0	0	1.00K	0.00K
<a href="#">EDITH</a>	CLINCH CO.	GA	04/08/1998	13:20	EST	Thunderstorm Wind		0	0	15.00K	0.00K
<a href="#">FARGO</a>	CLINCH CO.	GA	04/08/1998	15:00	EST	Thunderstorm Wind		0	0	2.00K	0.00K
<a href="#">FARGO</a>	CLINCH CO.	GA	04/09/1998	04:30	EST	Thunderstorm Wind		0	0	2.50K	0.00K
<a href="#">FARGO</a>	CLINCH CO.	GA	05/03/1998	16:00	EST	Thunderstorm Wind		0	0	2.50K	0.00K
<a href="#">HOMERVILLE</a>	CLINCH CO.	GA	06/05/1998	19:25	EST	Thunderstorm Wind		0	0	25.00K	0.00K
<a href="#">HOMERVILLE</a>	CLINCH CO.	GA	06/05/1998	19:35	EST	Thunderstorm Wind		0	0	1.00K	0.00K
<a href="#">HOMERVILLE</a>	CLINCH CO.	GA	06/19/1998	18:00	EST	Thunderstorm Wind		0	0	1.00K	0.00K
<a href="#">HOMERVILLE</a>	CLINCH CO.	GA	06/25/1998	14:30	EST	Thunderstorm Wind		0	0	2.00K	0.00K
<a href="#">HOMERVILLE</a>	CLINCH CO.	GA	06/27/1998	15:00	EST	Thunderstorm Wind		0	0	0.50K	0.00K
<a href="#">HOMERVILLE</a>	CLINCH CO.	GA	07/28/1998	18:50	EST	Thunderstorm Wind		0	0	1.00K	0.00K

<a href="#">HOMERVILLE</a>	CLINCH CO.	GA	09/03/1998	02:00	EST	Thunderstorm Wind		0	0	2.50K	0.00K
<a href="#">HOMERVILLE</a>	CLINCH CO.	GA	01/02/1999	15:30	EST	Thunderstorm Wind		0	0	4.50K	0.00K
<a href="#">HOMERVILLE</a>	CLINCH CO.	GA	01/02/1999	16:15	EST	Thunderstorm Wind		0	0	25.00K	0.00K
<a href="#">DUPONT</a>	CLINCH CO.	GA	01/02/1999	21:30	EST	Thunderstorm Wind		0	0	3.50K	0.00K
<a href="#">HOMERVILLE</a>	CLINCH CO.	GA	06/29/1999	18:55	EST	Thunderstorm Wind		0	0	0.50K	0.00K
<a href="#">HOMERVILLE</a>	CLINCH CO.	GA	08/22/1999	14:45	EST	Thunderstorm Wind		0	0	2.00K	0.00K
<a href="#">DUPONT</a>	CLINCH CO.	GA	11/01/1999	21:45	EST	Thunderstorm Wind		0	0	1.50K	0.00K
<a href="#">HOMERVILLE</a>	CLINCH CO.	GA	01/24/2000	07:44	EST	Thunderstorm Wind		0	0	2.50K	0.00K
<a href="#">HOMERVILLE</a>	CLINCH CO.	GA	02/27/2000	13:30	EST	Thunderstorm Wind		0	0	2.50K	0.00K
<a href="#">HOMERVILLE</a>	CLINCH CO.	GA	04/24/2000	12:15	EST	Thunderstorm Wind		0	0	2.00K	0.00K
<a href="#">FARGO</a>	CLINCH CO.	GA	10/06/2000	16:30	EST	Thunderstorm Wind		0	0	2.00K	0.00K
<a href="#">HOMERVILLE</a>	CLINCH CO.	GA	03/13/2001	05:20	EST	Thunderstorm Wind		0	0	2.50K	0.00K
<a href="#">FARGO</a>	CLINCH CO.	GA	03/15/2001	16:00	EST	Thunderstorm Wind		0	0	1.00K	0.00K
<a href="#">HOMERVILLE</a>	CLINCH CO.	GA	06/11/2001	19:22	EST	Thunderstorm Wind		0	0	2.50K	0.00K
<a href="#">HOMERVILLE</a>	CLINCH CO.	GA	06/11/2001	20:00	EST	Thunderstorm Wind		0	0	3.50K	0.00K
<a href="#">FARGO</a>	CLINCH CO.	GA	06/12/2001	06:14	EST	Thunderstorm Wind		0	0	2.50K	0.00K
<a href="#">DUPONT</a>	CLINCH CO.	GA	07/21/2002	15:30	EST	Thunderstorm Wind		0	0	0.00K	0.00K
<a href="#">HOMERVILLE</a>	CLINCH CO.	GA	12/24/2002	10:33	EST	Thunderstorm Wind		0	0	20.00K	0.00K
<a href="#">HOMERVILLE</a>	CLINCH CO.	GA	12/24/2002	11:00	EST	Thunderstorm Wind		0	0	10.00K	0.00K
<a href="#">HOMERVILLE</a>	CLINCH CO.	GA	12/24/2002	11:10	EST	Thunderstorm Wind		0	0	10.00K	0.00K
<a href="#">DUPONT</a>	CLINCH CO.	GA	02/22/2003	11:20	EST	Thunderstorm Wind		0	0	2.00K	0.00K
<a href="#">ARGYLE</a>	CLINCH CO.	GA	03/13/2003	10:15	EST	Thunderstorm Wind	60 kts. EG	0	0	0.00K	0.00K
<a href="#">HOMERVILLE</a>	CLINCH CO.	GA	05/03/2003	00:00	EST	Thunderstorm Wind	55 kts. EG	0	0	0.00K	0.00K
<a href="#">HOMERVILLE</a>	CLINCH CO.	GA	05/15/2003	14:09	EST	Thunderstorm Wind	60 kts. EG	0	0	0.00K	0.00K
<a href="#">HOMERVILLE</a>	CLINCH CO.	GA	10/08/2003	19:15	EST	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
<a href="#">HOMERVILLE</a>	CLINCH CO.	GA	06/03/2004	15:50	EST	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
<a href="#">HOMERVILLE</a>	CLINCH CO.	GA	06/26/2004	15:45	EST	Thunderstorm Wind	55 kts. EG	0	0	0.00K	0.00K
<a href="#">HOMERVILLE</a>	CLINCH CO.	GA	06/26/2004	15:50	EST	Thunderstorm Wind	52 kts. MG	0	0	0.00K	0.00K
<a href="#">HOMERVILLE</a>	CLINCH CO.	GA	07/15/2004	15:30	EST	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
<a href="#">HOMERVILLE</a>	CLINCH CO.	GA	03/22/2005	17:05	EST	Thunderstorm Wind	52 kts. EG	0	0	0.00K	0.00K
<a href="#">COGDELL</a>	CLINCH CO.	GA	01/02/2006	13:45	EST	Thunderstorm Wind	45 kts. EG	0	0	1.00K	0.00K
<a href="#">HOMERVILLE</a>	CLINCH CO.	GA	02/03/2006	21:00	EST	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
<a href="#">HOMERVILLE</a>	CLINCH CO.	GA	04/08/2006	16:30	EST	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
<a href="#">DUPONT</a>	CLINCH CO.	GA	05/10/2006	20:10	EST	Thunderstorm Wind	55 kts. EG	0	0	0.00K	0.00K
<a href="#">COGDELL</a>	CLINCH CO.	GA	05/15/2006	10:55	EST	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
<a href="#">FARGO</a>	CLINCH CO.	GA	05/15/2006	17:45	EST	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
<a href="#">COGDELL</a>	CLINCH CO.	GA	05/28/2006	16:10	EST	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
<a href="#">DUPONT</a>	CLINCH CO.	GA	05/28/2006	16:33	EST	Thunderstorm Wind	56 kts. MG	0	0	0.00K	0.00K
<a href="#">HOMERVILLE</a>	CLINCH CO.	GA	06/27/2006	14:23	EST	Thunderstorm Wind	52 kts. MG	0	0	0.00K	0.00K
<a href="#">HOMERVILLE</a>	CLINCH CO.	GA	07/28/2006	17:50	EST	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
<a href="#">HOMERVILLE</a>	CLINCH CO.	GA	07/28/2006	18:05	EST	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
<a href="#">DUPONT</a>	CLINCH CO.	GA	07/28/2006	18:45	EST	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
<a href="#">ARGYLE</a>	CLINCH CO.	GA	08/06/2006	17:45	EST	Thunderstorm Wind	51 kts. MG	0	0	0.00K	0.00K
<a href="#">FARGO</a>	CLINCH CO.	GA	01/05/2007	19:10	EST-5	Thunderstorm Wind	50 kts. EG	0	0	5.00K	0.00K
<a href="#">MIDWAY</a>	CLINCH CO.	GA	02/01/2007	16:30	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
<a href="#">DUPONT</a>	CLINCH CO.	GA	03/02/2007	03:15	EST-5	Thunderstorm Wind	52 kts. EG	0	0	0.00K	0.00K
<a href="#">ARGYLE</a>	CLINCH CO.	GA	03/02/2007	03:40	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
<a href="#">CLINCH (ZONE)</a>	CLINCH (ZONE)	GA	04/15/2007	13:00	EST-5	Strong Wind	39 kts. EG	0	0	10.00K	0.00K
<a href="#">FARGO</a>	CLINCH CO.	GA	05/05/2007	19:12	EST-5	Thunderstorm Wind	52 kts. EG	0	0	0.00K	0.00K
<a href="#">THELMA</a>	CLINCH CO.	GA	06/12/2007	07:30	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
<a href="#">FARGO</a>	CLINCH CO.	GA	06/12/2007	08:30	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
<a href="#">DUPONT</a>	CLINCH CO.	GA	07/01/2007	14:30	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
<a href="#">DUPONT</a>	CLINCH CO.	GA	07/01/2007	15:10	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
<a href="#">TRAVISVILLE</a>	CLINCH CO.	GA	07/21/2007	20:30	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
<a href="#">ARGYLE</a>	CLINCH CO.	GA	08/11/2007	18:55	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
<a href="#">MIDWAY</a>	CLINCH CO.	GA	08/11/2007	19:30	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
<a href="#">CUTTING</a>	CLINCH CO.	GA	08/18/2007	15:05	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
<a href="#">HOMERVILLE ARPT</a>	CLINCH CO.	GA	08/23/2007	19:15	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K



<a href="#">HOMERVILLE</a>	CLINCH CO.	GA	02/22/2008	15:35	EST-5	Thunderstorm Wind	43 kts. EG	0	0	0.00K	1.00K
<a href="#">EDITH</a>	CLINCH CO.	GA	02/26/2008	11:52	EST-5	Thunderstorm Wind	52 kts. EG	0	0	0.00K	0.00K
<a href="#">CUTTING</a>	CLINCH CO.	GA	02/26/2008	12:15	EST-5	Thunderstorm Wind	52 kts. EG	0	0	0.00K	0.00K
<a href="#">HEADLIGHT</a>	CLINCH CO.	GA	02/26/2008	12:45	EST-5	Thunderstorm Wind	52 kts. EG	0	0	0.00K	0.00K
<a href="#">HOMERVILLE</a>	CLINCH CO.	GA	04/05/2008	05:35	EST-5	Thunderstorm Wind	52 kts. EG	0	0	0.00K	0.00K
<a href="#">HOMERVILLE</a>	CLINCH CO.	GA	06/15/2008	18:30	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
<a href="#">HOMERVILLE</a>	CLINCH CO.	GA	06/15/2008	18:30	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
<a href="#">HOMERVILLE ARPT</a>	CLINCH CO.	GA	06/28/2008	14:23	EST-5	Thunderstorm Wind	52 kts. EG	0	0	0.00K	0.00K
<a href="#">FARGO</a>	CLINCH CO.	GA	06/28/2008	14:50	EST-5	Thunderstorm Wind	61 kts. EG	0	0	3.00K	0.00K
<a href="#">ARGYLE</a>	CLINCH CO.	GA	06/28/2008	14:55	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
<a href="#">HOMERVILLE ARPT</a>	CLINCH CO.	GA	06/29/2008	13:00	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
<a href="#">DUPONT</a>	CLINCH CO.	GA	08/04/2008	18:40	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
<a href="#">EDITH</a>	CLINCH CO.	GA	08/07/2008	13:20	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
<a href="#">ARGYLE</a>	CLINCH CO.	GA	08/07/2008	15:20	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
<a href="#">HOMERVILLE</a>	CLINCH CO.	GA	08/13/2008	13:15	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
<a href="#">FARGO</a>	CLINCH CO.	GA	08/13/2008	13:30	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
<a href="#">ARGYLE</a>	CLINCH CO.	GA	06/18/2009	21:00	EST-5	Thunderstorm Wind	52 kts. EG	0	0	0.00K	0.00K
<a href="#">HOMERVILLE</a>	CLINCH CO.	GA	06/18/2009	21:05	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
<a href="#">DUPONT</a>	CLINCH CO.	GA	07/02/2009	16:30	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
<a href="#">COGDELL</a>	CLINCH CO.	GA	06/27/2010	18:25	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
<a href="#">HOMERVILLE</a>	CLINCH CO.	GA	07/10/2010	17:55	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
<a href="#">FARGO</a>	CLINCH CO.	GA	07/14/2010	16:40	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
<a href="#">COGDELL</a>	CLINCH CO.	GA	04/05/2011	03:10	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
<a href="#">FARGO</a>	CLINCH CO.	GA	05/14/2011	10:50	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
<a href="#">HOMERVILLE</a>	CLINCH CO.	GA	09/05/2011	16:10	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
<a href="#">HOMERVILLE ARPT</a>	CLINCH CO.	GA	11/16/2011	20:15	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.50K	0.00K
<a href="#">COGDELL</a>	CLINCH CO.	GA	03/03/2012	12:22	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
<a href="#">DUPONT</a>	CLINCH CO.	GA	03/03/2012	12:35	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
<a href="#">TRAVISVILLE</a>	CLINCH CO.	GA	03/24/2013	08:33	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
<a href="#">ARGYLE</a>	CLINCH CO.	GA	06/06/2014	22:16	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
<a href="#">HOMERVILLE</a>	CLINCH CO.	GA	06/28/2015	12:32	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
<a href="#">TRAVISVILLE</a>	CLINCH CO.	GA	06/28/2015	12:38	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
<a href="#">ARGYLE</a>	CLINCH CO.	GA	06/28/2015	14:00	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
<a href="#">DUPONT</a>	CLINCH CO.	GA	07/02/2015	15:59	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
<a href="#">HOMERVILLE</a>	CLINCH CO.	GA	07/02/2015	16:14	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
<a href="#">ARGYLE</a>	CLINCH CO.	GA	07/02/2015	16:18	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
<a href="#">FARGO</a>	CLINCH CO.	GA	07/04/2015	16:10	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
<a href="#">ARGYLE</a>	CLINCH CO.	GA	08/04/2015	14:25	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
<a href="#">NEW SIRMANS</a>	CLINCH CO.	GA	08/13/2015	17:30	EST-5	Thunderstorm Wind	45 kts. EG	0	0	0.50K	0.00K
<a href="#">EDITH</a>	CLINCH CO.	GA	08/23/2015	15:35	EST-5	Thunderstorm Wind	45 kts. EG	0	0	1.00K	0.00K
<a href="#">EVERMAY</a>	CLINCH CO.	GA	08/27/2015	18:30	EST-5	Thunderstorm Wind	45 kts. EG	0	0	10.00K	0.00K
<a href="#">CLINCH (ZONE)</a>	CLINCH (ZONE)	GA	02/24/2016	11:00	EST-5	Strong Wind	39 kts. EG	0	0	2.00K	0.00K
<a href="#">FARGO</a>	CLINCH CO.	GA	03/24/2016	20:55	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
<a href="#">COGDELL</a>	CLINCH CO.	GA	04/01/2016	16:17	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
<a href="#">DUPONT</a>	CLINCH CO.	GA	07/15/2016	14:15	EST-5	Thunderstorm Wind	45 kts. EG	0	0	2.00K	0.00K
<a href="#">HOMERVILLE</a>	CLINCH CO.	GA	07/17/2016	17:45	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
<a href="#">FARGO</a>	CLINCH CO.	GA	08/13/2016	19:30	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
<a href="#">HOMERVILLE ARPT</a>	CLINCH CO.	GA	08/14/2016	18:55	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
<a href="#">TRAVISVILLE</a>	CLINCH CO.	GA	01/21/2017	15:30	EST-5	Thunderstorm Wind	45 kts. EG	0	0	5.00K	0.00K
<a href="#">HOMERVILLE</a>	CLINCH CO.	GA	01/22/2017	07:44	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
<a href="#">HOMERVILLE</a>	CLINCH CO.	GA	01/22/2017	07:45	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
<a href="#">HOMERVILLE</a>	CLINCH CO.	GA	01/22/2017	07:55	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
<a href="#">HOMERVILLE</a>	CLINCH CO.	GA	07/13/2017	15:15	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
<a href="#">WITHERS</a>	CLINCH CO.	GA	06/02/2018	14:30	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
<a href="#">THELMA</a>	CLINCH CO.	GA	06/02/2018	14:55	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
<a href="#">COGDELL</a>	CLINCH CO.	GA	04/19/2019	09:30	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
<a href="#">TRAVISVILLE</a>	CLINCH CO.	GA	04/19/2019	09:35	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K



<b>Totals:</b>									0	0	221.65K	1.00K
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## Storm Events Database

### Search Results for Clinch County, Georgia

Event Types: **Tornado**

6 events were reported between 01/01/1950 and 12/31/2018 (25202 days)

#### Summary Info:

Number of County/Zone areas affected:	1
Number of Days with Event:	6
Number of Days with Event and Death:	0
Number of Days with Event and Death or Injury:	0
Number of Days with Event and Property Damage:	1
Number of Days with Event and Crop Damage:	0
Number of Event Types reported:	1

#### Column Definitions:

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

Click on **Location** below to display details.

Available Event Types have changed over time. Please refer to the [Database Details](#) for more information.

Select:

Sort By:

<u>Location</u>	<u>County/Zone</u>	<u>St.</u>	<u>Date</u>	<u>Time</u>	<u>I.Z.</u>	<u>Type</u>	<u>Mag</u>	<u>Dth</u>	<u>Inj</u>	<u>PrD</u>	<u>CrD</u>
<b>Totals:</b>								0	0	150.00K	0.00K
<a href="#">ARGYLE</a>	CLINCH CO.	GA	04/28/1997	04:15	EST	Tornado	F1	0	0	150.00K	0.00K
<a href="#">DUPONT</a>	CLINCH CO.	GA	04/24/2000	12:10	EST	Tornado	F0	0	0	0.00K	0.00K
<a href="#">COGDELL</a>	CLINCH CO.	GA	09/26/2004	22:55	EST	Tornado	F0	0	0	0.00K	0.00K
<a href="#">DUPONT</a>	CLINCH CO.	GA	12/05/2005	15:30	EST	Tornado	F2	0	0	0.00K	0.00K
<a href="#">COLON</a>	CLINCH CO.	GA	10/09/2008	10:43	EST-5	Tornado	EF0	0	0	0.00K	0.00K
<a href="#">COGDELL</a>	CLINCH CO.	GA	04/01/2016	16:15	EST-5	Tornado	EF1	0	0	0.00K	0.00K
<b>Totals:</b>								0	0	150.00K	0.00K

## Storm Events Database

### Search Results for Clinch County, Georgia

Event Types: [Flash Flood](#), [Flood](#)

Clinch county contains the following zones:

['Clinch'](#)

3 events were reported between 01/01/1950 and 12/31/2018 (25202 days)

#### Summary Info:

Number of County/Zone areas affected:	2
Number of Days with Event:	3
Number of Days with Event and Death:	0
Number of Days with Event and Death or Injury:	0
Number of Days with Event and Property Damage:	1
Number of Days with Event and Crop Damage:	0
Number of Event Types reported:	2

#### Column Definitions:

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

Click on **Location** below to display details.

Available Event Types have changed over time. Please refer to the [Database Details](#) for more information.

Sort By:  ▼

<u>Location</u>	<u>County/Zone</u>	<u>St.</u>	<u>Date</u>	<u>Time</u>	<u>T.Z.</u>	<u>Type</u>	<u>Mag</u>	<u>Dth</u>	<u>Inj</u>	<u>PrD</u>	<u>CrD</u>
<b>Totals:</b>								0	0	25.00K	0.00K
<a href="#">CLINCH (ZONE)</a>	CLINCH (ZONE)	GA	03/01/1998	00:01	EST	Flood		0	0	25.00K	0.00K
<a href="#">COUNTYWIDE</a>	CLINCH CO.	GA	06/12/2001	02:05	EST	Flash Flood		0	0	0.00K	0.00K
<a href="#">HOMERVILLE</a>	CLINCH CO.	GA	07/03/2002	19:30	EST	Flood		0	0	0.00K	0.00K
<b>Totals:</b>								0	0	25.00K	0.00K



| Login

SEARCH...



X

# United States Drought Monitor

## Tabular Data Archive

Data > Data Tables

Area type :

Area:

Statistics type :

USDM  7-day Change

### Percent Area in U.S. Drought Monitor Categories

Show  entries

Search:

Week	None	D0-D4	D1-D4	D2-D4	D3-D4	D4	<u>DSCI</u>
2020-05-05	100.00	0.00	0.00	0.00	0.00	0.00	0
2020-04-28	100.00	0.00	0.00	0.00	0.00	0.00	0
2020-04-21	100.00	0.00	0.00	0.00	0.00	0.00	0
2020-04-14	6.74	93.26	0.00	0.00	0.00	0.00	93

Week	None	D0-D4	D1-D4	D2-D4	D3-D4	D4	<u>DSCI</u>
2020-04-07	0.00	100.00	0.00	0.00	0.00	0.00	100
2020-03-31	8.69	91.31	0.00	0.00	0.00	0.00	91
2020-03-24	53.99	46.01	0.00	0.00	0.00	0.00	46
2020-03-17	100.00	0.00	0.00	0.00	0.00	0.00	0
2020-03-10	100.00	0.00	0.00	0.00	0.00	0.00	0
2020-03-03	100.00	0.00	0.00	0.00	0.00	0.00	0
2020-02-25	100.00	0.00	0.00	0.00	0.00	0.00	0
2020-02-18	98.21	1.79	0.00	0.00	0.00	0.00	2
2020-02-11	90.07	9.93	0.00	0.00	0.00	0.00	10
2020-02-04	38.30	61.70	0.00	0.00	0.00	0.00	62
2020-01-28	96.91	3.09	0.00	0.00	0.00	0.00	3
2020-01-21	100.00	0.00	0.00	0.00	0.00	0.00	0
2020-01-14	100.00	0.00	0.00	0.00	0.00	0.00	0
2020-01-07	100.00	0.00	0.00	0.00	0.00	0.00	0



Week	None	D0-D4	D1-D4	D2-D4	D3-D4	D4	<u>DSCI</u>
2019-12-31	100.00	0.00	0.00	0.00	0.00	0.00	0
2019-12-24	100.00	0.00	0.00	0.00	0.00	0.00	0
2019-12-17	24.59	75.41	17.20	0.00	0.00	0.00	93
2019-12-10	0.00	100.00	21.45	0.00	0.00	0.00	121
2019-12-03	0.00	100.00	21.84	0.00	0.00	0.00	122
2019-11-26	0.00	100.00	78.68	0.00	0.00	0.00	179
2019-11-19	0.00	100.00	81.39	0.00	0.00	0.00	181
2019-11-12	0.00	100.00	84.08	42.56	0.00	0.00	227
2019-11-05	0.00	100.00	100.00	83.54	0.00	0.00	284
2019-10-29	0.00	100.00	100.00	100.00	0.00	0.00	300
2019-10-22	0.00	100.00	100.00	100.00	0.00	0.00	300
2019-10-15	0.00	100.00	100.00	100.00	0.00	0.00	300
2019-10-08	0.00	100.00	100.00	39.24	0.00	0.00	239
2019-10-01	0.00	100.00	57.05	26.37	0.00	0.00	183



<b>Week</b>	<b>None</b>	<b>D0-D4</b>	<b>D1-D4</b>	<b>D2-D4</b>	<b>D3-D4</b>	<b>D4</b>	<b><u>DSCI</u></b>
<b>2019-09-24</b>	0.00	100.00	57.05	0.00	0.00	0.00	157
<b>2019-09-17</b>	34.73	65.27	0.00	0.00	0.00	0.00	65
<b>2019-09-10</b>	77.18	22.82	0.00	0.00	0.00	0.00	23
<b>2019-09-03</b>	100.00	0.00	0.00	0.00	0.00	0.00	0
<b>2019-08-27</b>	100.00	0.00	0.00	0.00	0.00	0.00	0
<b>2019-08-20</b>	100.00	0.00	0.00	0.00	0.00	0.00	0
<b>2019-08-13</b>	100.00	0.00	0.00	0.00	0.00	0.00	0
<b>2019-08-06</b>	18.96	81.04	0.00	0.00	0.00	0.00	81
<b>2019-07-30</b>	77.45	22.55	0.00	0.00	0.00	0.00	23
<b>2019-07-23</b>	49.11	50.89	0.00	0.00	0.00	0.00	51
<b>2019-07-16</b>	20.42	79.58	0.00	0.00	0.00	0.00	80
<b>2019-07-09</b>	18.94	81.06	44.55	0.00	0.00	0.00	126
<b>2019-07-02</b>	0.02	99.98	33.88	0.00	0.00	0.00	134
<b>2019-06-25</b>	0.02	99.98	18.21	0.00	0.00	0.00	118





Week	None	D0-D4	D1-D4	D2-D4	D3-D4	D4	<u>DSCI</u>
2019-06-18	0.00	100.00	95.35	18.21	0.00	0.00	214
2019-06-11	0.00	100.00	100.00	16.82	0.00	0.00	217
2019-06-04	0.00	100.00	100.00	1.61	0.00	0.00	202
2019-05-28	0.00	100.00	10.07	0.00	0.00	0.00	110
2019-05-21	0.00	100.00	4.20	0.00	0.00	0.00	104
2019-05-14	0.00	100.00	4.20	0.00	0.00	0.00	104
2019-05-07	0.00	100.00	0.00	0.00	0.00	0.00	100
2019-04-30	0.00	100.00	0.00	0.00	0.00	0.00	100
2019-04-23	0.00	100.00	0.00	0.00	0.00	0.00	100
2019-04-16	0.00	100.00	0.00	0.00	0.00	0.00	100
2019-04-09	0.00	100.00	0.00	0.00	0.00	0.00	100
2019-04-02	0.00	100.00	0.00	0.00	0.00	0.00	100
2019-03-26	90.69	9.31	0.00	0.00	0.00	0.00	9
2019-03-19	90.69	9.31	0.00	0.00	0.00	0.00	9



Week	None	D0-D4	D1-D4	D2-D4	D3-D4	D4	<u>DSCI</u>
2019-03-12	100.00	0.00	0.00	0.00	0.00	0.00	0
2019-03-05	100.00	0.00	0.00	0.00	0.00	0.00	0
2019-02-26	100.00	0.00	0.00	0.00	0.00	0.00	0
2019-02-19	100.00	0.00	0.00	0.00	0.00	0.00	0
2019-02-12	100.00	0.00	0.00	0.00	0.00	0.00	0
2019-02-05	100.00	0.00	0.00	0.00	0.00	0.00	0
2019-01-29	100.00	0.00	0.00	0.00	0.00	0.00	0
2019-01-22	100.00	0.00	0.00	0.00	0.00	0.00	0
2019-01-15	100.00	0.00	0.00	0.00	0.00	0.00	0
2019-01-08	100.00	0.00	0.00	0.00	0.00	0.00	0
2019-01-01	100.00	0.00	0.00	0.00	0.00	0.00	0
2018-12-25	100.00	0.00	0.00	0.00	0.00	0.00	0
2018-12-18	100.00	0.00	0.00	0.00	0.00	0.00	0
2018-12-11	100.00	0.00	0.00	0.00	0.00	0.00	0



Week	None	D0-D4	D1-D4	D2-D4	D3-D4	D4	<u>DSCI</u>
2018-12-04	100.00	0.00	0.00	0.00	0.00	0.00	0
2018-11-27	85.03	14.97	0.00	0.00	0.00	0.00	15
2018-11-20	92.30	7.70	0.00	0.00	0.00	0.00	8
2018-11-13	38.05	61.95	0.00	0.00	0.00	0.00	62
2018-11-06	33.45	66.55	0.00	0.00	0.00	0.00	67
2018-10-30	8.18	91.82	0.00	0.00	0.00	0.00	92
2018-10-23	8.18	91.82	0.00	0.00	0.00	0.00	92
2018-10-16	100.00	0.00	0.00	0.00	0.00	0.00	0
2018-10-09	100.00	0.00	0.00	0.00	0.00	0.00	0
2018-10-02	100.00	0.00	0.00	0.00	0.00	0.00	0
2018-09-25	100.00	0.00	0.00	0.00	0.00	0.00	0
2018-09-18	100.00	0.00	0.00	0.00	0.00	0.00	0
2018-09-11	100.00	0.00	0.00	0.00	0.00	0.00	0
2018-09-04	100.00	0.00	0.00	0.00	0.00	0.00	0



Week	None	D0-D4	D1-D4	D2-D4	D3-D4	D4	<u>DSCI</u>
2018-08-28	100.00	0.00	0.00	0.00	0.00	0.00	0
2018-08-21	100.00	0.00	0.00	0.00	0.00	0.00	0
2018-08-14	100.00	0.00	0.00	0.00	0.00	0.00	0
2018-08-07	100.00	0.00	0.00	0.00	0.00	0.00	0
2018-07-31	100.00	0.00	0.00	0.00	0.00	0.00	0
2018-07-24	100.00	0.00	0.00	0.00	0.00	0.00	0
2018-07-17	100.00	0.00	0.00	0.00	0.00	0.00	0
2018-07-10	100.00	0.00	0.00	0.00	0.00	0.00	0
2018-07-03	100.00	0.00	0.00	0.00	0.00	0.00	0
2018-06-26	100.00	0.00	0.00	0.00	0.00	0.00	0
2018-06-19	100.00	0.00	0.00	0.00	0.00	0.00	0
2018-06-12	100.00	0.00	0.00	0.00	0.00	0.00	0
2018-06-05	100.00	0.00	0.00	0.00	0.00	0.00	0
2018-05-29	100.00	0.00	0.00	0.00	0.00	0.00	0



Week	None	D0-D4	D1-D4	D2-D4	D3-D4	D4	<u>DSCI</u>
2018-05-22	8.80	91.20	0.00	0.00	0.00	0.00	91
2018-05-15	0.00	100.00	92.45	69.14	0.00	0.00	262
2018-05-08	0.00	100.00	92.45	69.14	0.00	0.00	262
2018-05-01	0.00	100.00	92.45	69.14	0.00	0.00	262
2018-04-24	0.00	100.00	92.45	69.14	0.00	0.00	262
2018-04-17	0.00	100.00	100.00	79.29	0.00	0.00	279
2018-04-10	0.00	100.00	100.00	81.31	0.00	0.00	281
2018-04-03	0.00	100.00	100.00	81.32	0.00	0.00	281
2018-03-27	0.00	100.00	100.00	61.40	0.00	0.00	261
2018-03-20	0.00	100.00	100.00	61.40	0.00	0.00	261
2018-03-13	0.00	100.00	84.06	10.95	0.00	0.00	195
2018-03-06	15.54	84.46	67.31	0.00	0.00	0.00	152
2018-02-27	23.81	76.19	56.14	0.00	0.00	0.00	132
2018-02-20	23.81	76.19	56.14	0.00	0.00	0.00	132



Week	None	D0-D4	D1-D4	D2-D4	D3-D4	D4	<u>DSCI</u>
2018-02-13	23.81	76.19	56.14	0.00	0.00	0.00	132
2018-02-06	16.48	83.52	61.99	0.00	0.00	0.00	146
2018-01-30	0.00	100.00	79.46	0.00	0.00	0.00	179
2018-01-23	0.00	100.00	97.87	0.00	0.00	0.00	198
2018-01-16	0.00	100.00	84.06	0.00	0.00	0.00	184
2018-01-09	0.00	100.00	83.82	0.00	0.00	0.00	184
2018-01-02	0.00	100.00	83.82	0.00	0.00	0.00	184
2017-12-26	0.00	100.00	83.82	0.00	0.00	0.00	184
2017-12-19	0.00	100.00	25.78	0.00	0.00	0.00	126
2017-12-12	0.00	100.00	25.78	0.00	0.00	0.00	126
2017-12-05	0.00	100.00	1.05	0.00	0.00	0.00	101
2017-11-28	0.00	100.00	0.00	0.00	0.00	0.00	100
2017-11-21	0.00	100.00	0.00	0.00	0.00	0.00	100
2017-11-14	94.05	5.95	0.00	0.00	0.00	0.00	6



Week	None	D0-D4	D1-D4	D2-D4	D3-D4	D4	<u>DSCI</u>
2017-11-07	100.00	0.00	0.00	0.00	0.00	0.00	0
2017-10-31	100.00	0.00	0.00	0.00	0.00	0.00	0
2017-10-24	100.00	0.00	0.00	0.00	0.00	0.00	0
2017-10-17	100.00	0.00	0.00	0.00	0.00	0.00	0
2017-10-10	100.00	0.00	0.00	0.00	0.00	0.00	0
2017-10-03	100.00	0.00	0.00	0.00	0.00	0.00	0
2017-09-26	100.00	0.00	0.00	0.00	0.00	0.00	0
2017-09-19	100.00	0.00	0.00	0.00	0.00	0.00	0
2017-09-12	100.00	0.00	0.00	0.00	0.00	0.00	0
2017-09-05	100.00	0.00	0.00	0.00	0.00	0.00	0
2017-08-29	100.00	0.00	0.00	0.00	0.00	0.00	0
2017-08-22	100.00	0.00	0.00	0.00	0.00	0.00	0
2017-08-15	100.00	0.00	0.00	0.00	0.00	0.00	0
2017-08-08	100.00	0.00	0.00	0.00	0.00	0.00	0



Week	None	D0-D4	D1-D4	D2-D4	D3-D4	D4	<u>DSCI</u>
2017-08-01	100.00	0.00	0.00	0.00	0.00	0.00	0
2017-07-25	100.00	0.00	0.00	0.00	0.00	0.00	0
2017-07-18	100.00	0.00	0.00	0.00	0.00	0.00	0
2017-07-11	100.00	0.00	0.00	0.00	0.00	0.00	0
2017-07-04	100.00	0.00	0.00	0.00	0.00	0.00	0
2017-06-27	94.62	5.38	0.00	0.00	0.00	0.00	5
2017-06-20	94.42	5.58	0.00	0.00	0.00	0.00	6
2017-06-13	3.34	96.66	59.49	0.00	0.00	0.00	156
2017-06-06	0.00	100.00	100.00	82.36	0.00	0.00	282
2017-05-30	0.00	100.00	100.00	100.00	0.00	0.00	300
2017-05-23	0.00	100.00	100.00	100.00	47.47	0.00	347
2017-05-16	0.00	100.00	100.00	100.00	47.48	0.00	347
2017-05-09	0.00	100.00	100.00	100.00	48.16	0.00	348
2017-05-02	0.00	100.00	100.00	100.00	0.00	0.00	300





Week	None	D0-D4	D1-D4	D2-D4	D3-D4	D4	<u>DSCI</u>
2017-04-25	0.00	100.00	100.00	71.51	0.00	0.00	272
2017-04-18	0.00	100.00	100.00	0.00	0.00	0.00	200
2017-04-11	0.00	100.00	0.00	0.00	0.00	0.00	100
2017-04-04	0.00	100.00	0.00	0.00	0.00	0.00	100
2017-03-28	0.00	100.00	0.00	0.00	0.00	0.00	100
2017-03-21	83.53	16.47	0.00	0.00	0.00	0.00	16
2017-03-14	100.00	0.00	0.00	0.00	0.00	0.00	0
2017-03-07	100.00	0.00	0.00	0.00	0.00	0.00	0
2017-02-28	100.00	0.00	0.00	0.00	0.00	0.00	0
2017-02-21	100.00	0.00	0.00	0.00	0.00	0.00	0
2017-02-14	100.00	0.00	0.00	0.00	0.00	0.00	0
2017-02-07	100.00	0.00	0.00	0.00	0.00	0.00	0
2017-01-31	100.00	0.00	0.00	0.00	0.00	0.00	0
2017-01-24	100.00	0.00	0.00	0.00	0.00	0.00	0



Week	None	D0-D4	D1-D4	D2-D4	D3-D4	D4	<u>DSCI</u>
2017-01-17	0.00	100.00	97.99	0.00	0.00	0.00	198
2017-01-10	0.00	100.00	97.99	0.00	0.00	0.00	198
2017-01-03	0.00	100.00	100.00	23.92	0.00	0.00	224
2016-12-27	0.00	100.00	100.00	23.92	0.00	0.00	224
2016-12-20	0.00	100.00	100.00	23.92	0.00	0.00	224
2016-12-13	0.00	100.00	99.90	23.92	0.00	0.00	224
2016-12-06	0.00	100.00	99.90	23.01	0.00	0.00	223
2016-11-29	0.00	100.00	99.48	22.02	0.00	0.00	222
2016-11-22	0.00	100.00	44.70	0.00	0.00	0.00	145
2016-11-15	0.00	100.00	0.00	0.00	0.00	0.00	100
2016-11-08	0.00	100.00	0.00	0.00	0.00	0.00	100
2016-11-01	95.48	4.52	0.00	0.00	0.00	0.00	5
2016-10-25	100.00	0.00	0.00	0.00	0.00	0.00	0
2016-10-18	100.00	0.00	0.00	0.00	0.00	0.00	0



Week	None	D0-D4	D1-D4	D2-D4	D3-D4	D4	<u>DSCI</u>
2016-10-11	100.00	0.00	0.00	0.00	0.00	0.00	0
2016-10-04	100.00	0.00	0.00	0.00	0.00	0.00	0
2016-09-27	100.00	0.00	0.00	0.00	0.00	0.00	0
2016-09-20	100.00	0.00	0.00	0.00	0.00	0.00	0
2016-09-13	100.00	0.00	0.00	0.00	0.00	0.00	0
2016-09-06	100.00	0.00	0.00	0.00	0.00	0.00	0
2016-08-30	52.24	47.76	0.00	0.00	0.00	0.00	48
2016-08-23	52.24	47.76	0.00	0.00	0.00	0.00	48
2016-08-16	52.00	48.00	0.00	0.00	0.00	0.00	48
2016-08-09	44.85	55.15	0.00	0.00	0.00	0.00	55
2016-08-02	35.97	64.03	0.00	0.00	0.00	0.00	64
2016-07-26	70.87	29.13	0.00	0.00	0.00	0.00	29
2016-07-19	70.87	29.13	0.00	0.00	0.00	0.00	29
2016-07-12	70.90	29.10	0.00	0.00	0.00	0.00	29



Week	None	D0-D4	D1-D4	D2-D4	D3-D4	D4	<u>DSCI</u>
2016-07-05	100.00	0.00	0.00	0.00	0.00	0.00	0
2016-06-28	100.00	0.00	0.00	0.00	0.00	0.00	0
2016-06-21	100.00	0.00	0.00	0.00	0.00	0.00	0
2016-06-14	100.00	0.00	0.00	0.00	0.00	0.00	0
2016-06-07	100.00	0.00	0.00	0.00	0.00	0.00	0
2016-05-31	100.00	0.00	0.00	0.00	0.00	0.00	0
2016-05-24	100.00	0.00	0.00	0.00	0.00	0.00	0
2016-05-17	100.00	0.00	0.00	0.00	0.00	0.00	0
2016-05-10	100.00	0.00	0.00	0.00	0.00	0.00	0
2016-05-03	100.00	0.00	0.00	0.00	0.00	0.00	0
2016-04-26	100.00	0.00	0.00	0.00	0.00	0.00	0
2016-04-19	100.00	0.00	0.00	0.00	0.00	0.00	0
2016-04-12	100.00	0.00	0.00	0.00	0.00	0.00	0
2016-04-05	100.00	0.00	0.00	0.00	0.00	0.00	0



Week	None	D0-D4	D1-D4	D2-D4	D3-D4	D4	<u>DSCI</u>
2016-03-29	47.54	52.46	0.00	0.00	0.00	0.00	52
2016-03-22	20.66	79.34	0.00	0.00	0.00	0.00	79
2016-03-15	20.66	79.34	0.00	0.00	0.00	0.00	79
2016-03-08	20.66	79.34	0.00	0.00	0.00	0.00	79
2016-03-01	37.71	62.29	0.00	0.00	0.00	0.00	62
2016-02-23	55.41	44.59	0.00	0.00	0.00	0.00	45
2016-02-16	55.41	44.59	0.00	0.00	0.00	0.00	45
2016-02-09	55.41	44.59	0.00	0.00	0.00	0.00	45
2016-02-02	18.98	81.02	0.00	0.00	0.00	0.00	81
2016-01-26	18.55	81.45	0.00	0.00	0.00	0.00	81
2016-01-19	18.55	81.45	0.00	0.00	0.00	0.00	81
2016-01-12	18.55	81.45	0.00	0.00	0.00	0.00	81
2016-01-05	18.55	81.45	0.00	0.00	0.00	0.00	81
2015-12-29	18.55	81.45	0.00	0.00	0.00	0.00	81



Week	None	D0-D4	D1-D4	D2-D4	D3-D4	D4	<u>DSCI</u>
2015-12-22	0.00	100.00	0.00	0.00	0.00	0.00	100
2015-12-15	0.00	100.00	0.00	0.00	0.00	0.00	100
2015-12-08	3.31	96.69	0.00	0.00	0.00	0.00	97
2015-12-01	3.19	96.81	0.00	0.00	0.00	0.00	97
2015-11-24	7.79	92.21	0.00	0.00	0.00	0.00	92
2015-11-17	7.79	92.21	0.00	0.00	0.00	0.00	92
2015-11-10	99.87	0.13	0.00	0.00	0.00	0.00	0
2015-11-03	100.00	0.00	0.00	0.00	0.00	0.00	0
2015-10-27	93.10	6.90	0.00	0.00	0.00	0.00	7
2015-10-20	93.10	6.90	0.00	0.00	0.00	0.00	7
2015-10-13	93.10	6.90	0.00	0.00	0.00	0.00	7
2015-10-06	97.69	2.31	0.00	0.00	0.00	0.00	2
2015-09-29	97.69	2.31	0.00	0.00	0.00	0.00	2
2015-09-22	97.96	2.04	0.00	0.00	0.00	0.00	2



Week	None	D0-D4	D1-D4	D2-D4	D3-D4	D4	<u>DSCI</u>
2015-09-15	97.96	2.04	0.00	0.00	0.00	0.00	2
2015-09-08	66.02	33.98	1.85	0.00	0.00	0.00	36
2015-09-01	17.92	82.08	35.58	0.00	0.00	0.00	118
2015-08-25	19.43	80.57	35.58	0.00	0.00	0.00	116
2015-08-18	22.27	77.73	35.58	0.00	0.00	0.00	113
2015-08-11	20.14	79.86	35.58	0.00	0.00	0.00	115
2015-08-04	0.00	100.00	72.10	0.00	0.00	0.00	172
2015-07-28	0.00	100.00	94.27	55.87	0.00	0.00	250
2015-07-21	0.00	100.00	94.27	55.87	0.00	0.00	250
2015-07-14	0.00	100.00	100.00	59.14	0.00	0.00	259
2015-07-07	0.00	100.00	100.00	59.14	0.00	0.00	259
2015-06-30	0.00	100.00	100.00	59.14	0.00	0.00	259
2015-06-23	0.00	100.00	100.00	59.14	0.00	0.00	259
2015-06-16	0.00	100.00	75.51	0.00	0.00	0.00	176





Week	None	D0-D4	D1-D4	D2-D4	D3-D4	D4	<u>DSCI</u>
2015-06-09	0.00	100.00	75.51	0.00	0.00	0.00	176
2015-06-02	0.00	100.00	75.51	0.00	0.00	0.00	176
2015-05-26	0.00	100.00	74.55	0.00	0.00	0.00	175
2015-05-19	0.00	100.00	0.00	0.00	0.00	0.00	100
2015-05-12	0.00	100.00	0.00	0.00	0.00	0.00	100
2015-05-05	63.25	36.75	0.00	0.00	0.00	0.00	37
2015-04-28	63.25	36.75	0.00	0.00	0.00	0.00	37
2015-04-21	62.89	37.11	0.00	0.00	0.00	0.00	37
2015-04-14	96.06	3.94	0.00	0.00	0.00	0.00	4
2015-04-07	96.06	3.94	0.00	0.00	0.00	0.00	4
2015-03-31	100.00	0.00	0.00	0.00	0.00	0.00	0
2015-03-24	100.00	0.00	0.00	0.00	0.00	0.00	0
2015-03-17	100.00	0.00	0.00	0.00	0.00	0.00	0
2015-03-10	100.00	0.00	0.00	0.00	0.00	0.00	0



Week	None	D0-D4	D1-D4	D2-D4	D3-D4	D4	<u>DSCI</u>
2015-03-03	100.00	0.00	0.00	0.00	0.00	0.00	0
2015-02-24	100.00	0.00	0.00	0.00	0.00	0.00	0
2015-02-17	100.00	0.00	0.00	0.00	0.00	0.00	0
2015-02-10	100.00	0.00	0.00	0.00	0.00	0.00	0
2015-02-03	100.00	0.00	0.00	0.00	0.00	0.00	0
2015-01-27	100.00	0.00	0.00	0.00	0.00	0.00	0
2015-01-20	100.00	0.00	0.00	0.00	0.00	0.00	0
2015-01-13	100.00	0.00	0.00	0.00	0.00	0.00	0
2015-01-06	100.00	0.00	0.00	0.00	0.00	0.00	0
2014-12-30	100.00	0.00	0.00	0.00	0.00	0.00	0
2014-12-23	100.00	0.00	0.00	0.00	0.00	0.00	0
2014-12-16	100.00	0.00	0.00	0.00	0.00	0.00	0
2014-12-09	99.38	0.62	0.00	0.00	0.00	0.00	1
2014-12-02	99.38	0.62	0.00	0.00	0.00	0.00	1



Week	None	D0-D4	D1-D4	D2-D4	D3-D4	D4	<u>DSCI</u>
2014-11-25	99.38	0.62	0.00	0.00	0.00	0.00	1
2014-11-18	48.91	51.09	0.45	0.00	0.00	0.00	52
2014-11-11	84.10	15.90	0.45	0.00	0.00	0.00	16
2014-11-04	84.10	15.90	0.45	0.00	0.00	0.00	16
2014-10-28	84.10	15.90	0.45	0.00	0.00	0.00	16
2014-10-21	84.10	15.90	0.45	0.00	0.00	0.00	16
2014-10-14	84.10	15.90	0.17	0.00	0.00	0.00	16
2014-10-07	84.85	15.15	0.17	0.00	0.00	0.00	15
2014-09-30	55.43	44.57	11.83	0.00	0.00	0.00	56
2014-09-23	34.92	65.08	39.68	0.91	0.00	0.00	106
2014-09-16	2.28	97.72	55.41	1.56	0.00	0.00	155
2014-09-09	2.28	97.72	55.41	8.67	0.00	0.00	162
2014-09-02	0.00	100.00	90.18	55.15	0.00	0.00	245
2014-08-26	0.00	100.00	71.76	0.00	0.00	0.00	172



Week	None	D0-D4	D1-D4	D2-D4	D3-D4	D4	<u>DSCI</u>
2014-08-19	0.00	100.00	0.00	0.00	0.00	0.00	100
2014-08-12	0.00	100.00	0.00	0.00	0.00	0.00	100
2014-08-05	0.00	100.00	0.00	0.00	0.00	0.00	100
2014-07-29	0.00	100.00	0.00	0.00	0.00	0.00	100
2014-07-22	100.00	0.00	0.00	0.00	0.00	0.00	0
2014-07-15	100.00	0.00	0.00	0.00	0.00	0.00	0
2014-07-08	100.00	0.00	0.00	0.00	0.00	0.00	0
2014-07-01	100.00	0.00	0.00	0.00	0.00	0.00	0
2014-06-24	100.00	0.00	0.00	0.00	0.00	0.00	0
2014-06-17	100.00	0.00	0.00	0.00	0.00	0.00	0
2014-06-10	100.00	0.00	0.00	0.00	0.00	0.00	0
2014-06-03	100.00	0.00	0.00	0.00	0.00	0.00	0
2014-05-27	100.00	0.00	0.00	0.00	0.00	0.00	0
2014-05-20	100.00	0.00	0.00	0.00	0.00	0.00	0



Week	None	D0-D4	D1-D4	D2-D4	D3-D4	D4	<u>DSCI</u>
2014-05-13	100.00	0.00	0.00	0.00	0.00	0.00	0
2014-05-06	100.00	0.00	0.00	0.00	0.00	0.00	0
2014-04-29	100.00	0.00	0.00	0.00	0.00	0.00	0
2014-04-22	100.00	0.00	0.00	0.00	0.00	0.00	0
2014-04-15	100.00	0.00	0.00	0.00	0.00	0.00	0
2014-04-08	100.00	0.00	0.00	0.00	0.00	0.00	0
2014-04-01	100.00	0.00	0.00	0.00	0.00	0.00	0
2014-03-25	100.00	0.00	0.00	0.00	0.00	0.00	0
2014-03-18	100.00	0.00	0.00	0.00	0.00	0.00	0
2014-03-11	100.00	0.00	0.00	0.00	0.00	0.00	0
2014-03-04	100.00	0.00	0.00	0.00	0.00	0.00	0
2014-02-25	100.00	0.00	0.00	0.00	0.00	0.00	0
2014-02-18	100.00	0.00	0.00	0.00	0.00	0.00	0
2014-02-11	100.00	0.00	0.00	0.00	0.00	0.00	0



Week	None	D0-D4	D1-D4	D2-D4	D3-D4	D4	<u>DSCI</u>
2014-02-04	100.00	0.00	0.00	0.00	0.00	0.00	0
2014-01-28	100.00	0.00	0.00	0.00	0.00	0.00	0
2014-01-21	100.00	0.00	0.00	0.00	0.00	0.00	0
2014-01-14	100.00	0.00	0.00	0.00	0.00	0.00	0
2014-01-07	63.64	36.36	0.00	0.00	0.00	0.00	36
2013-12-31	63.64	36.36	0.00	0.00	0.00	0.00	36
2013-12-24	0.00	100.00	0.00	0.00	0.00	0.00	100
2013-12-17	0.00	100.00	0.00	0.00	0.00	0.00	100
2013-12-10	0.00	100.00	0.00	0.00	0.00	0.00	100
2013-12-03	0.00	100.00	0.00	0.00	0.00	0.00	100
2013-11-26	0.00	100.00	0.00	0.00	0.00	0.00	100
2013-11-19	0.00	100.00	0.00	0.00	0.00	0.00	100
2013-11-12	0.00	100.00	0.00	0.00	0.00	0.00	100
2013-11-05	0.00	100.00	0.00	0.00	0.00	0.00	100



Week	None	D0-D4	D1-D4	D2-D4	D3-D4	D4	<u>DSCI</u>
2013-10-29	0.00	100.00	0.00	0.00	0.00	0.00	100
2013-10-22	0.00	100.00	0.00	0.00	0.00	0.00	100
2013-10-15	100.00	0.00	0.00	0.00	0.00	0.00	0
2013-10-08	100.00	0.00	0.00	0.00	0.00	0.00	0
2013-10-01	100.00	0.00	0.00	0.00	0.00	0.00	0
2013-09-24	100.00	0.00	0.00	0.00	0.00	0.00	0
2013-09-17	100.00	0.00	0.00	0.00	0.00	0.00	0
2013-09-10	100.00	0.00	0.00	0.00	0.00	0.00	0
2013-09-03	100.00	0.00	0.00	0.00	0.00	0.00	0
2013-08-27	100.00	0.00	0.00	0.00	0.00	0.00	0
2013-08-20	100.00	0.00	0.00	0.00	0.00	0.00	0
2013-08-13	100.00	0.00	0.00	0.00	0.00	0.00	0
2013-08-06	100.00	0.00	0.00	0.00	0.00	0.00	0
2013-07-30	100.00	0.00	0.00	0.00	0.00	0.00	0





<b>Week</b>	<b>None</b>	<b>D0-D4</b>	<b>D1-D4</b>	<b>D2-D4</b>	<b>D3-D4</b>	<b>D4</b>	<b><u>DSCI</u></b>
2013-07-23	100.00	0.00	0.00	0.00	0.00	0.00	0
2013-07-16	100.00	0.00	0.00	0.00	0.00	0.00	0
2013-07-09	100.00	0.00	0.00	0.00	0.00	0.00	0
2013-07-02	100.00	0.00	0.00	0.00	0.00	0.00	0
2013-06-25	100.00	0.00	0.00	0.00	0.00	0.00	0
2013-06-18	100.00	0.00	0.00	0.00	0.00	0.00	0
2013-06-11	100.00	0.00	0.00	0.00	0.00	0.00	0
2013-06-04	100.00	0.00	0.00	0.00	0.00	0.00	0
2013-05-28	100.00	0.00	0.00	0.00	0.00	0.00	0
2013-05-21	100.00	0.00	0.00	0.00	0.00	0.00	0
2013-05-14	100.00	0.00	0.00	0.00	0.00	0.00	0
2013-05-07	100.00	0.00	0.00	0.00	0.00	0.00	0
2013-04-30	100.00	0.00	0.00	0.00	0.00	0.00	0
2013-04-23	100.00	0.00	0.00	0.00	0.00	0.00	0



Week	None	D0-D4	D1-D4	D2-D4	D3-D4	D4	<u>DSCI</u>
2013-04-16	100.00	0.00	0.00	0.00	0.00	0.00	0
2013-04-09	100.00	0.00	0.00	0.00	0.00	0.00	0
2013-04-02	72.07	27.93	0.00	0.00	0.00	0.00	28
2013-03-26	72.07	27.93	0.00	0.00	0.00	0.00	28
2013-03-19	0.00	100.00	49.35	0.00	0.00	0.00	149
2013-03-12	0.00	100.00	49.35	0.00	0.00	0.00	149
2013-03-05	0.00	100.00	49.35	0.00	0.00	0.00	149
2013-02-26	0.00	100.00	81.92	49.35	0.00	0.00	231
2013-02-19	0.00	100.00	100.00	100.00	48.21	0.00	348
2013-02-12	0.00	100.00	100.00	100.00	0.00	0.00	300
2013-02-05	0.00	100.00	100.00	100.00	0.00	0.00	300
2013-01-29	0.00	100.00	100.00	100.00	0.00	0.00	300
2013-01-22	0.00	100.00	100.00	0.00	0.00	0.00	200
2013-01-15	0.00	100.00	100.00	0.00	0.00	0.00	200



Week	None	D0-D4	D1-D4	D2-D4	D3-D4	D4	<u>DSCI</u>
2013-01-08	0.00	100.00	49.88	0.00	0.00	0.00	150
2013-01-01	0.00	100.00	49.88	0.00	0.00	0.00	150
2012-12-25	0.00	100.00	49.88	0.00	0.00	0.00	150
2012-12-18	20.03	79.97	42.63	0.00	0.00	0.00	123
2012-12-11	20.03	79.97	42.63	0.00	0.00	0.00	123
2012-12-04	19.13	80.87	42.63	0.00	0.00	0.00	124
2012-11-27	19.21	80.79	42.96	0.00	0.00	0.00	124
2012-11-20	19.21	80.79	0.00	0.00	0.00	0.00	81
2012-11-13	68.58	31.42	0.00	0.00	0.00	0.00	31
2012-11-06	73.22	26.78	0.00	0.00	0.00	0.00	27
2012-10-30	95.11	4.89	0.00	0.00	0.00	0.00	5
2012-10-23	100.00	0.00	0.00	0.00	0.00	0.00	0
2012-10-16	100.00	0.00	0.00	0.00	0.00	0.00	0
2012-10-09	100.00	0.00	0.00	0.00	0.00	0.00	0



<b>Week</b>	<b>None</b>	<b>D0-D4</b>	<b>D1-D4</b>	<b>D2-D4</b>	<b>D3-D4</b>	<b>D4</b>	<b><u>DSCI</u></b>
2012-10-02	100.00	0.00	0.00	0.00	0.00	0.00	0
2012-09-25	100.00	0.00	0.00	0.00	0.00	0.00	0
2012-09-18	100.00	0.00	0.00	0.00	0.00	0.00	0
2012-09-11	100.00	0.00	0.00	0.00	0.00	0.00	0
2012-09-04	100.00	0.00	0.00	0.00	0.00	0.00	0
2012-08-28	100.00	0.00	0.00	0.00	0.00	0.00	0
2012-08-21	100.00	0.00	0.00	0.00	0.00	0.00	0
2012-08-14	100.00	0.00	0.00	0.00	0.00	0.00	0
2012-08-07	100.00	0.00	0.00	0.00	0.00	0.00	0
2012-07-31	100.00	0.00	0.00	0.00	0.00	0.00	0
2012-07-24	100.00	0.00	0.00	0.00	0.00	0.00	0
2012-07-17	100.00	0.00	0.00	0.00	0.00	0.00	0
2012-07-10	100.00	0.00	0.00	0.00	0.00	0.00	0
2012-07-03	100.00	0.00	0.00	0.00	0.00	0.00	0



Week	None	D0-D4	D1-D4	D2-D4	D3-D4	D4	<u>DSCI</u>
2012-06-26	100.00	0.00	0.00	0.00	0.00	0.00	0
2012-06-19	24.33	75.67	24.66	0.00	0.00	0.00	100
2012-06-12	0.00	100.00	72.52	7.59	0.00	0.00	180
2012-06-05	0.00	100.00	100.00	52.00	0.00	0.00	252
2012-05-29	0.00	100.00	100.00	100.00	13.58	0.00	314
2012-05-22	0.00	100.00	100.00	100.00	100.00	1.09	401
2012-05-15	0.00	100.00	100.00	100.00	100.00	1.09	401
2012-05-08	0.00	100.00	100.00	100.00	100.00	1.09	401
2012-05-01	0.00	100.00	100.00	100.00	100.00	4.13	404
2012-04-24	0.00	100.00	100.00	100.00	100.00	4.13	404
2012-04-17	0.00	100.00	100.00	100.00	100.00	4.13	404
2012-04-10	0.00	100.00	100.00	100.00	100.00	4.13	404
2012-04-03	0.00	100.00	100.00	100.00	93.68	2.15	396
2012-03-27	0.00	100.00	100.00	100.00	93.68	0.00	394



<b>Week</b>	<b>None</b>	<b>D0-D4</b>	<b>D1-D4</b>	<b>D2-D4</b>	<b>D3-D4</b>	<b>D4</b>	<b><u>DSCI</u></b>
<b>2012-03-20</b>	0.00	100.00	100.00	100.00	93.68	0.00	394
<b>2012-03-13</b>	0.00	100.00	100.00	100.00	93.68	0.00	394
<b>2012-03-06</b>	0.00	100.00	100.00	100.00	93.68	0.00	394
<b>2012-02-28</b>	0.00	100.00	100.00	100.00	100.00	86.81	487
<b>2012-02-21</b>	0.00	100.00	100.00	100.00	100.00	86.81	487
<b>2012-02-14</b>	0.00	100.00	100.00	100.00	100.00	86.81	487
<b>2012-02-07</b>	0.00	100.00	100.00	100.00	100.00	86.81	487
<b>2012-01-31</b>	0.00	100.00	100.00	100.00	93.04	0.00	393
<b>2012-01-24</b>	0.00	100.00	100.00	100.00	93.04	0.00	393
<b>2012-01-17</b>	0.00	100.00	100.00	100.00	93.04	0.00	393
<b>2012-01-10</b>	0.00	100.00	100.00	93.13	1.26	0.00	294
<b>2012-01-03</b>	0.00	100.00	100.00	93.13	1.26	0.00	294
<b>2011-12-27</b>	0.00	100.00	100.00	93.13	1.26	0.00	294
<b>2011-12-20</b>	0.00	100.00	100.00	93.13	1.26	0.00	294



Week	None	D0-D4	D1-D4	D2-D4	D3-D4	D4	<u>DSCI</u>
2011-12-13	0.00	100.00	100.00	93.07	1.26	0.00	294
2011-12-06	0.00	100.00	100.00	96.49	1.26	0.00	298
2011-11-29	0.00	100.00	100.00	95.11	1.26	0.00	296
2011-11-22	0.00	100.00	100.00	99.79	7.85	0.00	308
2011-11-15	0.00	100.00	100.00	99.79	7.85	0.00	308
2011-11-08	0.00	100.00	100.00	99.66	8.18	0.00	308
2011-11-01	0.00	100.00	100.00	99.66	8.18	0.00	308
2011-10-25	0.00	100.00	100.00	99.66	8.18	0.00	308
2011-10-18	0.00	100.00	100.00	99.66	8.18	0.00	308
2011-10-11	0.00	100.00	100.00	99.66	68.49	0.00	368
2011-10-04	0.00	100.00	100.00	100.00	68.49	0.00	368
2011-09-27	0.00	100.00	100.00	100.00	68.49	0.00	368
2011-09-20	0.00	100.00	100.00	100.00	68.49	0.00	368
2011-09-13	0.00	100.00	100.00	100.00	97.82	0.00	398



Week	None	D0-D4	D1-D4	D2-D4	D3-D4	D4	<u>DSCI</u>
2011-09-06	0.00	100.00	100.00	100.00	97.82	0.00	398
2011-08-30	0.00	100.00	100.00	100.00	97.47	0.00	397
2011-08-23	0.00	100.00	100.00	100.00	0.00	0.00	300
2011-08-16	0.00	100.00	100.00	100.00	0.00	0.00	300
2011-08-09	0.00	100.00	100.00	100.00	100.00	0.00	400
2011-08-02	0.00	100.00	100.00	100.00	100.00	0.00	400
	0.00	100.00	100.00	100.00	100.00	0.00	400
	0.00	100.00	100.00	100.00	100.00	0.00	400
	0.00	100.00	100.00	100.00	100.00	0.01	400
	0.00	100.00	100.00	100.00	100.00	2.42	402
	0.00	100.00	100.00	100.00	100.00	2.42	402
	0.00	100.00	100.00	100.00	100.00	2.42	402
	0.00	100.00	100.00	100.00	100.00	0.00	400
	0.00	100.00	100.00	100.00	99.17	0.00	399





0.00	100.00	100.00	100.00	99.04	0.00	399
0.00	100.00	100.00	100.00	95.32	0.00	395
0.00	100.00	100.00	100.00	95.32	0.00	395
0.00	100.00	100.00	100.00	95.32	0.00	395
0.00	100.00	100.00	98.64	0.00	0.00	299
0.00	100.00	100.00	98.64	0.00	0.00	299
0.00	100.00	100.00	98.64	0.00	0.00	299
0.00	100.00	100.00	98.64	23.17	0.00	322
0.00	100.00	100.00	98.64	23.17	0.00	322
0.00	100.00	100.00	100.00	79.10	0.00	379
0.00	100.00	100.00	100.00	39.35	0.00	339
0.00	100.00	100.00	100.00	39.35	0.00	339
0.00	100.00	100.00	100.00	39.35	0.00	339
0.00	100.00	100.00	100.00	39.35	0.00	339



0.00	100.00	100.00	100.00	39.35	0.00	339
0.00	100.00	100.00	100.00	39.35	0.00	339
0.00	100.00	100.00	100.00	39.35	0.00	339
0.00	100.00	100.00	100.00	39.35	0.00	339
0.00	100.00	100.00	100.00	39.47	0.00	339
0.00	100.00	100.00	100.00	39.47	0.00	339
0.00	100.00	100.00	100.00	39.47	0.00	339
0.00	100.00	100.00	100.00	39.47	0.00	339
0.00	100.00	100.00	100.00	39.47	0.00	339
0.00	100.00	100.00	100.00	49.16	0.00	349
0.00	100.00	100.00	100.00	59.98	0.00	360
0.00	100.00	100.00	100.00	54.18	0.00	354
0.00	100.00	100.00	100.00	0.00	0.00	300
0.00	100.00	100.00	100.00	0.00	0.00	300



0.00	100.00	100.00	100.00	0.00	0.00	300
0.00	100.00	100.00	100.00	0.00	0.00	300
0.00	100.00	100.00	100.00	0.00	0.00	300
0.00	100.00	100.00	4.25	0.00	0.00	204
0.00	100.00	99.79	4.25	0.00	0.00	204
0.00	100.00	99.79	4.25	0.00	0.00	204
0.00	100.00	99.79	4.25	0.00	0.00	204
0.00	100.00	100.00	4.30	0.00	0.00	204
0.00	100.00	100.00	0.00	0.00	0.00	200
0.00	100.00	100.00	0.00	0.00	0.00	200
0.00	100.00	0.00	0.00	0.00	0.00	100
0.00	100.00	0.00	0.00	0.00	0.00	100
0.00	100.00	0.00	0.00	0.00	0.00	100
0.00	100.00	0.00	0.00	0.00	0.00	100



0.00	100.00	0.00	0.00	0.00	0.00	100
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0



100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0



100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
86.65	13.35	0.00	0.00	0.00	0.00	13
90.16	9.84	0.00	0.00	0.00	0.00	10
90.16	9.84	0.00	0.00	0.00	0.00	10
90.16	9.84	0.00	0.00	0.00	0.00	10
90.16	9.84	0.00	0.00	0.00	0.00	10
90.16	9.84	0.00	0.00	0.00	0.00	10



90.16	9.84	0.00	0.00	0.00	0.00	10
0.00	100.00	0.00	0.00	0.00	0.00	100
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0



100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0





100.00	0.00	0.00	0.00	0.00	0.00	0
0.00	100.00	66.01	0.00	0.00	0.00	166
0.00	100.00	99.90	0.00	0.00	0.00	200
0.00	100.00	99.90	0.00	0.00	0.00	200
0.00	100.00	99.52	0.00	0.00	0.00	200
0.00	100.00	99.52	0.00	0.00	0.00	200
0.00	100.00	99.52	0.00	0.00	0.00	200
0.00	100.00	0.00	0.00	0.00	0.00	100
4.78	95.22	0.00	0.00	0.00	0.00	95
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0



100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
59.37	40.63	0.00	0.00	0.00	0.00	41
59.37	40.63	0.00	0.00	0.00	0.00	41
59.37	40.63	0.00	0.00	0.00	0.00	41
59.37	40.63	0.00	0.00	0.00	0.00	41
59.37	40.63	0.00	0.00	0.00	0.00	41
19.57	80.43	42.66	0.00	0.00	0.00	123
18.19	81.81	42.68	0.00	0.00	0.00	125
2.42	97.58	37.93	0.00	0.00	0.00	136
2.42	97.58	37.93	0.00	0.00	0.00	136



53.13	46.87	0.00	0.00	0.00	0.00	47
53.13	46.87	0.00	0.00	0.00	0.00	47
53.13	46.87	0.00	0.00	0.00	0.00	47
53.13	46.87	0.00	0.00	0.00	0.00	47
53.13	46.87	0.00	0.00	0.00	0.00	47
0.00	100.00	100.00	46.85	0.00	0.00	247
0.00	100.00	100.00	46.85	0.00	0.00	247
0.00	100.00	76.42	0.00	0.00	0.00	176
0.00	100.00	76.42	0.00	0.00	0.00	176
0.00	100.00	76.42	0.00	0.00	0.00	176
0.00	100.00	0.00	0.00	0.00	0.00	100
25.85	74.15	0.00	0.00	0.00	0.00	74
25.85	74.15	0.00	0.00	0.00	0.00	74
25.85	74.15	0.00	0.00	0.00	0.00	74



44.88	55.12	0.00	0.00	0.00	0.00	55
0.01	99.99	0.00	0.00	0.00	0.00	100
0.01	99.99	0.00	0.00	0.00	0.00	100
70.77	29.23	0.00	0.00	0.00	0.00	29
70.77	29.23	0.00	0.00	0.00	0.00	29
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0



100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
0.00	100.00	0.00	0.00	0.00	0.00	100
0.00	100.00	0.00	0.00	0.00	0.00	100
0.00	100.00	0.00	0.00	0.00	0.00	100
0.00	100.00	0.00	0.00	0.00	0.00	100
0.00	100.00	0.00	0.00	0.00	0.00	100
0.00	100.00	0.00	0.00	0.00	0.00	100
0.00	100.00	0.00	0.00	0.00	0.00	100
0.00	100.00	0.00	0.00	0.00	0.00	100
0.00	100.00	41.51	0.00	0.00	0.00	142
0.00	100.00	41.51	0.00	0.00	0.00	142
0.00	100.00	38.95	0.00	0.00	0.00	139



14.60	85.40	11.95	0.00	0.00	0.00	97
28.78	71.22	0.00	0.00	0.00	0.00	71
28.78	71.22	0.00	0.00	0.00	0.00	71
28.78	71.22	0.00	0.00	0.00	0.00	71
65.09	34.91	0.00	0.00	0.00	0.00	35
65.09	34.91	0.00	0.00	0.00	0.00	35
59.07	40.93	0.00	0.00	0.00	0.00	41
40.50	59.50	0.00	0.00	0.00	0.00	60
85.81	14.19	0.00	0.00	0.00	0.00	14
1.86	98.14	0.00	0.00	0.00	0.00	98
1.86	98.14	0.00	0.00	0.00	0.00	98
0.00	100.00	42.53	0.00	0.00	0.00	143
0.00	100.00	42.53	0.00	0.00	0.00	143
0.00	100.00	42.53	0.00	0.00	0.00	143



0.00	100.00	100.00	75.37	0.00	0.00	275
0.00	100.00	99.99	75.36	0.88	0.00	276
0.00	100.00	99.97	75.36	0.88	0.00	276
0.00	100.00	99.96	75.36	1.22	0.00	277
0.00	100.00	100.00	78.93	0.00	0.00	279
0.00	100.00	100.00	78.93	0.00	0.00	279
0.00	100.00	100.00	78.93	0.00	0.00	279
0.00	100.00	100.00	78.93	0.00	0.00	279
0.00	100.00	100.00	76.14	0.00	0.00	276
0.00	100.00	100.00	76.14	0.00	0.00	276
0.00	100.00	100.00	100.00	0.00	0.00	300
0.00	100.00	100.00	100.00	0.00	0.00	300
0.00	100.00	100.00	100.00	0.00	0.00	300
0.00	100.00	100.00	100.00	100.00	0.00	400



0.00	100.00	100.00	100.00	100.00	0.00	400
0.00	100.00	100.00	100.00	100.00	0.00	400
0.00	100.00	100.00	100.00	100.00	0.00	400
0.00	100.00	100.00	100.00	100.00	0.00	400
0.00	100.00	100.00	100.00	100.00	0.00	400
0.00	100.00	100.00	90.75	0.00	0.00	291
0.00	100.00	100.00	0.00	0.00	0.00	200
0.00	100.00	100.00	0.00	0.00	0.00	200
0.00	100.00	0.00	0.00	0.00	0.00	100
0.00	100.00	0.00	0.00	0.00	0.00	100
61.49	38.51	0.00	0.00	0.00	0.00	39
61.49	38.51	0.00	0.00	0.00	0.00	39
70.32	29.68	0.00	0.00	0.00	0.00	30
70.32	29.68	0.00	0.00	0.00	0.00	30





70.32	29.68	0.00	0.00	0.00	0.00	30
70.32	29.68	0.00	0.00	0.00	0.00	30
0.00	100.00	44.10	0.00	0.00	0.00	144
0.00	100.00	44.10	0.00	0.00	0.00	144
0.00	100.00	1.83	0.00	0.00	0.00	102
0.00	100.00	1.83	0.00	0.00	0.00	102
0.00	100.00	36.12	0.00	0.00	0.00	136
0.00	100.00	88.00	0.00	0.00	0.00	188
0.00	100.00	88.00	0.00	0.00	0.00	188
0.00	100.00	88.00	0.00	0.00	0.00	188
0.00	100.00	35.18	0.00	0.00	0.00	135
6.10	93.90	35.18	0.00	0.00	0.00	129
0.00	100.00	84.63	0.00	0.00	0.00	185
0.00	100.00	100.00	0.00	0.00	0.00	200



0.00	100.00	100.00	0.00	0.00	0.00	200
0.00	100.00	100.00	0.00	0.00	0.00	200
0.00	100.00	100.00	0.00	0.00	0.00	200
0.00	100.00	100.00	0.00	0.00	0.00	200
0.00	100.00	100.00	0.00	0.00	0.00	200
0.00	100.00	100.00	0.00	0.00	0.00	200
0.00	100.00	0.00	0.00	0.00	0.00	100
0.00	100.00	0.00	0.00	0.00	0.00	100
0.00	100.00	0.00	0.00	0.00	0.00	100
0.00	100.00	0.00	0.00	0.00	0.00	100
0.00	100.00	0.00	0.00	0.00	0.00	100
0.00	100.00	26.92	0.00	0.00	0.00	127
0.00	100.00	0.00	0.00	0.00	0.00	100
0.00	100.00	0.00	0.00	0.00	0.00	100



0.00	100.00	0.82	0.00	0.00	0.00	101
0.00	100.00	0.82	0.00	0.00	0.00	101
0.00	100.00	0.82	0.00	0.00	0.00	101
5.40	94.60	0.00	0.00	0.00	0.00	95
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
98.89	1.11	0.00	0.00	0.00	0.00	1
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0



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100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0



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100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
65.96	34.04	0.00	0.00	0.00	0.00	34
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0



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100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
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100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
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100.00	0.00	0.00	0.00	0.00	0.00	0



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100.00	0.00	0.00	0.00	0.00	0.00	0
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100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0





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100.00	0.00	0.00	0.00	0.00	0.00	0
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100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
52.91	47.09	0.00	0.00	0.00	0.00	47
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
86.03	13.97	0.00	0.00	0.00	0.00	14
6.75	93.25	13.96	0.00	0.00	0.00	107
0.00	100.00	16.26	0.00	0.00	0.00	116



0.00	100.00	100.00	0.00	0.00	0.00	200
0.00	100.00	100.00	0.00	0.00	0.00	200
0.00	100.00	100.00	0.00	0.00	0.00	200
0.00	100.00	0.00	0.00	0.00	0.00	100
0.00	100.00	0.00	0.00	0.00	0.00	100
0.00	100.00	0.00	0.00	0.00	0.00	100
0.00	100.00	0.00	0.00	0.00	0.00	100
0.00	100.00	0.00	0.00	0.00	0.00	100
0.00	100.00	0.00	0.00	0.00	0.00	100
0.00	100.00	0.00	0.00	0.00	0.00	100
0.00	100.00	0.00	0.00	0.00	0.00	100
0.00	100.00	0.00	0.00	0.00	0.00	100
0.00	100.00	0.00	0.00	0.00	0.00	100
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0



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100.00	0.00	0.00	0.00	0.00	0.00	0
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100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
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100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
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100.00	0.00	0.00	0.00	0.00	0.00	0
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100.00	0.00	0.00	0.00	0.00	0.00	0
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100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0



91.34	8.66	0.00	0.00	0.00	0.00	9
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
14.12	85.88	0.00	0.00	0.00	0.00	86
13.65	86.35	0.00	0.00	0.00	0.00	86
11.28	88.72	0.00	0.00	0.00	0.00	89
19.41	80.59	0.00	0.00	0.00	0.00	81



5.58	94.42	0.00	0.00	0.00	0.00	94
42.84	57.16	0.00	0.00	0.00	0.00	57
54.71	45.29	0.00	0.00	0.00	0.00	45
45.01	54.99	0.00	0.00	0.00	0.00	55
34.41	65.59	0.00	0.00	0.00	0.00	66
52.65	47.35	0.00	0.00	0.00	0.00	47
33.20	66.80	0.00	0.00	0.00	0.00	67
48.50	51.50	0.00	0.00	0.00	0.00	52
44.49	55.51	0.00	0.00	0.00	0.00	56
44.71	55.29	0.00	0.00	0.00	0.00	55
30.87	69.13	0.00	0.00	0.00	0.00	69
37.84	62.16	0.00	0.00	0.00	0.00	62
39.50	60.50	0.00	0.00	0.00	0.00	61
41.01	58.99	0.00	0.00	0.00	0.00	59





62.76	37.24	0.00	0.00	0.00	0.00	37
53.97	46.03	0.00	0.00	0.00	0.00	46
0.00	100.00	0.00	0.00	0.00	0.00	100
0.00	100.00	10.34	0.00	0.00	0.00	110
57.67	42.33	0.00	0.00	0.00	0.00	42
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
22.74	77.26	7.11	0.00	0.00	0.00	84
33.58	66.42	2.19	0.00	0.00	0.00	69
25.88	74.12	0.00	0.00	0.00	0.00	74
22.50	77.50	0.00	0.00	0.00	0.00	78
29.36	70.64	0.00	0.00	0.00	0.00	71
23.91	76.09	0.00	0.00	0.00	0.00	76
27.53	72.47	0.00	0.00	0.00	0.00	72



0.00	100.00	36.21	0.00	0.00	0.00	136
0.00	100.00	89.90	68.15	0.00	0.00	258
0.00	100.00	91.29	68.51	0.00	0.00	260
0.00	100.00	96.04	69.83	0.00	0.00	266
0.00	100.00	94.99	61.68	0.00	0.00	257
0.00	100.00	100.00	100.00	0.00	0.00	300
0.00	100.00	100.00	100.00	0.00	0.00	300
0.00	100.00	100.00	100.00	0.00	0.00	300
0.00	100.00	100.00	100.00	0.00	0.00	300
0.00	100.00	100.00	97.12	0.00	0.00	297
0.00	100.00	100.00	100.00	0.00	0.00	300
0.00	100.00	100.00	0.16	0.00	0.00	200
0.00	100.00	91.19	0.00	0.00	0.00	191
0.00	100.00	57.10	0.00	0.00	0.00	157



0.00	100.00	48.39	0.00	0.00	0.00	148
0.00	100.00	61.33	0.00	0.00	0.00	161
0.00	100.00	64.20	0.00	0.00	0.00	164
0.00	100.00	0.52	0.00	0.00	0.00	101
0.00	100.00	2.56	0.00	0.00	0.00	103
0.00	100.00	0.08	0.00	0.00	0.00	100
6.06	93.94	0.08	0.00	0.00	0.00	94
0.00	100.00	93.71	0.03	0.00	0.00	194
0.00	100.00	99.82	0.00	0.00	0.00	200
0.00	100.00	98.81	0.00	0.00	0.00	199
0.00	100.00	85.51	0.00	0.00	0.00	186
0.00	100.00	98.32	0.00	0.00	0.00	198
0.00	100.00	100.00	0.00	0.00	0.00	200
0.00	100.00	100.00	0.00	0.00	0.00	200



0.00	100.00	100.00	0.00	0.00	0.00	200
0.00	100.00	100.00	0.00	0.00	0.00	200
0.00	100.00	4.29	0.00	0.00	0.00	104
15.00	85.00	4.29	0.00	0.00	0.00	89
41.19	58.81	0.00	0.00	0.00	0.00	59
0.00	100.00	0.00	0.00	0.00	0.00	100
0.00	100.00	0.00	0.00	0.00	0.00	100
0.00	100.00	0.00	0.00	0.00	0.00	100
0.00	100.00	0.00	0.00	0.00	0.00	100
0.00	100.00	0.00	0.00	0.00	0.00	100
0.00	100.00	0.00	0.00	0.00	0.00	100
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0



100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
59.56	40.44	0.00	0.00	0.00	0.00	40
57.49	42.51	0.00	0.00	0.00	0.00	43
57.49	42.51	0.00	0.00	0.00	0.00	43
57.49	42.51	0.00	0.00	0.00	0.00	43
0.78	99.22	4.64	0.00	0.00	0.00	104



0.00	100.00	63.09	0.00	0.00	0.00	163
0.00	100.00	63.09	0.00	0.00	0.00	163
0.00	100.00	41.47	0.00	0.00	0.00	141
0.00	100.00	100.00	97.25	0.00	0.00	297
0.00	100.00	100.00	97.25	0.00	0.00	297
0.00	100.00	100.00	97.25	0.00	0.00	297
0.00	100.00	100.00	97.26	0.00	0.00	297
0.00	100.00	100.00	30.36	0.00	0.00	230
0.00	100.00	100.00	0.11	0.00	0.00	200
0.00	100.00	100.00	0.11	0.00	0.00	200
0.00	100.00	100.00	0.11	0.00	0.00	200
0.00	100.00	100.00	0.11	0.00	0.00	200
0.00	100.00	100.00	0.11	0.00	0.00	200
0.00	100.00	100.00	0.11	0.00	0.00	200



0.00	100.00	100.00	0.11	0.00	0.00	200
0.00	100.00	100.00	13.00	0.00	0.00	213
0.00	100.00	100.00	81.74	0.00	0.00	282
0.00	100.00	100.00	65.31	0.00	0.00	265
0.00	100.00	100.00	65.30	0.00	0.00	265
0.00	100.00	100.00	72.80	0.00	0.00	273
0.00	100.00	73.02	0.00	0.00	0.00	173
0.00	100.00	47.97	0.00	0.00	0.00	148
0.00	100.00	47.96	0.00	0.00	0.00	148
0.00	100.00	5.32	0.00	0.00	0.00	105
0.00	100.00	5.32	0.00	0.00	0.00	105
0.00	100.00	5.32	0.00	0.00	0.00	105
0.00	100.00	5.49	0.00	0.00	0.00	105
0.00	100.00	47.77	0.00	0.00	0.00	148



0.00	100.00	48.32	0.00	0.00	0.00	148
0.00	100.00	48.32	0.00	0.00	0.00	148
0.00	100.00	48.32	0.00	0.00	0.00	148
0.00	100.00	47.34	0.00	0.00	0.00	147
0.00	100.00	2.48	0.00	0.00	0.00	102
0.00	100.00	2.48	0.00	0.00	0.00	102
0.00	100.00	5.36	0.00	0.00	0.00	105
0.00	100.00	0.00	0.00	0.00	0.00	100
89.55	10.45	0.00	0.00	0.00	0.00	10
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
100.00	0.00	0.00	0.00	0.00	0.00	0
89.22	10.78	0.00	0.00	0.00	0.00	11





0.00	100.00	5.75	0.00	0.00	0.00	106
0.00	100.00	5.74	0.00	0.00	0.00	106
0.00	100.00	5.74	0.00	0.00	0.00	106
0.00	100.00	100.00	0.00	0.00	0.00	200
0.00	100.00	100.00	0.00	0.00	0.00	200
0.00	100.00	100.00	100.00	0.00	0.00	300
0.00	100.00	100.00	100.00	0.00	0.00	300
0.00	100.00	100.00	100.00	0.00	0.00	300
0.00	100.00	100.00	100.00	2.12	0.00	302
0.00	100.00	100.00	100.00	0.00	0.00	300
0.00	100.00	100.00	100.00	90.61	0.00	391
0.00	100.00	100.00	100.00	100.00	0.00	400
0.00	100.00	100.00	100.00	100.00	15.98	416
0.00	100.00	100.00	100.00	0.00	0.00	300



0.00	100.00	100.00	100.00	0.00	0.00	300
0.00	100.00	100.00	100.00	0.00	0.00	300
0.00	100.00	100.00	100.00	0.00	0.00	300
0.00	100.00	100.00	35.51	0.00	0.00	236
0.00	100.00	100.00	9.65	0.00	0.00	210
0.00	100.00	100.00	9.65	0.00	0.00	210
0.00	100.00	100.00	100.00	0.00	0.00	300
0.00	100.00	100.00	100.00	0.00	0.00	300
0.00	100.00	100.00	100.00	0.00	0.00	300
0.00	100.00	100.00	100.00	0.00	0.00	300
0.00	100.00	100.00	100.00	0.00	0.00	300
0.00	100.00	100.00	100.00	0.00	0.00	300
0.00	100.00	100.00	100.00	0.00	0.00	300
0.00	100.00	100.00	100.00	0.00	0.00	300
0.00	100.00	100.00	100.00	0.00	0.00	300



0.00	100.00	100.00	100.00	0.00	0.00	300
0.00	100.00	100.00	100.00	0.00	0.00	300
0.00	100.00	100.00	100.00	0.00	0.00	300
0.00	100.00	100.00	100.00	0.00	0.00	300
0.00	100.00	100.00	100.00	0.00	0.00	300
0.00	100.00	100.00	100.00	0.00	0.00	300
0.00	100.00	100.00	100.00	0.00	0.00	300
0.00	100.00	100.00	100.00	0.00	0.00	300

Showing 1 to 1,062 of 1,062 entries

First Previous Next Last



## University of Nebraska-Lincoln

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## Storm Events Database

### Search Results for Clinch County, Georgia

Event Types: [Hurricane \(Typhoon\)](#), [Tropical Storm](#)

Clinch county contains the following zones:

'[Clinch](#)'

6 events were reported between 01/01/1950 and 12/31/2019 (25567 days)

#### Summary Info:

Number of County/Zone areas affected:	1
Number of Days with Event:	6
Number of Days with Event and Death:	0
Number of Days with Event and Death or Injury:	0
Number of Days with Event and Property Damage:	0
Number of Days with Event and Crop Damage:	0
Number of Event Types reported:	1

#### Column Definitions:

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

Click on **Location** below to display details.

Available Event Types have changed over time. Please refer to the [Database Details](#) for more information.

Sort By:  ▼

<u>Location</u>	<u>County/Zone</u>	<u>St.</u>	<u>Date</u>	<u>Time</u>	<u>T.Z.</u>	<u>Type</u>	<u>Mag</u>	<u>Dth</u>	<u>Inj</u>	<u>PrD</u>	<u>CrD</u>
<b>Totals:</b>								0	0	0.00K	0.00K
<a href="#">CLINCH (ZONE)</a>	CLINCH (ZONE)	GA	09/05/2004	00:01	EST	Tropical Storm		0	0	0.00K	0.00K
<a href="#">CLINCH (ZONE)</a>	CLINCH (ZONE)	GA	09/25/2004	12:00	EST	Tropical Storm		0	0	0.00K	0.00K
<a href="#">CLINCH (ZONE)</a>	CLINCH (ZONE)	GA	06/02/2007	19:45	EST-5	Tropical Storm		0	0	0.00K	0.00K
<a href="#">CLINCH (ZONE)</a>	CLINCH (ZONE)	GA	09/01/2016	07:00	EST-5	Tropical Storm		0	0	0.00K	0.00K
<a href="#">CLINCH (ZONE)</a>	CLINCH (ZONE)	GA	09/10/2017	11:00	EST-5	Tropical Storm		0	0	0.00K	0.00K
<a href="#">CLINCH (ZONE)</a>	CLINCH (ZONE)	GA	10/10/2018	19:00	EST-5	Tropical Storm		0	0	0.00K	0.00K
<b>Totals:</b>								0	0	0.00K	0.00K

## Storm Events Database

### Search Results for Clinch County, Georgia

Event Types: [Blizzard](#), [Cold/Wind Chill](#), [Extreme Cold/Wind Chill](#), [Freezing Fog](#), [Frost/Freeze](#), [Heavy Snow](#), [Ice Storm](#), [Sleet](#), [Winter Storm](#), [Winter Weather](#)

Clinch county contains the following zones:

['Clinch'](#)

3 events were reported between 01/01/1950 and 12/31/2018 (25202 days)

#### Summary Info:

Number of County/Zone areas affected:	1
Number of Days with Event:	3
Number of Days with Event and Death:	0
Number of Days with Event and Death or Injury:	0
Number of Days with Event and Property Damage:	0
Number of Days with Event and Crop Damage:	0
Number of Event Types reported:	3

#### Column Definitions:

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

Click on **Location** below to display details.

Available Event Types have changed over time. Please refer to the [Database Details](#) for more information.

Sort By:  ▼

<u>Location</u>	<u>County/Zone</u>	<u>St.</u>	<u>Date</u>	<u>Time</u>	<u>T.Z.</u>	<u>Type</u>	<u>Mag</u>	<u>Dth</u>	<u>Inj</u>	<u>PrD</u>	<u>CrD</u>
<b>Totals:</b>								0	0	0.00K	0.00K
<a href="#">CLINCH (ZONE)</a>	CLINCH (ZONE)	GA	04/07/2007	21:00	EST-5	Frost/freeze		0	0	0.00K	0.00K
<a href="#">CLINCH (ZONE)</a>	CLINCH (ZONE)	GA	02/12/2010	18:17	EST-5	Winter Storm		0	0	0.00K	0.00K
<a href="#">CLINCH (ZONE)</a>	CLINCH (ZONE)	GA	12/26/2010	06:45	EST-5	Winter Weather		0	0	0.00K	0.00K
<b>Totals:</b>								0	0	0.00K	0.00K

# Storm Events Database

## Search Results for Clinch County, Georgia

Event Types: **Hail**

44 events were reported between 01/01/1950 and 12/31/2018 (25202 days)

### Summary Info:

Number of County/Zone areas affected:	1
Number of Days with Event:	31
Number of Days with Event and Death:	0
Number of Days with Event and Death or Injury:	0
Number of Days with Event and Property Damage:	0
Number of Days with Event and Crop Damage:	0
Number of Event Types reported:	1

### Column Definitions:

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

Click on **Location** below to display details.

Available Event Types have changed over time. Please refer to the [Database Details](#) for more information.

Select:

Sort By:

Location	County/Zone	St.	Date	Time	T.Z.	Type	Mag	Dth	Inj	PrD	CrD
<b>Totals:</b>								0	0	0.00K	0.00K
<a href="#">CLINCH CO.</a>	CLINCH CO.	GA	06/13/1974	19:00	CST	Hail	0.75 in.	0	0	0.00K	0.00K
<a href="#">HOMERVILLE</a>	CLINCH CO.	GA	06/25/1998	14:30	EST	Hail	1.00 in.	0	0	0.00K	0.00K
<a href="#">HOMERVILLE</a>	CLINCH CO.	GA	06/25/1998	15:00	EST	Hail	1.00 in.	0	0	0.00K	0.00K
<a href="#">DUPONT</a>	CLINCH CO.	GA	06/27/1998	16:00	EST	Hail	0.88 in.	0	0	0.00K	0.00K
<a href="#">HOMERVILLE</a>	CLINCH CO.	GA	05/13/1999	17:30	EST	Hail	1.75 in.	0	0	0.00K	0.00K
<a href="#">TRAVISVILLE</a>	CLINCH CO.	GA	05/13/1999	20:05	EST	Hail	0.75 in.	0	0	0.00K	0.00K
<a href="#">HOMERVILLE</a>	CLINCH CO.	GA	03/27/2000	16:45	EST	Hail	1.00 in.	0	0	0.00K	0.00K
<a href="#">HOMERVILLE</a>	CLINCH CO.	GA	03/27/2000	16:45	EST	Hail	1.00 in.	0	0	0.00K	0.00K
<a href="#">FARGO</a>	CLINCH CO.	GA	06/04/2002	13:45	EST	Hail	1.00 in.	0	0	0.00K	0.00K
<a href="#">DUPONT</a>	CLINCH CO.	GA	03/17/2003	18:00	EST	Hail	0.75 in.	0	0	0.00K	0.00K
<a href="#">HOMERVILLE</a>	CLINCH CO.	GA	10/08/2003	19:07	EST	Hail	2.50 in.	0	0	0.00K	0.00K
<a href="#">HOMERVILLE</a>	CLINCH CO.	GA	10/08/2003	19:40	EST	Hail	2.50 in.	0	0	0.00K	0.00K
<a href="#">HOMERVILLE</a>	CLINCH CO.	GA	04/08/2004	13:50	EST	Hail	1.25 in.	0	0	0.00K	0.00K
<a href="#">HOMERVILLE</a>	CLINCH CO.	GA	04/08/2004	14:00	EST	Hail	0.75 in.	0	0	0.00K	0.00K
<a href="#">COGDELL</a>	CLINCH CO.	GA	02/22/2005	17:50	EST	Hail	0.88 in.	0	0	0.00K	0.00K
<a href="#">ARGYLE</a>	CLINCH CO.	GA	03/14/2005	15:49	EST	Hail	0.75 in.	0	0	0.00K	0.00K
<a href="#">ARGYLE</a>	CLINCH CO.	GA	03/14/2005	15:50	EST	Hail	0.75 in.	0	0	0.00K	0.00K
<a href="#">ARGYLE</a>	CLINCH CO.	GA	03/14/2005	15:53	EST	Hail	0.75 in.	0	0	0.00K	0.00K
<a href="#">HOMERVILLE</a>	CLINCH CO.	GA	03/22/2005	17:27	EST	Hail	0.88 in.	0	0	0.00K	0.00K
<a href="#">HOMERVILLE</a>	CLINCH CO.	GA	02/03/2006	20:50	EST	Hail	0.88 in.	0	0	0.00K	0.00K
<a href="#">FARGO</a>	CLINCH CO.	GA	07/27/2006	21:35	EST	Hail	1.00 in.	0	0	0.00K	0.00K
<a href="#">HOMERVILLE</a>	CLINCH CO.	GA	07/28/2006	18:05	EST	Hail	0.75 in.	0	0	0.00K	0.00K
<a href="#">DUPONT</a>	CLINCH CO.	GA	03/02/2007	03:15	EST-5	Hail	0.88 in.	0	0	0.00K	0.00K
<a href="#">FARGO</a>	CLINCH CO.	GA	05/05/2007	19:12	EST-5	Hail	0.75 in.	0	0	0.00K	0.00K
<a href="#">FARGO</a>	CLINCH CO.	GA	07/21/2007	15:30	EST-5	Hail	0.75 in.	0	0	0.00K	0.00K
<a href="#">ARGYLE</a>	CLINCH CO.	GA	07/21/2007	20:03	EST-5	Hail	1.00 in.	0	0	0.00K	0.00K
<a href="#">MIDWAY</a>	CLINCH CO.	GA	07/21/2007	20:49	EST-5	Hail	0.88 in.	0	0	0.00K	0.00K
<a href="#">CUTTING</a>	CLINCH CO.	GA	08/18/2007	15:00	EST-5	Hail	0.88 in.	0	0	0.00K	0.00K
<a href="#">TRAVISVILLE</a>	CLINCH CO.	GA	05/21/2008	21:25	EST-5	Hail	1.00 in.	0	0	0.00K	0.00K
<a href="#">ARGYLE</a>	CLINCH CO.	GA	05/21/2008	22:05	EST-5	Hail	0.75 in.	0	0	0.00K	0.00K

<a href="#">TRAVISVILLE</a>	CLINCH CO.	GA	05/21/2008	22:05	EST-5	Hail	0.75 in.	0	0	0.00K	0.00K
<a href="#">DUPONT</a>	CLINCH CO.	GA	06/09/2008	20:50	EST-5	Hail	0.75 in.	0	0	0.00K	0.00K
<a href="#">HOMERVILLE</a>	CLINCH CO.	GA	06/15/2008	18:21	EST-5	Hail	0.75 in.	0	0	0.00K	0.00K
<a href="#">HOMERVILLE</a>	CLINCH CO.	GA	06/15/2008	18:25	EST-5	Hail	0.75 in.	0	0	0.00K	0.00K
<a href="#">COGDELL</a>	CLINCH CO.	GA	07/22/2008	17:25	EST-5	Hail	0.88 in.	0	0	0.00K	0.00K
<a href="#">COLON</a>	CLINCH CO.	GA	10/09/2008	10:43	EST-5	Hail	1.75 in.	0	0	0.00K	0.00K
<a href="#">ARGYLE</a>	CLINCH CO.	GA	10/09/2008	11:14	EST-5	Hail	0.75 in.	0	0	0.00K	0.00K
<a href="#">MIDWAY</a>	CLINCH CO.	GA	04/13/2009	15:17	EST-5	Hail	0.75 in.	0	0	0.00K	0.00K
<a href="#">FARGO</a>	CLINCH CO.	GA	06/17/2009	20:05	EST-5	Hail	1.75 in.	0	0	0.00K	0.00K
<a href="#">MIDWAY</a>	CLINCH CO.	GA	06/18/2009	05:48	EST-5	Hail	0.75 in.	0	0	0.00K	0.00K
<a href="#">HOMERVILLE</a>	CLINCH CO.	GA	06/27/2010	18:44	EST-5	Hail	1.00 in.	0	0	0.00K	0.00K
<a href="#">EDITH</a>	CLINCH CO.	GA	07/14/2010	16:35	EST-5	Hail	0.88 in.	0	0	0.00K	0.00K
<a href="#">HOMERVILLE</a>	CLINCH CO.	GA	05/22/2012	19:00	EST-5	Hail	0.75 in.	0	0	0.00K	0.00K
<a href="#">DUPONT</a>	CLINCH CO.	GA	08/13/2015	16:57	EST-5	Hail	0.88 in.	0	0	0.00K	0.00K
<b>Totals:</b>								0	0	0.00K	0.00K



### Critical Facilities -- 2019 Update

<b>Id</b>	<b>Name</b>	<b>Jurisdiction</b>	<b>Address</b>	<b>Facility Types</b>	<b>Risk</b>	<b>Occupancy</b>	<b>Area</b>	<b>Building Value</b>	<b>Contents Value</b>
19054	Argyle City Hall	Argyle town	6425 Main Street	Government, Private	Important	Government - General Services	200	\$ 20,416	\$ 17,600
24215	Argyle Fire Department	Argyle town	6427 Main St	Emergency Services, Fire Fighters	Lifeline	Government - Emergency Response	1200	\$ 125,000	\$ 200,000
5507	City of Argyle Water System	Argyle town	6427 Main St.	Government, Water/Sewer	Essential, Lifeline	Government - General Services	50	\$ 3,480,000	
24217	Tiny Tots Day Care	Argyle town	311 Lakeview Drive	Education, Day Care		Personal And Repair Services		\$ 257,900	
5672	Board Of Ed. Central Office	Clinch County	46 S College St.	Government, Government Offices	Important	Grade Schools and Admin. Offices	4061	\$ 1,856,000	\$ 1,000,000
5664	Clinch County Commission Office	Clinch County	22 Court Sq. St. B	Government, Government Offices	Important	Government - General Services	10000	\$ 1,020,800	\$ 880,000
5668	Clinch County Courthouse	Clinch County	25 Court Square	Government, Court House	Essential, Historic Consideration, Important	Government - General Services	8500	\$ 1,488,860	\$ 1,283,500
19069	Clinch County EMA Office	Clinch County	313 W Dame Ave, St F	Government, Government Offices	Essential, Lifeline	Government - Emergency Response	3250	\$ 331,760	\$ 286,000
5562	Clinch County Head Start	Clinch County	282 Carswell Street	Education, Day Care	Important, Vulnerable Population	Grade Schools and Admin. Offices	4000	\$ 1,856,000	\$ 1,000,000
5555	Clinch County High School (Shelter)	Clinch County	1 Panther Way	Education, K - 12	Essential	Grade Schools and Admin. Offices	95000	\$ 7,400,000	\$ 3,000,000
19058	Clinch County High School (Shelter)	Clinch County	1011 Carswell Street	Education, K - 12	Important, Special Consideration, Vulnerable Population	Grade Schools and Admin. Offices	95000	\$ 7,574,000	\$ 3,000,000
5662	Clinch County Sheriff's Office	Clinch County	115 Court Square	Law Enforcement, Sheriff	Lifeline	Government - Emergency Response	6000	\$ 452,400	\$ 390,000
19073	Clinch Health Dept.	Clinch County	285 Sweat Street	Government, Government Offices	Important, Vulnerable Population	Medical Office and Clinic	5000	\$ 6,496,000	\$ 560,000
5559	Clinch Memorial Hospital	Clinch County	1050 Valdosta Highway	Medical, Hospital	Hazardous Materials, Lifeline, Vulnerable Population	Hospital	48000	\$ 12,180,000	\$ 3,000,000

**Critical Facilities -- 2019 Update**

<b>Id</b>	<b>Name</b>	<b>Jurisdiction</b>	<b>Address</b>	<b>Facility Types</b>	<b>Risk</b>	<b>Occupancy</b>	<b>Area</b>	<b>Building Value</b>	<b>Contents Value</b>
5553	Fargo Charter School (Proposed Shelter)	Clinch County	80 City Hall Dr	Education, K - 12	Essential, Vulnerable Population	Grade Schools and Admin. Offices	15386	\$ 1,624,146	\$ 1,400,126
5552	GA Forestry Unit	Clinch County	41 1st Street	Government, Government Offices	Essential	Government - General Services	2500	\$ 377,000	\$ 487,500
5671	Georgia Forestry Office	Clinch County	1277 Pearson Hwy	Government, Government Offices	Essential, Important	Government - General Services	2500	\$ 3,777,000	\$ 750,000
19063	Homerville Area Radio Repeater	Clinch County	359 Thelma Hwy	Government, Communications	Lifeline	Government - Emergency Response	200	\$ 69,600	
19061	Homerville Ind. Pk. WPCP	Clinch County	Reddick Road	Government, Water/Sewer	Lifeline	Government - General Services	12500	\$ 1,740,000	
5561	Homerville WPCP	Clinch County	200 W. Dame Ave.	Government, Water/Sewer	Essential	Government - General Services		\$ 3,000,000	
5554	Homerville-Clinch County Fire Department	Clinch County	91 W Dame Ave	Emergency Services, Fire Fighters	Essential	Government - Emergency Response	1500	\$ 195,000	\$ 405,000
19068	River Brook Health Care	Clinch County	390 Sweat Street	Medical, Clinics	Important, Vulnerable Population	Medical Office and Clinic	23500	\$ 2,426,140	\$ 1,045,750
5665	Unison Behavioral Health	Clinch County	551 Old Pearson Rd.	Medical, Clinics	Important, Vulnerable Population	Medical Office and Clinic	7500	\$ 765,600	\$ 660,000
30225	Area Repeater	Du Pont town	Hwy 84	Government, Communications	Essential, Lifeline	Government - Emergency Response		\$ 50,000	
5511	City of Dupont Water System, Well & Tank	Du Pont town	N Gibbs St	Government, Water/Sewer	Essential, Lifeline	Government - General Services	690	\$ 3,483,000	
31618	Du Pont Post Office	Du Pont town	8402 Valdosta Hwy	Government,	Important	Government - General Services		\$ 109,800	
5510	Dupont City Hall	Du Pont town	81 Nichols St	Government, Government Offices	Important	Government - General Services	1200	\$ 111,936	\$ 105,600
5509	Dupont Volunteer Fire Department	Du Pont town	Gibbs Street	Emergency Services, Fire Fighters	Essential	Government - Emergency Response	1200	\$ 171,600	\$ 234,000

**Critical Facilities -- 2019 Update**

<b>Id</b>	<b>Name</b>	<b>Jurisdiction</b>	<b>Address</b>	<b>Facility Types</b>	<b>Risk</b>	<b>Occupancy</b>	<b>Area</b>	<b>Building Value</b>	<b>Contents Value</b>
30223	Area Repeater	Fargo city	27265 Fargo Highway	Government, Communications	Essential	Government - Emergency Response		\$ 69,600	
19055	City of Fargo Tank #2	Fargo city	Griffis Road	Government, Water/Sewer	Essential, Important	Government - General Services	700	\$ 870,000	
19056	City of Fargo Water System Well & Tank #1	Fargo city	U.S. Hwy 441	Government, Water/Sewer	Essential	Government - General Services	700	\$ 3,480,000	
5549	Fargo City Hall	Fargo city	City Hall Dr.	Government, Government Offices	Important	Government - General Services		\$ 663,320	\$ 105,600
19052	Fargo Post Office	Fargo city	700 U.S. Hwy 441	Government, Government Offices	Important	Government - General Services	1200	\$ 122,496	\$ 105,600
5550	Fargo Volunteer Fire Dept.	Fargo city	10 Suwanee Dr	Emergency Services, Fire Fighters	Essential, Lifeline	Government - Emergency Response	1500	\$ 226,200	\$ 292,500
30219	Kids Corner	Fargo city	51 Church Street	Education, Day Care	Important, Vulnerable Population	Personal And Repair Services		\$ 100,000	
30221	Suwanee River Eco Lodge	Fargo city	400 Eco Lodge Dr.	Government, Government Offices	Economic Assets, High Potential Loss	Government - General Services		\$ 2,386,100	
30220	Suwanee River Visitors Center	Fargo city	125 Suwanee River Drive	Government, Government Offices	Economic Assets	Government - General Services		\$ 2,386,100	
30224	Area Repeater	Homerville city	27265 Fargo Highway	Government, Communications	Essential, Lifeline	Government - Emergency Response		\$ 50,000	
5557	Clinch County Elementary School (Shelter)	Homerville city	575 Woodlake Dr.	Education, K - 12	Essential, Vulnerable Population	Grade Schools and Admin. Offices	97600	\$ 8,000,000	\$ 2,000,000
30226	Clinch County Magistrate/Probate	Homerville city	110 Court Square	Government, Government Offices	Important	Government - General Services		\$ 250,000	
19060	Clinch County Public Library	Homerville city	478 W Dame Avenue	NGO, Library	Important	Churches and Non-Profit Organizations	5100	\$ 538,356	\$ 696,150

**Critical Facilities -- 2019 Update**

<b>Id</b>	<b>Name</b>	<b>Jurisdiction</b>	<b>Address</b>	<b>Facility Types</b>	<b>Risk</b>	<b>Occupancy</b>	<b>Area</b>	<b>Building Value</b>	<b>Contents Value</b>
19070	Clinch County Senior Center	Homerville city	313 W Dame Ave, St C	Government, Government Offices	Important, Vulnerable Population	Entertainment & Recreation	3250	\$ 331,760	\$ 286,000
19064	First Baptist Church (Shelter)	Homerville city	534 S. Church	NGO, Private	Important, Vulnerable Population	Churches and Non-Profit Organizations	15000	\$ 1,966,200	\$ 1,695,000
5556	Homerville Airport	Homerville city	20 S College Street	Government, Transportation	Important, Transportation	Government - General Services	50000	\$ 870,000	\$ 750,000
5659	Homerville City Hall/ Municipal Complex	Homerville city	20 S College Street	Government, Government Offices	Important	Government - General Services	25000	\$ 2,552,000	
5660	Homerville Police Dept.	Homerville city	20 S College Street	Law Enforcement, Police	Essential, Lifeline	Government - Emergency Response	1500	\$ 153,120	\$ 132,000
19071	Homerville Post Office	Homerville city	211 East Dame	Government, Government Offices	Important	Government - General Services	1200	\$ 122,496	\$ 105,600
19065	Homerville Water System Well & Tank #1	Homerville city	Hwy 84	Government, Water/Sewer	Lifeline	Government - General Services	700	\$ 11,600,000	
19066	Homerville Water System Well & Tank #2	Homerville city	Forest Avenue	Government, Water/Sewer	Lifeline	Government - General Services	676	\$ 870,000	
19067	Homerville Water System Well & Tank #3	Homerville city	Reddick Street	Government, Water/Sewer	Lifeline	Government - General Services	675	\$ 870,000	
19057	Homerville-Clinch County FD	Homerville city	Dame Ave	Emergency Services, Fire Fighters	Essential, Important	Government - Emergency Response	1500	\$ 226,200	\$ 405,000

# **Appendix G**



Hazard Risk Analyses  
Supplement to the Clinch County  
Joint Hazard Mitigation Plan



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# Introduction

The Federal Disaster Mitigation Act of 2000 (DMA2K) requires state, local, and tribal governments to develop and maintain a mitigation plan to be eligible for certain federal disaster assistance and hazard mitigation funding programs.

Mitigation seeks to reduce a hazard's impacts, which may include loss of life, property damage, disruption to local and regional economies, and the expenditure of public and private funds for recovery. Sound mitigation must be based on a sound risk assessment that quantifies the potential losses of a disaster by assessing the vulnerability of buildings, infrastructure, and people.

In recognition of the importance of planning in mitigation activities, FEMA Hazus-MH, a powerful disaster risk assessment tool based on geographic information systems (GIS). This tool enables communities of all sizes to predict estimated losses from floods, hurricanes, earthquakes, and other related phenomena and to measure the impact of various mitigation practices that might help reduce those losses.

In 2019, the Georgia Department of Emergency Management partnered with The Southern Georgia Regional Commission (SGRC) to develop a detailed risk assessment focused on defining hurricane, riverine flood and tornado impacts for Georgia. This assessment identifies the characteristics and potential consequences of the disaster, how much of the community could be affected by the disaster, and the impact on community assets. In the following years, the Georgia Association of Regional Commissions (GARC) are utilizing this workflow to define impacts in other counties in Georgia. This document provides the results for Clinch County.

## Risk Assessment Process Overview

Hazus-MH Version 2.2 SP1 was used to perform the analyses for Clinch County. The Hazus-MH application includes default data for every county in the US. This Hazus-MH data was derived from a variety of national sources and in some cases the data are also several years old. Whenever possible, using local provided data is preferred. Clinch County provided building inventory information from the county's property tax assessment system. This section describes the changes made to the default Hazus-MH inventory and the modeling parameters used for each scenario.

## County Inventory Changes

The default Hazus-MH site-specific point inventory was updated using data compiled from the Georgia Emergency Management Agency (GEMA). The default Hazus-MH aggregate inventory (General Building Stock) was also updated prior to running the scenarios. Reported losses reflect the updated data sets.

## General Building Stock Updates

General Building Stock (GBS) is an inventory category that consists of aggregated data (grouped by census geography — tract or block). Hazus-MH generates a combination of site-specific and aggregated loss estimates based on the given analysis and user input.

The GBS records for Clinch County were replaced with data derived from parcel and property assessment data obtained from Clinch County. The county provided property assessment data was current as of February 2019 and the parcel data current as of February 2019. Records without improvements were deleted. The parcel boundaries were converted to parcel points located in the centroids of each parcel boundary; then, each parcel point was linked to an assessor record based upon matching parcel numbers. The parcel assessor match-rate for Clinch County is 98.8%. The

generated building inventory represents the approximate locations (within a parcel) of structures. The building inventory was aggregated by census block. Both the tract and block tables were updated. Table 1 shows the results of the changes to the GBS tables by occupancy class.

Table 1: GBS Building Exposure Updates by Occupancy Class\*

Occupancy Classification	Default Count	Updated Count	Default Exposure	Updated Exposure
Agricultural	19	0	\$ 14,609,000	\$ -
Commercial	140	253	\$ 92,149,000	\$ 107,382,000
Education	13	31	\$ 7,737,000	\$ 33,067,000
Government	12	28	\$ 12,065,000	\$ 15,271,000
Industrial	29	63	\$ 22,796,000	\$ 151,649,000
Religious	18	67	\$ 10,422,000	\$ 34,492,000
Residential	2840	2684	\$ 435,759,000	\$ 308,880,000
<b>Total</b>	<b>3071</b>	<b>3126</b>	<b>\$ 595,537,000</b>	<b>\$ 650,741,000</b>

\*The exposure values represent the total number and replacement cost for all Clinch County Buildings

For Clinch County, the updated GBS was used to calculate hurricane wind losses. The flood losses and tornado losses were calculated from building inventory modeled in Hazus-MH as User-Defined Facility (UDF)<sup>1</sup>, or site-specific points. Figure 1 shows the distribution of buildings as points based on the county provided data.

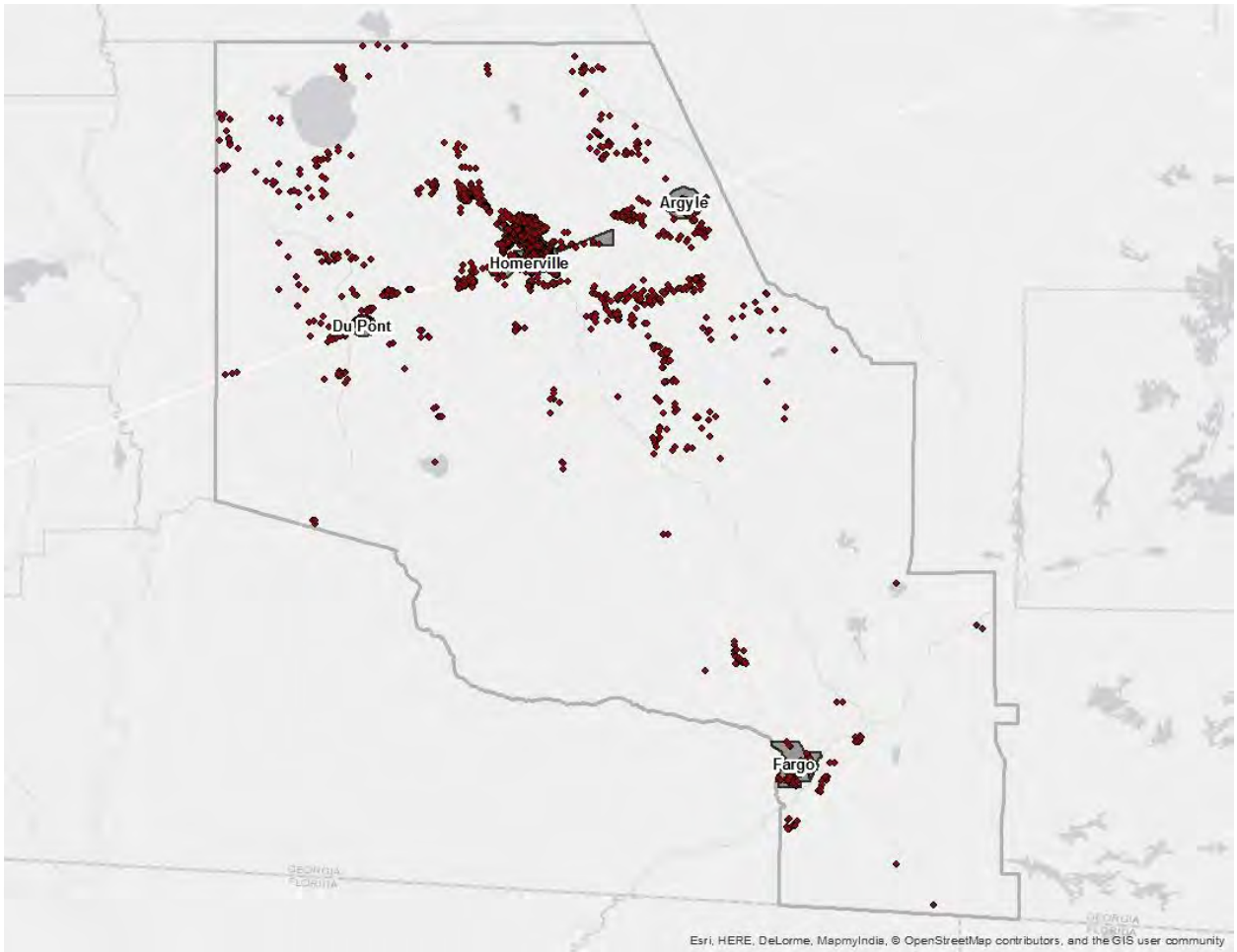


Figure 1: Clinch County Overview

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<sup>1</sup> The UDF inventory category in Hazus-MH allows the user to enter site-specific data in place of GBS data.

## Essential Facility Updates

The default Hazus-MH essential facility data was updated to reflect improved information available in the Georgia Mitigation Information System (GMIS). For these risk analyses, only GMIS data for buildings that Hazus-MH classified as Essential Facilities was integrated into Hazus-MH because the application provides specialized reports for these five types of facilities. Essential Facility inventory was updated for the analysis conducted for this report. The following table summarizes the counts and exposures, where available, by Essential Facility classification of the updated data for the county.

### Essential facilities include:

- Care facilities
- EOCs
- Fire stations
- Police stations
- Schools

Table 2: Updated Essential Facilities

Classification	Updated Count	Updated Exposure
Clinch County		
EOC	1	\$ 880,000
Care	3	\$ 21,102,000
Fire	4	\$ 748,000
Police	2	\$ 605,000
School	5	\$ 17,550,000
<b>Total</b>	<b>15</b>	<b>\$ 40,885,000</b>

Classification	Updated Count	Updated Exposure
Argyle		
EOC	0	\$ -
Care	0	\$ -
Fire	1	\$ 125,000
Police	0	\$ -
School	0	\$ -
<b>Total</b>	<b>1</b>	<b>\$ 125,000</b>

Classification	Updated Count	Updated Exposure
Du Pont		
EOC	0	\$ -
Care	0	\$ -
Fire	1	\$ 171,000
Police	0	\$ -
School	0	\$ -
<b>Total</b>	<b>1</b>	<b>\$ 171,000</b>

Classification	Updated Count	Updated Exposure
Fargo		
EOC	0	\$ -
Care	0	\$ -
Fire	1	\$ 226,000
Police	0	\$ -
School	1	\$ 1,624,000
<b>Total</b>	<b>2</b>	<b>\$ 1,850,000</b>

Classification	Updated Count	Updated Exposure
Homerville		
EOC	1	\$ 880,000
Care	3	\$ 21,102,000
Fire	1	\$ 226,000
Police	2	\$ 605,000
School	2	\$ 3,712,000
<b>Total</b>	<b>9</b>	<b>\$ 26,525,000</b>

# Assumptions and Exceptions

Hazus-MH loss estimates may be impacted by certain assumptions and process variances made in this risk assessment.

- The Clinch County analysis used Hazus-MH Version 2.2 SP1, which was released by FEMA in May 2015.
- County provided parcel and property assessment data may not fully reflect all buildings in the county. For example, some counties do not report not-for-profit buildings such as government buildings, schools and churches in their property assessment data. This data was used to update the General Building Stock as well as the User Defined Facilities applied in this risk assessment.
- GBS updates from assessor data will skew loss calculations. The following attributes were defaulted or calculated:
  - Foundation Type was set from Occupancy Class
  - First Floor Height was set from Foundation Type
  - Content Cost was calculated from Replacement Cost
- It is assumed that the buildings are located at the centroid of the parcel unless building footprints are used. For this analysis of Clinch County, **parcel centroids** were used.
- The essential facilities extracted from the GMIS were only used in the portion of the analysis designated as essential facility damage. They were not used in the update of the General Building Stock or the User Defined Facility inventory.

The hazard models included in this risk assessment included:

- Hurricane assessment which was comprised of a wind only damage assessment
- Flood assessment based on the 1% annual chance event that includes riverine assessments
- Tornado assessment based on GIS modeling

# Hurricane Risk Assessment

## Hazard Definition

The National Hurricane Center describes a hurricane as a tropical cyclone in which the maximum sustained wind is, at minimum, 74 miles per hour (mph)<sup>2</sup>. The term hurricane is used for Northern Hemisphere tropical cyclones east of the International Dateline to the Greenwich Meridian. The term typhoon is used for Pacific tropical cyclones north of the Equator west of the International Dateline. Hurricanes in the Atlantic Ocean, Gulf of Mexico, and Caribbean form between June and November with the peak of hurricane season occurring in the middle of September. Figure 2 shows that many hurricanes have impacted the Atlantic and Gulf coasts of the United States.

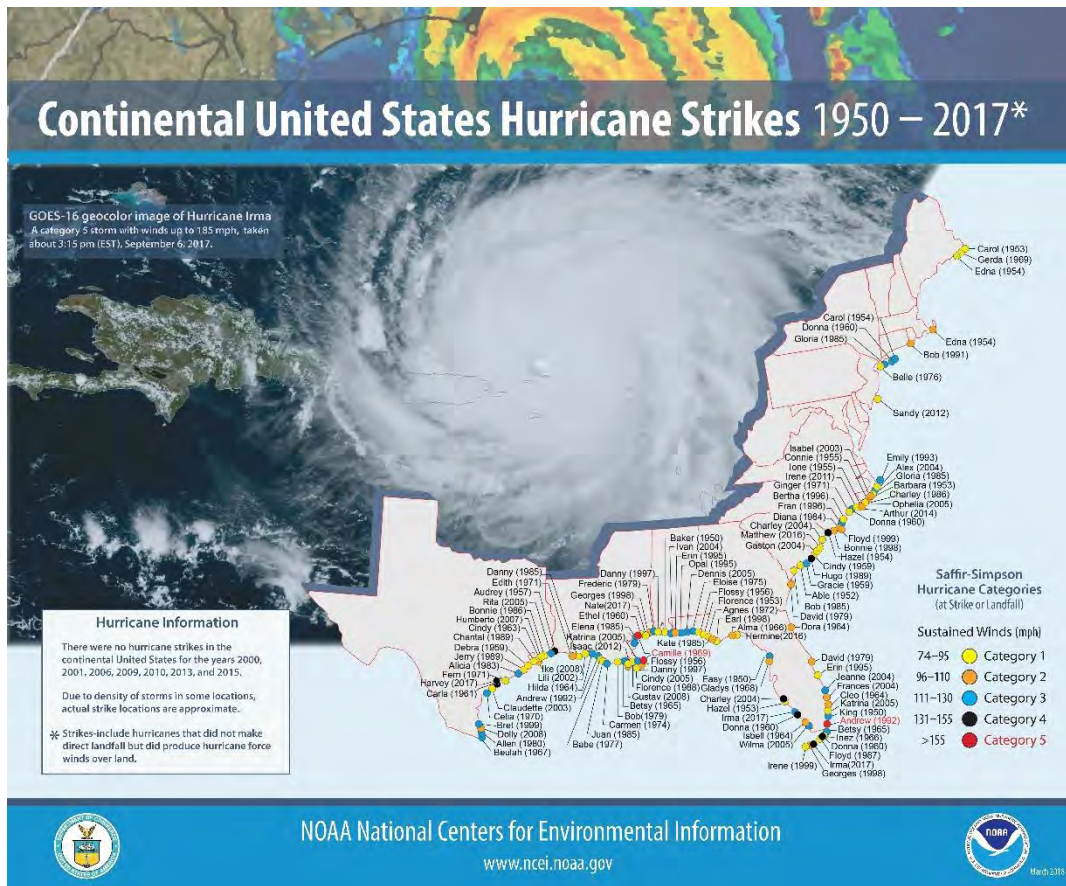


Figure 2: Continental United States Hurricane Strikes: 1950 to 2017<sup>3</sup>  
Hurricane intensities are measured using the Saffir-Simpson Hurricane Wind Scale (Table 3). This scale is a 1 to 5 categorization based on the hurricane's intensity at the indicated time.

<sup>2</sup> National Hurricane Center (2011). "Glossary of NHC Terms." National Oceanic and Atmospheric Administration. <http://www.nhc.noaa.gov/aboutgloss.shtml#h>. Retrieved 2-23-2012.

<sup>3</sup> Source: NOAA National Climatic Data Center

Table 3: Saffir-Simpson Hurricane Wind Scale

Category	Wind Speed (mph)	Damage
1	74 – 95	Very dangerous winds will produce some damage
2	96 – 110	Extremely dangerous winds will cause extensive damage
3	111 - 130	Devastating damage will occur
4	131 -155	Catastrophic damage will occur
5	> 155	Catastrophic damage will occur

Hurricanes bring a complex set of impacts. The winds from a hurricane produce a rise in the water level at landfall called storm surge. Storm surges produce coastal flooding effects that can be as damaging as the hurricane’s winds. Hurricanes bring very intense inland riverine flooding. Hurricanes can also produce tornadoes that can add to the wind damages inland. In this risk assessment, only hurricane winds, and coastal storm surge are considered.

The National Oceanic and Atmospheric Administration’s National Hurricane Center created the HURDAT database, which contains all of the tracks of tropical systems since the mid-1800s. This database was used to document the number of tropical systems that have affected Clinch County by creating a 20-mile buffer around the county to include storms that didn’t make direct landfall in Clinch County but impacted the county. Since 1851, Clinch County has had 84 tropical systems within 20 miles of its county borders (Table 4).



Table 4: Tropical Systems affecting Clinch County

Year	Month	Day	Name	Wind (Knots)	Category	Year	Month	Day	Name	Wind (Knots)	Category
1852	October	10	NOTNAMED	80	H1	1926	7	29	NOTNAMED	50	TS
1868	October	4	NOTNAMED	50	TS	1935	9	5	NOTNAMED	60	TS
1868	October	5	NOTNAMED	40	TS	1938	10	24	NOTNAMED	40	TS
1871	August	18	NOTNAMED	60	TS	1946	10	8	NOTNAMED	40	TS
1871	August	18	NOTNAMED	60	TS	1946	10	8	NOTNAMED	35	TS
1871	August	23	NOTNAMED	50	TS	1947	9	24	NOTNAMED	50	TS
1871	October	5	NOTNAMED	50	TS	1947	10	7	NOTNAMED	40	TS
1871	October	6	NOTNAMED	40	TS	1947	10	7	NOTNAMED	35	TS
1871	October	6	NOTNAMED	40	TS	1947	10	8	NOTNAMED	25	TD
1873	June	2	NOTNAMED	40	TS	1947	10	8	NOTNAMED	25	TD
1873	September	19	NOTNAMED	60	TS	1949	8	28	NOTNAMED	50	TS
1877	September	20	NOTNAMED	40	TS	1950	9	7	EASY	40	TS
1877	September	20	NOTNAMED	40	TS	1950	9	7	EASY	35	TS
1878	October	11	NOTNAMED	40	TS	1950	10	19	KING	35	TS
1880	September	8	NOTNAMED	40	TS	1953	9	20	NOTNAMED	40	TS
1882	October	11	NOTNAMED	60	TS	1953	9	27	FLORENCE	50	E
1882	October	11	NOTNAMED	50	TS	1957	6	9	NOTNAMED	35	TS
1885	August	31	NOTNAMED	40	TS	1960	7	29	BRENDA	30	TD
1885	September	21	NOTNAMED	50	TS	1960	7	29	BRENDA	30	TD
1885	September	21	NOTNAMED	40	TS	1964	10	5	HILDA	35	E
1885	October	12	NOTNAMED	50	TS	1966	6	10	ALMA	60	TS
1888	September	9	NOTNAMED	45	TS	1966	6	10	ALMA	55	TS
1893	June	16	NOTNAMED	50	TS	1970	5	25	ALMA	25	TD
1896	September	29	NOTNAMED	100	H3	1970	5	25	ALMA	25	TD
1902	June	15	NOTNAMED	45	TS	1972	5	28	ALPHA	30	SD
1902	June	15	NOTNAMED	40	TS	1976	5	23	SUBTROP1	40	SS
1907	June	29	NOTNAMED	45	TS	1987	8	16	NOTNAMED	15	TD
1907	September	29	NOTNAMED	40	TS	1987	8	16	NOTNAMED	10	TD
1911	August	5	NOTNAMED	20	TD	1987	8	17	NOTNAMED	10	TD
1911	August	5	NOTNAMED	20	TD	1990	10	12	MARCO	30	TD
1912	July	15	NOTNAMED	40	TS	1990	10	12	MARCO	20	TD
1912	July	16	NOTNAMED	40	TS	1995	6	5	ALLISON	45	TS
1912	September	6	NOTNAMED	25	TD	1996	10	8	JOSEPHINE	60	TS
1914	September	17	NOTNAMED	60	TS	1996	10	8	JOSEPHINE	45	E
1914	September	17	NOTNAMED	40	TS	1998	10	1	GEORGES	25	TD
1916	October	4	NOTNAMED	50	TS	2000	9	18	GORDON	40	TS
1919	October	1	NOTNAMED	35	TS	2000	9	18	GORDON	30	TD
1924	September	16	NOTNAMED	45	TS	2004	8	12	BONNIE	30	TD
1924	September	16	NOTNAMED	40	TS	2005	10	6	TAMMY	45	TS
1924	September	29	NOTNAMED	55	TS	2005	10	6	TAMMY	35	TS
1924	September	30	NOTNAMED	55	E	2006	6	13	ALBERTO	35	TS
1926	July	28	NOTNAMED	60	TS	2006	6	14	ALBERTO	35	TS

Category Definitions:

TS – Tropical storm

TD – Tropical depression

CAT\_1 – Category 1 (same format for 2, 3, 4 and 5)

E – Extra-tropical cyclone

# Probabilistic Hurricane Scenario

The following probabilistic wind damage risk assessment modeled a Category 1 storm with maximum winds of 81 mph.

## Wind Damage Assessment

Wind losses were determined from probabilistic models run for the Category 1 storm which equates to the 1% chance storm event. Figure 3 shows wind speeds for the modeled hurricane.

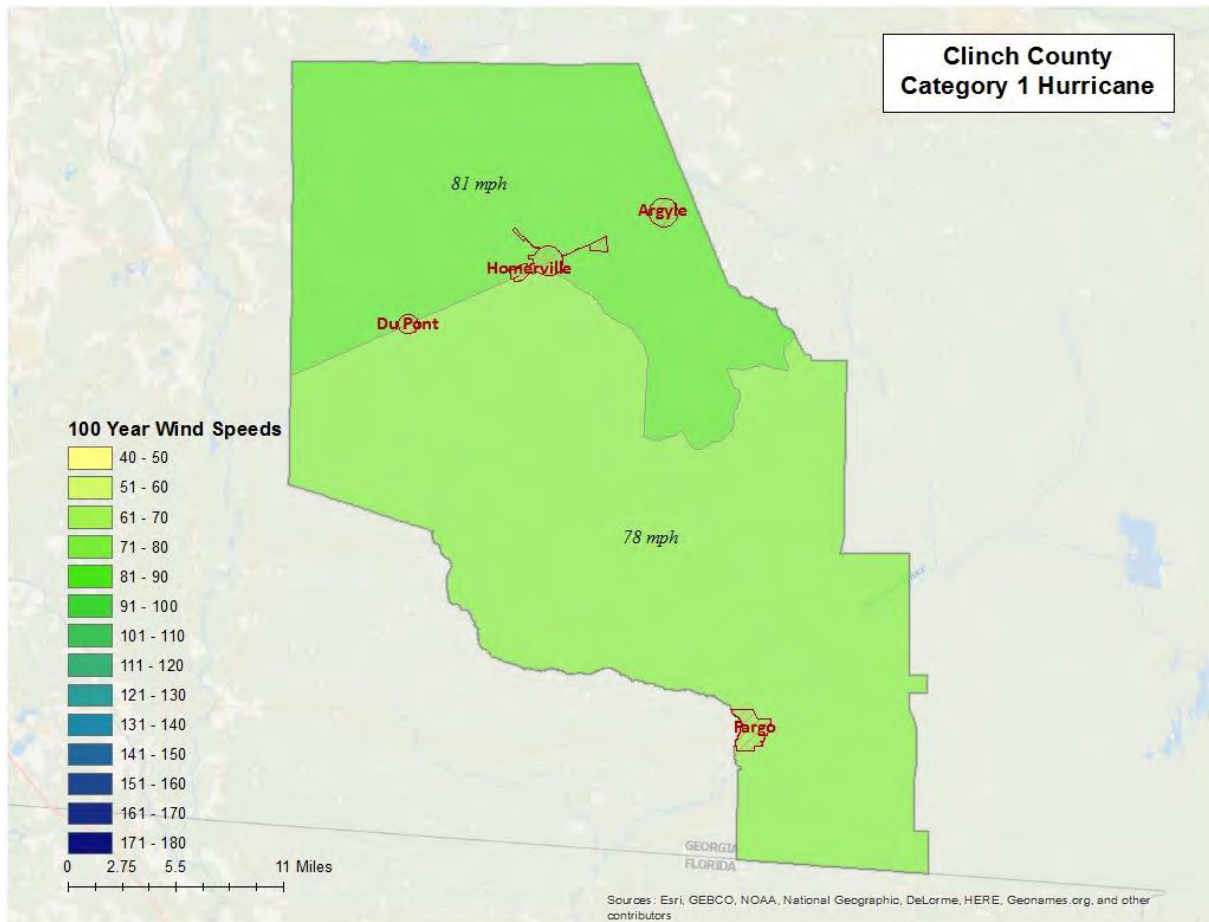


Figure 3: Wind Speeds by Storm Category

## Wind-Related Building Damages

Buildings in Clinch County are vulnerable to storm events, and the cost to rebuild may have significant consequences to the community. The following table shows a summary of the results of wind-related building damage in Clinch County for the Category 1 (100 Year Event) storm. The loss ratio expresses building losses as a percentage of total building replacement cost in the county. Figure 4 illustrates the building loss ratios of the modeled Category 1 storm.

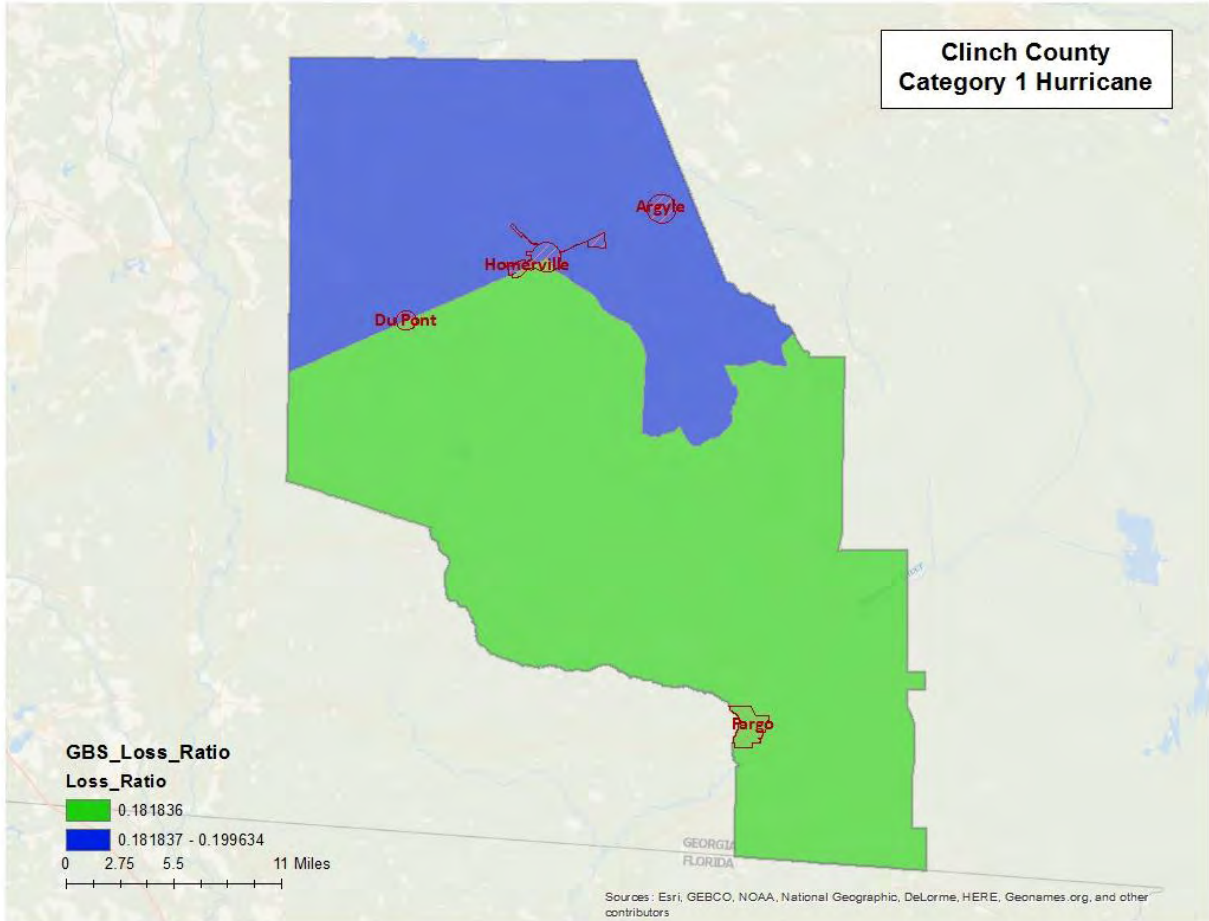


Figure 4: Hurricane Wind GBS Loss Ratios

Table 5 shows the Hurricane Wind Building Damage results including the number of buildings damaged, total building damage, and economic loss.

Table 5: Hurricane Wind Building Damage

Storm Classification	Number of Damaged Buildings	Building Damages	Total Economic Loss	Loss Ratio
Category 1	42	\$ 1,276,250	\$ 1,748,900	0.2

## Essential Facility Losses

Essential facilities are also vulnerable to storm events, and the potential loss of functionality may have significant consequences to the community. Hazus-MH identified the essential facilities that may be moderately or severely damaged by winds. The results are compiled in Table 6.

There are 15 essential facilities in Clinch County.

Classification	Number
EOC	1
Care	3
Fire	4
Police	2
School	5
<b>Total</b>	<b>15</b>

Table 6: Wind-Damaged Essential Facility Losses

Storm Classification	Facilities Moderately Damaged (>50%)	Facilities Completely Damaged (>50%)	Facilities with expected loss (<1day)
Category 1	0	0	15

## Shelter Requirements

Hazus-MH estimates the number of households evacuated from buildings with severe damage from high velocity winds as well as the number of people who will require short-term sheltering. The results are listed in Table 7 and mapped in Figure 5.

Table 7: Displaced Households and People

Storm Classification	# of Displaced Households	# of People Needing Short-Term Shelter
Category 1	0	0

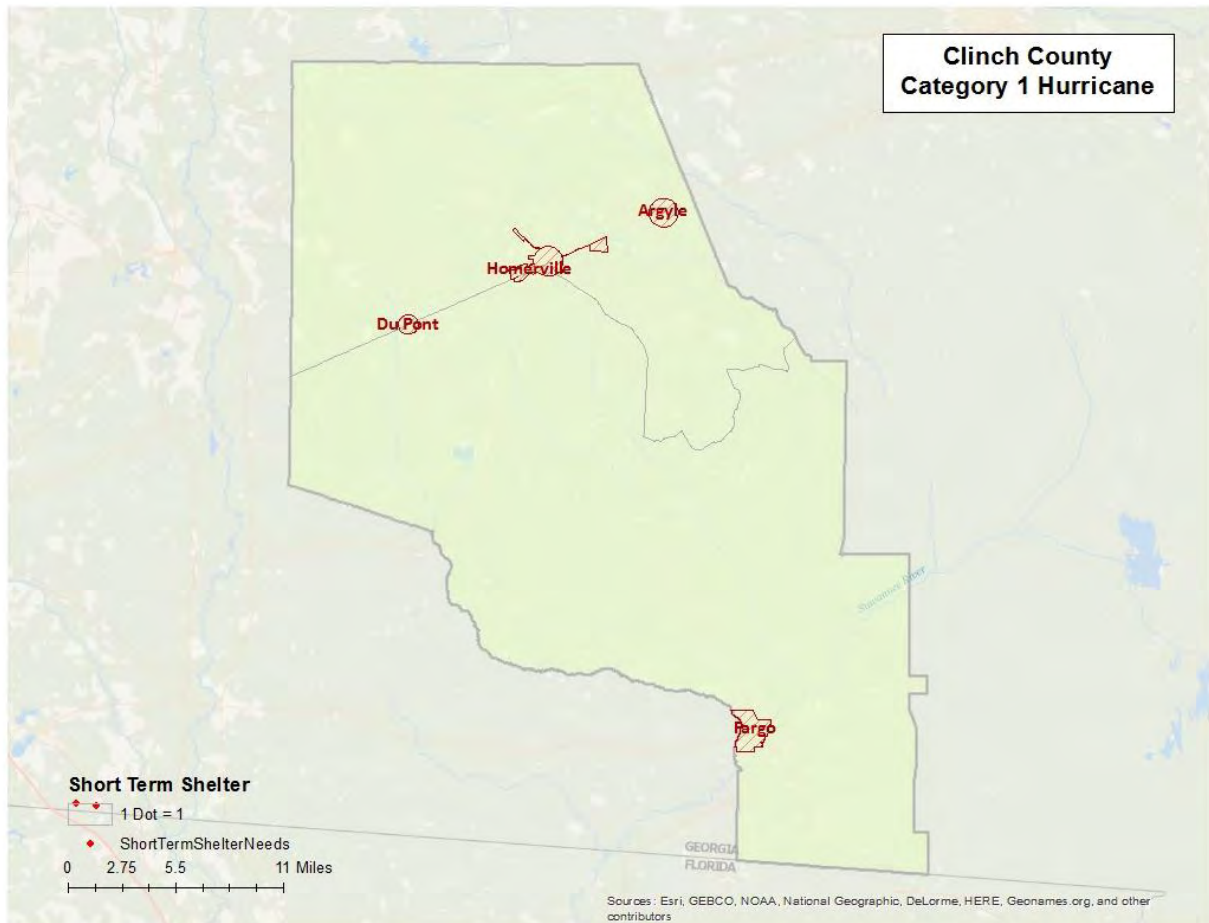


Figure 5: Hurricane Wind Shelter Requirements

## Debris Generated from Hurricane Wind

Hazus-MH estimates the amount of debris that will be generated by high velocity hurricane winds and quantifies it into three broad categories to determine the material handling equipment needed:

- Reinforced Concrete and Steel Debris
- Brick and Wood and Other Building Debris
- Tree Debris

Different material handling equipment is required for each category of debris. The estimates of debris for this scenario are listed in Table 8. The amount of hurricane wind related tree debris that is estimated to require pick up at the public's expense is listed in the eligible tree debris column.

Table 8: Wind-Related Debris Weight (Tons)

Storm Classification	Brick, Wood, and Other	Reinforced Concrete/Steel	Tree Debris	Other Tree Debris	Total
Category 1	133	-	4,855	129,445	134,433

Figure 6 shows the distribution of all wind related debris resulting from a Category 1 hurricane. Each dot represents 20 tons of debris within the census tract in which it is located. The dots are randomly distributed within each census tract and therefore do not represent the specific location of debris sites.

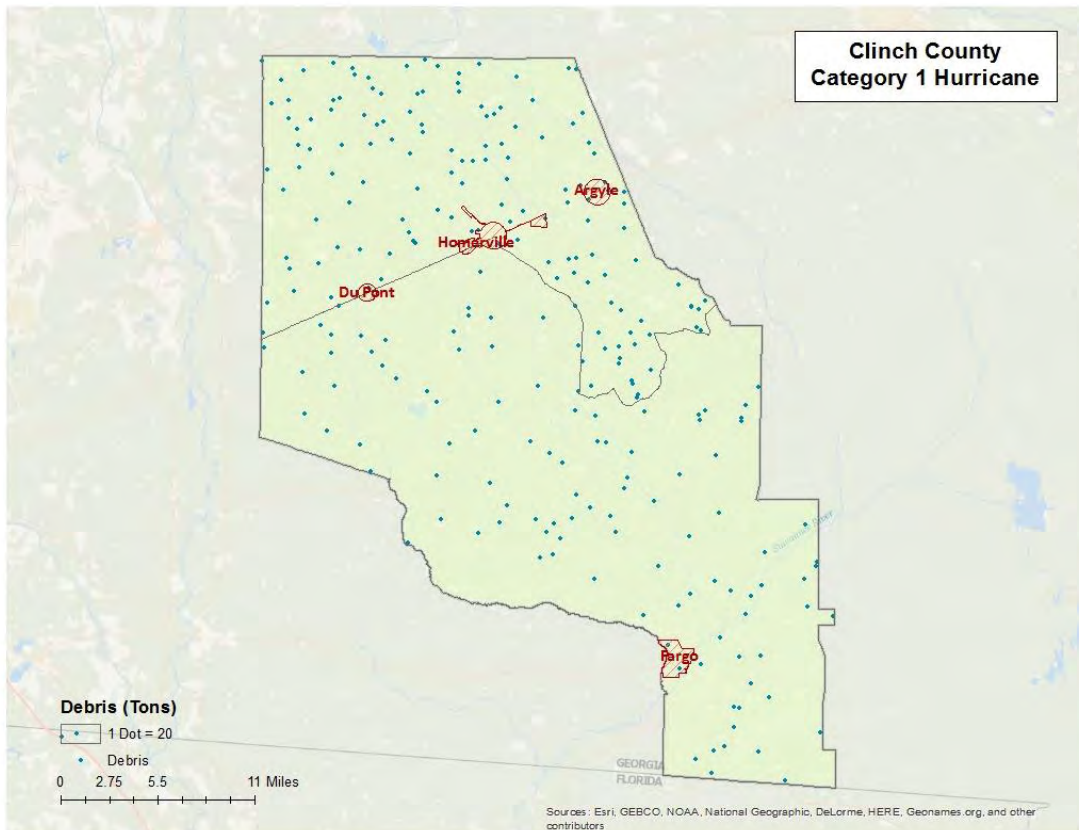


Figure 6: Wind-Related Debris Weight (Tons)



# Flood Risk Assessment

## Hazard Definition

Flooding is a significant natural hazard throughout the United States. The type, magnitude, and severity of flooding are functions of the amount and distribution of precipitation over a given area, the rate at which precipitation infiltrates the ground, the geometry and hydrology of the catchment, and flow dynamics and conditions in and along the river channel. Floods can be classified as one of three types: upstream floods, downstream floods, or coastal floods.

Upstream floods, also called flash floods, occur in the upper parts of drainage basins and are generally characterized by periods of intense rainfall over a short duration. These floods arise with very little warning and often result in locally intense damage, and sometimes loss of life, due to the high energy of the flowing water. Flood waters can snap trees, topple buildings, and easily move large boulders or other structures. Six inches of rushing water can upend a person; another 18 inches might carry off a car. Generally, upstream floods cause damage over relatively localized areas, but they can be quite severe in the local areas in which they occur. Urban flooding is a type of upstream flood. Urban flooding involves the overflow of storm drain systems and can be the result of inadequate drainage combined with heavy rainfall or rapid snowmelt. Upstream or flash floods can occur at any time of the year in Georgia, but they are most common in the spring and summer months.

Downstream floods, also called riverine floods, refer to floods on large rivers at locations with large upstream catchments. Downstream floods are typically associated with precipitation events that are of relatively long duration and occur over large areas. Flooding on small tributary streams may be limited, but the contribution of increased runoff may result in a large flood downstream. The lag time between precipitation and time of the flood peak is much longer for downstream floods than for upstream floods, generally providing ample warning for people to move to safe locations and, to some extent, secure some property against damage.

Coastal floods occurring on the Atlantic and Gulf coasts may be related to hurricanes or other combined offshore, nearshore, and shoreline processes. The effects of these complex interrelationships vary significantly across coastal settings, leading to challenges in the determination of the base (1-percent-annual-chance) flood for hazard mapping purposes. Land area covered by floodwaters of the base flood is identified as a Special Flood Hazard Area (SFHA). The Clinch County flood risk assessment analyzed at risk structures in the SFHA.

The SFHA is the area where the National Flood Insurance Program's (NFIP) floodplain management regulations must be enforced and the area where the mandatory purchase of flood insurance applies. The owner of a structure in a high-risk area must carry flood insurance, if the owner carries a mortgage from a federally regulated or insured lender or servicer.

The following probabilistic risk assessment involves an analysis of a 1% annual chance riverine flood event.

## Riverine 1% Flood Scenario

Riverine losses were determined from the 1% flood boundaries downloaded from the FEMA Flood Map Service Center in February 2019. The flood boundaries were overlaid with the USGS 10 meter DEM using the Hazus-MH Enhanced Quick Look tool to generate riverine depth grids. The riverine flood depth grid was then imported into Hazus-MH to calculate the riverine flood loss estimates. Figure 7 illustrates the riverine inundation boundary associated with the 1% annual chance. Please note that the riverine flooding may not take into account elevated housing or raised Base Flood Elevation.

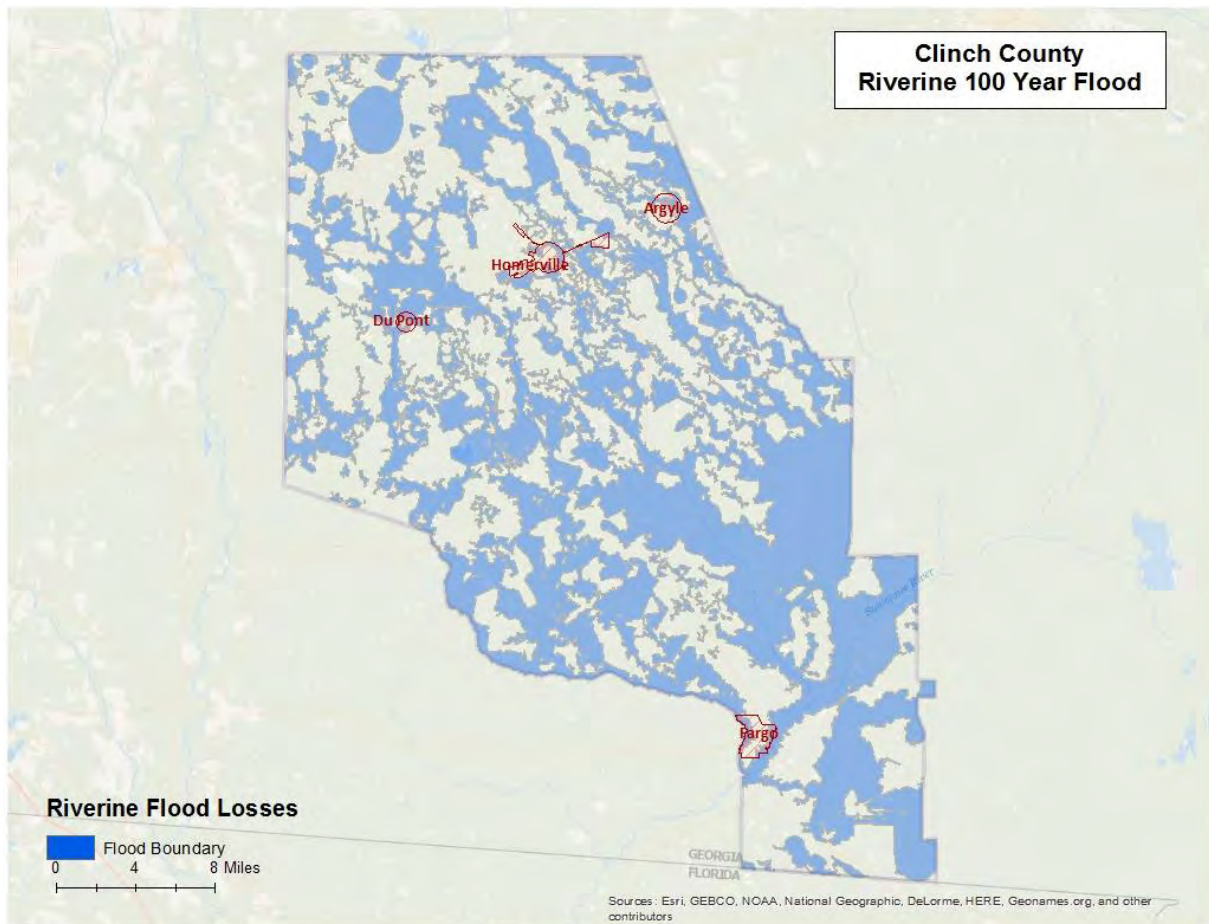


Figure 7: Riverine 1% Flood Inundation

## Riverine 1% Flood Building Damages

Buildings in Clinch County are vulnerable to flooding from events equivalent to the 1% riverine flood. The economic and social impacts from a flood of this magnitude can be significant. Table 9 provides a summary of the potential flood-related building damage in Clinch County by jurisdiction that might be experienced from the 1% flood. Figure 8 maps the potential loss ratios of total building exposure to losses sustained to buildings from the 1% flood by 2010 census block and Figure 9 illustrates the relationship of building locations to the 1% flood inundation boundary.

Table 9: Clinch County Riverine 1% Building Losses

Occupancy Classification	Total Buildings	Total Buildings Damaged	Total Building Exposure	Total Losses to Buildings	Loss Ratio of Exposed to Damaged
<b>Argyle</b>					
Residential	87	1	\$ 9,322,027	\$ 92,647	0.99%
<b>Du Pont</b>					
Residential	70	20	\$ 6,148,006	\$ 138,636	2.25%
<b>Fargo</b>					
Residential	143	7	\$ 17,023,884	\$ 358,755	2.11%
Religious	10	2	\$ 5,541,190	\$ 42,605	0.77%
Commercial	18	4	\$ 6,611,318	\$ 496,476	7.51%
<b>Homerville</b>					
Commercial	146	8	\$ 68,088,623	\$ 18,038	0.03%
Industrial	41	4	\$ 135,403,072	\$ 11,689	0.01%
Residential	862	93	\$ 100,368,464	\$ 734,096	0.73%
Religious	23	4	\$ 10,747,362	\$ 30,178	0.28%
<b>Unincorporated</b>					
Commercial	79	13	\$ 30,543,778	\$ 11,555	0.04%
Industrial	17	2	\$ 15,777,451	\$ 4,389	0.03%
Residential	1,522	163	\$ 176,023,887	\$ 1,217,924	0.69%
<b>County Total</b>					
Total	3,018	321	\$ 581,599,062	\$ 3,156,988	



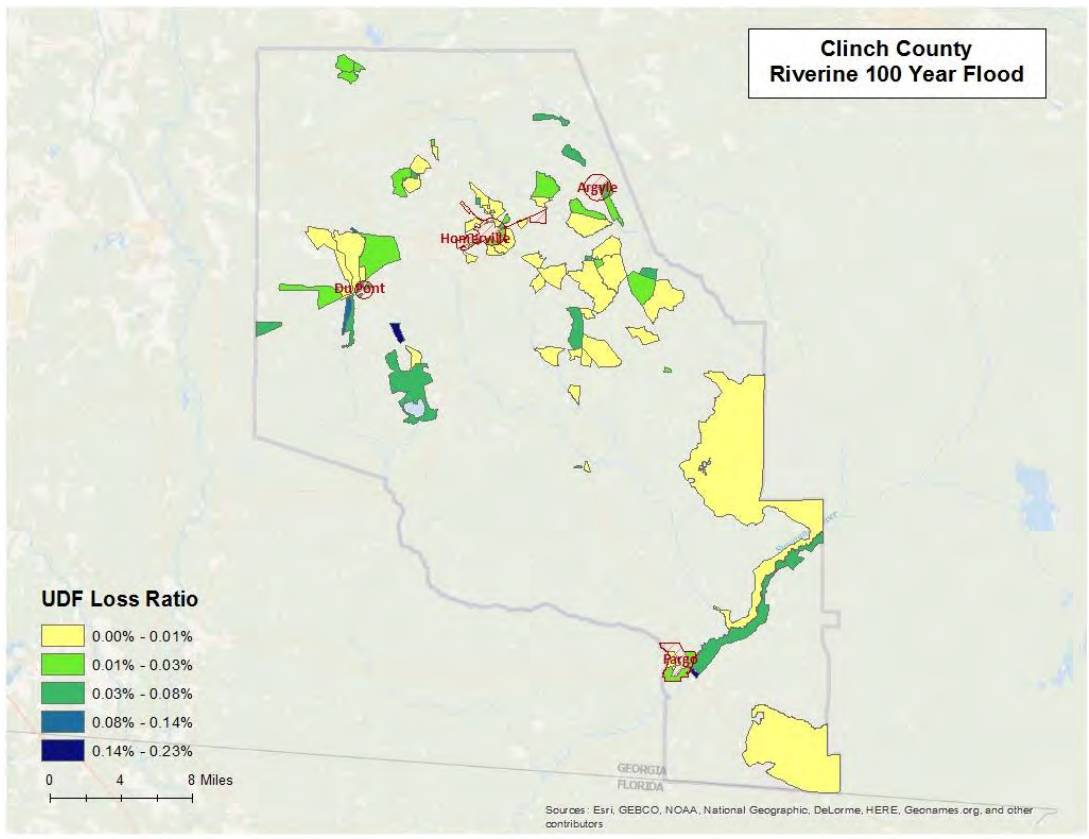


Figure 8: Potential UDF Loss Ratios from the 1% Riverine Flood

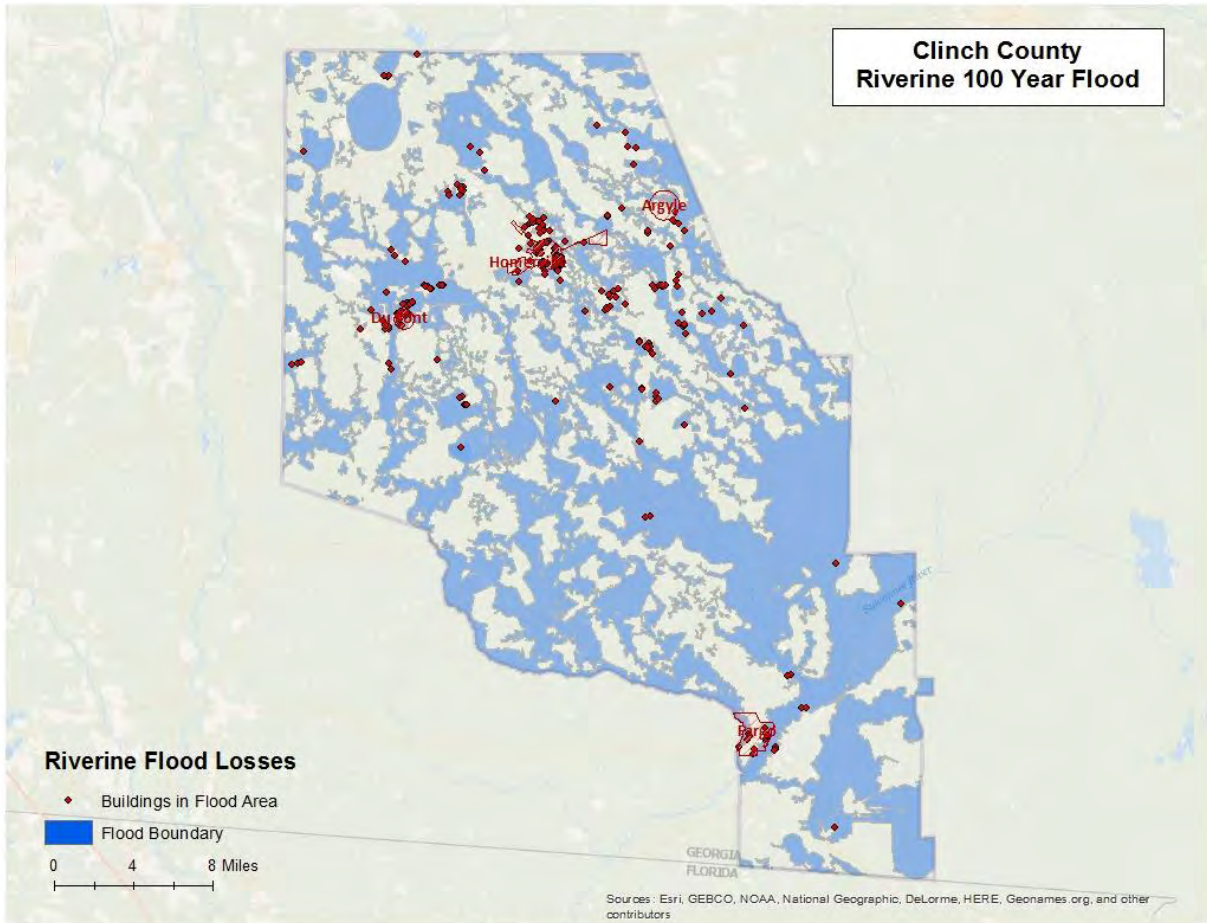


Figure 9: Damaged Buildings in 1% Riverine Flood

## Riverine 1% Flood Essential Facility Losses

An essential facility may encounter many of the same impacts as other buildings within the flood boundary. These impacts can include structural failure, extensive water damage to the facility and loss of facility functionality (e.g. a damaged police station will no longer be able to serve the community). The analysis has identified that were **0** Essential Facilities subject to damage in the Clinch County riverine 1% probability floodplain.

Table 10: Expected Damage to Essential Facilities in 1% Riverine Flood

Classification	Total	Moderate	Substantial	Loss of Use
Fire Station	4	0	0	0
Hospitals	3	0	0	0
Police Stations	2	0	0	0
Schools	5	0	0	0
EOCs	0	0	0	0

## Riverine 1% Flood Shelter Requirements

Hazus-MH estimates that the number of households that are expected to be displaced from their homes due to riverine flooding and the associated potential evacuation. The model estimates 633 households might be displaced due to the flood. Displacement includes households evacuated within or very near to the inundated area. Displaced households represent 1,898 individuals, of which 1,049 may require short term publicly provided shelter. The results are mapped in Figure 10. These numbers may be overestimated for two reasons: elevated housing not taken into account and parcel centroids (not aligned exactly with actual structures).

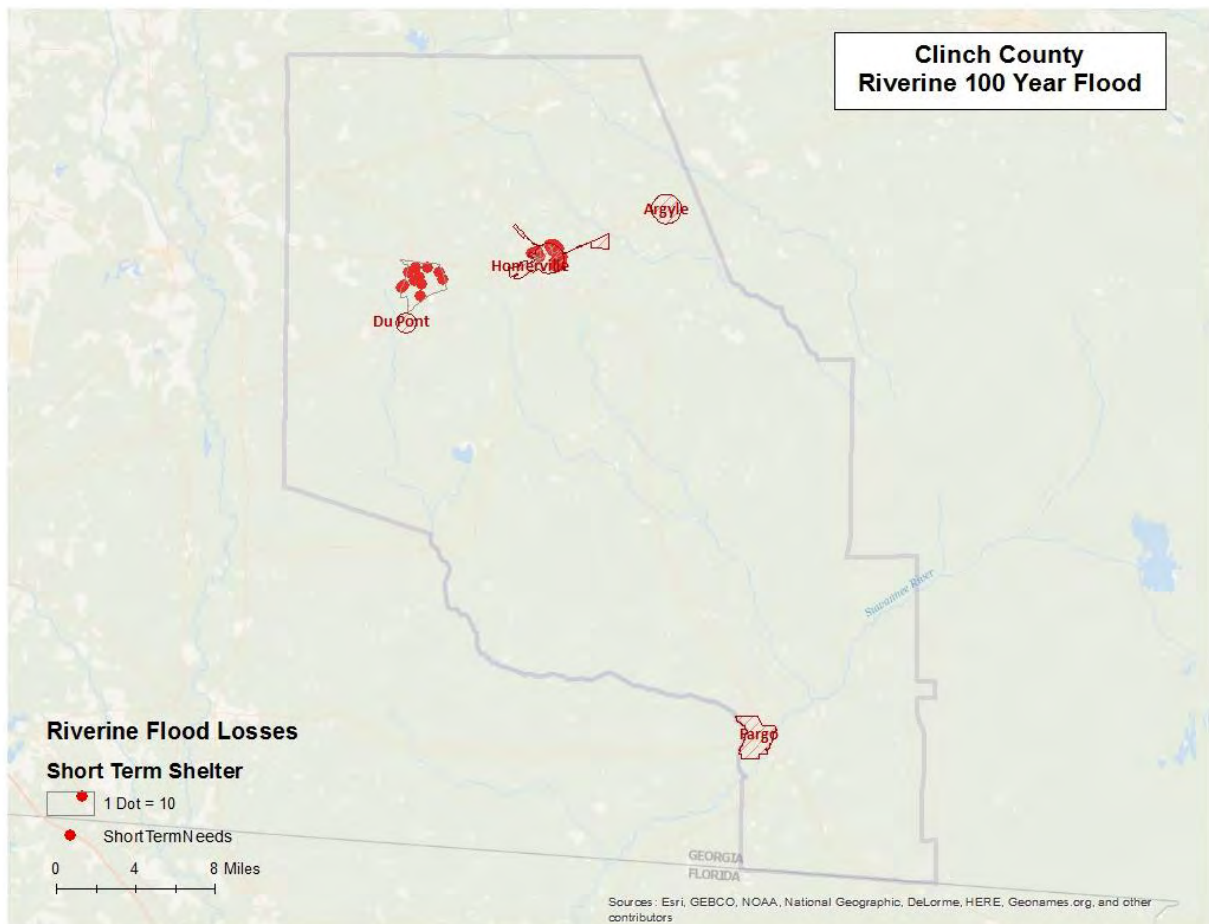


Figure 10: Estimated Flood Shelter Requirements in 1% Riverine Flood

## Riverine 1% Flood Debris

Hazus-MH estimates the amount of debris that will be generated by the flood. The model breaks debris into three general categories:

- Finishes (dry wall, insulation, etc.)
- Structural (wood, brick, etc.)
- Foundations (concrete slab, concrete block, rebar, etc.)

Different types of material handling equipment will be required for each category. Debris definitions applied in Hazus-MH are unique to the Hazus-MH model and so do not necessarily conform to other definitions that may be employed in other models or guidelines.

The analysis estimates that an approximate total of 1,086 tons of debris might be generated: 1) Finishes – 514 tons; 2) Structural - 233 tons; and 3) Foundations- 338 tons. The results are mapped in Figure 11.

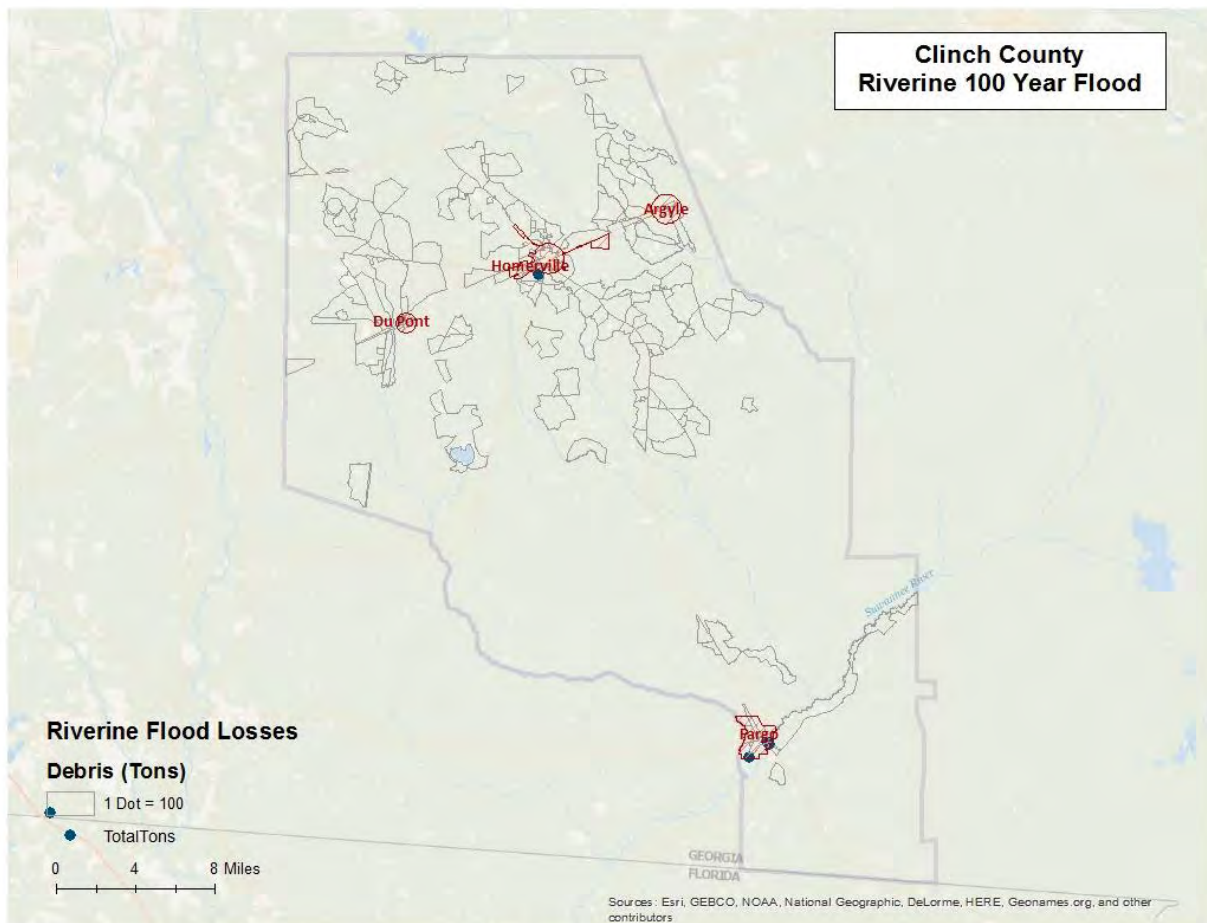


Figure 11: Flood Debris Weight (Tons) in 1% Riverine Flood

# Tornado Risk Assessment

## Hazard Definition

Tornadoes pose a great risk to the state of Georgia and its citizens. Tornadoes can occur at any time during the day or night. They can also happen during any month of the year. The unpredictability of tornadoes makes them one of Georgia’s most dangerous hazards. Their extreme winds are violently destructive when they touch down in the region’s developed and populated areas. Current estimates place the maximum velocity at about 300 miles per hour, but higher and lower values can occur. A wind velocity of 200 miles per hour will result in a wind pressure of 102.4 pounds per square foot of surface area—a load that exceeds the tolerance limits of most buildings. Considering these factors, it is easy to understand why tornadoes can be so devastating for the communities they hit.

Tornadoes are defined as violently-rotating columns of air extending from thunderstorms and cyclonic events. Funnel clouds are rotating columns of air not in contact with the ground; however, the violently-rotating column of air can reach the ground very quickly and become a tornado. If the funnel cloud picks up and blows debris, it has reached the ground and is a tornado.

Tornadoes are classified according to the Fujita tornado intensity scale. Originally introduced in 1971, the scale was modified in 2006 to better define the damage and estimated wind scale. The Enhanced Fujita Scale ranges from low intensity EF0 with effective wind speeds of 65 to 85 miles per hour, to EF5 tornadoes with effective wind speeds of over 200 miles per hour. The Enhanced Fujita intensity scale is included in Table 11.

Table 11: Enhanced Fujita Tornado Rating

Fujita Number	Estimated Wind Speed	Path Width	Path Length	Description of Destruction
EF0 <i>Gale</i>	65-85 mph	6-17 yards	0.3-0.9 miles	Light damage, some damage to chimneys, branches broken, sign boards damaged, shallow-rooted trees blown over.
EF1 <i>Moderate</i>	86-110 mph	18-55 yards	1.0-3.1 miles	Moderate damage, roof surfaces peeled off, mobile homes pushed off foundations, attached garages damaged.
EF2 <i>Significant</i>	111-135 mph	56-175 yards	3.2-9.9 miles	Considerable damage, entire roofs torn from frame houses, mobile homes demolished, boxcars pushed over, large trees snapped or uprooted.
EF3 <i>Severe</i>	136-165 mph	176-566 yards	10-31 miles	Severe damage, walls torn from well-constructed houses, trains overturned, most trees in forests uprooted, heavy cars thrown about.
EF4 <i>Devastating</i>	166-200 mph	0.3-0.9 miles	32-99 miles	Complete damage, well-constructed houses leveled, structures with weak foundations blown off for some distance, large missiles generated.
EF5 <i>Uncredible</i>	Over 200 mph	1.0-3.1 miles	100-315 miles	Foundations swept clean, automobiles become missiles and thrown for 100 yards or more, steel-reinforced concrete structures badly damaged.

Source: <http://www.srh.noaa.gov>



## Hypothetical Tornado Scenario

For this report, an EF3 tornado was modeled to illustrate the potential impacts of tornadoes of this magnitude in the county. The analysis used a hypothetical path based upon an EF3 tornado event running along the predominant direction of historical tornados (southeast to northwest). The tornado path was placed to travel through Homerville. The selected widths were modeled after a re-creation of the Fujita-Scale guidelines based on conceptual wind speeds, path widths, and path lengths. There is no guarantee that every tornado will fit exactly into one of these categories. Table 12 depicts tornado path widths and expected damage.

Table 12: Tornado Path Widths and Damage Curves

Enhanced Fujita Scale	Path Width (feet)	Maximum Expected Damage
EF5	2,400	100%
EF4	1,800	100%
EF3	1,200	80%
EF2	600	50%
EF1	300	10%

Within any given tornado path there are degrees of damage. The most intense damage occurs within the center of the damage path, with decreasing amounts of damage away from the center. After the hypothetical path is digitized on a map, the process is modeled in GIS by adding buffers (damage zones) around the tornado path. Figure 12 describes the zone analysis.

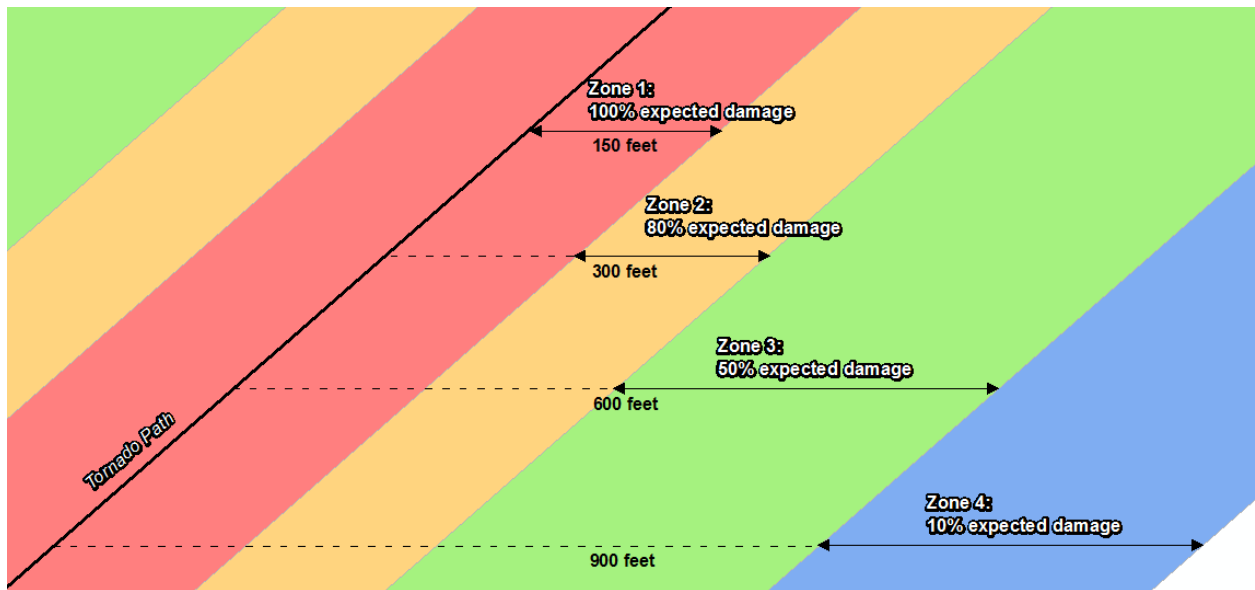


Figure 12: EF Scale Tornado Zones

An EF3 tornado has four damage zones, depicted in Table 13. Major damage is estimated within 150 feet of the tornado path. The outer buffer is 900 feet from the tornado path, within which buildings will not experience any damage. The selected hypothetical tornado path is depicted in Figure 13 and the damage curve buffer zones are shown in Figure 14.

Table 13: EF3 Tornado Zones and Damage Curves

Zone	Buffer (feet)	Damage Curve
1	0-150	80%
2	150-300	50%
3	300-600	10%
4	600-900	0%

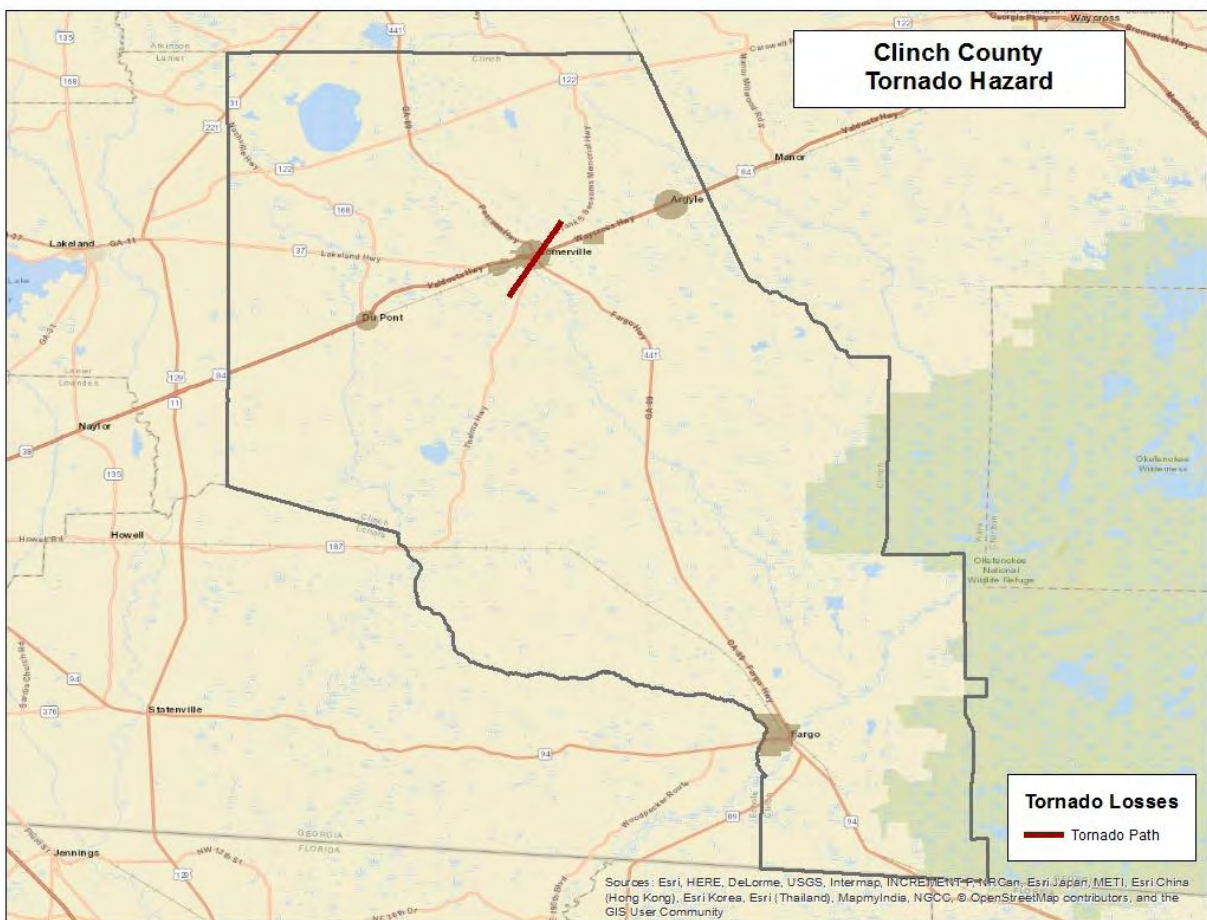


Figure 13: Hypothetical EF3 Tornado Path

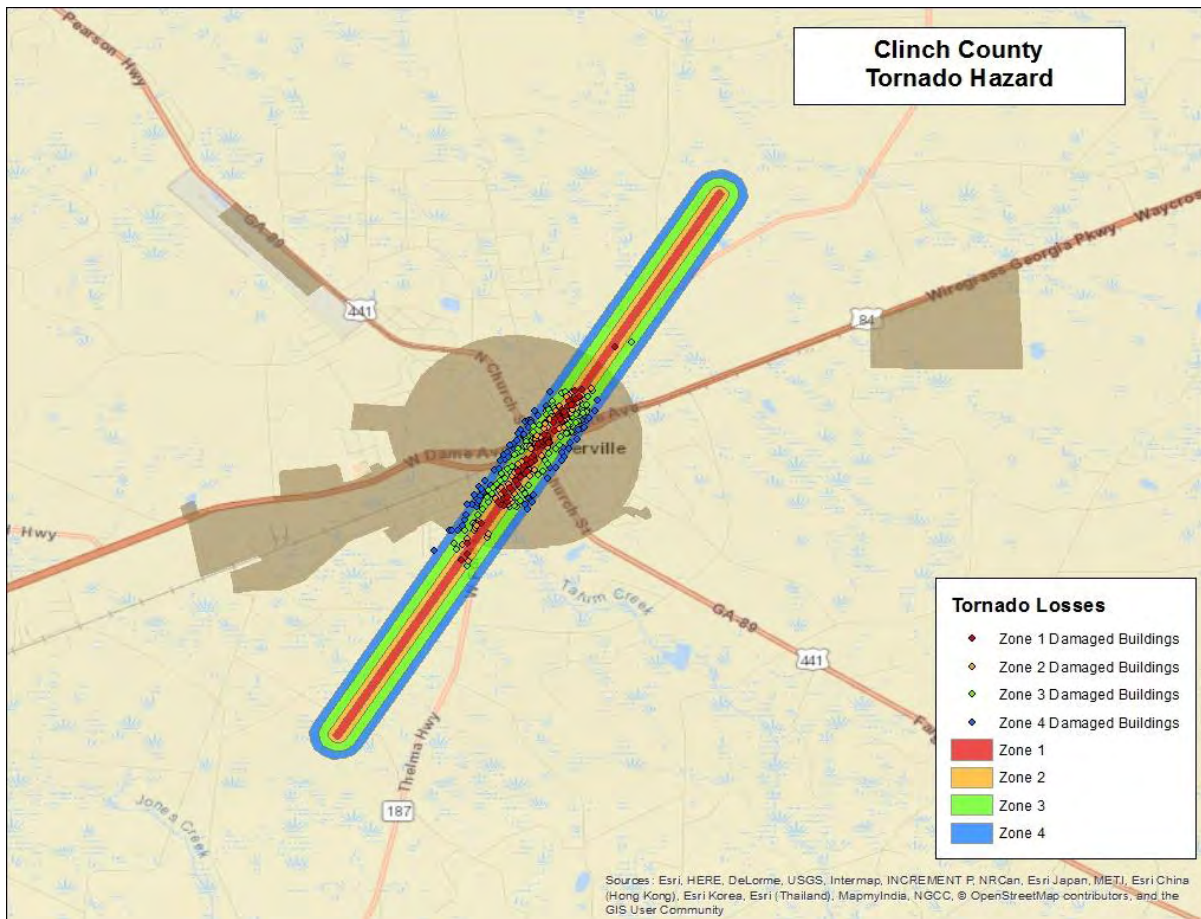


Figure 14: Modeled EF3 Tornado Damage Buffers

## EF3 Tornado Building Damages

The analysis estimated that approximately 366 buildings could be damaged, with estimated building losses of approximately \$19.9 million. The building losses are an estimate of building replacement costs multiplied by the percentages of damage. The overlay was performed against parcels provided by Clinch County that were joined with Assessor records showing estimated property replacement costs. The Assessor records often do not distinguish parcels by occupancy class if the parcels are not taxable and thus the number of buildings and replacement costs may be underestimated. The results of the analysis are depicted in Table 14.

Table 14: Estimated Building Losses by Occupancy Type

Occupancy Classification	Buildings Damaged	Building Losses
Commerical	61	\$ 7,412,068
Educational	4	\$ 449,489
Governmental	8	\$ 411,955
Industrial	14	\$ 410,844
Religious	11	\$ 1,940,663
Residential	268	\$ 9,330,461
<b>Total</b>	<b>366</b>	<b>\$ 19,955,480</b>



## EF3 Tornado Essential Facility Damage

There were 3 essential facilities located in the tornado path according to the modeling, these 3 facilities would suffer moderate to major damage should such a tornado strike occur.

The location of the damaged Essential Facilities is mapped in Figure 15.

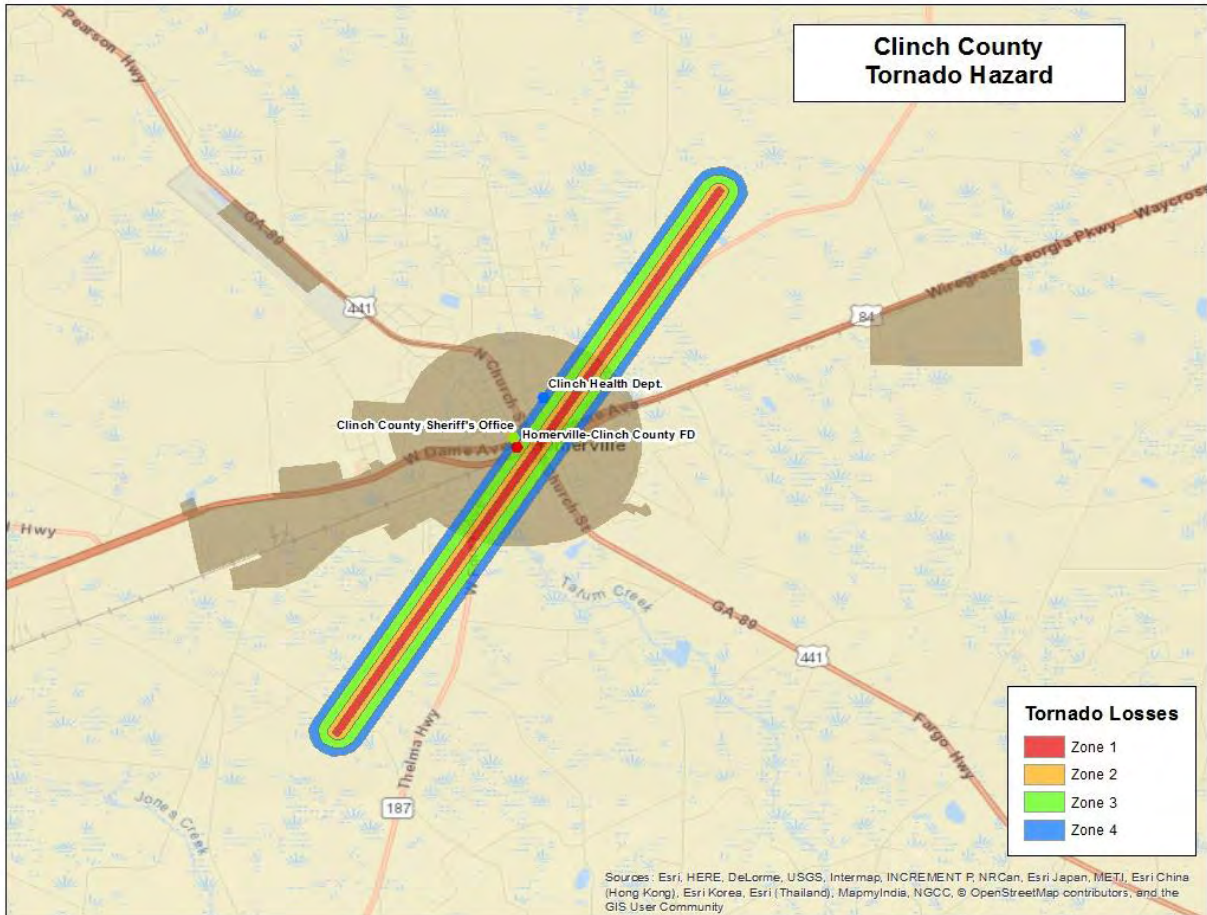


Figure 15: Modeled Essential Facility Damage in Clinch County

# Exceptions Report

Hazus Version 2.2 SP1 was used to perform the loss estimates for Clinch County, Georgia. Changes made to the default Hazus-MH inventory and the modeling parameters used to setup the hazard scenarios are described within this document.

Reported losses reflect the updated data sets. Steps, algorithms and assumptions used during the data update process are documented in the project workflow developed by the Polis Center.

## Statewide Inventory Changes

The default Hazus-MH Essential Facility inventory was updated for the entire state prior to running the hazard scenarios for Clinch County.

Statewide facility data were supplied by GEMA through the GMIS in June 2015. The Regional Commission updated the essential facilities in 2016. The updated data was used for this analysis. Table 15 summarizes the difference between the original Hazus-MH default data and the updated data for Clinch County.

Table 15: Essential Facility Updates

Occupancy Classification	Default		Updated	
	Replacement Cost	Default Count	Replacement Cost	Updated Count
Care	\$ 22,736,000	5	\$ 21,102,000	3
EOC	\$ 880,000	1	\$ 880,000	1
Fire	\$ 522,000	3	\$ 748,000	4
Police	\$ 4,382,000	3	\$ 605,000	2
School	\$ 19,870,000	6	\$ 17,550,000	5

## County Inventory Changes

The GBS records for Clinch County were replaced with data derived from parcel and property assessment data obtained from Clinch County. The county provided property assessment data was current as of February 2019 and the parcel data current as of February 2019.

## General Building Stock Updates

The parcel boundaries and assessor records were obtained from Clinch County. Records without improvements were deleted. The parcel boundaries were converted to parcel points located in the centroids of each parcel boundary unless there were building footprints. Each parcel point was linked to an assessor record based upon matching parcel numbers. The generated Building Inventory represents the approximate locations (within a parcel) of building exposure. The Building Inventory was aggregated by Census Block and imported into Hazus-MH using the Hazus-MH Comprehensive Data Management System (CDMS). Both the 2010 Census Tract and Census Block tables were updated.

The match between parcel records and assessor records was based upon a common Parcel ID. For this type of project, unless the hit rate is better than 85%, the records are not used to update the default aggregate inventory in Hazus-MH. The Parcel-Assessor hit rate for Clinch County was 98.8%.

Adjustments were made to records when primary fields did not have a value. In these cases, default values were applied to the fields. Table 16 outlines the adjustments made to Clinch County records.

Table 16: Building Inventory Default Adjustment Rates

Type of Adjustment	Building Count	Percentage
Area Unknown	92	3%
Construction Unknown	583	19%
Condition Unknown	80	3%
Foundation Unknown	584	19%
Year Built Unknown	52	2%

Portions of the CAMA values were either missing (<Null> or '0'), did not match CAMA domains or were unusable ('Unknown', 'Other', 'Pending'). These were replaced with 'best available' values. Missing YearBuilt values were populated from average values per Census Block. Missing Condition, Construction and Foundation values were populated with the highest-frequency CAMA values per Occupancy Class. Missing Area values were populated with the average CAMA values per Occupancy Class.

The resulting Building Inventory was used to populate the Hazus-MH General Building Stock and User Defined Facility tables. The updated General Building Stock was used to calculate flood and tornado losses. Changes to the building counts and exposure that were modeled in Clinch County are sorted by General Occupancy in Table 1 at the beginning of this report. If replacements cost or building value were not present for a given record in the Assessor data, replacement costs were calculated from the Building Area (sqft) multiplied by the Hazus-MH RS Means (\$/sqft) values for each Occupancy Class.

Differences between the default and updated data are due to various factors. The Assessor records often do not distinguish parcels by occupancy class when the parcels are not taxable; therefore, the total number of buildings and the building replacement costs for government, religious/non-profit, and education may be underestimated.

## User Defined Facilities

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Local parcel and CAMA data were used to develop points representing the locations of buildings in the county, referred to as User Defined Facilities (UDF) in the Hazus model. For the flood model, this includes only buildings located in the 1% Annual Chance Riverine Flood Area. Table 17 identifies the total building count & exposure for the county and the total building count & exposure for buildings located in the 1% Annual Chance Riverine Flood Area.

Table 17: Building Count and Exposure for County and Riverine Flood Area

Feature	Counts	Exposure
Total buildings in the County	3,126	\$650,762,929
Total buildings inside the 1% Annual Chance Riverine Flood Area	547	\$66,104,990

It should be noted that UDFs are only used in the flood modeling process, due to the fact that it is important to identify if individual buildings are located within the flood area to obtain the depth of flood.

### Assumptions

- Flood analysis was performed on UDF. The point locations are parcel centroid accuracy.
- The analysis is restricted to the county boundary within the flood area. Events that occur near the county boundary do not contain loss estimates from adjacent counties.
- The following attributes were defaulted or calculated:
  - First Floor Height was set from Foundation Type
  - Content Cost was calculated from Building Cost