

Appendix A

GEMA Worksheet #3a**Inventory of Assets****Jurisdiction: Ware County and City of Waycross****Hazard: Wildfire**

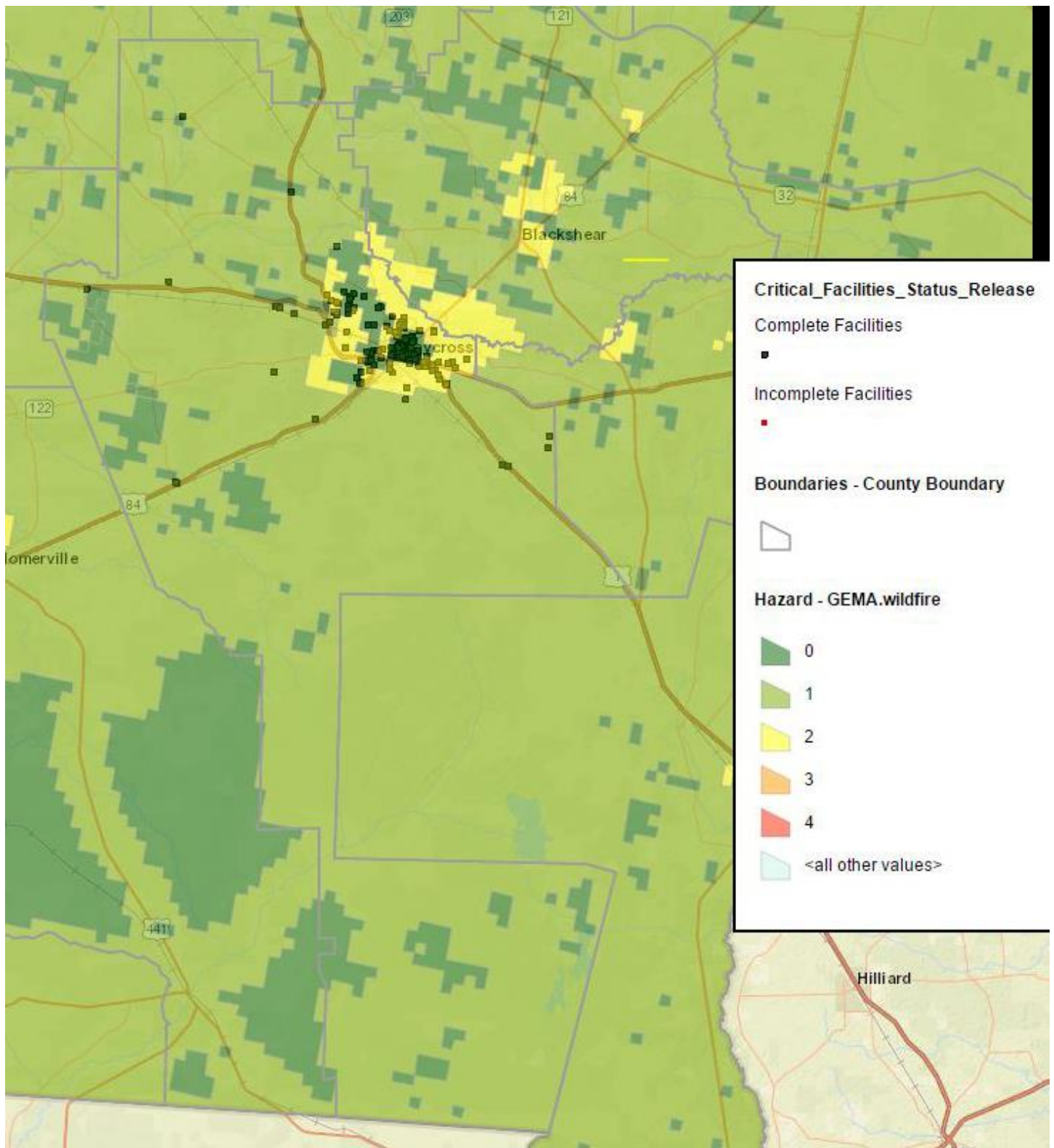
Task A. Determine the proportion of buildings, the value of buildings, and the population in your community or state that are located in hazard areas.

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	17044	7380	43.300%	\$ 815,801,786	\$ 353,242,173	43.300%	35,515	15,378	43.300%
Commercial	1608	696	43.300%	\$ 328,257,027	\$ 142,135,293	43.300%	0	0	0%
Industrial	90	39	43.300%	\$ 32,249,237	\$ 13,963,920	43.300%	0	0	0%
Agricultural	1755	760	43.300%	\$ 322,636,746	\$ 139,701,711	43.300%	0	0	0%
Religious/ Non-profit	446	193	43.300%	\$ 124,208,600	\$ 53,782,324	43.300%	0	0	0%
Government	314	136	43.300%	\$ 220,571,089	\$ 95,507,282	43.300%	0	0	0%
Education	33	14	43.300%	\$ 51,126,888	\$ 22,137,943	43.300%	0	0	0%
Utilities	35	15	43.300%	\$ 218,484,190	\$ 94,603,654	43.300%	0	0	0%
Total	21,325	9,234		2,113,335,563	915,074,299		35,515	15,378	

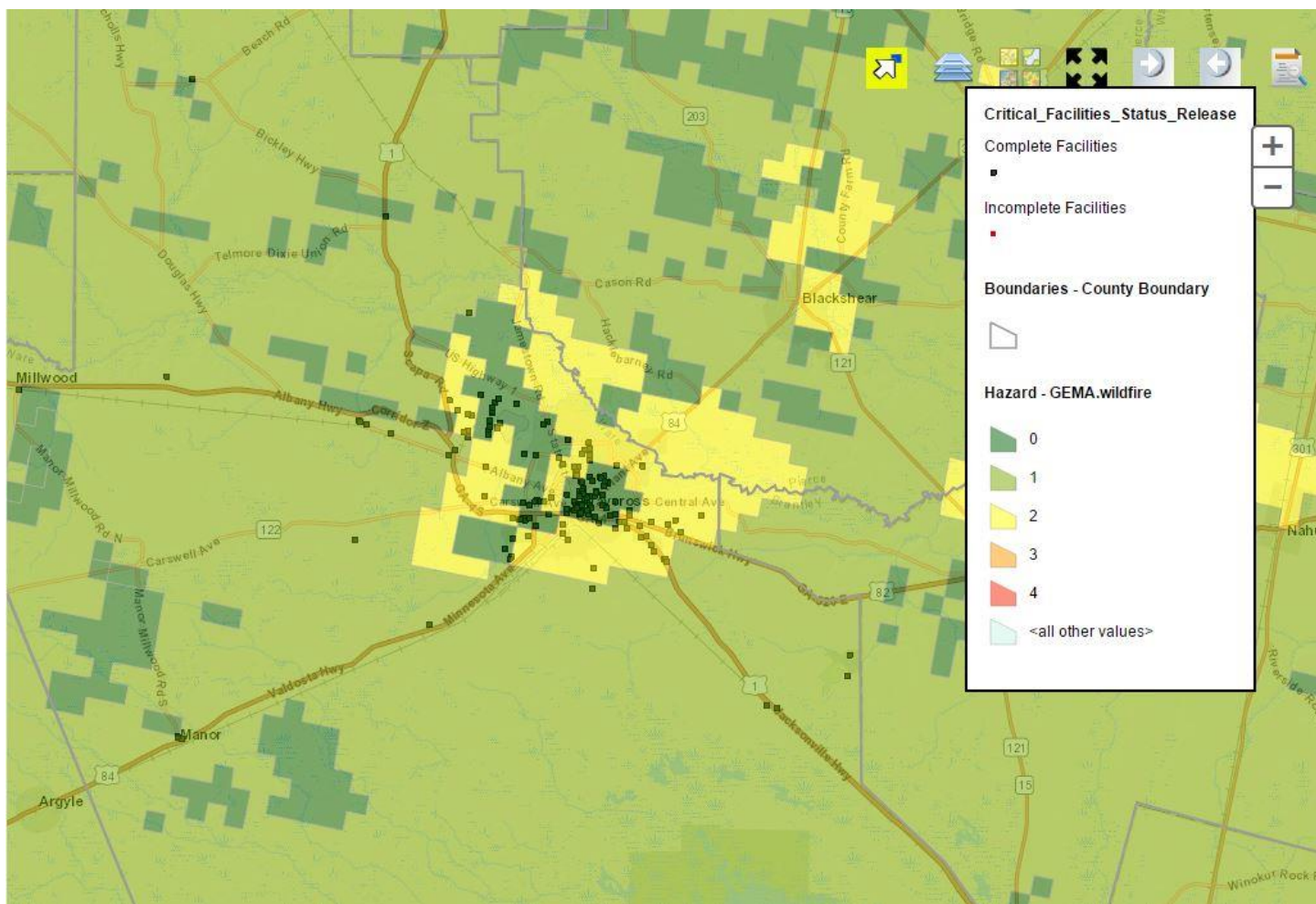
Task B. Determine whether (and where) you want to collect additional inventory data.

- | | | |
|---|----------|----------|
| | Y | N |
| 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 |

Wildfire Hazard Areas and Critical Facilities – Countywide



Wildfire Hazard Areas and Critical Facilities – Detail



GEMA Worksheet #3a**Inventory of Assets****Jurisdiction: Ware County and City of Waycross****Hazard: Drought**

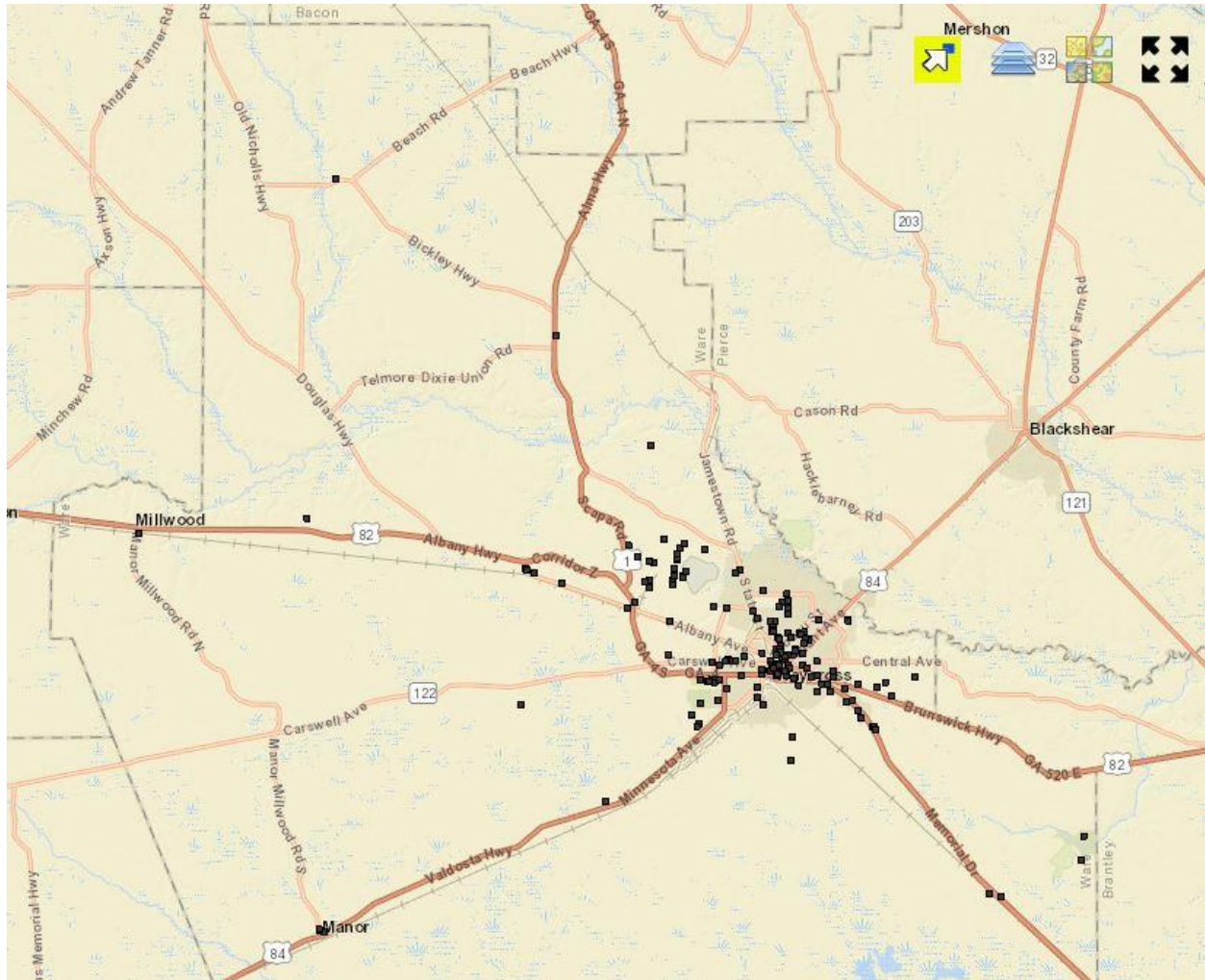
Task A. Determine the proportion of buildings, the value of buildings, and the population in your community or state that are located in hazard areas.

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	17044	17044	100.000%	\$ 815,801,786	\$ 815,801,786	100.000%	35,515	35,515	100.000%
Commercial	1608	1608	100.000%	\$ 328,257,027	\$ 328,257,027	100.000%	0	0	0%
Industrial	90	90	100.000%	\$ 32,249,237	\$ 32,249,237	100.000%	0	0	0%
Agricultural	1755	1755	100.000%	\$ 322,636,746	\$ 322,636,746	100.000%	0	0	0%
Religious/ Non-profit	446	446	100.000%	\$ 124,208,600	\$ 124,208,600	100.000%	0	0	0%
Government	314	314	100.000%	\$ 220,571,089	\$ 220,571,089	100.000%	0	0	0%
Education	33	33	100.000%	\$ 51,126,888	\$ 51,126,888	100.000%	0	0	0%
Utilities	35	35	100.000%	\$ 218,484,190	\$ 218,484,190	100.000%	0	0	0%
Total	21,325	21,325		2,113,335,563	2,113,335,563		35,515	35,515	

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

- | | | |
|---|----------|----------|
| | Y | N |
| 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 Drought Hazard Area (whole county)



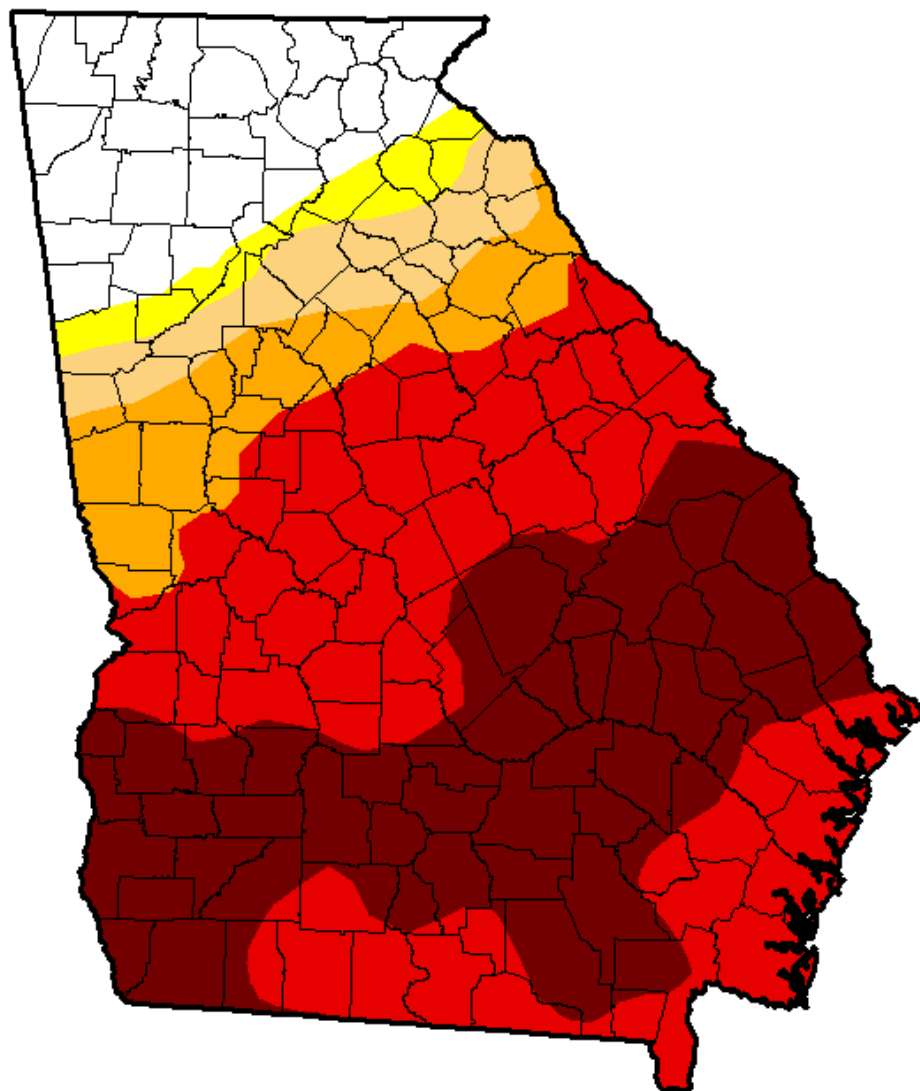
U.S. Drought Monitor

Georgia

February 14, 2012

(Released Thursday, Feb. 16, 2012)

Valid 7 a.m. EST



Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	13.88	86.12	83.12	77.55	69.01	34.06
Last Week 2/7/2012	14.41	85.59	83.07	77.55	68.97	29.54
3 Months Ago 11/15/2011	4.77	95.23	91.50	85.16	64.61	0.00
Start of Calendar Year 1/3/2012	12.07	87.93	85.36	81.00	63.92	0.00
Start of Water Year 9/27/2011	5.62	94.38	90.72	85.56	78.76	0.00
One Year Ago 2/15/2011	0.00	100.00	76.22	21.87	6.18	0.00

Intensity:

D0 Abnormally Dry	D3 Extreme Drought
D1 Moderate Drought	D4 Exceptional Drought
D2 Severe Drought	

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

Author:

Richard Tinker

CPC/NOAA/NWS/NCEP



<http://droughtmonitor.unl.edu/>

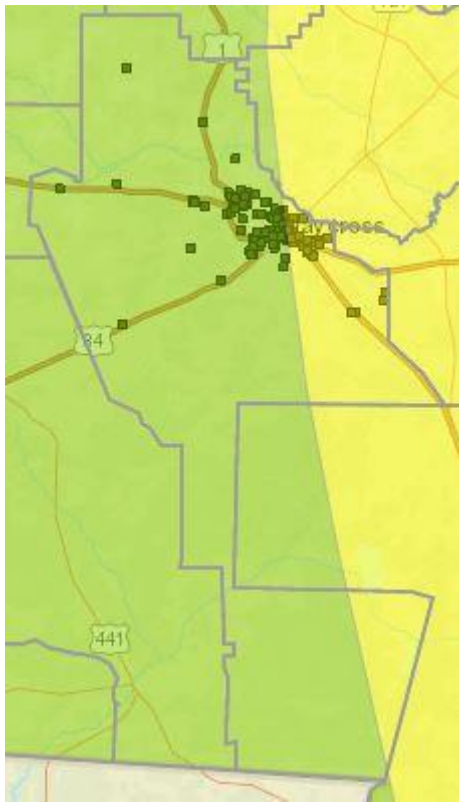
GEMA Worksheet #3a**Inventory of Assets****Jurisdiction: Ware County and City of Waycross****Hazard: Thunderstorm/Wind**

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	17044	17044	100.000%	\$ 815,801,786	\$ 815,801,786	100.000%	35,515	35,515	100.000%
Commercial	1608	1608	100.000%	\$ 328,257,027	\$ 328,257,027	100.000%	0	0	0%
Industrial	90	90	100.000%	\$ 32,249,237	\$ 32,249,237	100.000%	0	0	0%
Agricultural	1755	1755	100.000%	\$ 322,636,746	\$ 322,636,746	100.000%	0	0	0%
Religious/ Non-profit	446	446	100.000%	\$ 124,208,600	\$ 124,208,600	100.000%	0	0	0%
Government	314	314	100.000%	\$ 220,571,089	\$ 220,571,089	100.000%	0	0	0%
Education	33	33	100.000%	\$ 51,126,888	\$ 51,126,888	100.000%	0	0	0%
Utilities	35	35	100.000%	\$ 218,484,190	\$ 218,484,190	100.000%	0	0	0%
Total	21,325	21,325		2,113,335,563	2,113,335,563		35,515	35,515	

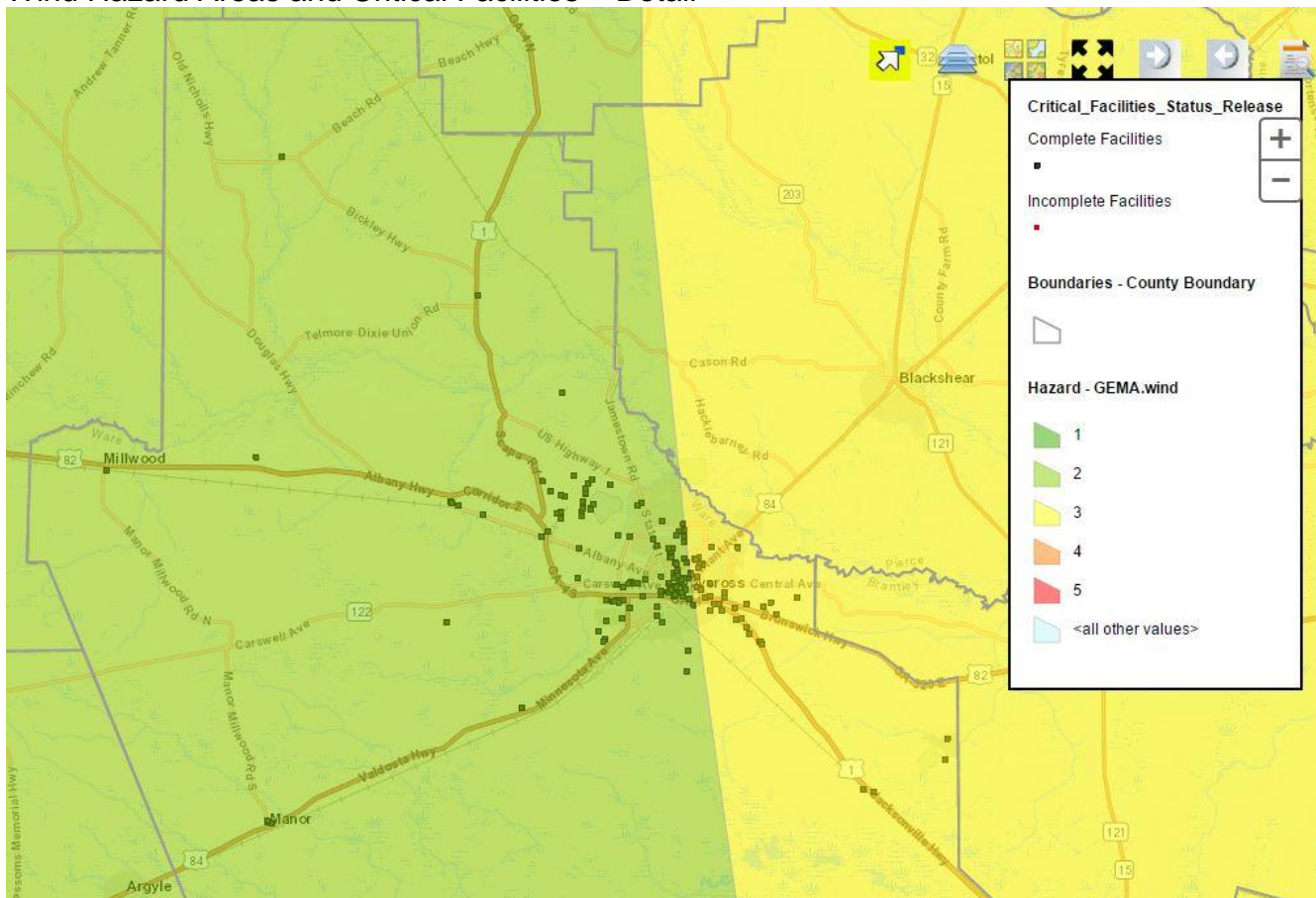
Task B. Determine whether (and where) you want to collect additional inventory data.

- | | | |
|---|----------|----------|
| | Y | N |
| 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 | |



Wind Hazard Areas
and Critical Facilities –
Countywide

Wind Hazard Areas and Critical Facilities – Detail



GEMA Worksheet #3a**Inventory of Assets****Jurisdiction: Ware County and City of Waycross****Hazard: Flood**

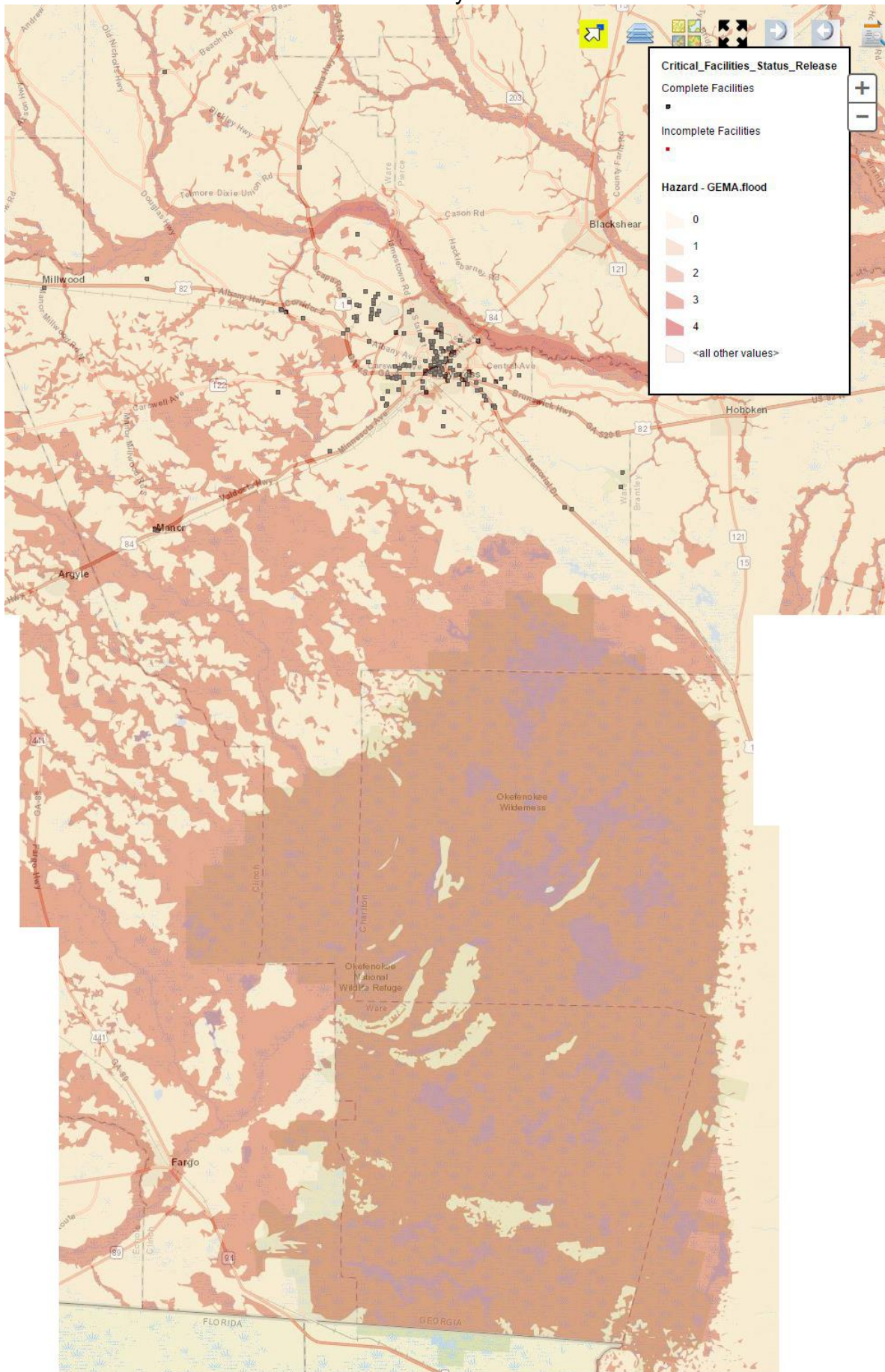
Task A. Determine the proportion of buildings, the value of buildings, and the population in your community or state that are located in hazard areas.

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	17044	2235	13.113%	\$ 815,801,786	\$ 90,147,068	11.050%	35,515	4,657	13.113%
Commercial	1608	253	15.734%	\$ 328,257,027	\$ 70,829,119	21.577%	0	0	0%
Industrial	90	8	8.889%	\$ 32,249,237	\$ 1,608,005	4.986%	0	0	0%
Agricultural	1755	1095	62.393%	\$ 322,636,746	\$ 237,847,123	73.720%	0	0	0%
Religious/ Non-profit	446	76	17.040%	\$ 124,208,600	\$ 38,557,782	31.043%	0	0	0%
Government	314	92	29.299%	\$ 220,571,089	\$ 129,802,602	58.848%	0	0	0%
Education	33	7	21.212%	\$ 51,126,888	\$ 21,738,486	42.519%	0	0	0%
Utilities	35	6	17.143%	\$ 218,484,190	\$ 194,568,448	89.054%	0	0	0%
Total	21,325	3,772		2,113,335,563	785,098,633		35,515	4,657	

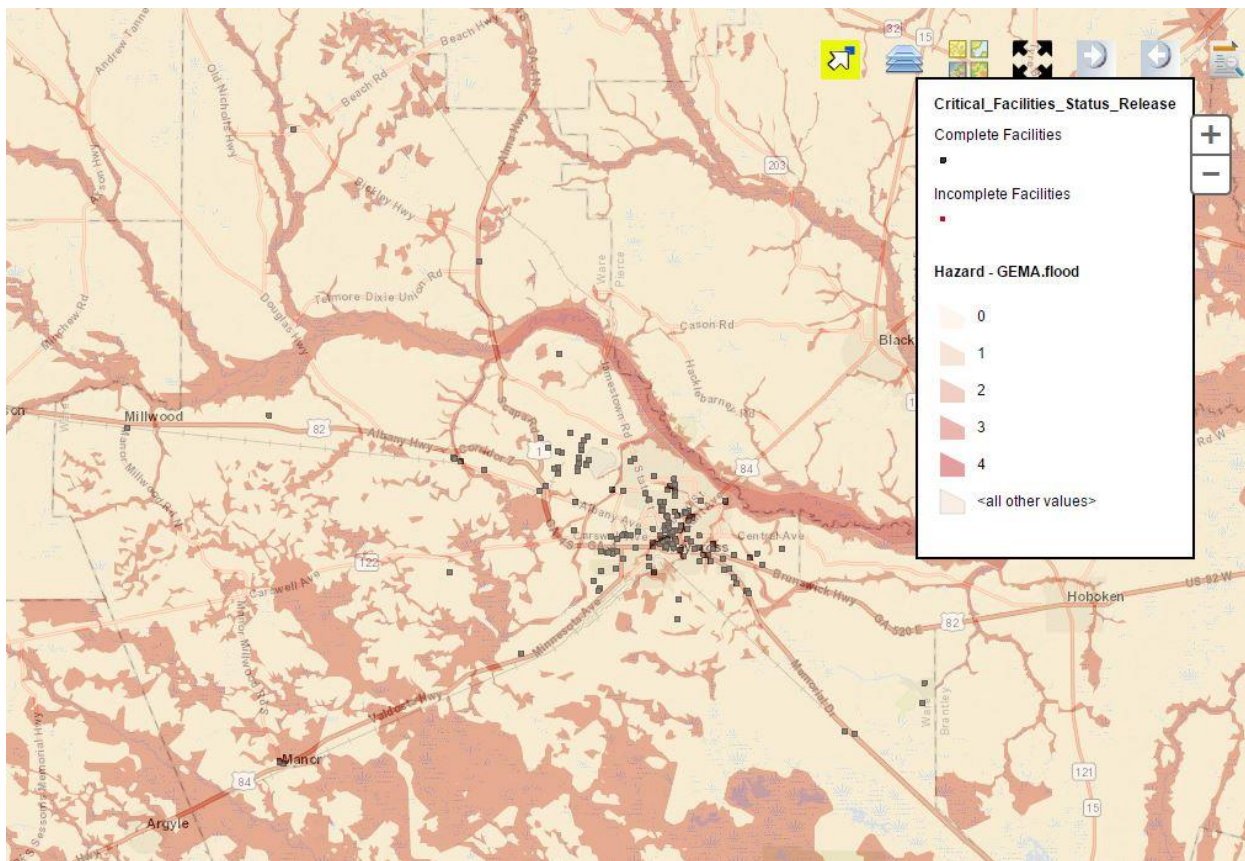
Task B. Determine whether (and where) you want to collect additional inventory data.

- | | | |
|---|----------|----------|
| | Y | N |
| 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 |

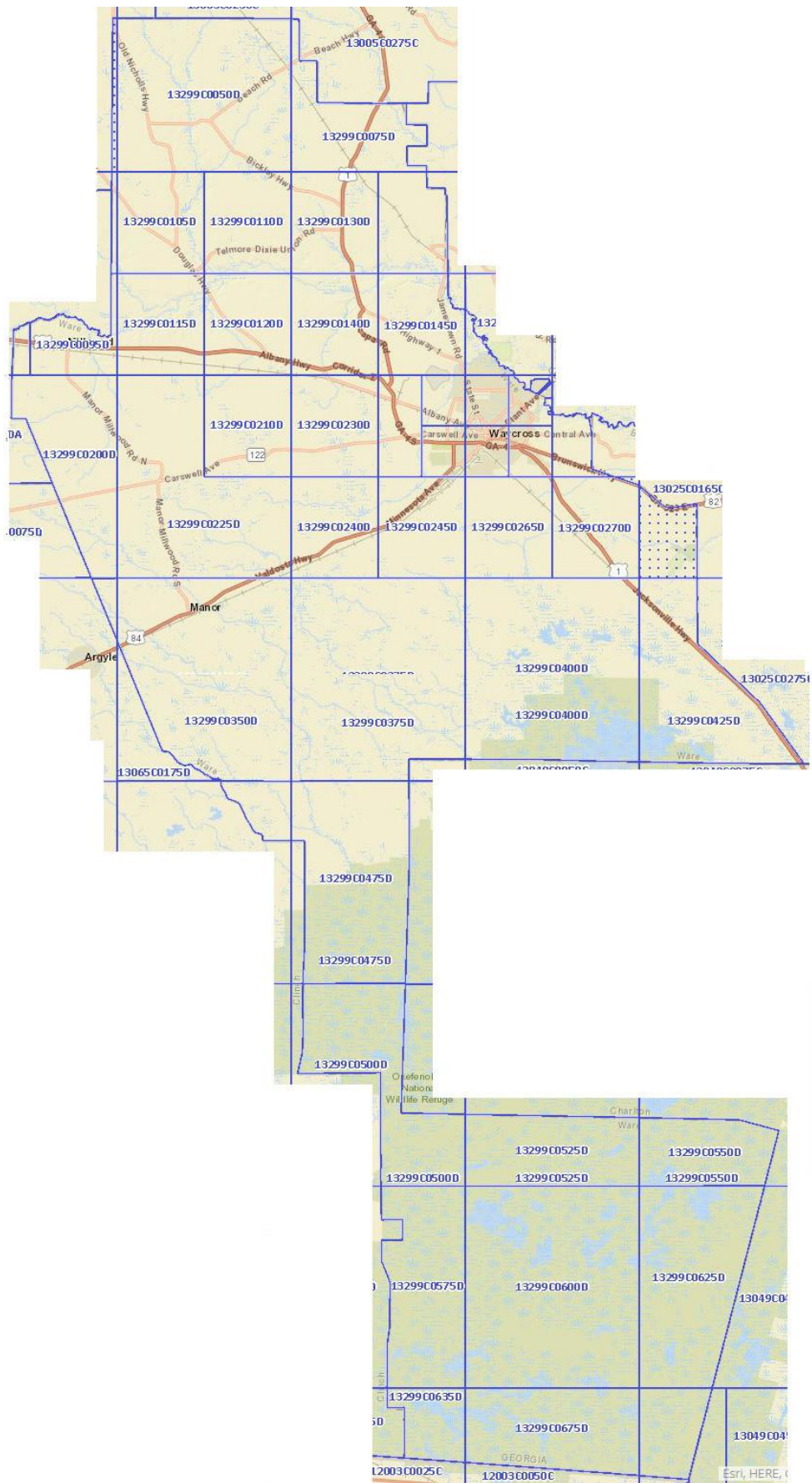
Flood Zones and Critical Facilities – Countywide



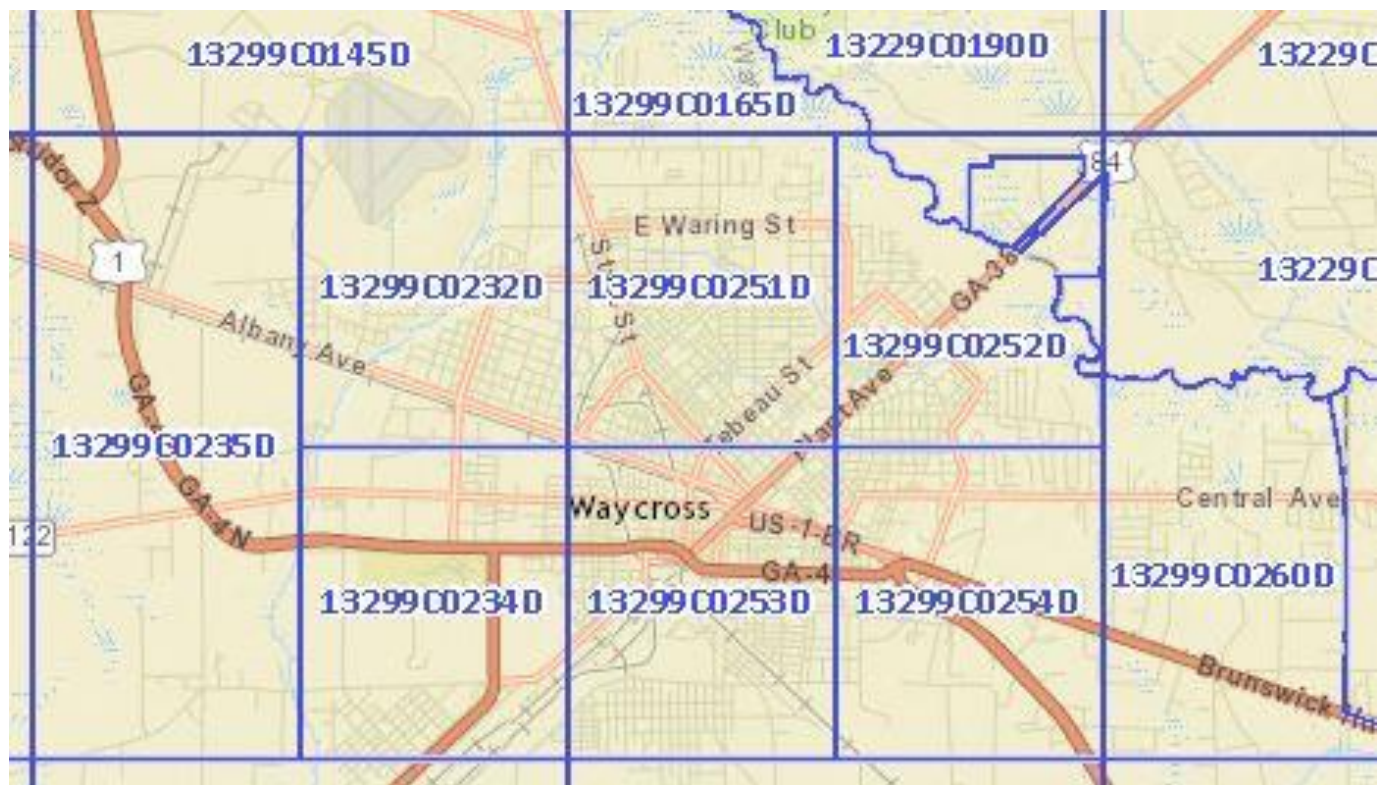
Flood Zones and Critical Facilities – Detail



Flood Insurance Rate Maps – Countywide



Flood Insurance Rate Maps – Detail



GEMA Worksheet #3a**Inventory of Assets****Jurisdiction: Ware County and City of Waycross****Hazard: Extreme Heat**

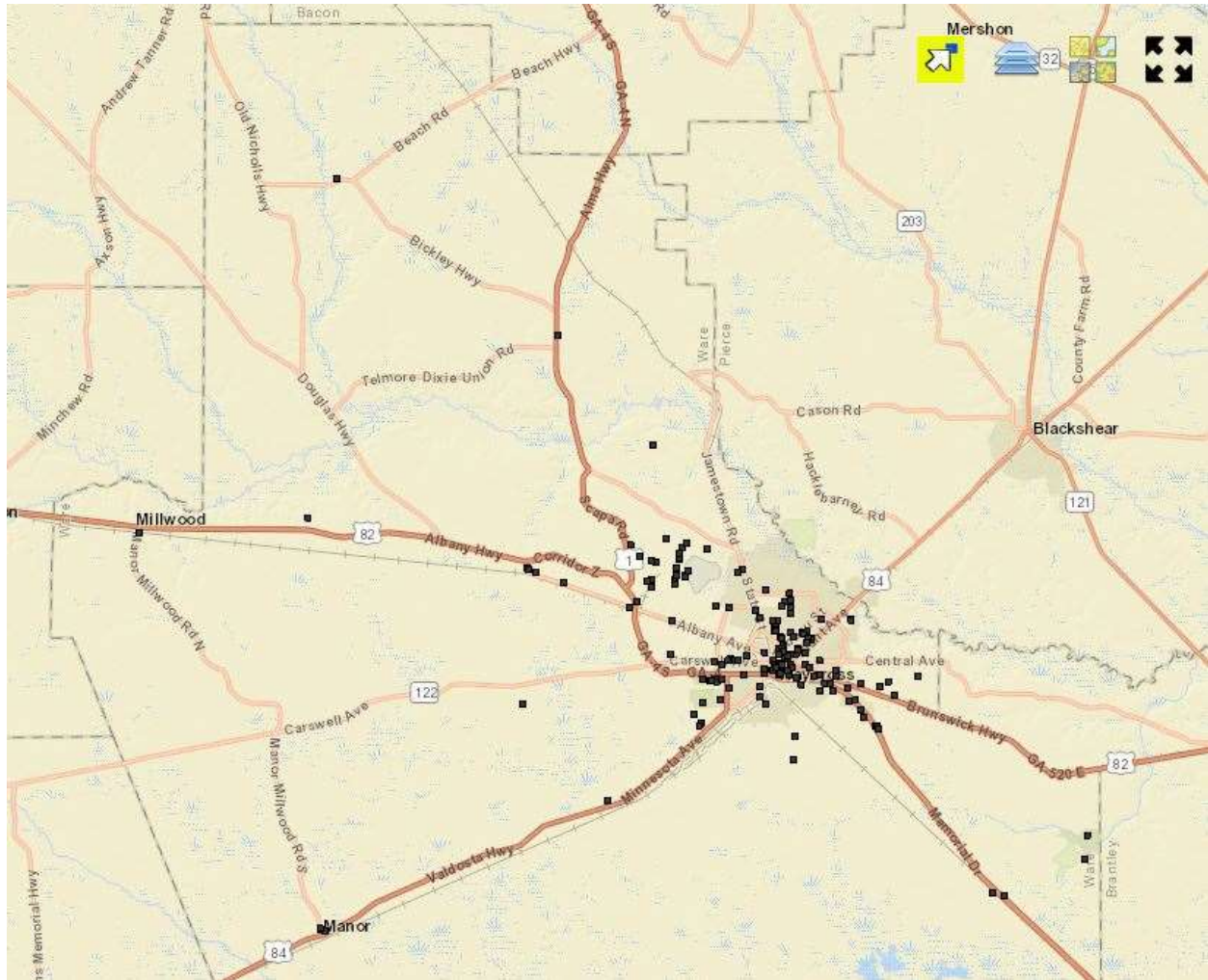
Task A. Determine the proportion of buildings, the value of buildings, and the population in your community or state that are located in hazard areas.

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	17044	17044	100.000%	\$ 815,801,786	\$ 815,801,786	100.000%	35,515	35,515	100.000%
Commercial	1608	1608	100.000%	\$ 328,257,027	\$ 328,257,027	100.000%	0	0	0%
Industrial	90	90	100.000%	\$ 32,249,237	\$ 32,249,237	100.000%	0	0	0%
Agricultural	1755	1755	100.000%	\$ 322,636,746	\$ 322,636,746	100.000%	0	0	0%
Religious/ Non-profit	446	446	100.000%	\$ 124,208,600	\$ 124,208,600	100.000%	0	0	0%
Government	314	314	100.000%	\$ 220,571,089	\$ 220,571,089	100.000%	0	0	0%
Education	33	33	100.000%	\$ 51,126,888	\$ 51,126,888	100.000%	0	0	0%
Utilities	35	35	100.000%	\$ 218,484,190	\$ 218,484,190	100.000%	0	0	0%
Total	21,325	21,325		2,113,335,563	2,113,335,563		35,515	35,515	

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

- | | | |
|---|----------|----------|
| | Y | N |
| 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 Extreme Heat Hazard Area (whole county)



GEMA Worksheet #3a**Inventory of Assets****Jurisdiction: Ware County and City of Waycross****Hazard: Tornado**

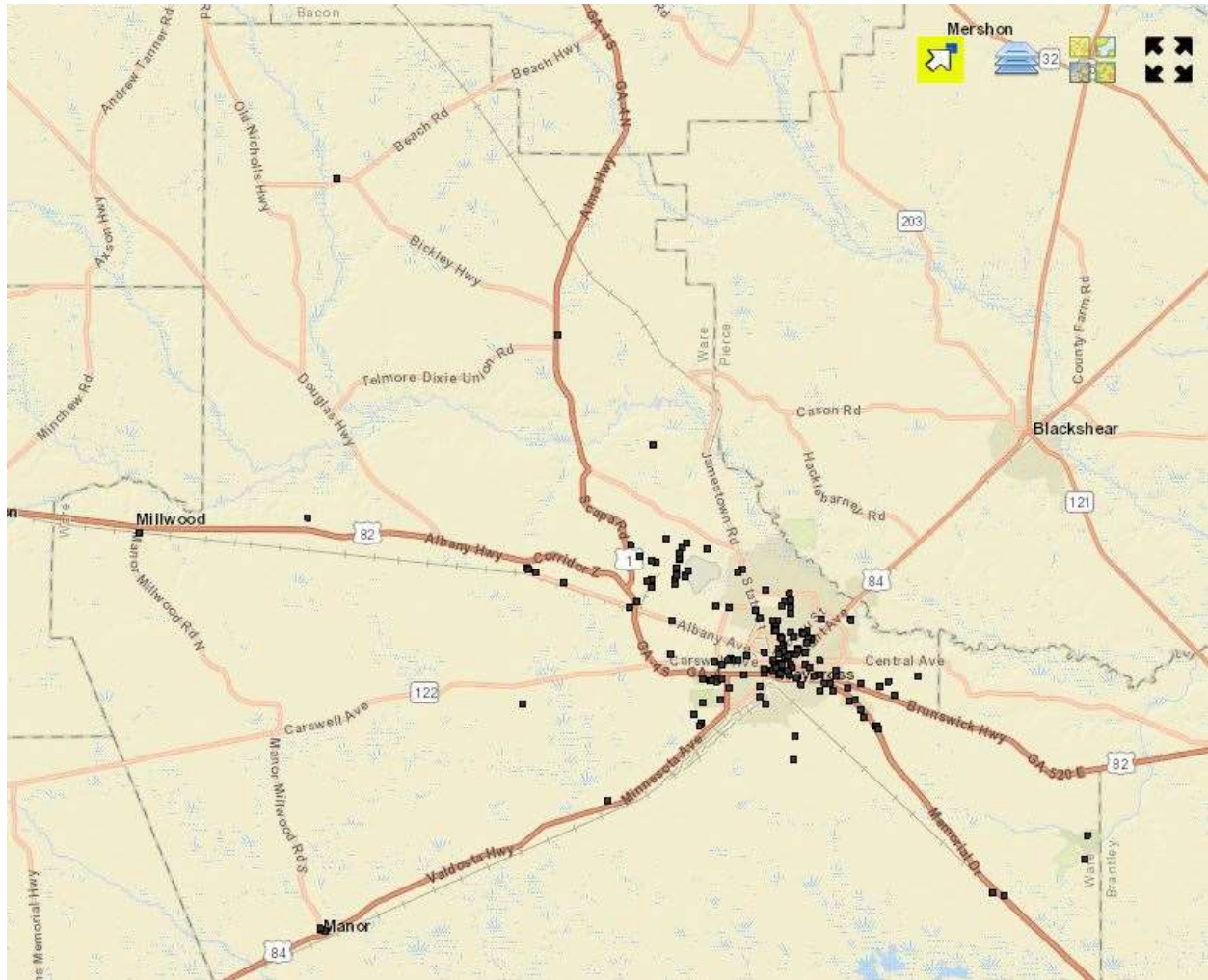
Task A. Determine the proportion of buildings, the value of buildings, and the population in your community or state that are located in hazard areas.

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	17044	17044	100.000%	\$ 815,801,786	\$ 815,801,786	100.000%	35,515	35,515	100.000%
Commercial	1608	1608	100.000%	\$ 328,257,027	\$ 328,257,027	100.000%	0	0	0%
Industrial	90	90	100.000%	\$ 32,249,237	\$ 32,249,237	100.000%	0	0	0%
Agricultural	1755	1755	100.000%	\$ 322,636,746	\$ 322,636,746	100.000%	0	0	0%
Religious/ Non-profit	446	446	100.000%	\$ 124,208,600	\$ 124,208,600	100.000%	0	0	0%
Government	314	314	100.000%	\$ 220,571,089	\$ 220,571,089	100.000%	0	0	0%
Education	33	33	100.000%	\$ 51,126,888	\$ 51,126,888	100.000%	0	0	0%
Utilities	35	35	100.000%	\$ 218,484,190	\$ 218,484,190	100.000%	0	0	0%
Total	21,325	21,325		2,113,335,563	2,113,335,563		35,515	35,515	

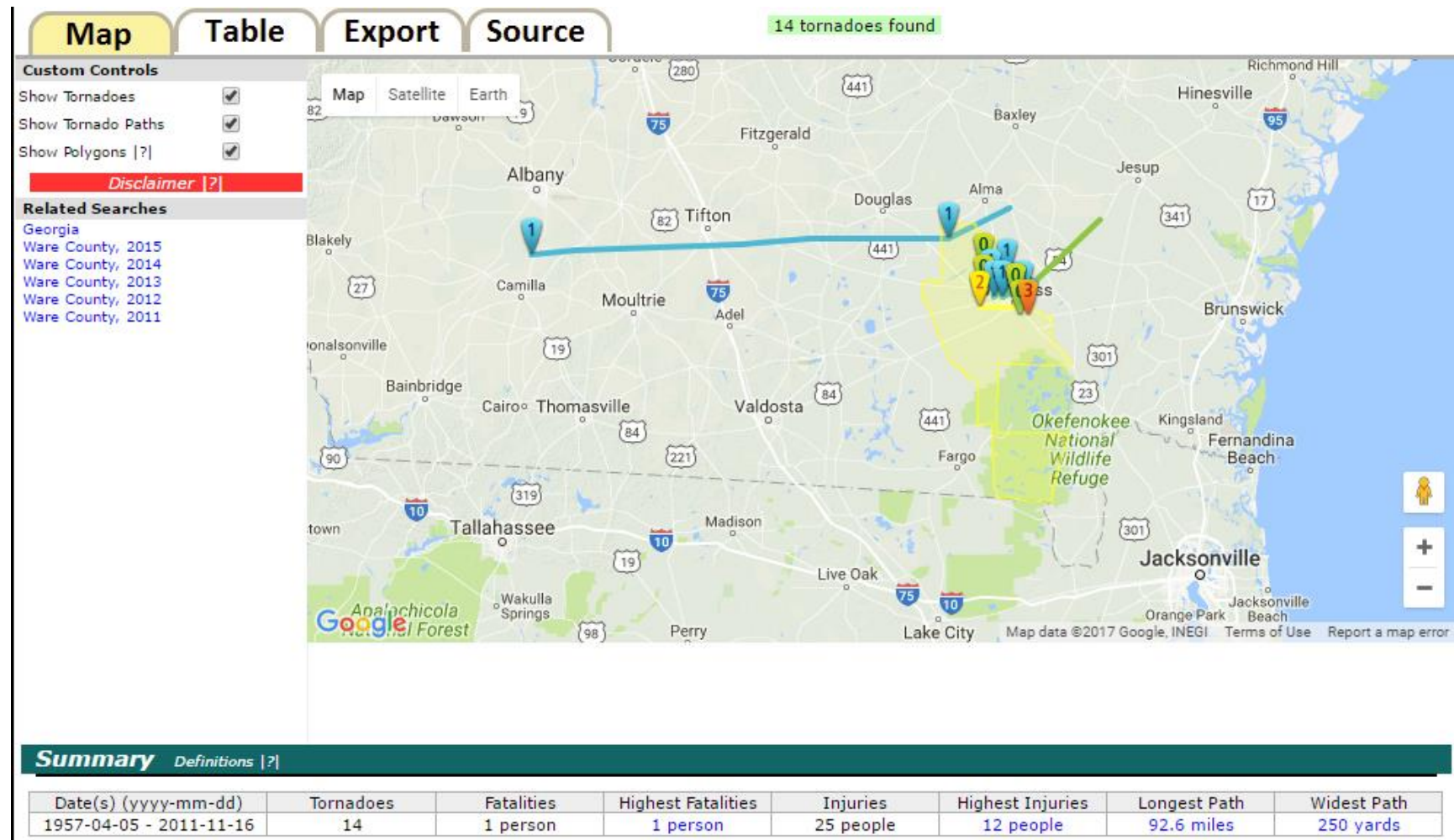
Task B. Determine whether (and where) you want to collect additional inventory data.

- | | | |
|---|----------|----------|
| | Y | N |
| 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 |

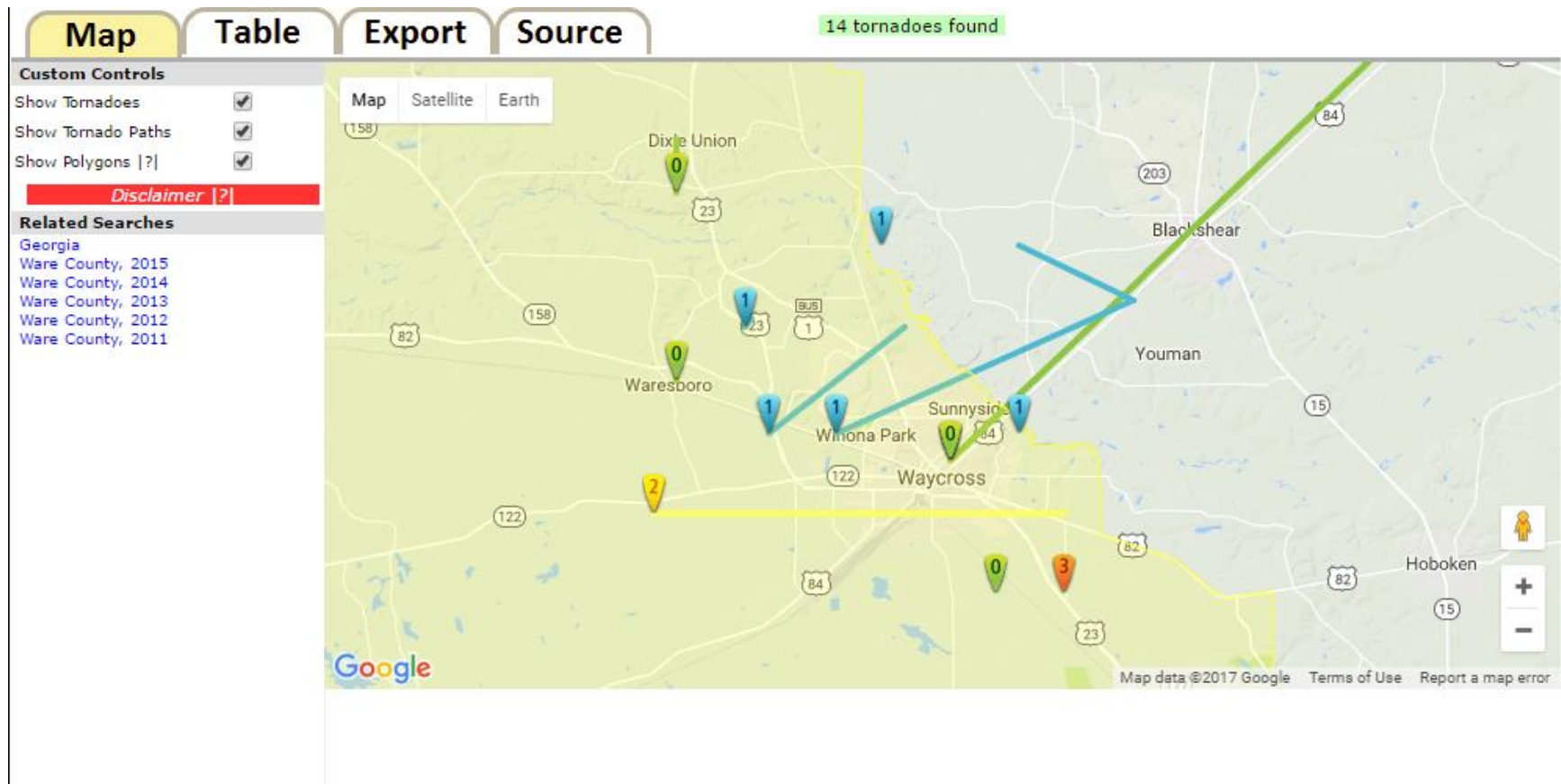
Critical Facilities and Tornado Hazard Area (whole county)



Tornado Track Map – Countywide (source: <http://www.tornadohistoryproject.com/tornado/Georgia/Ware/map>)



Tornado Track Map – Detail (source: <http://www.tornadohistoryproject.com/tornado/Georgia/Ware/map>)



GEMA Worksheet #3a**Inventory of Assets****Jurisdiction: Ware County and City of Waycross****Hazard: Hail**

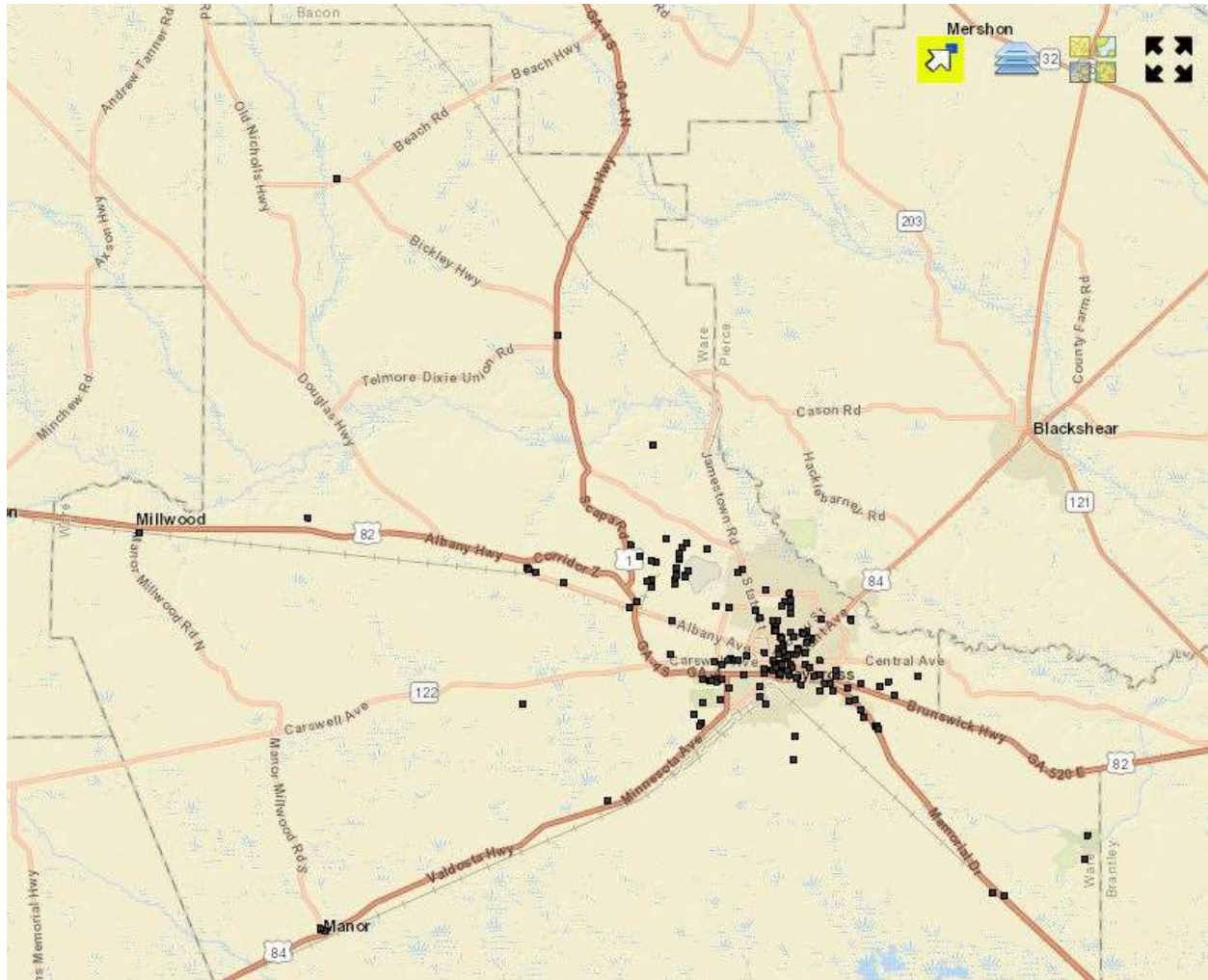
Task A. Determine the proportion of buildings, the value of buildings, and the population in your community or state that are located in hazard areas.

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	17044	17044	100.000%	\$ 815,801,786	\$ 815,801,786	100.000%	35,515	35,515	100.000%
Commercial	1608	1608	100.000%	\$ 328,257,027	\$ 328,257,027	100.000%	0	0	0%
Industrial	90	90	100.000%	\$ 32,249,237	\$ 32,249,237	100.000%	0	0	0%
Agricultural	1755	1755	100.000%	\$ 322,636,746	\$ 322,636,746	100.000%	0	0	0%
Religious/ Non-profit	446	446	100.000%	\$ 124,208,600	\$ 124,208,600	100.000%	0	0	0%
Government	314	314	100.000%	\$ 220,571,089	\$ 220,571,089	100.000%	0	0	0%
Education	33	33	100.000%	\$ 51,126,888	\$ 51,126,888	100.000%	0	0	0%
Utilities	35	35	100.000%	\$ 218,484,190	\$ 218,484,190	100.000%	0	0	0%
Total	21,325	21,325		2,113,335,563	2,113,335,563		35,515	35,515	

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

- | | | |
|---|----------|----------|
| | Y | N |
| 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 Hail Hazard Area (whole county)



GEMA Worksheet #3a**Inventory of Assets****Jurisdiction: Ware County and City of Waycross****Hazard: Hurricane/Tropical Storm**

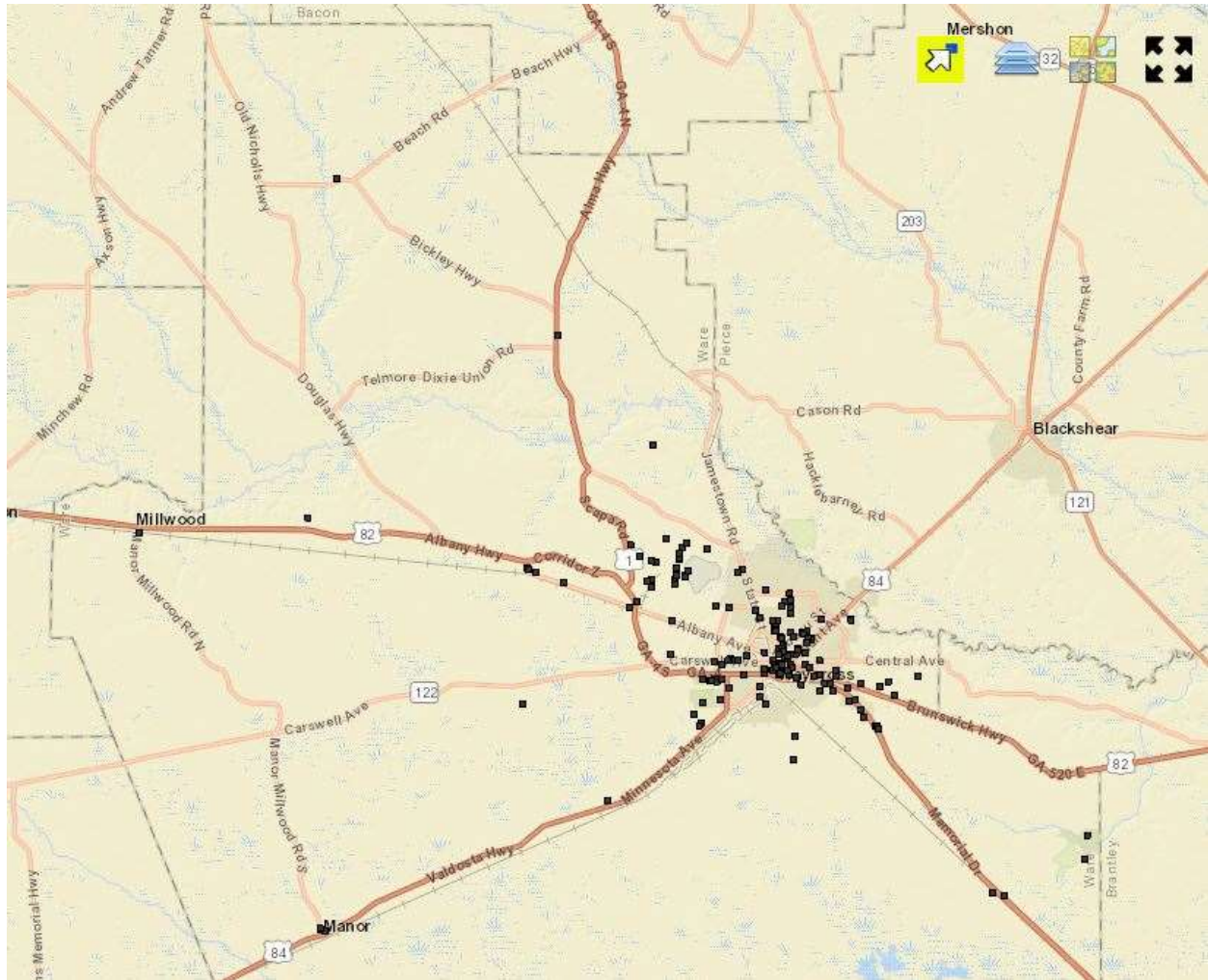
Task A. Determine the proportion of buildings, the value of buildings, and the population in your community or state that are located in hazard areas.

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	17044	17044	100.000%	\$ 815,801,786	\$ 815,801,786	100.000%	35,515	35,515	100.000%
Commercial	1608	1608	100.000%	\$ 328,257,027	\$ 328,257,027	100.000%	0	0	0%
Industrial	90	90	100.000%	\$ 32,249,237	\$ 32,249,237	100.000%	0	0	0%
Agricultural	1755	1755	100.000%	\$ 322,636,746	\$ 322,636,746	100.000%	0	0	0%
Religious/ Non-profit	446	446	100.000%	\$ 124,208,600	\$ 124,208,600	100.000%	0	0	0%
Government	314	314	100.000%	\$ 220,571,089	\$ 220,571,089	100.000%	0	0	0%
Education	33	33	100.000%	\$ 51,126,888	\$ 51,126,888	100.000%	0	0	0%
Utilities	35	35	100.000%	\$ 218,484,190	\$ 218,484,190	100.000%	0	0	0%
Total	21,325	21,325		2,113,335,563	2,113,335,563		35,515	35,515	

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

- | | | |
|---|----------|----------|
| | Y | N |
| 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 Hurricane/Tropical Storm Hazard Area (whole county)

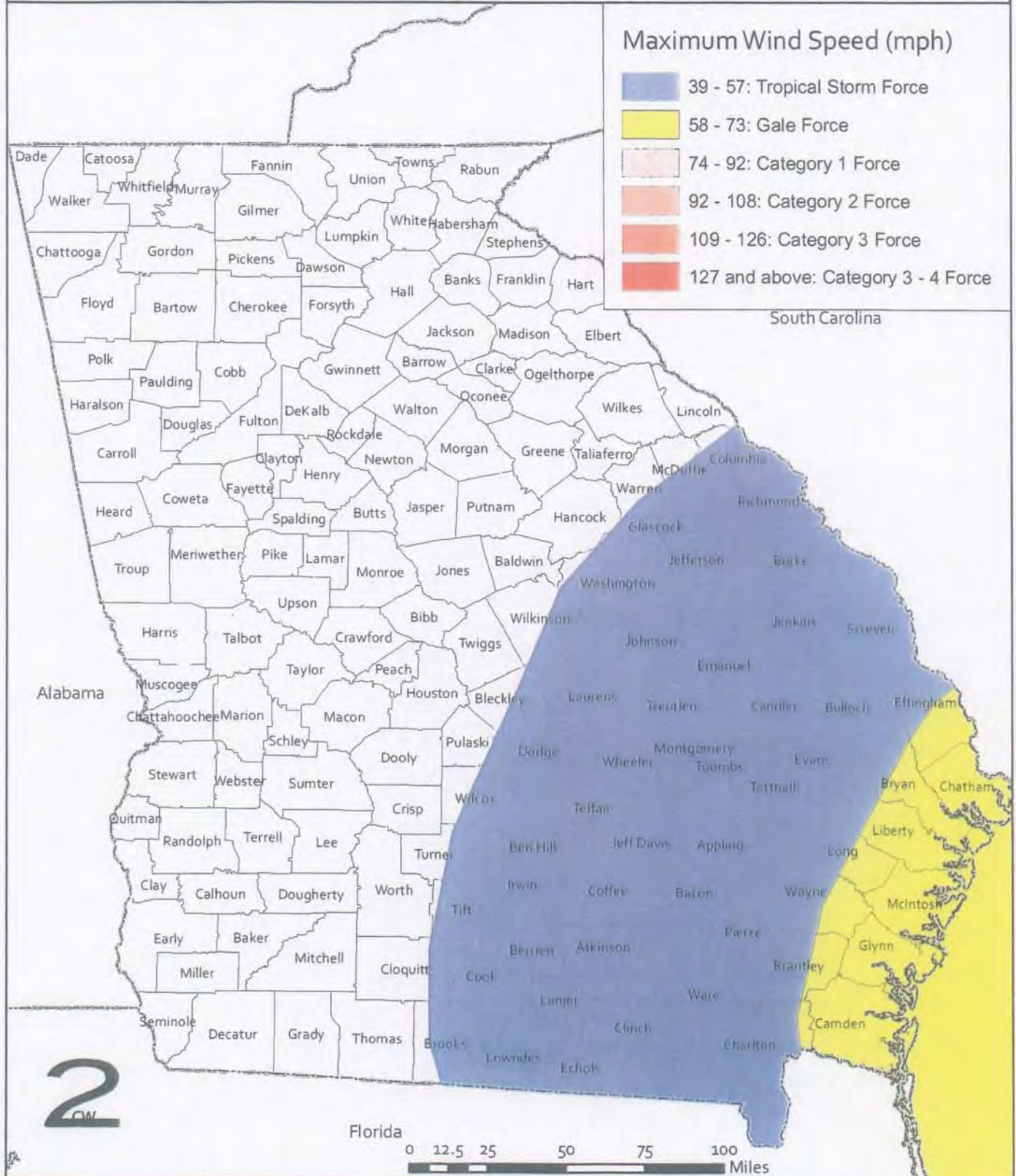




Maximum Envelope of Wind

Georgia Coast Landfall - Category 1 Hurricane

Sustained Winds of 75 mph - Forward Speed of 9 mph



GEMA Worksheet #3a**Inventory of Assets****Jurisdiction: Ware County and City of Waycross****Hazard: Severe Winter Storm**

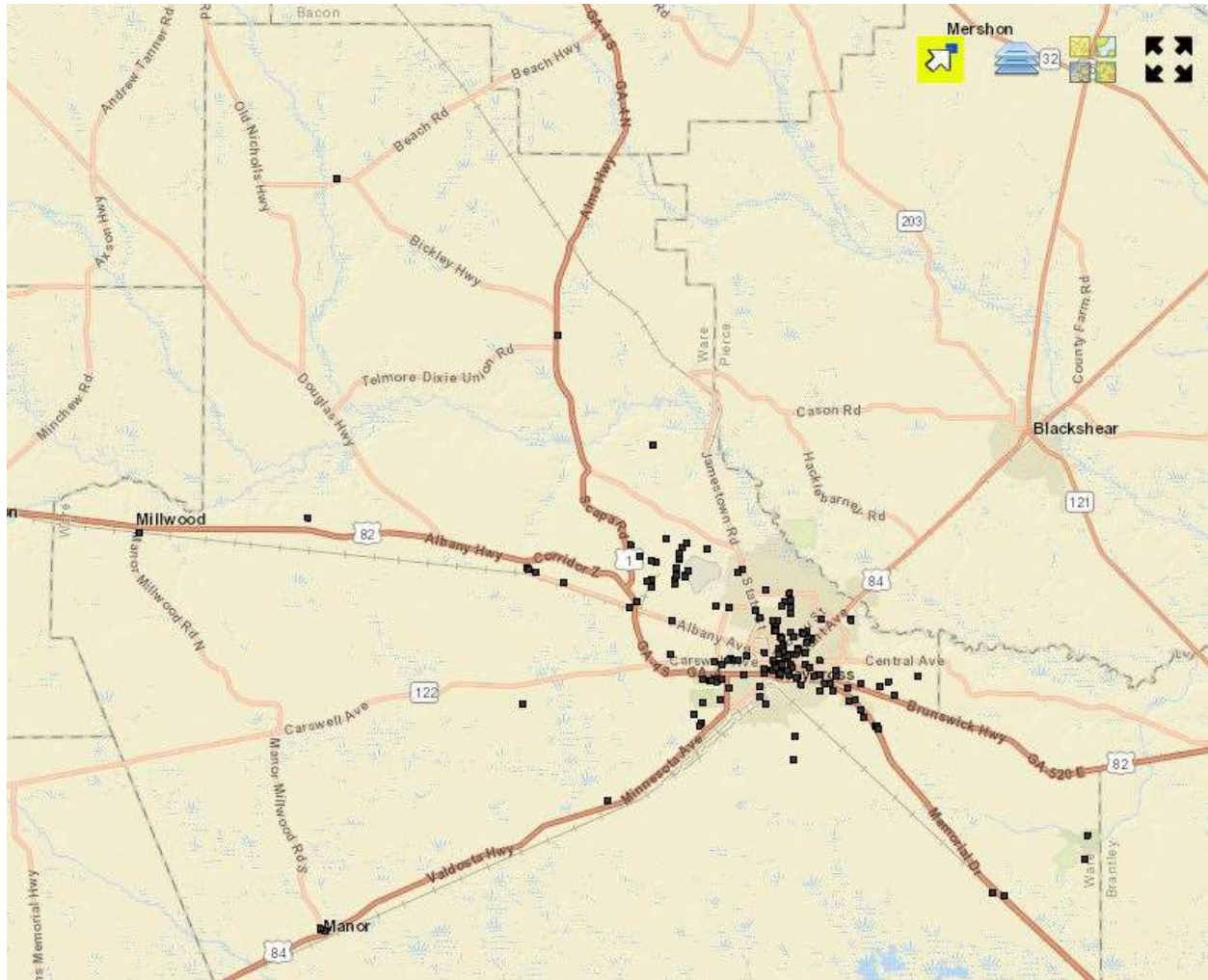
Task A. Determine the proportion of buildings, the value of buildings, and the population in your community or state that are located in hazard areas.

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	17044	17044	100.000%	\$ 815,801,786	\$ 815,801,786	100.000%	35,515	35,515	100.000%
Commercial	1608	1608	100.000%	\$ 328,257,027	\$ 328,257,027	100.000%	0	0	0%
Industrial	90	90	100.000%	\$ 32,249,237	\$ 32,249,237	100.000%	0	0	0%
Agricultural	1755	1755	100.000%	\$ 322,636,746	\$ 322,636,746	100.000%	0	0	0%
Religious/ Non-profit	446	446	100.000%	\$ 124,208,600	\$ 124,208,600	100.000%	0	0	0%
Government	314	314	100.000%	\$ 220,571,089	\$ 220,571,089	100.000%	0	0	0%
Education	33	33	100.000%	\$ 51,126,888	\$ 51,126,888	100.000%	0	0	0%
Utilities	35	35	100.000%	\$ 218,484,190	\$ 218,484,190	100.000%	0	0	0%
Total	21,325	21,325		2,113,335,563	2,113,335,563		35,515	35,515	

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

- | | | |
|---|----------|----------|
| | Y | N |
| 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 Severe Winter Storm Hazard Area (whole county)



Appendix B



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Search

U.S. Census Quick Facts

QuickFacts

Waycross city, Georgia

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

All Topics ▼	WAYCROSS CITY, GEORGIA	WARE COUNTY, GEORGIA	UNITED STATES
People			
Population			
Population estimates, July 1, 2016, (V2016)	NA	35,738	323,127,513
Population estimates, July 1, 2015, (V2015)	14,053	35,370	321,418,820
Population estimates base, April 1, 2010, (V2016)	NA	36,306	308,758,105
Population estimates base, April 1, 2010, (V2015)	14,651	36,306	308,758,105
Population, percent change - April 1, 2010 (estimates base) to July 1, 2016, (V2016)	NA	-1.6%	4.7%
Population, percent change - April 1, 2010 (estimates base) to July 1, 2015, (V2015)	-4.1%	-2.6%	4.1%
Population, Census, April 1, 2010	14,649	36,312	308,745,538
Age and Sex			
Persons under 5 years, percent, July 1, 2015, (V2015)	X	6.8%	6.2%
Persons under 5 years, percent, April 1, 2010	8.3%	6.9%	6.5%
Persons under 18 years, percent, July 1, 2015, (V2015)	X	23.9%	22.9%
Persons under 18 years, percent, April 1, 2010	26.0%	23.6%	24.0%
Persons 65 years and over, percent, July 1, 2015, (V2015)	X	16.5%	14.9%
Persons 65 years and over, percent, April 1, 2010	17.5%	15.2%	13.0%
Female persons, percent, July 1, 2015, (V2015)	X	50.5%	50.8%
Female persons, percent, April 1, 2010	54.9%	50.2%	50.8%
Race and Hispanic Origin			
White alone, percent, July 1, 2015, (V2015) (a)	X	67.2%	77.1%
White alone, percent, April 1, 2010 (a)	40.7%	66.4%	72.4%
Black or African American alone, percent, July 1, 2015, (V2015) (a)	X	29.4%	13.3%
Black or African American alone, percent, April 1, 2010 (a)	55.1%	29.5%	12.6%
American Indian and Alaska Native alone, percent, July 1, 2015, (V2015) (a)	X	0.5%	1.2%
American Indian and Alaska Native alone, percent, April 1, 2010 (a)	0.3%	0.3%	0.9%
Asian alone, percent, July 1, 2015, (V2015) (a)	X	1.0%	5.6%
Asian alone, percent, April 1, 2010 (a)	0.8%	0.8%	4.8%
Native Hawaiian and Other Pacific Islander alone, percent, July 1, 2015, (V2015) (a)	X	0.1%	0.2%
Native Hawaiian and Other Pacific Islander alone, percent, April 1, 2010 (a)	Z	Z	0.2%
Two or More Races, percent, July 1, 2015, (V2015)	X	1.8%	2.6%
Two or More Races, percent, April 1, 2010	1.8%	1.5%	2.9%
Hispanic or Latino, percent, July 1, 2015, (V2015) (b)	X	3.8%	17.6%
Hispanic or Latino, percent, April 1, 2010 (b)	2.8%	3.3%	16.3%
White alone, not Hispanic or Latino, percent, July 1, 2015, (V2015)	X	64.2%	61.6%
White alone, not Hispanic or Latino, percent, April 1, 2010	39.6%	64.9%	63.7%
Population Characteristics			
Veterans, 2011-2015	1,185	2,467	20,108,332
Foreign born persons, percent, 2011-2015	4.9%	3.5%	13.2%
Housing			
Housing units, July 1, 2015, (V2015)	X	16,447	134,789,944
Housing units, April 1, 2010	7,519	16,326	131,704,730
Owner-occupied housing unit rate, 2011-2015	50.5%	64.3%	63.9%
Median value of owner-occupied housing units, 2011-2015	\$65,700	\$78,600	\$178,600
Median selected monthly owner costs -with a mortgage, 2011-2015	\$1,040	\$972	\$1,492
Median selected monthly owner costs -without a mortgage, 2011-2015	\$352	\$343	\$458
Median gross rent, 2011-2015	\$591	\$635	\$928
Building permits, 2015	X	98	1,182,582
Families and Living Arrangements			
Households, 2011-2015	6,087	13,901	116,926,305
Persons per household, 2011-2015	2.27	2.39	2.64
Living in same house 1 year ago, percent of persons age 1 year+, 2011-2015	77.2%	80.4%	85.1%
Language other than English spoken at home, percent of persons age 5 years+, 2011-2015	7.1%	5.5%	21.0%

Education

High school graduate or higher, percent of persons age 25 years+, 2011-2015	80.6%	81.3%	86.7%
Bachelor's degree or higher, percent of persons age 25 years+, 2011-2015	13.9%	12.9%	29.8%

Health

With a disability, under age 65 years, percent, 2011-2015	18.9%	14.7%	8.6%
Persons without health insurance, under age 65 years, percent	26.9%	17.3%	10.5%

Economy

In civilian labor force, total, percent of population age 16 years+, 2011-2015	45.6%	49.6%	63.3%
In civilian labor force, female, percent of population age 16 years+, 2011-2015	40.3%	45.7%	58.5%
Total accommodation and food services sales, 2012 (\$1,000) (c)	57,502	59,324	708,138,598
Total health care and social assistance receipts/revenue, 2012 (\$1,000) (c)	273,423	284,876	2,040,441,203
Total manufacturers shipments, 2012 (\$1,000) (c)	D	D	5,696,729,632
Total merchant wholesaler sales, 2012 (\$1,000) (c)	D	D	5,208,023,478
Total retail sales, 2012 (\$1,000) (c)	570,935	627,405	4,219,821,871
Total retail sales per capita, 2012 (c)	\$39,864	\$17,515	\$13,443

Transportation

Mean travel time to work (minutes), workers age 16 years+, 2011-2015	15.6	19.2	25.9
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Income and Poverty

Median household income (in 2015 dollars), 2011-2015	\$25,082	\$34,909	\$53,889
Per capita income in past 12 months (in 2015 dollars), 2011-2015	\$15,643	\$18,100	\$28,930
Persons in poverty, percent	36.3%	28.4%	13.5%

Businesses

Total employer establishments, 2015	X	865	7,663,938
Total employment, 2015	X	11,810	124,085,947
Total annual payroll, 2015 (\$1,000)	X	414,888	6,253,488,252
Total employment, percent change, 2014-2015	X	1.1%	2.5%
Total nonemployer establishments, 2014	X	1,854	23,836,937
All firms, 2012	1,569	2,898	27,626,360
Men-owned firms, 2012	844	1,483	14,844,597
Women-owned firms, 2012	534	1,054	9,878,397
Minority-owned firms, 2012	442	570	7,952,386
Nonminority-owned firms, 2012	1,007	2,195	18,987,918
Veteran-owned firms, 2012	215	384	2,521,682
Nonveteran-owned firms, 2012	1,181	2,320	24,070,685

Geography

Population per square mile, 2010	1,250.7	40.7	87.4
Land area in square miles, 2010	11.71	892.46	3,531,905.43
FIPS Code	1380956	13299	00

This geographic level of poverty and health estimates are not comparable to other geographic levels of these estimates

Some estimates presented here come from sample data, and thus have sampling errors that may render some apparent differences between geographies statistically indistinguishable. Click the Quick Info icon to the left of each row in TABLE view to learn about sampling error.

The vintage year (e.g., V2015) refers to the final year of the series (2010 thru 2015).
Different vintage years of estimates are not comparable.

(a) Includes persons reporting only one race

(b) Hispanics may be of any race, so also are included in applicable race categories

(c) Economic Census - Puerto Rico data are not comparable to U.S. Economic Census data

D Suppressed to avoid disclosure of confidential information

F Fewer than 25 firms

FN Footnote on this item in place of data

NA Not available

S Suppressed; does not meet publication standards

X Not applicable

Z Value greater than zero but less than half unit of measure shown

QuickFacts data are derived from: Population Estimates, American Community Survey, Census of Population and Housing, Current Population Survey, Small Area Health Insurance Estimates, Small Area Income and Poverty Estimates, State and County Housing Unit Estimates, County Business Patterns, Nonemployer Statistics, Economic Census, Survey of Business Owners, Building Permits.

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6. Community Work Program

Ware County 5-Year Community Work Program Update (2017 - 2021)

Project	Cost	Funding Source	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Responsibility	Goal
Transportation									
Construct Quad gate and quiet zone	\$500,000	GDOT, Ware County	X	X	X			GDOT, Ware County	8
Continue implementing Airport Capital Improvement Program as adopted by the County Commission	\$5 million	GDOT, Ware County, FAA, Federal Funds	X	X	X	X	X	GDOT, Ware County, FAA	8
Rehabilitate sidewalks and add bike lanes on Pinehurst and Tebeau Roads.	\$250,000	GDOT, Ware County	X	X				Ware County	8
Widen Hatcher Point Rd. from US 1 South to Knight Avenue	\$4 million	GDOT, Ware County, City of Waycross, Federal Funds	X	X	X			GDOT, Ware County, City of Waycross	8
Pave approximately 5 miles of dirt roads, including Driggers Lane, Wooddell Ridge Rd., and Merritt Drive	\$10 Million	SPLOST, Ware County	X	X	X	X	X	Ware County	8
Construct entire Perimeter Road, beginning at Smith Road going south from US 82 West (Corridor Z), crossing US 84 South near Wahoma, thence easterly and northerly crossing US 1 South, US 82 east, and Central Ave., intersecting US 84 north near Pierce County line, and continuing to US 1 North	\$80 Million	GDOT, Federal Funds			X	X	X	GDOT, Ware County	8
Construct overpass at State Street (US 1) and CSX's Atlanta Lead Line in conjunction with Perimeter Road project.	\$15 Million	GDOT, CSX, Ware County, City of Waycross, State & Federal Funds	X	X	X	X	X	GDOT, CSX, Ware County, City of Waycross	8
Widen Augusta Avenue/ Blackshear Avenue from US 82 to US 1.	\$3.8 Million	GDOT, Ware County, City of Waycross, SPLOST, Federal Funds		X	X	X	X	GDOT, Ware County, City of Waycross	8

Project	Cost	Funding Source	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Responsibility	Goal
Extend ABC Ave. or Red Oak Dr. across Kettle Creek to create additional access to the Jamestown area. (This project's focus has changed to complement the proposed RR rerouting project and is contingent on the routing of the proposed Perimeter Road as to whether it would be in conjunction with the Perimeter or a stand-alone in terms of funding.)	\$6 Million	GDOT, Ware County, Federal Funds			X	X	X	GDOT, Ware County	8
Natural and Cultural/Historic Resources									
Construct a raised boat ramp at the Waycross-Blackshear bridge area on the Satilla River.	\$100,000	Grants (LWCF, TEA 21), DNR			X	X	X	Ware County	4
Identify and protect prime agricultural soils in the county and protect with zoning and tax incentives.	\$25,000	Natural Resources Conservation Service Grants					X	Ware County, NRCS	4
Install signage, kiosk, and make maps available along the Satilla River Water Trail	\$3,000	Satilla Riverkeeper, Grants	X					Ware County, Satilla Riverkeeper	4
Land Use									
Develop a countywide Zoning Ordinance that includes the following: <ul style="list-style-type: none"> • Zoning districts appropriate to the character areas in the Comprehensive Plan. • Development standards to regulate the distribution of land uses and prevent the encroachment of incompatible land uses on each other. • Buffer areas between agricultural and non-agricultural uses. • Flexibility in land uses to allow for a compatible mix of uses, including boulevard housing. • Development standards to avoid undue concentration of population. • Standards for senior/adult living. • Standards and flexibility to encourage 	Staff time	State & Federal Grants, Ware County	X	X	X	X	X	Ware County	6, 1

Project	Cost	Funding Source	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Responsibility	Goal
infill development, re-use of blighted development, and redevelopment of declining and revitalizing areas. <ul style="list-style-type: none"> Sufficient flexibility to encourage creative design, green space, and open space. Specific roles for each corridor to encourage revitalization. Standards to support additional growth in rural areas only where such growth is planned for and can be supported by appropriate services. Standards for property upkeep and screening. Limited mixed-use districts of compatible uses to serve neighborhood needs and create focal community points. 									
Create a GPS database of bridges, box culverts, and infrastructure.	\$10,000	Ware County	X	X				Ware County	6, 7
Protect land adjacent to or close to the airport from haphazard development by zoning for airport-related industries.	\$5,000	State & Federal Grants, Ware County				X	X	Ware County	6, 2
Community Facilities and Services									
Replace fencing, construct batting cages, and expand maintenance facility at Trembling Earth Recreational Facility	\$200,000	SPLOST, State & Federal Grants, Ware County	X	X	X	X		Ware County	7
Construct a new South Side fire station	\$400,000	State & Federal Grants, Ware County			X	X	X	Ware County	7
Construct and maintain a comprehensive regional training facility/academy for police, fire, and emergency medical services. Complete tower, "burn" building, and paving/drainage.	\$500,000	State & Federal Grants, Ware County, City of Waycross, SPLOST		X	X	X	X	Ware County, City of Waycross	7
Construct Phases V and VI of multipurpose recreation center (Regional Park)	\$5 Million	State & Federal Grants, Ware County SPLOST					X	Ware County	7

Project	Cost	Funding Source	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Responsibility	Goal
Develop a recycling program in collaboration with federal, state, and local partners	\$100,000	Ware County, State & Federal Grants		X	X	X		Ware County	4, 7
Economic Development									
Conduct an assessment of vacant buildings and other existing buildings available for industry.	\$5,000	Ware County, City of Waycross, State & Federal Grants, WWDA	X	X				Ware County, City of Waycross, WWDA, Ga. Dept. of Economic Development	2
Develop an inventory of large tracts of land suitable for larger businesses.	Staff time	Ware County, City of Waycross, State & Federal Grants, WWDA	X	X				Ware County, City of Waycross, WWDA, Ga. Dept. of Economic Development	2
Develop an inventory of additional developable property close to rail lines.	Staff time	Ware County, City of Waycross, State & Federal Grants, WWDA	X	X				Ware County, City of Waycross, WWDA, Ga. Dept. of Economic Development	2
Create a marketing plan to capitalize on Ware County's proximity to the three major ports of Brunswick, Jacksonville, and Savannah.	Staff time	Ware County, City of Waycross, Chamber of Commerce, DWDA, WWDA, State & Federal Grants	X	X	X			Ware County, City of Waycross, Chamber of Commerce, DWDA, WWDA	2
Create a marketing plan to raise awareness of the Industrial Park's proximity to the local airport.	Staff time	Ware County, City of Waycross, Chamber of Commerce, DWDA, WWDA, State & Federal Grants	X	X	X			Ware County, City of Waycross, Chamber of Commerce, DWDA, WWDA	2
Create a marketing plan to raise awareness of the 5 direct rail lines in Waycross/Ware County, including rail in the Industrial Park.	Staff time	Ware County, City of Waycross, Chamber of Commerce, DWDA, WWDA, State & Federal Grants	X	X	X			Ware County, City of Waycross, Chamber of Commerce, DWDA, WWDA	2
Continue implementing a program to collaborate with federal, state, and local partners to develop local agricultural industry (such as blueberries, pine straw, honey, turpentine, compost, etc.)	\$200,000	Ware County, City of Waycross, Chamber of Commerce, State & Federal Grants	X	X	X	X	X	Ware County, City of Waycross	2

Project	Cost	Funding Source	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Responsibility	Goal
Extend water, sewer, gas, power, and telecommunication lines, as well as railways and roads, to the Industrial Park and other areas suited for economic development	\$10 million	Ware County, City of Waycross, State & Federal Grants, WWDA	X	X	X	X	X	Ware County, City of Waycross,	2
Housing									
None listed.									
Intergovernmental Coordination									
Design joint collateral marketing materials and public relations tools to market Ware County/Waycross to tourists and businesses.	Staff time	Ware County, City of Waycross, Chamber of Commerce, DWDA, WWDA, State & Federal Grants	X	X	X			Ware County, City of Waycross, Chamber of Commerce, DWDA, WWDA	9

City of Waycross 5-Year Community Work Program Update
(2017 - 2021)

Project	Cost	Funding Source	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Responsibility	Goal
Transportation									
Redirect US 1 via State to Tebeau, Carswell, and Memorial Drive, with associated improvements	\$5 million	GDOT, State & Federal Grants	X	X	X	X	X	City of Waycross, GDOT	8
Pave, grade, and otherwise improve approximately 7 miles of dirt roads citywide	\$7 million	City of Waycross, State & Federal Grants, GDOT	X	X	X	X	X	City of Waycross	8
Resurface approximately 70 miles of city streets, as listed in the Capital Improvement Program	\$21 million	City of Waycross, State & Federal Grants, GDOT	X	X	X	X	X	City of Waycross, GDOT	8
Upgrade traffic signals at 6 intersections	\$1.5 million	GDOT, State & Federal Grants	X	X	X	X	X	City of Waycross, GDOT	8
Conduct traffic studies to identify the most efficient traffic flows through Waycross	\$100,000	GDOT State & Federal Grants				X	X	City of Waycross, GDOT	8
Make improvements to Downtown streetscapes, including bump-outs at intersections, pole banners, benches, and light poles	\$3 million	State & Federal Grants	X	X	X			City of Waycross	8
Implement DOT Priorities - Traffic Lights and Paving	\$750,000	GDOT	X	X	X	X	X	City of Waycross, GDOT	8
Construct Phase 2 (1 mile) of the Multi-Use Trail	\$1 million	Grants (TEA, etc.)				X	X	City of Waycross	5, 7, 8
Natural and Cultural/Historic Resources									
Maintain and restore canals with stabilization, vegetation control, and cleanup.	\$200,000	State & Federal Grants, SPLOST				X	X	City of Waycross	4
Renovate/rehab 3 historic Downtown buildings (Bunn building, Bowen building, and Lyric theater)	\$15 million	State & Federal Grants			X	X	X	City of Waycross	5

Project	Cost	Funding Source	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Responsibility	Goal
Conduct a marketing campaign to promote tourist attractions such as Obediah's Okefenok, Wildes Massacre Site, the Heritage Center, Laura Walker State Park, Okefenokee Swamp Park, and the Satilla River Water Trail.	Staff time	State & Federal Grants, agency budgets, tourism dollars	X	X	X	X	X	Tourism Bureau, City of Waycross, Ware County, Chamber of Commerce, Hospitality Industry	4, 5
Land Use									
Develop zoning districts appropriate to the character areas in the Comprehensive Plan.	Staff time	City of Waycross, Ware County, State & Federal Grants	X	X				City of Waycross, Ware County	6
Redevelop approximately 20 acres of vacant/underutilized parcels, including the Almar parcel	\$40 million	City of Waycross, Ware County, State & Federal Grants	X	X	X	X	X	City of Waycross	6, 2
Develop design guidelines for the Crossroads gateways and corridors, including signage and landscaping.	Staff time	State & Federal Grants, City of Waycross, Ware County	X	X				City of Waycross, Ware County	6
Community Facilities and Services									
Improve and/ or Replace infrastructure, including sewer, water, street and drainage improvements, as listed in the adopted Capital Improvement Program	\$20 million	City of Waycross, State & Federal Grants	X	X	X	X	X	City of Waycross	7
Construct new Public Works facility	\$1,343,000	City of Waycross, State & Federal Grants, SPLOST	X	X				City of Waycross	7
Continue updating of city parks to improve all recreational facilities, including playground facilities, restrooms, and lighting (including Bailey St., Camilla, E. E. Moore, Elizabeth, Garlington, Gilchrist, Monroe, Parnell, and Roberts Parks, and others)	\$1 million	State & Federal Grants	X	X	X	X	X	City of Waycross	7

Project	Cost	Funding Source	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Responsibility	Goal
Make aesthetic improvements to the trailhead area on the Multi-Use Trail, including improving the exteriors of buildings around the trailhead.	\$200,000	Grants	X	X	X			City of Waycross	2, 7, 8
Conduct a complete renovation/rehabilitation of the National Guard Armory	\$2,000,000	City of Waycross State & Federal Grants	X	X				City of Waycross	7
Build an additional Fire Station (Fire Station #4)	\$2,500,000	City of Waycross State & Federal Grants	X	X	X			City of Waycross	7
Renovate Fire Stations #1, #2, and #3, including new roofs, bedroom remodel in #2, and bedrooms in #3	\$1 million	City of Waycross State & Federal Grants, SPLOST	X	X	X	X		City of Waycross	7
Renovate/revitalize the Bailey Street School, Colley Street School, and Grove Street Recreation Center brownfield sites	\$10 million	City of Waycross State & Federal Grants		X	X	X	X	City of Waycross	7
Assess Sewer and water systems in the City to address system deteriorations and to program capital upgrades (Phases I – IV).	Staff time	City of Waycross, State & Federal Grants		X	X			City of Waycross	7
Research and apply for funding and grants to provide paid Fire and EMS services for Ware County and the City of Waycross.	Staff time	City of Waycross, State & Federal Grants	X	X				City of Waycross, Ware County	7
Evaluate and implement flood control measures and floodplain management measures	\$500,000	City of Waycross, State & Federal Grants	X	X	X	X	X	City of Waycross, EPD, FEMA	7
Develop and expand Reclaimed Water ("Purple-Pipe") System.	\$500,000	City of Waycross, State & Federal Grants					X	City of Waycross	7
Purchase 1 fire safety trailer	\$100,000	Grants	X	X				City of Waycross	7

Project	Cost	Funding Source	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Responsibility	Goal
Purchase 50 SCBA units for firefighters	\$200,000	Grants		X	X			City of Waycross	7
Purchase air fill station (cascade system) for firefighters' SCBA units	\$100,000	Grants	X	X				City of Waycross	7
Purchase 33 portable radios for firefighters	\$97,000	Grants	X					City of Waycross	7
Purchase 19 sets of turnout gear for firefighters	\$30,000	Grants	X			X		City of Waycross	7
Economic Development									
Acquire property for expansion of the Industrial Park, and develop with utilities and other necessary infrastructure	\$20 million	City of Waycross, State & Federal Grants			X	X	X	WWDA, City of Waycross, Ware County	2
Implement a collaborative group process for the reclamation of the old business district of Oak Street between Tebeau Street and Vernon Willis Drive, beginning with aggressive code enforcement.	\$30,000	City of Waycross, State & Federal Grants	X	X	X			City of Waycross, Ware County	2
Implement a process for the revitalization of the Southside and Carswell Avenue neighborhoods, including sidewalks, curb & gutter, water and sewer infrastructure, street resurfacing, and drainage	\$1.2 million	City of Waycross, State & Federal Grants	X	X	X			City of Waycross	2
Housing									
Implement an aggressive program to pursue grants for rehabilitation/renewal of approximately 50 homes in targeted areas	\$1.5 million	City of Waycross, State & Federal Grants			X	X	X	City of Waycross, Ware County	3
Deploy new street signage citywide to comply with federal retro-reflectivity standards	\$250,000	City of Waycross, State & Federal Grants	X	X				City of Waycross	3, 8

Project	Cost	Funding Source	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Responsibility	Goal
Develop standards and incentives to protect residential neighborhoods from encroachment of non-residential uses.	Staff time	City of Waycross, State & Federal Grants	X	X				City of Waycross, Ware County	3
Develop, improve, and enforce zoning standards for property upkeep and screening.	Staff time	City of Waycross, State & Federal Grants	X	X				City of Waycross, Ware County	3
Intergovernmental Coordination									
None identified.									



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GEORGIA DEPARTMENT OF REVENUE
Local Government Services Division
County Digest Section

2016 TAX DIGEST CONSOLIDATED SUMMARY

County:WARE County #:148 Tax District:WARE COUNTY

Dist #: 00 Assessment %: 040 Tot Parcels:20773

RESIDENTIAL				UTILITY			
Code	Count	Acres	40% Value	Code	Count	Acres	40% Value
R1	11,888		253,420,752	U1	0		0
R3	13,802	10,672.1	44,850,907	U2	44	0	83,572,194
R4	3,379	20,502.74	16,702,940	U3	29	32.75	43,234
R5	33	1,163.94	658,264	U4	4	32.32	22,284
R6	13,516		13,723,359	U5	0	0	0
R7	0	0	0	U7	0	0	0
R9	0	0	0	U9	0	0	0
RA	9		143,280	UA	0		0
RB	2,065		2,120,934	UB	0		0
RF	4		4,441	UF	0		0
RI	0		0	UZ	0		0
RZ	0		0	EXEMPT PROPERTY			
RESIDENTIAL TRANSITIONAL				Code	Count	40% Value	
Code	Count	Acres	40% Value	E0	19	907,030	
T1	22		253,592	E1	894	107,514,639	
T3	8	6.64	375,136	E2	794	32,032,561	
T4	0	0	0	E3	198	12,204,074	
HISTORIC				E4	21	1,522,641	
Code	Count	Acres	40% Value	E5	96	9,746,615	
H1	11		638,242	E6	184	19,943,322	
H3	2	0.79	14,095	E7	0	0	
AGRICULTURAL				E8	0	0	
Code	Count	Acres	40% Value	E9	58	4,692,795	
A1	861		12,488,933				
A3	7	10	24,460	TOTAL	2,264	188,563,677	
A4	95	309.48	211,120	HOMESTEAD AND PROPERTY EXEMPTIONS			
A5	722	67,724.71	25,901,757	Code	Count	M&O	Bond
A6	866		1,383,452	S1	4,473	8,944,179	0
A7	0	0	0	SC	338	676,000	0
A9	16	0	13,235	S2	0	0	0
AA	0		0	S3	198	396,000	0
AB	5		7,856	S4	1,753	6,996,582	0
AF	0		0	S5	113	3,445,056	0
AI	0		0	SD	44	1,713,895	0
AZ	0		0	SS	1	39,447	0
PREFERENTIAL				SE	0	0	0
Code	Count	Acres	40% Value	SG	0	0	0

P3	9	95.69	160,103
P4	92	1,334.44	814,993
P5	24	1,907.51	861,941
P6	43		90,525
P7	0	0	0
P9	0	0	0

CONSERVATION USE

Code	Count	Acres	40% Value
V3	9	115.35	772,712
V4	129	2,316.83	1,590,890
V5	783	105,423.62	44,550,604
V6	689		1,954,863

BROWNFIELD PROPERTY

Code	Count	Acres	40% Value
B1	0		0
B3	0	0	0
B4	0	0	0
B5	0	0	0
B6	0		0

FOREST LAND CONSERVATION USE

Code	Count	Acres	40% Value
J3	0	0	0
J4	4	53.17	26,244
J5	224	131,215.63	39,965,085
J9	0	0	0

FLPA FAIR MARKET ASSMT

Code	Count	Acres	40% Value
F3	0	0	0
F4	4	53.17	21,124
F5	224	131,215.63	13,209,857
F9	0	0	0

Total	228	131,268.8	13,230,981
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ENVIRONMENTALLY SENSITIVE

Code	Count	Acres	40% Value
W3	0	0	0
W4	0	0	0
W5	0	0	0

COMMERCIAL

Code	Count	Acres	40% Value
C1	3,331		85,272,835
C3	1,531	1,640.19	36,812,965
C4	48	252.64	698,763
C5	3	101.95	806,098
C7	0	0	0
C9	0	0	0
CA	1		2,958,693
CB	4		518
CF	1,177		32,193,470
CI	706		30,357,408
CP	12		4,228,385
CZ	7		22,490

INDUSTRIAL

Code	Count	Acres	40% Value
I1	194		11,208,389
I3	81	525.88	1,526,646
I4	3	57.65	83,265
I5	0	0	0

S6	0	0	0
S7	0	0	0
S8	0	0	0
S9	0	0	0
SF	20	12,574,103	0
SA	125	481,894	0
SB	0	0	0
SP	2,239	1,565,144	0
SH	2	466,310	0
ST	8	344,864	0
SV	921	28,746,534	0
SJ	228	22,582,260	0
SW	0	0	0
SX	0	0	0
SN	0	0	0

DO NOT USE CODES L1-L9 ON STATE SHEET

L1	11	135,857	0
L2	0	0	0
L3	3	15,273	0
L4	61	616,948	0
L5	0	0	0
L6	0	0	0
L7	0	0	0
L8	0	0	0
L9	4,134	44,861,873	0

TOTAL	14,672	134,602,219	0
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SUMMARY

Code	Count	Acres	40% Value
Residential	44,696	32,338.78	331,624,877
Residential Transitional	30	6.64	628,728
Historical	13	0.79	652,337
Agricultural	2,572	68,044.19	40,030,813
Preferential	168	3,337.64	1,927,562
Conservation Use	1,610	107,855.8	48,869,069
Brownfield Property	0	0	0
Forest Land Cons Use	228	131,268.8	39,991,329
Environmentally Sensitive	0	0	0
Commercial	6,820	1,994.78	193,351,625
Industrial	310	583.53	29,265,919
Utility	77	65.07	83,637,712
Motor Vehicle	19,283		32,783,960
Mobile Home	2,261		10,042,447
Timber 100%	183	64,790.83	11,757,348
Heavy Equipment	4		42,169
Gross Digest	78,255	410,286.85	824,605,895
Exemptions Bond			0
Net Bond Digest			824,605,895
Gross Digest	78,255	410,286.85	824,605,895
Exemptions- M&O			134,602,219
Net M&O Digest			690,003,676

				TAX LEVIED			
I7	0	0	0				
I9	0	0	0	TYPE	ASSESSED VALUE	MILLAGE	TAX
IA	0		0				
IB	0		0	M & O	690,003,676	.000	0.00
IF	12	5,400,179		BOND	824,605,895	.000	0.00
II	11	2,538,430					
IP	8	8,345,718					
IZ	1	163,292					

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GEORGIA DEPARTMENT OF REVENUE
Local Government Services Division
County Digest Section

2016 TAX DIGEST CONSOLIDATED SUMMARY

County:WARE County #:148 Tax District:WAYCROSS

Dist #: 50 Assessment %: 040 Tot Parcels:8910

RESIDENTIAL				UTILITY			
Code	Count	Acres	40% Value	Code	Count	Acres	40% Value
R1	5,172		89,740,485	U1	0		0
R3	7,599	2,154.22	13,849,194	U2	31	0	42,175,792
R4	1	6.2	55,626	U3	17	17.98	30,014
R5	0	0	0	U4	4	32.32	22,284
R6	4,197		2,628,611	U5	0	0	0
R7	0	0	0	U7	0	0	0
R9	0	0	0	U9	0	0	0
RA	0		0	UA	0		0
RB	393		330,354	UB	0		0
RF	2		2,441	UF	0		0
RI	0		0	UZ	0		0
RZ	0		0	EXEMPT PROPERTY			
RESIDENTIAL TRANSITIONAL				Code	Count	40% Value	
Code	Count	Acres	40% Value	E0	15	779,902	
T1	13		139,217	E1	511	32,184,911	
T3	6	2.66	147,840	E2	445	16,241,584	
T4	0	0	0	E3	152	11,357,376	
HISTORIC				E4	5	868,473	
Code	Count	Acres	40% Value	E5	88	8,988,976	
H1	11		638,242	E6	104	13,627,748	
H3	2	0.79	14,095	E7	0	0	
AGRICULTURAL				E8	0	0	
Code	Count	Acres	40% Value	E9	16	1,019,402	
A1	1		2				
A3	0	0	0	TOTAL	1,336	85,068,372	
A4	0	0	0	HOMESTEAD AND PROPERTY EXEMPTIONS			
A5	0	0	0	Code	Count	M&O	Bond
A6	0		0	S1	0	0	0
A7	0	0	0	SC	0	0	0
A9	0	0	0	S2	0	0	0
AA	0		0	S3	0	0	0
AB	0		0	S4	0	0	0
AF	0		0	S5	49	1,240,718	0
AI	0		0	SD	13	480,874	0
AZ	0		0	SS	1	39,447	0
PREFERENTIAL				SE	0	0	0
Code	Count	Acres	40% Value	SG	0	0	0

P3	0	0	0	S6	0	0	0
P4	0	0	0	S7	0	0	0
P5	0	0	0	S8	0	0	0
P6	0		0	S9	0	0	0
P7	0	0	0	SF	6	1,916,386	0
P9	0	0	0	SA	0	0	0
CONSERVATION USE				SB	0	0	0
Code Count	Acres	40% Value		SP	619	506,212	0
V3	1	4.95	148,889	SH	2	466,310	0
V4	0	0	0	ST	6	127,601	0
V5	0	0	0	SV	1	148,040	0
V6	0		0	SJ	0	0	0
BROWNFIELD PROPERTY				SW	0	0	0
Code Count	Acres	40% Value		SX	0	0	0
B1	0		0	SN	0	0	0
B3	0	0	0	DO NOT USE CODES L1-L9 ON STATE SHEET			
B4	0	0	0	L1	8	102,041	0
B5	0	0	0	L2	0	0	0
B6	0		0	L3	2	14,139	0
FOREST LAND CONSERVATION USE				L4	40	522,455	0
Code Count	Acres	40% Value		L5	0	0	0
J3	0	0	0	L6	0	0	0
J4	0	0	0	L7	0	0	0
J5	0	0	0	L8	0	0	0
J9	0	0	0	L9	1,358	10,122,961	0
FLPA FAIR MARKET ASSMT				TOTAL	2,105	15,687,184	0
Code Count	Acres	40% Value		SUMMARY			
F3	0	0	0	Code	Count	Acres	40% Value
F4	0	0	0	Residential	17,364	2,160.42	106,606,711
F5	0	0	0	Residential	19	2.66	287,057
F9	0	0	0	Transitional	13	0.79	652,337
Total				Historical	1	0	2
ENVIRONMENTALLY SENSITIVE				Agricultural	0	0	0
Code Count	Acres	40% Value		Preferential	0	0	0
W3	0	0	0	Conservation	1	4.95	148,889
W4	0	0	0	Use			
W5	0	0	0	Brownfield	0	0	0
COMMERCIAL				Property			
Code Count	Acres	40% Value		Forest Land	0	0	0
C1	2,310	67,324,580		Cons Use			
C3	1,201	986.74	30,215,990	Environmentally	0	0	0
C4	1	1	87,120	Sensitive			
C5	1	31.81	679,536	Commercial	4,802	1,019.55	140,465,236
C7	0	0	0	Industrial	77	38.18	1,754,592
C9	0	0	0	Utility	52	50.3	42,228,090
CA	0		0	Motor Vehicle	5,287		9,155,680
CB	1		80	Mobile Home	310		945,609
CF	783	20,556,343		Timber 100%	0	0	0
CI	499	19,685,201		Heavy	0		0
CP	6	1,916,386		Equipment			
CZ	0		0	Gross Digest	27,926	3,276.85	302,244,203
INDUSTRIAL				Exemptions			0
Code Count	Acres	40% Value		Bond			
I1	37	1,277,956		Net Bond Digest			302,244,203
I3	35	29.83	136,254	Gross Digest	27,926	3,276.85	302,244,203
I4	1	8.35	52,377	Exemptions-			15,687,184
				M&O			
				Net M&O Digest			286,557,019

				TAX LEVIED			
I5	0	0	0				
I7	0	0	0	TYPE	ASSESSED VALUE	MILLAGE	TAX
I9	0	0	0				
IA	0		0	M & O	286,557,019	10.998	3,151,554.09
IB	0		0	BOND	302,244,203	.000	0.00
IF	3	149,052					
II	1	138,953					
IP	0		0				
IZ	0		0				

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Appendix C



A Program of the Georgia Forestry Commission
with support from the U.S. Forest Service

Community Wildfire Protection Plan *An Action Plan for Wildfire Mitigation and Conservation of Natural Resources*

Ware County

May 1, 2009



SEPT 20, 2009

Prepared by;
Nickie Jordan, Chief Ranger Ware County
Bo Chesser, Sr Forester Waycross District
Will Fell CWPP Specialist
Georgia Forestry Commission
2999 Forest Rd
Waycross GA 31503

The following report is a collaborative effort among various entities; the representatives listed below comprise the core decision-making team responsible for this report and mutually agree on the plan's contents:

Gail Boyd
County Manager, Ware County
(912) 287-4414
gbarronboyd@warecounty.com

Dennis Keen
Chief Ware County Fire & Rescue
(912) 287-4460
dkeen@warecounty.com

Jonathan Daniell
Director Ware County EMA
(912) 287-4394
jdaniell@warecounty.com

Mark Walker
Director Ware County EMS
(912) 287-4454
mwalker@warecounty.com

Diane May
GA Emergency Management
(912) 266-5421
diane.may@gema.ga.gov

Nickie Jordan
Chief Ranger, Ware County Forestry Unit
(912) 338-5967
njordan@gfc.state.ga.us

Bo Chesser
Sr. Forester Waycross District GFC
(912) 287-4915
bchesser@gfc.state.ga.us

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Ware County Wildfire Pre-suppression Plan

NFPA 1141 Standard for Fire Protection Infrastructure for Land Development in
Suburban and Rural Areas.

I. OBJECTIVES

The mission of the following report is to set clear priorities for the implementation of wildfire mitigation in Ware County. The plan includes prioritized recommendations for the appropriate types and methods of fuel reduction and structure ignitability reduction that will protect this community and its essential infrastructure. It also includes a plan for wildfire suppression. Specifically, the plan includes community-centered actions that will:

- Educate citizens on wildfire, its risks, and ways to protect lives and properties,
- Support fire rescue and suppression entities,
- Focus on collaborative decision-making and citizen participation,
- Develop and implement effective mitigation strategies, and
- Develop and implement effective community ordinances and codes.

II. COMMUNITY COLLABORATION

The core team convened in November of 2008 to assess risks and develop the Community Wildfire Protection Plan. The group is comprised of representatives from local government, local fire authorities, and the state agency responsible for forest management. Below are the groups included in the task force:

Ware County Government

Fire Rescue

Emergency Management

Board of County Commissioners

City Of Waycross

Public Safety Department

Georgia Forestry Commission

US Fish & Wildlife Service

It was decided to conduct community assessments on the basis of selected communities within the county. The chiefs and captains of Ware County Fire And Rescue assessed their districts and reconvened in April of 2009 for the purpose of completing the following:

Risk Assessment	Assessed wildfire hazard risks and prioritized mitigation actions.
Fuels Reduction	Identified strategies for coordinating fuels treatment projects.
Structure Ignitability	Identified strategies for reducing the ignitability of structures within the Wildland interface.
Emergency Management	Forged relationships among local government and fire districts and developed/refined a pre-suppression plan.
Education and Outreach	Developed strategies for increasing citizen awareness and action and to conduct homeowner and community leader workshops.

III. COMMUNITY BACKGROUND AND EXISTING SITUATION

Community Background

Ware County, in extreme southeast Georgia, was formed when Appling County was divided by the state legislature on December 15, 1824. It was named for a man who never visited the area, Nicholas Ware, an active politician known for his flamboyant lifestyle. The lower portion of the county forms a major part of the Okefenokee Swamp. Waycross, the county seat, is about 100 miles northwest of Jacksonville, Florida.

The defining of county lines did not stop conflict with the Native Americans, who resented the crossing of old borders, regardless of any treaties. The Wildes Massacre, the last slaughter by the Indians in Georgia, occurred in Ware County in 1838, during the Second Seminole War. Nine people were killed by a group of Creek warriors, who escaped into the vast Okefenokee Swamp.

One of Ware County's borders is the Satilla River, which in the mid- to late 1800s became a busy locale for rafting yellow longleaf pine to sawmills on the coast. The Okefenokee Swamp offered cypress trees, and the famed Hebardville Cypress Mill, considered the largest such operation in the world at its peak period, also underscored this area as a timber cutter's paradise. Unique here at the turn of the century was the narrow-gauge railroad that snaked its way from Ware County's Hebardville to Billys Island in the Okefenokee, transporting cut cypress to the mill.

Ware County was known as a place where trails and roads met, the reason for Waycross's name.

The Indian paths along which many early roads were cut headed toward Trader's Hill, Coleraine, and Camp Pinckney on the St. Marys River, or to Burnt Fort on the Satilla. Later, the stagecoach would find one of its major relay stations at Peter Bedford's Tavern in the county seat of Waresboro. The county's position as a transportation hub continued to strengthen with the coming of the railroad and the 1874 formation of Waycross, which became the new county seat.

Contributing to the county's educational growth are Waycross College and Okefenokee Technical College, which offer, besides their regular curricula, various programs beneficial to everyone in the community. Southern Forest World, the Okefenokee Heritage Center, the Okefenokee Swamp Park, and Obediah's Okefenok also offer both educational programs and entertainment for the public and tourists.

The Downtown Waycross Development Authority has successfully encouraged new businesses to come into the once flourishing downtown.

Phase I of the new Trembling Earth Recreation Complex has turned into Phase II, with Phase III of the Ware County plan waiting in the wings. Ware County is known as southeast Georgia's regional retail center, and many buyers come daily from the surrounding counties to make purchases. With this growth in both the city and county, new buildings and plants are on the drawing boards for expansion in what is still called "This Magic Wilderness."

According to the U.S. census the county population in 2000 was 35,483, with 69.7 percent of its residents white, 28 percent black, and 1.9 percent Hispanic. The county encompasses 903 square miles.

(Courtesy *New Georgia Encyclopedia*)

Existing Situation

Ware County is the largest county in land area in Georgia. Forestland covers approximately 89% of the county's land area. While about one third of the county, mostly south of the city of Waycross, is located within the confines of the Okefenokee National Wildlife Refuge and the Dixon State Forest, there are still significant large expanses of timber and wildlands to the immediate southwest and southeast of town along with major stretches of pine flatwoods with high fuel loadings to the west and northwest of Waycross including many smaller communities such as Manor, Dixie Union, Millwood, Waresboro, Pebble Hill, Bickley and Jamestown.

Ware County outside of Waycross is protected by the Ware County Fire and Rescue. The Main Station located in the Industrial Park northwest of Waycross is staffed full time with paid firefighters while the nine outlying stations, well distributed around the county are staffed with volunteer responders. The City of Waycross is covered by three stations staffed with full time firefighters. The Georgia Forestry Commission maintains and staffs a county protection unit located in the Industrial Park just northwest of the city to respond to wildland fires. This station is centrally located to cover the private timberlands and wildlands within Ware County.

The city of Waycross is serviced with a modern pressurized water system with hydrants along with adjacent areas of the county around the Industrial Park, Emerson Park area and the area off US 1 southeast of the city.

Over the past fifty years, Ware County has averaged around 127 reported wildfires a year with almost 50% of these occurring during February, March April and May. These fires have burned an average of 746 acres a year over the same period (excluding the large fire of 2007), though generally there has been some slight decrease since the advent of burning permits the past 20 years. However the seasonality of both the numbers of fires and acres burned has evened out somewhat over this period.

The leading cause of fires in Ware County has been debris burning accounting for about 35% of the fires and about 25% of the acres lost. The second and third leading causes of fires were incendiary or arson and railroads accounting for 16% and 15% respectively of the fires reported and 19% and 20% of the acres lost.

Georgia Forestry Commission wildfire records show that in the past five years, 23 homes have been lost or damaged by wildfire in Ware County resulting in estimated losses of \$10,000,000 along with 15 outbuildings valued at \$50,105,000. According to reports during this period 546 homes have been directly or indirectly threatened by these fires. Additionally 101 vehicles valued at \$265,100 and 6 pieces of other mechanized equipment suffered damages estimated at \$30,000. This is a substantial loss of non timber property attributed to wildfires in Ware County.



V. COMMUNITY WILDFIRE RISK ASSESSMENT

The Wildland-Urban Interface

There are many definitions of the Wildland-Urban Interface (WUI), however from a fire management perspective it is commonly defined as an area where structures and other human development meet or intermingles with undeveloped wildland or vegetative fuels. As fire is dependent on a certain set of conditions, the National Wildfire Coordinating Group has defined the wildland-urban interface as a set of conditions that exists in or near areas of wildland fuels, regardless of ownership. This set of conditions includes type of vegetation, building construction, accessibility, lot size, topography and other factors such as weather and humidity. When these conditions are present in certain combinations, they make some communities more vulnerable to wildfire damage than others. This “set of conditions” method is perhaps the best way to define wildland-urban interface areas when planning for wildfire prevention, mitigation, and protection activities.

There are three major categories of wildland-urban interface. Depending on the set of conditions present, any of these areas may be at risk from wildfire. A wildfire risk assessment can determine the level of risk.

1. “Boundary” wildland-urban interface is characterized by areas of development where homes, especially new subdivisions, press against public and private wildlands, such as private or commercial forest land or public forests or parks. This is the classic type of wildland-urban interface, with a clearly defined boundary between the suburban fringe and the rural countryside.

2. “Intermix” wildland-urban interface areas are places where improved property and/or structures are scattered and interspersed in wildland areas. These may be isolated rural homes or an area that is just beginning to go through the transition from rural to urban land use.

3. “Island” wildland-urban interface, also called occluded interface, are areas of wildland within predominately urban or suburban areas. As cities or subdivisions grow, islands of undeveloped land may remain, creating remnant forests. Sometimes these remnants exist as parks, or as land that cannot be developed due to site limitations, such as wetlands.

(courtesy *Fire Ecology and Wildfire Mitigation in Florida* 2004)

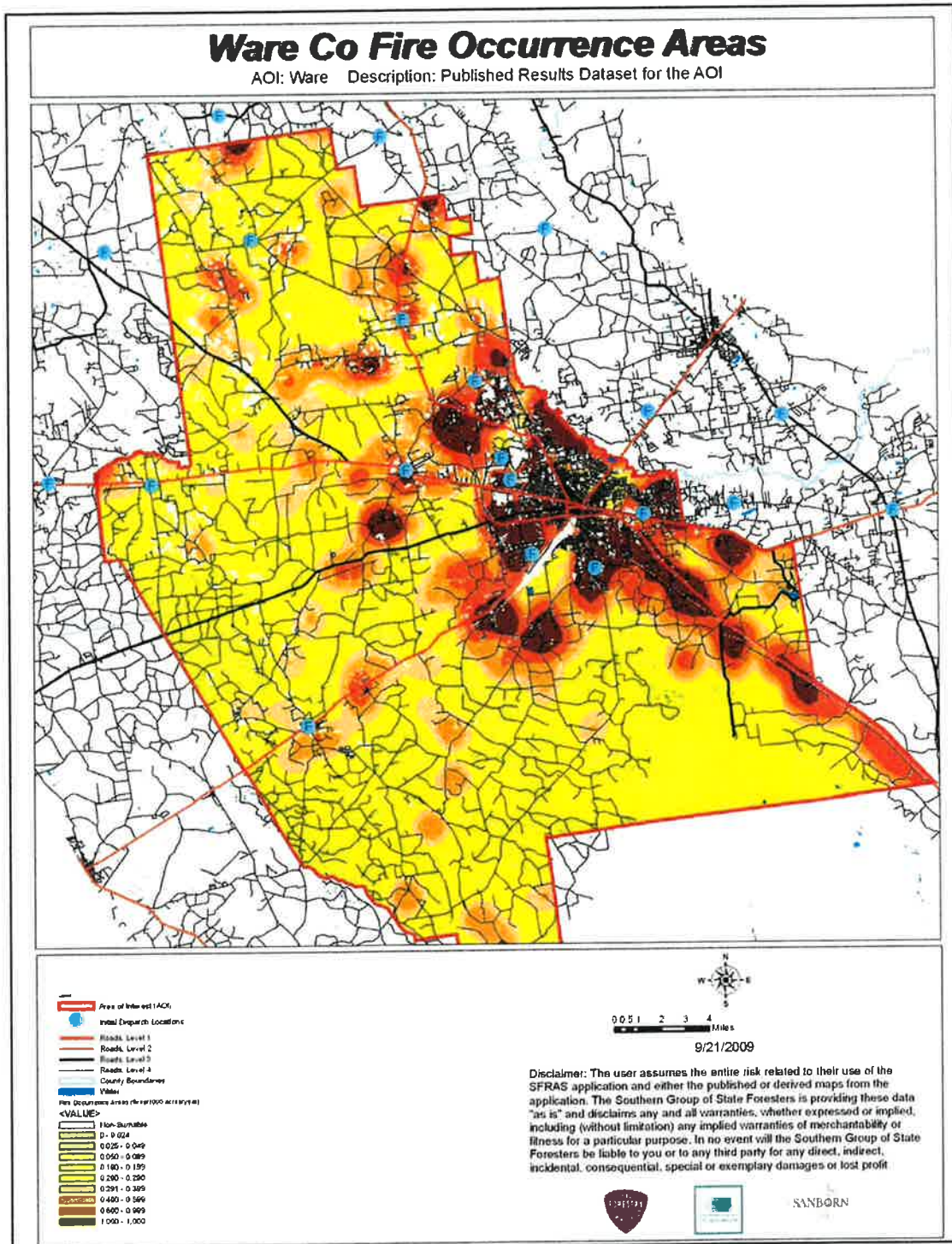
The wildland fire risk assessments conducted in 2009 by the Ware County Fire and Rescue and the Waycross Fire Department returned an average score of 115, placing Ware County in the “high” moderate range. The risk assessment instrument used to evaluate wildfire hazards to Ware County’s WUI was the Woodland Community Wildfire Hazard Risk Assessment Checklist. The instrument takes into consideration accessibility, vegetation (based on fuel models), topography, roofing assembly, building construction, and availability of fire protection resources, placement of gas and electric utilities, and additional rating factors. The following factors contributed to the wildfire hazard score for Ware County:

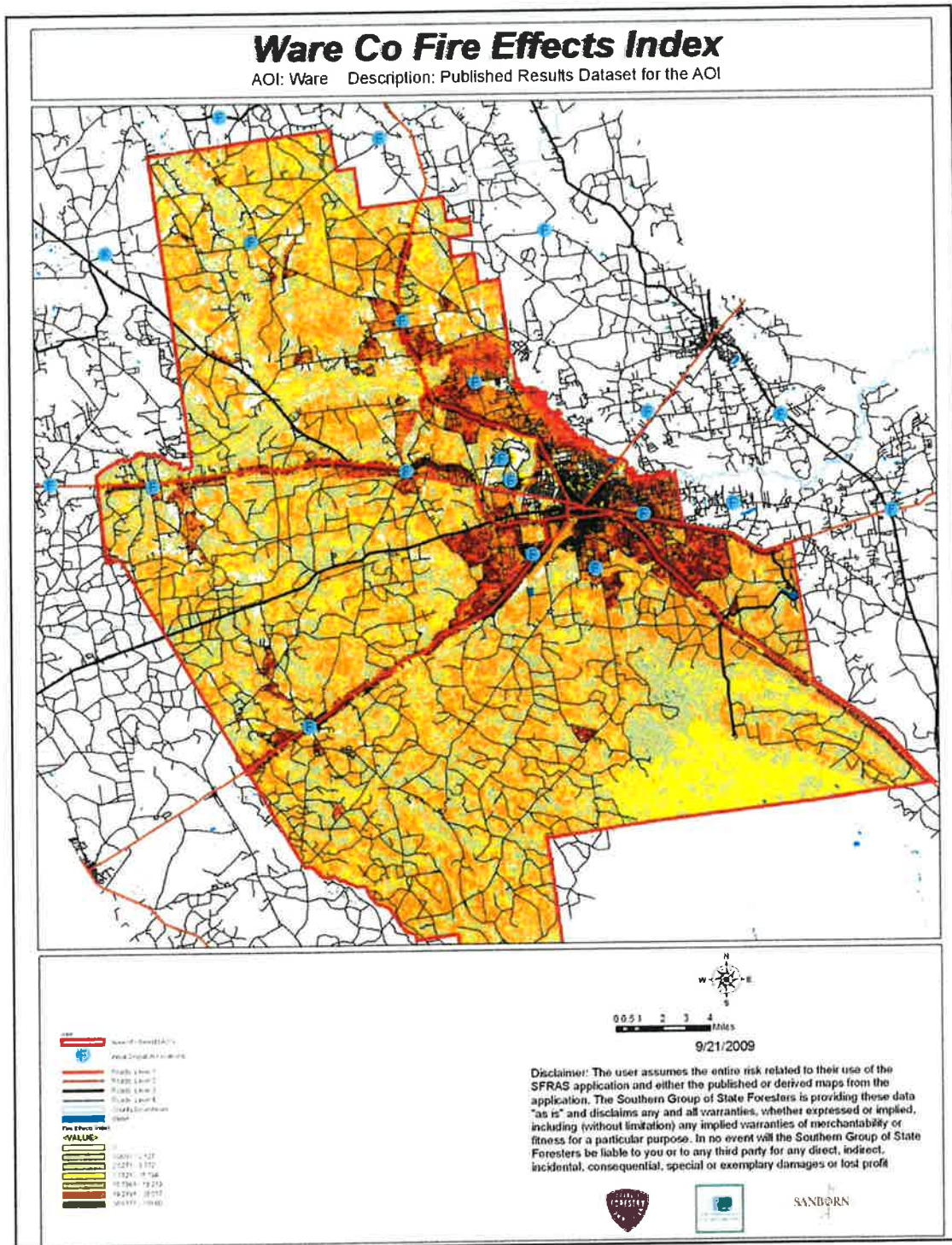
- Dead end roads with inadequate turn arounds.
- Narrow roads without drivable shoulders.
- Sharp curves on narrow roads.
- Long, narrow, and poorly labeled driveways.
- Thick, highly flammable vegetation surrounding many homes.
- Minimal defensible space around structures.
- Homes with wooden siding and roofs with heavy accumulations of vegetative debris.
- No pressurized or non-pressurized water systems available.
- Above ground utilities.
- Large, adjacent areas of forest or wildlands.
- Undeveloped lots comprising half the total lots in many rural communities.
- High occurrence of wildfires in the several locations.
- Heavy fuel loading in forested areas.
- Missing road signs and inadequately marked addresses.
- Communities cut off by heavily used railroad tracks.
- Heavy fuel loads along railroad right of ways.

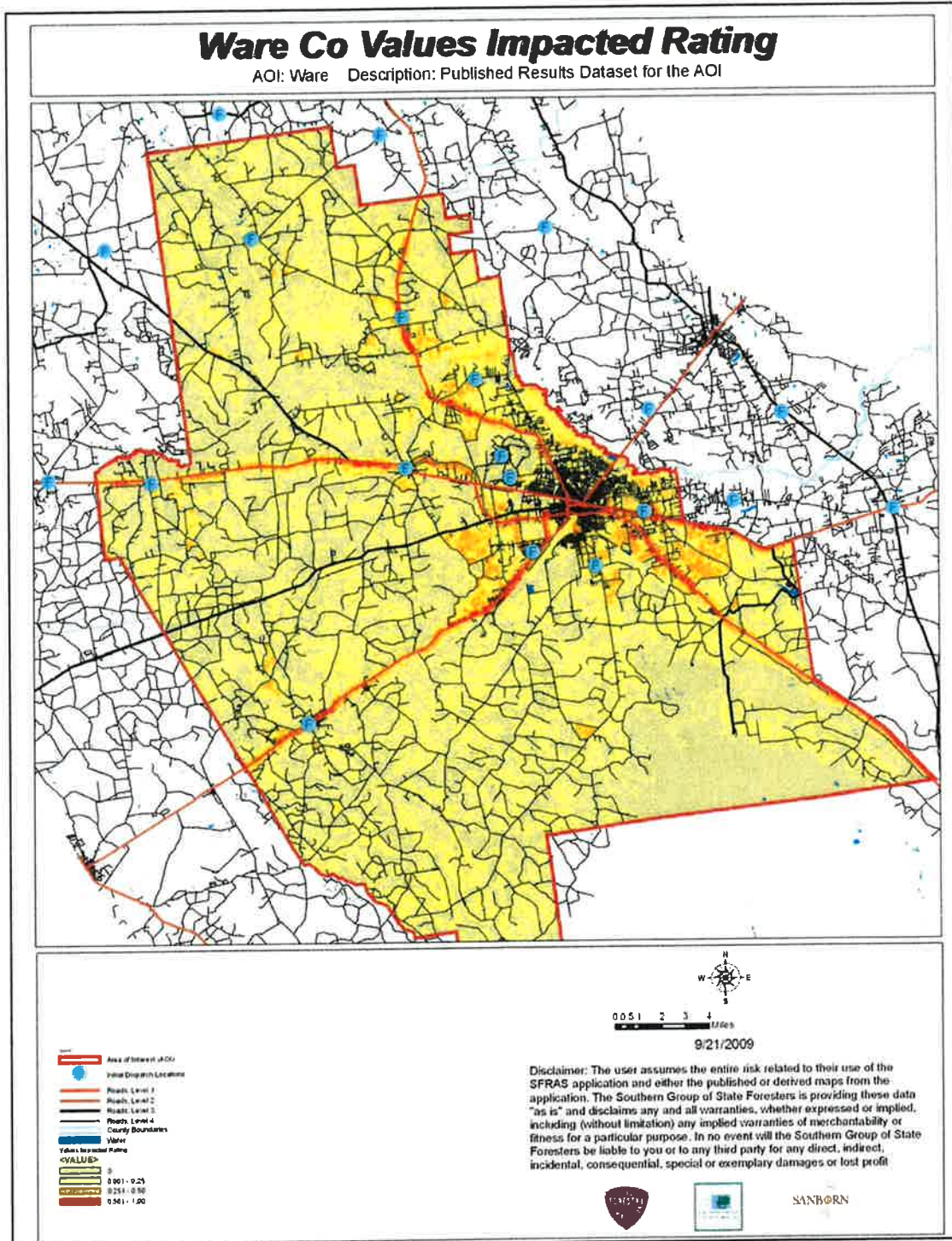
Summary of Ware County Assessment Ratings

	Community	Fire District	Access	Site Hazard	Bldg Hazard	Add. Hazards	Total Score	Hazard Rating
C -	Boggy Bay	Boggy Bay	12	40	20	36	109	Moderate Risk
C -	Telmore	Dixie Union	19	46	20	45	130	Moderate Risk
C -	Millwood Plantations	Millwood	15	52	20	46	133	High Risk
C -	Southeastern	Southeastern	7	34	20	25	86	Moderate Risk
C -	Millwood	Millwood	15	40	20	46	121	Moderate Risk
C -	Emerson Park	Emerson Park	8	37	20	19	84	Moderate Risk
C -	Aycock Road	Southeastern	13	40	20	39	112	Moderate Risk
C -	Dixie Union	Dixie Union	11	31	20	31	93	Extreme Risk
C -	Astoria Road	Southeastern	15	74	35	62	186	Moderate Risk
C -	Waresboro	Waresboro	11	43	25	35	114	Moderate Risk
C -	Manor	Manor	15	44	20	46	125	Extreme Risk
C -	Josephine Park	Southeastern	13	64	10	61	148	Moderate Risk
C -	Musket Trail	Waresboro	13	34	20	37	104	Moderate Risk
C -	Jamestown Rd	Pebble Hill	13	55	5	35	108	Moderate Risk
C -	Palmetto Place	Pebble Hill	7	25	10	34	76	Moderate Risk
	Average		12	44	19	40	115	Moderate Risk

VI. COMMUNITY HAZARDS MAPS







VII. PRIORITIZED MITIGATION RECOMMENDATIONS

Executive Summary

As Southeast Georgia continues to see increased growth from other areas seeking less crowded and warmer climes, new development will occur more frequently on forest and wildland areas. The County will have an opportunity to significantly influence the wildland fire safety of new developments. It is important that new development be planned and constructed to provide for public safety in the event of a wildland fire emergency.

Over the past 20 years, much has been learned about how and why homes burn during wildland fire emergencies. Perhaps most importantly, case histories and research have shown that even in the most severe circumstances, wildland fire disasters can be avoided. Homes can be designed, built and maintained to withstand a wildfire even in the absence of fire services on the scene. The national Firewise Communities program is a national awareness initiative to help people understand that they don't have to be victims in a wildfire emergency. The National Fire Protection Association has produced two standards for reference: NFPA 1144 Standard for Reducing Structure Ignition Hazards from Wildland Fire, 2008 Edition and NFPA 1141 Standard for Fire Protection Infrastructure for Land Development in Suburban and Rural Areas.

When new developments are built in the Wildland/Urban Interface, a number of public safety challenges may be created for the local fire services: (1) the water supply in the immediate areas may be inadequate for fire suppression; (2) if the Development is in an outlying area, there may be a longer response time for emergency services; (3) in a wildfire emergency, the access road(s) may need to simultaneously support evacuation of residents and the arrival of emergency vehicles; and (4) when wildland fire disasters strike, many structures may be involved simultaneously, quickly exceeding the capability of even the best equipped fire departments.

The following recommendations were developed by the Ware County CWPP Core team as a result of surveying and assessing fuels and structures and by conducting meetings and interviews with county and city officials. A priority order was determined based on which mitigation projects would best reduce the hazard of wildfire in the assessment area.

Proposed Community Hazard and Structural Ignitability Reduction Priorities

Primary Protection for Community and Its Essential Infrastructure		
Treatment Area	Treatment Types	Treatment Method(s)
1. All Structures	Create minimum of 30-feet of defensible space**	Trim shrubs and vines to 30 feet from structures, trim overhanging limbs, replace flammable plants near homes with less flammable varieties, remove vegetation around chimneys.
2. Applicable Structures	Reduce structural ignitability**	Clean flammable vegetative material from roofs and gutters, store firewood appropriately, install skirting around raised structures, store water hoses for ready access, replace pine straw and mulch around plantings with less flammable landscaping materials.
3. Community Clean-up Day	Cutting, mowing, pruning**	Cut, prune, and mow vegetation in shared community spaces.
4. Road Signage	At replacement	New road signage with minimum 4 inch reflective lettering on non flammable poles. Dead end (no outlet or turn-around) should be prominently tagged.
5. Road Access	Identify needed road improvements	As roads are upgraded, widen to minimum standards with at least 50 foot diameter cul de sacs.
6. Subdivision Access	Alternate exits	Work with developers to identify and create alternate access and exits routes to subdivisions and communities with only one way in and out.
7. Codes and Ordinances	Examine existing codes and ordinances.	Amend and enforce existing building codes as they relate to skirting, propane tank locations, public nuisances (trash/debris on property), Property address marking standards and other relevant concerns. At such time as the development of zoning, planning and subdivision ordinances become practical include fire department and emergency services input in the design of these.

Appendix D

WARE 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
Wildfire	6039	50	589	1788	6039	0.01	12078.00	58.9	89.4	120.78
Drought	530	16	337	530	530	0.03	3312.50	33.7	26.5	10.6
Thunderstorm / Wind	165	66	67	132	165	0.40	250.00	6.7	6.6	3.3
Flood	19	66	3	19	19	3.47	28.79	0.3	0.95	0.38
Extreme Heat	4294	38	2064	2590	4294	0.01	11300.00	206.4	129.5	85.88
Tornado	14	66	4	4	14	4.71	21.21	0.4	0.2	0.28
Hail	47	66	15	42	47	1.40	71.21	1.5	2.1	0.94
Hurricane / Tropical Storm	4	66	2	4	4	16.50	6.06	0.2	0.2	0.08
Severe Winter Storm	3	66	3	3	3	22.00	4.55	0.3	0.15	0.06

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

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 Ware County and in the City of Waycross.

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

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: Provide additional first responder training, air units, air unit chargers, Class A Pumper & Fire Knocker trucks, and other specialized equipment & training to all Ware County Volunteer Fire Departments for Wildfire use.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	+	+
Action Step #2: Provide additional first responder training, air units, air unit chargers, Class A Pumper & Fire Knocker trucks, and other specialized equipment & training to the City of Waycross Fire Departments for Wildfire use.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A
Action Step #3: Support & enforce GA Forestry Commission burn ordinances and bans and promote hazardous fuel reduction by prescribed burning, mechanical treatment, or chemical treatment carried out and promoted by the GA Forestry Commission in Ware County and the City of Waycross.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	+	+

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 #4: Plan to acquire property and construct new Ware County Volunteer Fire Stations, new additions to existing stations, and a wildfire command post.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A
Action Step #5: Establish a paid force at County Fire Station #3.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A
Action Step #6: Construct & maintain the Comprehensive Training Facility for fire personnel training in Wildfire tactics.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A
Action Step #7: Complete construction of fire training tower & facility	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A
Action Step #8: In the City of Waycross, replace the four-inch water lines with six-inch water lines and hydrants in the Gilmore/Brunel Street area.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	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 #1: Prevent or reduce damage caused by Wildfire in Ware County and in the City of Waycross.

Objective #2: Obtain FireWise Community Status by educating the Ware County and City of Waycross Fire Department personnel and the public on the hazards of Wildfire and the pre-disaster mitigation thereof.

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: Maintain good public relations between the citizens of Ware County and the City of Waycross and the County/City Fire Departments and plan to increase levels of awareness and resources during peak hazard conditions through the use of education sessions, community meetings, etc.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A
Action Step #2: Partner with the Georgia Forestry Commission to provide education to Ware County and City of Waycross communities and citizens on the pre- disaster mitigation of wildfire and use; and develop school- based programs to educate children.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A

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Goal #1: Prevent or reduce damage caused by Wildfire in Ware County and in the City of Waycross.

Objective #3: Implement priorities, projects and recommendations contained in GA Forestry Commission’s “Community Wildfire Protection Plan”.

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: Trim shrubs and vines to 30 feet from structures, trim overhanging limbs, replace flammable plants near homes with less flammable varieties, and remove vegetation around chimneys.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A
Action Step #2: Clean flammable vegetative material from roofs and gutters, store firewood appropriately, install skirting around raised structures, store water hoses for easy access, and replace pine straw and mulch around plantings with less flammable landscaping materials.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A
Action Step #3: Cut, prune, and mow vegetation in shared community spaces.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A
Action Step #4: Install new road signage with reflective lettering on non-flammable poles that meets all the minimum requirements of the MUTCD. Dead ends (no outlet or turnaround) should be prominently tagged.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A

STAPLEE Criteria	S		T			A			P			L			E				E				
	(Social)		(Technical)			(Administrative)			(Political)			(Legal)			(Economic)				(Environmental)				
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Action Step #5: As roads are upgraded, widen to minimum standards with a minimum 50-foot radius for cul-de-sacs.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A
Action Step #6: Work with developers to identify and create alternative access and exit routes for subdivisions and communities with only one way in and out.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A
Action Step #7: Amend and enforce existing building codes as they relate to skirting, propane tank locations, public nuisances (trash/debris on property), property address marking standards, and other relevant concerns; at such time as the development of zoning, planning, and subdivision ordinances become practicable, include fire department and emergency services input in the design of these.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A

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Action Step #8 (formerly #25): Create a Ware County WUI Fire Council to Accurately Assess Community Wildfire Protection Plan Progress and Effectiveness and Implement Programs & Projects.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A
Action Step #9: On adjacent WUI Lands, encourage prescribed burning for private landowners and industrial timberlands particularly adjacent to residential areas.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A
Action Step #10: On adjacent USF&W lands, work with USF&W land management to undertake fuel reduction strategies on Okefenokee NWR lands adjacent to WUI areas.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A
Action Step #11: On adjacent GFC & WMA lands, work with GFC & DNR land management to incorporate regular prescribed burning on State managed lands adjacent to identified WUI areas.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A

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Action Step #12: Encourage railroads to better maintain their ROW eliminating brush and grass through herbicide and mowing. Maintain firebreaks along ROW adjacent to residential areas.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A
Action Step #13: Encourage private landowners to clean and re-harrow existing fire lines.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A
Action Step #14: Inspect, maintain, and improve access to existing dry hydrants. Add signage along roads to mark the hydrants.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A
Action Step #15: Investigate need for Brush Trucks at selected stations.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A
Action Step #16: Ensure all fire stations and firefighters are equipped with wildland hand tools and lightweight wildland PPE gear.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A
Action Step #17: Obtain mobile and fixed generators (including transfer switches) to provide back-up power where needed.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A

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Action Step #18: Obtain Wildland Fire Suppression Training for Fire Personnel.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A
Action Step #19: Conduct "How to Have a Firewise Home" Workshop for Ware County/City of Waycross Residents.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A
Action Step #20: Conduct "Firewise" Workshop for Ware County/City of Waycross Community Leaders.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A
Action Step #21: Conduct a Spring Clean-up Event Every Spring.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	+	N/A
Action Step #22: Develop and distribute Firewise informational packets realtors & insurance agents.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A
Action Step #23: Create and Exhibit a Wildfire Protection Display for the general public during several festivals in the county. The display can be independent or combined with the Georgia Forestry Commission display.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A

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Action Step #24: Invite the Waycross News Media and area TV and Radio to community “Firewise” Functions for news coverage and regularly submit press releases documenting wildfire risk improvements in Ware County.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A
Action Step #25: Construct overpass to/from the Jamestown community in conjunction with Perimeter Road project, in order to speed evacuation if needed.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A

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Goal #1: Protect the population of Ware County from the effects of a public health emergency..

Objective #1: Secure external sources of funding and training to help prepare for and respond to events..

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Increase Immunization education, prevention and pre-planning efforts, particularly for the homeless and low-income individuals in the community, and host flu shot and other immunization clinics.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A
Identify vulnerable populations (homeless, migrants, low income, etc.) and identify community groups to work with in order to reach and educate these populations effectively regarding health issues.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A

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Develop plan to identify community locations to obtain and distribute Water, Food, Ice, Tarps, medical countermeasures, etc.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A
Develop Local Emergency Planning Committee	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A
Approach large businesses about working with the EMA on developing public health emergency plans.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A

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Goal #1: Be prepared to respond appropriately to any foreseeable CBRNE hazard event.

Objective #1: Secure external sources of funding and training to help prepare for and respond to events..

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Network with emergency personnel staff at state and federal levels to help identify the “full range” of CBRNE risks and local needs in preparation for the availability of outside funding.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A
Submit competitive applications to fund equipment/training needs when potential funding sources are identified in Ware County	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A
Develop a relationship with owners of hazardous materials storage (tires etc.) to educate/encourage them to develop a plan for hazardous events.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A

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Annually review & update mutual aid agreements with neighboring jurisdictions	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A
Provide first responders, fire, EMS and law enforcement with the equipment needed to prepare for and respond to events	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A

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Goal #1: Prevent or reduce damage caused by Drought in Ware County and in the City of Waycross.

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

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Action Step #1: Seek input from State and Federal agencies to enact procedures during Drought to limit water usage in Ware County and the City of Waycross.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	+	+
Action Step #2: Replace antiquated water & sewer lines and equipment prone to failure in unincorporated Ware County and in the City of Waycross through CDBG grant funds and other funds when available.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	+	+
Action Step #3: Work with the County Extension Agent to distribute literature related to best management practices in Ware County and the City of Waycross.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Action Step #4: Promote increased usage of surface water and surface artesian flow for irrigation instead of well systems in Ware County and the City of Waycross.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A

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Goal #1: Prevent or reduce damage caused by Thunderstorms and Winds in Ware County and in the City of Waycross.

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

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Action Step #1: Increase public awareness of weather radios, shelters, emergency procedures, and the use of a local radio station as the emergency broadcast system station in Ware County and in the City of Waycross through public safety announcements, publications, and other means.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A
Action Step #2: Plan to wind retrofit Critical Facilities, e.g., with storm windows, ballistic film, storm shutters, and/or hurricane doors, as funds become available to do so.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A
Action Step #3: Disseminate information to the public concerning wind ratings and champion new construction being built to those minimum wind standards, and champion the wind retrofitting of existing buildings in Ware County and the City of Waycross.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A
Action Step #4: Obtain mobile and fixed generators (including transfer switches) to provide back-up power where needed.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A

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Goal #1: Prevent or reduce damage caused by Floods in Ware County and in the City of Waycross.

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

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Action Step #1: Conduct storm-water drainage replacement, repair & cleaning and maintain canals in Ware County and in the City of Waycross.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	+	N/A
Action Step #2: Plan flood and drainage projects in Waycross on Harrison Street (by Ava), at the Lee Avenue Railroad Underpass, at the Memorial Drive Railroad Underpass, on Gilmore Street, Brunel Street, Hamilton Street, in the Isabella/Folks/Mary Street Park Area and in areas lacking curb & gutter.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	+	N/A
Action Step #3: Plan flood and drainage projects in Ware County including Buck Corbitt Road, Mill Creek Road, Twelve Mile Post Road, Duncan Bridge Road, and other flood-prone areas.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	+	N/A

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Action Step #4: Attempt to take precautions at water facilities in unincorporated Ware County and in the City of Waycross to insure flood protection, as funds become available to do so.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	+	N/A
Action Step #5: Work to preserve wetland areas in Ware County and the City of Waycross to assure that excess water can be captured.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		N/A	+	N/A
Action Step #6: After flood events or other hazard events in Ware County and the City of Waycross, attempt to perform analysis on properties affected to determine if events have occurred in the past and attempt to mitigate, raise levels above 100 year flood plain, or purchase, if necessary.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A

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Action Step #7: Continue compliance with NFIP through review, adoption and updates to flood protection ordinances and maps, and work towards database to record depth of flooding in order to determine extent and possible damage.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	+	N/A
Action Step #8: Construct new regional retention/detention ponds where needed	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	+	N/A

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Goal #1: Prevent or reduce damage caused by Extreme Heat in Ware County and in the City of Waycross.

Objective #1: Minimize losses to existing and future structures, especially Critical Facilities and Infrastructure, and eliminate injury or death residents due to Extreme Heat.

STAPLEE Criteria → 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: Identify locations for cooling stations and help set up & promote them during periods of Extreme Heat.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A
Action Step #2: Continue to identify and designate emergency shelters in consultation with appropriate organizations (Red Cross, Senior Citizen Centers, hospitals, churches, health department, etc.), and promote their use during extreme heat events.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	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.

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Goal #1: Prevent or reduce damage caused by Tornadoes in Ware County and in the City of Waycross.

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 on manufactured housing in Ware County and the City of Waycross.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A
Action Step #2: Plan for pre-disaster mitigation in Tornado & other hazard seasons by preparing public service announcements, brochures and solicit business participation in distributing information.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A
Action Step #3: Promote identification and designation of safe shelter rooms if available in Critical Facilities.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A
Action Step #4: Obtain mobile and fixed generators (including transfer switches) to provide back-up power where needed.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A

Worksheet #4 Evaluate Alternative Mitigation Actions

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Goal #1: Prevent or reduce damage caused by Hail in Ware County and in the City of Waycross.

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

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: Install storm windows, ballistic film, storm shutters, and/or hurricane doors on new and existing Critical Facilities and encourage their installation on new and existing private buildings in Ware County and the City of Waycross.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A
Action Step #2: Encourage the public to include hail damage under insurance coverage and store equipment and vehicles under shelters in Ware County and the City of Waycross.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A

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Goal #1: Prevent or reduce damage caused by Hurricanes/Tropical Storms in Ware County and in the City of Waycross.

Objective #1: Minimize losses to existing and future structures, especially Critical Facilities and Infrastructure, and the public, due to Hurricanes/Tropical Storms.

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: Encourage the design of new educational facilities to the level that they could be used as public shelters for emergency purposes; test current shelters and educational facilities for safety and effectiveness in Ware County and the City of Waycross.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A
Action Step #2: Work with GDOT to improve unsafe roads in Ware County and the City of Waycross that already are, or could be, evacuation routes.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A
Action Step #3 Designate and attempt to supply new Red Cross Shelters and maintain an operating Red Cross office in Ware County and the City of Waycross.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A

Worksheet #4 Evaluate Alternative Mitigation Actions

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Goal #1: Prevent or reduce damage caused by Hurricanes/Tropical Storms in Ware County and in the City of Waycross.

Objective #2: Advise the public of health & safety precautions and procedures necessary during Hurricanes/Tropical Storms and other events and on pre-disaster mitigation, in general, in Ware County and in the City of Waycross.

Action Step #1: Acquire and distribute literature from state agencies regarding disaster health & safety issues in Ware County and the City of Waycross.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A
Action Step #2: Work with GDOT to acquire additional road signage for emergency traffic circulation and publish most efficient routes in advance.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A
Action Step #3: Distribute information concerning pre-disaster mitigation to area news markets and by speaking at schools and civic clubs in Ware County and the City of Waycross.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A
Action Step #4: Order electronic message boards for emergency purposes & evacuations.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A
Acquire portable 80-foot communi-cations tower	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A
Acquire 2 portable restroom/shower trailers	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A
Acquire portable walk in cooler	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A

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Goal #1: Prevent or reduce damage caused by Hurricanes/Tropical Storms in Ware County and in the City of Waycross.

Objective #3: Ensure reliable electrical power and communications efficiency at Critical Facilities and among agencies during Hurricanes/Tropical Storms and other events in Ware County and the City of Waycross.

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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: Purchase portable and fixed generators and trailers (including transfer switches) for use at Critical Facilities (serving entire populations) and pre-wire Critical Facilities for generator use in Ware County and the City of Waycross.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A
Action Step #2: Purchase communications equipment (radios, pagers, batteries and chargers) that have multi-channel capabilities and store them at certain Critical Facilities in Ware County and the City of Waycross.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A
Action Step #3: Purchase and install VHF networking system between City and County services.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A
Action Step #4: Continue and expand Emergency Notification System	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A
Action Step #5: Construct overpass to/from the Jamestown community in conjunction with Perimeter Road project, in order to speed evacuation if needed.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A
Action Step #6: Upgrade/enhance 911 capabilities to the most current technology.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A

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Goal #1: Prevent or reduce damage caused by Severe Winter Storms in Ware County and the City of Waycross.

Objective #1: Minimize losses to existing and future structures, especially Critical Facilities and Infrastructure, due to Severe Winter Storms.

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: Continue the policy of wrapping exposed piping with insulation and installing new insulation layers at critical facilities in Ware County and the City of Waycross.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A
Action Step #2: Maintain temperatures above 32 degrees to prevent freezing in government owned occupied and unoccupied structures in Ware County and the City of Waycross.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A
Action Step #3: Disseminate information to the public concerning Severe Winter Storms, champion new construction being built to appropriate low temperature ratings and existing buildings being retrofitted in Ware County and in the City of Waycross.	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N/A	N/A	N/A	N/A	N/A

Appendix E

City Votes 3-2 To Settle Suit With Bank In Annexation Issue

By JOHN SCOTT COOPER
Staff Writer

The city of Waycross recently approved an agreement with Pierce County to settle a lawsuit concerning the de-annexation of county properties along U.S. 84 that once were within the Waycross city limits. In a related vein, city commissioners, by a 3-2 vote Tuesday, began a process to settle with First Southern Bank another lawsuit.

Since July 1, 2015, the Bluffs at Satilla subdivision, now owned by the bank, has been unable to sell any of its 40 lots because the city is not providing water and sewer service new home construction would need in order to be permitted by Pierce County. First Southern was losing lots of money, so its officers sued the City of Waycross, Pierce County and the State of Georgia.

All along, the bank administration has declared it wanted to again be part of the city and have city services, said Mayor John Knox. The agreement city commis-

sioners approved Tuesday will move in that direction.

The high points of the agreement that is still being "tweaked," City Attorney Rick Currie said, are if the city and Pierce County get Superior Court Judge Kelly Brooks to sign the mediation agreement the two governments have approved and make it part of his court order; the bank signs a petition to be re-annexed into the city; and any buyers of the lot will sign the same petition. The city will then supply water and sewer treatment.

The mediated agreement between the city and Pierce County calls for State Rep. Chad Ninnier or State Sen. Tyler Harper to present a bill to re-annex the Bluffs subdivision into Waycross. The bank, under the new agreement, is to be annexed under the allowance of that legislation — or after July 1, 2018 when it can petition to be annexed without further legislative action.

In a Dec. 21 story, the Journal-Herald

tried to briefly describe the stance of certain commissioners on settling lawsuits rather than letting the proceedings work to their final conclusion, which Commissioners Marian Solomon-Gaines and Diane Hopkins seemed confident would be won by the city. Then Commissioner Alvin Nelson agreed with them.

Hopkins and Solomon-Gaines Tuesday said the newspaper misrepresented them. Hopkins said she is in favor of working out a settlement with the bank but wants to be sure "all the 'i's are dotted and 't's crossed" to safeguard the citizens of Waycross. Solomon-Gaines said she is against selling city services — water and sewer treatment — outside the city limits.

Hopkins and Solomon-Gaines voted "no" on the issue Tuesday of approving the agreement with First Southern Bank.

In Tuesday afternoon's closed door session held specifically so commissioners could discuss the settlement, the agreement was apparently amended.

Commissioner Norman Davis said he believed the changes added protections for the city. It apparently wasn't enough to satisfy everyone, because two commissioners voted against it.

Knox vehemently defended making the settlement, saying the bank is an "innocent bystander," and it is "silly" to have sat and waited 18 months.

"We talk about how we were treated bad," Knox said in the afternoon work session. "Why do we want to treat a business in our city as bad as we were treated."

He also argued that the city was hurting itself by rejecting the revenue it could make by having customers in the Bluffs.

The settlement issue was front and center at the work session when former Mayor John Fluker visited to ask for an update. His final words seemed to indicate that he would rather the city stay the course with the lawsuits.

Davis, though he voted in favor of the

settlement, later thanked Fluker for bringing "out relevant points" that led to the amended agreement.

Otherwise, the city, in the regular meeting Tuesday, did things it always does in the first session of a new year, appointed city officers for the year, including electing Commissioner Jon Tindall as the mayor pro tem, again on a 3-2 vote. This time, Commissioners Larry Ehrhridge and Davis voted "no."

Davis wanted to elect Ehrhridge to be mayor pro tem. He asked Tindall to understand "it was not personal," saying he was certain the commissioner could do the job. Davis just believes Ehrhridge was skipped over a year ago in what Davis thought was a proscribed "rotation" of commissioners to hold the office. He said he wished to make things right this year.

The city also recognized the January employee of the year, Waycross Fire Department driver-engineer Donald King.

Area News

Albany Woman Dies In Monday's Storm

ALBANY (AP) — Fire officials say a woman here died as a violent storm struck late Monday.

Fire Chief Ron Rowe said that more than 1,000 homes were damaged when a storm about a mile wide swept through about 11 p.m. Monday. He said four houses caught fire because of the storm and multiple trees were knocked down. Rowe said the storm hit about 30 minutes after a tornado warning had been issued for the area.

The chief said the woman's death was storm related, but he didn't have any more details. Her identity has not been released.

Rowe says debris removal may take four or five days.

Rebelaire To Play Lee-Jackson Event

The Sons of Confederate Veterans, Clement A. Evans Camp, will host the annual Lee-Jackson birthday celebration Monday at Captain Joe's in Waycross.

The entertainment will be provided by the local, world renowned artists, The Rebelaire. The meeting time is 6 p.m. Super is Dutch treat.

"So come out, enjoy some good fellowship and great music," said Chuck Griffin, commander.

True Foundation Is In First 2017 Revival

True Foundation has begun its 2017 "Restoration, Revive, Restore" revival services that continue tonight through Friday at 7:30 p.m.

Pastor Louvenia Brown invites everyone to come hear guest speaker Bishop Jerome Henry at the church, 1212 Albany Ave.

Sports Hall Of Fame Meeting Is Thursday

The Waycross-Ware County Sports Hall of Fame officers and directors are to meet Thursday, 7 p.m., at the Waycross Journal-Herald.

President Ricky Brandley urged 100 percent attendance.

Recovery Program At New Life Church

BLACKSHEAR — New Life Church, 2191 Golf Course Road, is offering help to hurting people, using "12 Gates, Simply Recovery" by Cathy Sweet, of Bethesda House, in classes Thursdays at 7 p.m.

The recovery sessions are for

folks who are suffering and battling addictions.

For more information, call Marilyn Conley at (912) 387-9871 or the church office at 284-9500.

CSX Clerks Meeting Thursday Downtown

The CSX retired clerks will meet Thursday at 11 a.m. at KD's Cafe on Elizabeth Street.

All retired CSX clerks and spouses are invited to attend, said Dennis Woods, 224-7264.

Railroad Retirees Lunch Is Monday

The railroad retirees will meet Monday at noon at Ryan's on Memorial Drive.

All railroad retirees are invited to attend and enjoy food and fellowship. Let the server know you are with the railroad retirees when you enter the restaurant.

Men Gather Thursday For Prayer Breakfast

Men are invited to attend weekly prayer and devotional breakfast meetings on Thursday mornings at Jerry J's on U.S. 82 (across from South Georgia State College).

The meetings run from 7:30 to 8:45.

The main outreach is to provide Christian fellowship to men of all backgrounds and ages, said a spokesman. Prayer is made for the community, area churches, schools and businesses, as well as for the nation and revival in the land.

Area Blood Drive Volunteers To Meet

The Waycross Area Blood Drive Volunteers are to meet Monday at 5 p.m. at Cobblestone Realty.

The public is invited to attend the informal meetings that are held quarterly. The group exists solely to try to think of ways to improve public participation in blood donations in southeast Georgia.

"Please feel free to attend and to invite others to join us," said Al Jacobson, a representative of the Waycross Area Blood Drive Volunteers.

Next State Retirees Meeting Is Monday

The Southeast Georgia Chapter (Waycross) of the Georgia State Retirees Association will have its quarterly meeting at the Quality Inn in Waycross Monday.

The meeting begins at 11:30 a.m. in the dining room. Lunch will be Dutch treat.

All retirees, working employees and their dependents are cordially invited to attend.

First Christian Food Pantry Helps Citizens

First Christian Church (Disciples of Christ), 412 McDonald St., has operated a food pantry since 2008, supplied by donations of food and money.

Food is distributed from the pantry every Thursday from 1 to 3 p.m. Families may receive food once each month. The only requirement is that they show a valid ID.

Food is furnished to an average of 100 families (approximately 300 people) that otherwise might miss meals.

To donate time, food or money, call the church at 283-5818 or leave a message.

Lakeview Bingo On Thursdays Nights

BLACKSHEAR — Everyone is invited to play Lakeview Bingo at the Lakeview Golf Club, 510 Club Drive, every Thursday at 6 p.m.

Game sheets go on sale at 6 p.m. Cash prizes from \$25 to \$750 per game may be won by single winners.

Food is sold as Bingo is being played: hamburgers, hot dogs, chicken tenders, french fries and drinks.

SE Georgia Weather

Partly cloudy. High 70. Northwest winds 10 to 15 mph.

Tonight mostly cloudy in the evening then becoming partly cloudy. Low 42. North winds 5 mph.

Thursday partly cloudy. High in the upper 60s. East winds 5 mph shifting to the southwest around 5 mph in the afternoon.

Thursday night mostly clear in the evening then becoming partly cloudy. Low in the mid 40s. West winds 5 mph.

Friday partly cloudy. A 20 percent chance of showers in the afternoon. High in the mid 60s. West winds 5 to 10 mph.

Friday night mostly cloudy with a 50 percent chance of showers. Low in the lower

Robert Leroy Skinner

Robert Leroy Skinner, 72, died Wednesday evening (Dec. 28, 2016) at Kindred Hospital of North Florida in Green Cove Springs, Fla., following an extended illness.

He was born in Crystal Lake, Ill., but had lived in Florida most of his life before moving to Waycross in 2001. He was a retired meat cutter and had served in the United States Navy during the Vietnam War.

He was a son of the late Robert Leroy Skinner Sr. and Ingrid Irene Niemi Skinner. He was also preceded in death by his former wife, Jean Brown Skinner, two sisters, Roberta Ingrid Skinner Rreuer and Sandra June Skinner Schreiber, and a brother, Gary Lee Skinner.

He is survived by his wife, Theresa Shuman, of Waycross; his daughter, Robin Lynne Skinner Reeves, of Grapevine, Texas; a granddaughter, Abigail Lynne Reeves; a step-son, Jon Parker (Vicki), of Waycross; two sisters, Elizabeth "Betty" Skinner Holmes of Boxley, and Deborah Diane Skinner Harrison, of Monticello, Fla.; and numerous nieces and nephews.

The family will have a private celebration of life at a later date.

Memorials may be sent in his honor to the Okefenokee Humane Society, 1501 Blackwell St., Waycross, Ga. 31501.

Musical Funeral Home is in charge of the arrangements.

Sympathy may be expressed by signing the online registry at www.musicfuneralhome.com

Melvin Harper Jr.

A funeral service for Melvin Harper Jr. was held Tuesday afternoon at Jamestown Baptist Church with the Rev. Ashley Corbett officiating.

Burial followed in Greenlawn Cemetery.

Pallbearers were Ross Boyd, Andy Cooper, Charles L. Harper, James A. Harper, Richard M. Harper and Randy Latham.

Honorary pallbearers were the CSX Railroad Officers Club, Morris Henderson, John R. Martin, John Gaskins, Dr. Joel Ferree and Rodney Brown.

Musical Funeral Home was in charge of arrangements.

Angus Hardie Jamerson By RUSS BYNUM

Associated Press Writer
A Georgia man who served

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PUBLIC NOTICE

A public meeting to review Ware County's Hazard Mitigation Plan Update will be held on Wednesday, January 11, 2017 at 2:00 p.m. The meeting will be held at the South Georgia Regional Commission Waycross Office, located on 1725 South GA Parkway West, Waycross, GA 31503. The purpose of the meeting is to give a brief overview of the Hazard Mitigation planning process. Citizens are invited to attend and participate in the planning effort. For more information, contact the Ware County Commission at 912-287-4300 or the Southern Georgia Regional Commission at 229-333-5277

Con Artist Is Calling Local SS Recipients

A con artist is calling Social Security recipients in the Waycross area with a message designed to frighten the targeted person into providing private information, reports Joanna Aldridge Morris of Waycross.

"You're told to hit number one now or all of your benefits will be depleted," Morris said she was told.

But before she could key the number the phone line went dead, she said.

Morris said she attempted to contact the caller through numbers provided by her phone's caller ID feature and discovered the numbers were phony. The numbers are (484) 657-2559 and (712) 662-5358.

Never give anyone your Social Security number, bank account number(s), credit card numbers, etc., over the phone. A criminal can use these numbers to charge merchandise to your account and steal money directly from your bank account.

Fraud Is Suspected, Royal Says

Ware County detectives are investigating a case of financial fraud that was reported Wednesday afternoon in the 400 block of Newton Drive, said Ware County Sheriff Randy Royal.

A resident in that block reported that she put a check in her mailbox on Feb. 3 (and raised the flag to alert her mail carrier) to be mailed to VISA as a payment on her credit card account, Royal said.

He said she recently received a notice that her account was past

Public Hearing Set For Hazard Mitigation Plan Update March 22

The Ware 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 Ware County and City of Waycross, 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 SGRC staff will host a public hearing on Thursday, March 22, at 2 p.m. at the Ware County Courthouse, 800 Church St., in the commission chambers on the second floor.

Comments are being accepted by email at agodwin@sgrc.us, by fax at (229) 333-5312, or by mailing them to Ware HMP, 327 W. Savannah Ave., Valdosta, Ga. 31601.

The draft of the plan is available on the SGRC website, www.sgrc.us

For more information, call Ariel Godwin, senior planner, (229) 333-5277.

Scott We Sign Flo

TALLAHASSEE, Fla. (AP) — After the Florida House narrowly passed a school safety bill with new restrictions on rifle sales and a program to arm some teachers, all eyes now turn to Gov. Rick Scott, who has declined to say if he will sign it.


"I'm going to take the time and I'm going to read the bill and I'm going to talk to families," Scott told reporters Wednesday.

Scott has repeatedly said he doesn't support arming teachers and had pushed lawmakers adopt his own proposal, which called for at least one law enforcement officer in every school and one for every thousand students who attend a school.

The Florida Senate narrowly passed the bill Monday.

The 67-50 House vote reflected a mix of Republicans and Democrats in support and opposition. The measure, a response to the shootings at a Parkland high school that left 17 dead, is supported by the victims' families.

Andrew Pollack, who lost his 18-year-old daughter Meadow in the Marjory Stoneman Douglas High School shooting, and Ryan Petty, who lost his 14-year-old daughter Alaina, said there was enough good in the bill that it should pass.

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**Southern Georgia Regional Commission
Ware County and the City of Waycross
Hazard Mitigation Plan Update – Kick-off
Date: Jan. 11, 2017 2:00 *pm***

[illegible]

**Southern Georgia Regional Commission
Ware County and the City of Waycross
Hazard Mitigation Plan Update – Workshop #1
February 8, 2017**

<u>Name</u>	<u>Organization</u>	<u>Title</u>	<u>Email</u>
Jessica Deal	City of Waycross	City Engineer	jdeal@waycrossga.com
Wilton Deloach	" "	Public Work Dir	wde loach@waycrossga.com
Cathy Cason	Ware DFCS	County Director	Catherine.Cason@dhs.ga.gov
Carl James	Ware Co Sheriff's Off.	Major	cjames@waresheriff.com
SPENCER BAXLEY	WARE COUNTY FACILITIES MAINT	ADMIN ASST	SBAXLEY@WARECOUNTY.COM
Bill Parham	Ware EMS	Director	bparham@warecounty.com
Jimmy Brown	Ware Co- Bd of Com	Chairman	Jamesbrown45@bellsouth.net
DONNIE GRIFFIS	Ware Co. Fire Rescue	Chief	dgriffis@WARECOUNTY.COM
Maybeth Butler	SEHD	PD	maybeth.kennedy@dph.ga.gov
James Shubert	Ware County	Planning	jshubert@warecounty.com
Robert Benhoff	WCBOE	Dir. Facil	rbenhoff@ware.k12.ga.us
DAVID EDDINS	Waycross FD	Fire Chief	deddins@waycrossga.com
JONATHAN DANIELL	WARE CO EMPA	Director	JDANIELL@WARE-COUNTY.COM

[illegible][illegible]

**Southern Georgia Regional Commission
Ware County and the City of Waycross
Hazard Mitigation Plan Update – Workshop #3
April 12, 2017**

[illegible]

**Southern Georgia Regional Commission
Ware County and the City of Waycross
Hazard Mitigation Plan Update – Workshop #4
May 10, 2017**

[illegible]

**Southern Georgia Regional Commission
Ware County and the City of Waycross
Hazard Mitigation Plan Update – Workshop #5
July 12, 2017**

[illegible]

**Southern Georgia Regional Commission
Ware County and the City of Waycross
Hazard Mitigation Plan Update – Final Public Hearing
March 22, 2018**

[illegible]

RESOLUTION 2018-07

A RESOLUTION OF THE WARE COUNTY BOARD OF COMMISSIONERS PURSUANT TO THE ADOPTION OF WARE COUNTY MULTI-JURISDICTIONAL 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, Ware County and the City of Waycross, adopted the previous Ware County Hazard Mitigation Plan Update in 2013; and

WHEREAS, the first plan was officially approved by GEMA and FEMA in 2008; 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 2013 Plan Update will expire on December 11, 2018 and the new Hazard Mitigation Plan Update will become effective on December 12, 2018; and

WHEREAS, the Ware County Emergency Management Agency, with the assistance of representatives from various other departments within Ware County and the City of Waycross, as well as volunteer and other non-governmental agencies, has developed an updated plan to meet these requirements; and

WHEREAS, the updated plan is titled the "Ware County and City of Waycross 2017 Hazard Mitigation Plan Update" (referred to hereafter as "the Plan"); and

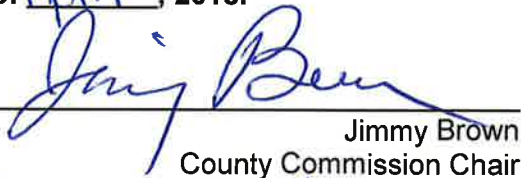
WHEREAS, the Plan applies to unincorporated Ware County and the City of Waycross; and

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

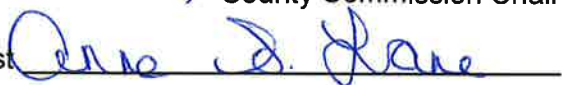
THEREFORE, be it resolved that the Ware County Commission formally adopts the Multi-Jurisdictional Hazard Mitigation Plan.

SO RESOLVED this 9th day of April, 2018.

By


Jimmy Brown
County Commission Chair

Attest


Anne D. Lane



RESOLUTION NO. R18-29

**A RESOLUTION OF THE CITY OF WAYCROSS CITY, GEORGIA,
PURSUANT TO THE DISASTER MITIGATION ACT OF 2000, TO
AUTHORIZE ADOPTION OF THE WARE COUNTY PRE-DISASTER HAZARD
MITIGATION PLAN; AND FOR OTHER PURPOSES.**

WHEREAS, Ware County, Georgia, and its municipal governments, namely the City of Waycross, Georgia, are required to complete a Pre-Disaster Hazard Mitigation Plan by the Disaster Mitigation Act of 2000; and

WHEREAS, under the provisions of the Disaster Mitigation Act of 2000, local governments that complete Pre-Disaster Hazard Mitigation Plans will remain eligible for Federal mitigation funding; and

WHEREAS, Ware County and the City of Waycross have completed a Pre-Disaster Hazard Mitigation Plan that fulfills the Federal requirements of the Disaster Mitigation Act of 2000, in the form attached hereto as an Exhibit and incorporated herein as if fully set forth.

WHEREAS, said matter having been considered.

BE IT THEREFORE RESOLVED, that the City Commission of the City of Waycross, Georgia, formally adopts the Pre-Disaster Hazard Mitigation Plan, in the form attached hereto as an Exhibit and incorporated herein as if fully set forth

BE IT FURTHER RESOLVED that the Mayor and City Clerk be authorized and directed to execute the Contract on behalf of the City of Waycross, and to do all the acts and things necessary in order to carry out the purposes and intent of this Resolution.

SO RESOLVED, this 3rd day of April, 2018.

CITY OF WAYCROSS

BY:


JOHN KNOX, Mayor

ATTEST:


JULIE DINKINS, City Clerk

(SEAL)

Appendix F



Storm Events Database

Search Results for Ware County, Georgia

Event Types: **Wildfire**

Ware county contains the following zones:

'Ware'

11 events were reported between 12/01/1950 and 12/31/2016 (24138 days)

Summary Info:

Number of County/Zone areas affected:	1
Number of Days with Event:	9
Number of Days with Event and Death:	0
Number of Days with Event and Death or Injury:	1
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.

Sort By:

Location	County/Zone	St.	Date	Time	T.Z.	Type	Mag	Dth	Inj	PrD	CrD
Totals:								0	3	21.700M	0.00K
WARE (ZONE)	WARE (ZONE)	GA	04/17/2007	12:00	EST-5	Wildfire		0	3	0.00K	0.00K
WARE (ZONE)	WARE (ZONE)	GA	05/01/2007	00:00	EST-5	Wildfire		0	0	21.700M	0.00K
WARE (ZONE)	WARE (ZONE)	GA	03/24/2011	15:27	EST-5	Wildfire		0	0	0.00K	0.00K
WARE (ZONE)	WARE (ZONE)	GA	04/28/2011	17:00	EST-5	Wildfire		0	0	0.00K	0.00K
WARE (ZONE)	WARE (ZONE)	GA	05/25/2011	19:00	EST-5	Wildfire		0	0	0.00K	0.00K
WARE (ZONE)	WARE (ZONE)	GA	06/01/2011	00:00	EST-5	Wildfire		0	0	0.00K	0.00K
WARE (ZONE)	WARE (ZONE)	GA	06/01/2011	00:00	EST-5	Wildfire		0	0	0.00K	0.00K
WARE (ZONE)	WARE (ZONE)	GA	07/01/2011	00:01	EST-5	Wildfire		0	0	0.00K	0.00K
WARE (ZONE)	WARE (ZONE)	GA	07/01/2011	00:01	EST-5	Wildfire		0	0	0.00K	0.00K
WARE (ZONE)	WARE (ZONE)	GA	09/13/2011	10:30	EST-5	Wildfire		0	0	0.00K	0.00K
WARE (ZONE)	WARE (ZONE)	GA	10/01/2011	00:01	EST-5	Wildfire		0	0	0.00K	0.00K
Totals:								0	3	21.700M	0.00K



Storm Events Database

Search Results for Ware County, Georgia

Event Types: **Drought**

Ware county contains the following zones:

'Ware'

1 events were reported between 01/01/1950 and 12/31/2016 (24472 days)

Summary Info:

Number of County/Zone areas affected:	1
Number of Days with Event:	1
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: Date/Time (Oldest) ▼

Location	County/Zone	St.	Date	Time	T.Z.	Type	Mag	Dth	Inj	PrD	CrD
Totals:								0	0	0.00K	0.00K
WARE (ZONE)	WARE (ZONE)	GA	12/01/2006	00:00	EST-5	Drought		0	0	0.00K	0.00K
Totals:								0	0	0.00K	0.00K

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United States Drought Monitor

[Home](#) > [Maps And Data](#) > [Data Tables](#)
[Login](#)

Tabular Data Archive

County

Ware County (GA)

Statistics type:

Traditional Percent Area

Legend

Percent Area in U.S. Drought Monitor Categories

Show entries

Search:

Week	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
2017-08-01	100.00	0.00	0.00	0.00	0.00	0.00
2017-07-25	100.00	0.00	0.00	0.00	0.00	0.00
2017-07-18	100.00	0.00	0.00	0.00	0.00	0.00
2017-07-11	100.00	0.00	0.00	0.00	0.00	0.00
2017-07-04	100.00	0.00	0.00	0.00	0.00	0.00
2017-06-27	88.49	11.51	0.00	0.00	0.00	0.00
2017-06-20	76.51	23.49	0.00	0.00	0.00	0.00
2017-06-13	13.56	86.44	68.49	0.00	0.00	0.00
2017-06-06	0.00	100.00	97.85	60.48	0.00	0.00
2017-05-30	0.00	100.00	100.00	97.22	0.00	0.00
2017-05-23	0.00	100.00	100.00	97.29	74.56	0.00
2017-05-16	0.00	100.00	100.00	97.30	74.56	0.00
2017-05-09	0.00	100.00	100.00	97.30	76.31	0.00
2017-05-02	0.00	100.00	100.00	97.30	0.00	0.00
2017-04-25	0.00	100.00	100.00	76.32	0.00	0.00
2017-04-18	0.00	100.00	100.00	26.81	0.00	0.00
2017-04-11	0.00	100.00	27.22	0.00	0.00	0.00
2017-04-04	0.00	100.00	0.00	0.00	0.00	0.00

Week	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
2017-03-28	0.00	100.00	0.00	0.00	0.00	0.00
2017-03-21	73.13	26.87	0.00	0.00	0.00	0.00
2017-03-14	100.00	0.00	0.00	0.00	0.00	0.00
2017-03-07	100.00	0.00	0.00	0.00	0.00	0.00
2017-02-28	100.00	0.00	0.00	0.00	0.00	0.00
2017-02-21	100.00	0.00	0.00	0.00	0.00	0.00
2017-02-14	100.00	0.00	0.00	0.00	0.00	0.00
2017-02-07	100.00	0.00	0.00	0.00	0.00	0.00
2017-01-31	100.00	0.00	0.00	0.00	0.00	0.00
2017-01-24	100.00	0.00	0.00	0.00	0.00	0.00
2017-01-17	0.00	100.00	87.01	0.00	0.00	0.00
2017-01-10	0.00	100.00	87.01	0.00	0.00	0.00
2017-01-03	0.00	100.00	93.89	0.00	0.00	0.00
2016-12-27	0.00	100.00	93.89	0.00	0.00	0.00
2016-12-20	0.00	100.00	93.89	0.00	0.00	0.00
2016-12-13	0.00	100.00	81.96	0.00	0.00	0.00
2016-12-06	0.00	100.00	86.04	0.00	0.00	0.00
2016-11-29	0.00	100.00	84.54	0.00	0.00	0.00
2016-11-22	0.00	100.00	0.00	0.00	0.00	0.00
2016-11-15	18.64	81.36	0.00	0.00	0.00	0.00
2016-11-08	18.64	81.36	0.00	0.00	0.00	0.00
2016-11-01	100.00	0.00	0.00	0.00	0.00	0.00
2016-10-25	100.00	0.00	0.00	0.00	0.00	0.00
2016-10-18	100.00	0.00	0.00	0.00	0.00	0.00
2016-10-11	100.00	0.00	0.00	0.00	0.00	0.00
2016-10-04	100.00	0.00	0.00	0.00	0.00	0.00
2016-09-27	100.00	0.00	0.00	0.00	0.00	0.00
2016-09-20	100.00	0.00	0.00	0.00	0.00	0.00
2016-09-13	100.00	0.00	0.00	0.00	0.00	0.00
2016-09-06	100.00	0.00	0.00	0.00	0.00	0.00
2016-08-30	100.00	0.00	0.00	0.00	0.00	0.00

Week	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
2016-08-23	100.00	0.00	0.00	0.00	0.00	0.00
2016-08-16	95.14	4.86	0.00	0.00	0.00	0.00
2016-08-09	95.14	4.86	0.00	0.00	0.00	0.00
2016-08-02	95.16	4.84	0.00	0.00	0.00	0.00
2016-07-26	99.94	0.06	0.00	0.00	0.00	0.00
2016-07-19	99.94	0.06	0.00	0.00	0.00	0.00
2016-07-12	100.00	0.00	0.00	0.00	0.00	0.00
2016-07-05	100.00	0.00	0.00	0.00	0.00	0.00
2016-06-28	100.00	0.00	0.00	0.00	0.00	0.00
2016-06-21	100.00	0.00	0.00	0.00	0.00	0.00
2016-06-14	100.00	0.00	0.00	0.00	0.00	0.00
2016-06-07	100.00	0.00	0.00	0.00	0.00	0.00
2016-05-31	100.00	0.00	0.00	0.00	0.00	0.00
2016-05-24	100.00	0.00	0.00	0.00	0.00	0.00
2016-05-17	99.65	0.35	0.00	0.00	0.00	0.00
2016-05-10	99.65	0.35	0.00	0.00	0.00	0.00
2016-05-03	99.65	0.35	0.00	0.00	0.00	0.00
2016-04-26	99.65	0.35	0.00	0.00	0.00	0.00
2016-04-19	99.65	0.35	0.00	0.00	0.00	0.00
2016-04-12	99.65	0.35	0.00	0.00	0.00	0.00
2016-04-05	100.00	0.00	0.00	0.00	0.00	0.00
2016-03-29	42.55	57.45	0.00	0.00	0.00	0.00
2016-03-22	22.85	77.15	0.00	0.00	0.00	0.00
2016-03-15	22.85	77.15	0.00	0.00	0.00	0.00
2016-03-08	22.85	77.15	0.00	0.00	0.00	0.00
2016-03-01	60.27	39.73	0.00	0.00	0.00	0.00
2016-02-23	66.41	33.59	0.00	0.00	0.00	0.00
2016-02-16	66.41	33.59	0.00	0.00	0.00	0.00
2016-02-09	66.41	33.59	0.00	0.00	0.00	0.00
2016-02-02	11.83	88.17	0.00	0.00	0.00	0.00
2016-01-26	12.01	87.99	0.00	0.00	0.00	0.00

Week	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
2016-01-19	12.01	87.99	0.00	0.00	0.00	0.00
2016-01-12	12.01	87.99	0.00	0.00	0.00	0.00
2016-01-05	12.01	87.99	0.00	0.00	0.00	0.00
2015-12-29	12.01	87.99	0.00	0.00	0.00	0.00
2015-12-22	0.00	100.00	0.00	0.00	0.00	0.00
2015-12-15	0.00	100.00	0.00	0.00	0.00	0.00
2015-12-08	0.00	100.00	0.00	0.00	0.00	0.00
2015-12-01	39.27	60.73	0.00	0.00	0.00	0.00
2015-11-24	38.98	61.02	0.00	0.00	0.00	0.00
2015-11-17	38.98	61.02	0.00	0.00	0.00	0.00
2015-11-10	86.01	13.99	0.00	0.00	0.00	0.00
2015-11-03	99.30	0.70	0.00	0.00	0.00	0.00
2015-10-27	99.30	0.70	0.00	0.00	0.00	0.00
2015-10-20	99.30	0.70	0.00	0.00	0.00	0.00
2015-10-13	99.30	0.70	0.00	0.00	0.00	0.00
2015-10-06	100.00	0.00	0.00	0.00	0.00	0.00
2015-09-29	100.00	0.00	0.00	0.00	0.00	0.00
2015-09-22	100.00	0.00	0.00	0.00	0.00	0.00
2015-09-15	100.00	0.00	0.00	0.00	0.00	0.00
2015-09-08	98.78	1.22	0.00	0.00	0.00	0.00
2015-09-01	31.92	68.08	0.27	0.00	0.00	0.00
2015-08-25	24.52	75.48	0.27	0.00	0.00	0.00
2015-08-18	24.07	75.93	0.27	0.00	0.00	0.00
2015-08-11	4.22	95.78	0.27	0.00	0.00	0.00
2015-08-04	4.11	95.89	11.84	0.00	0.00	0.00
2015-07-28	4.10	95.90	75.10	0.00	0.00	0.00
2015-07-21	4.10	95.90	75.10	2.30	0.00	0.00
2015-07-14	4.10	95.90	75.11	2.30	0.00	0.00
2015-07-07	4.10	95.90	75.11	2.30	0.00	0.00
2015-06-30	4.10	95.90	75.11	2.30	0.00	0.00
2015-06-23	4.10	95.90	79.27	3.20	0.00	0.00

Week	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
2015-06-16	4.10	95.90	54.62	0.00	0.00	0.00
2015-06-09	4.10	95.90	54.62	0.00	0.00	0.00
2015-06-02	0.03	99.97	68.52	0.00	0.00	0.00
2015-05-26	0.00	100.00	15.45	0.00	0.00	0.00
2015-05-19	0.00	100.00	0.00	0.00	0.00	0.00
2015-05-12	0.00	100.00	0.00	0.00	0.00	0.00
2015-05-05	62.43	37.57	0.00	0.00	0.00	0.00
2015-04-28	62.43	37.57	0.00	0.00	0.00	0.00
2015-04-21	98.74	1.26	0.00	0.00	0.00	0.00
2015-04-14	100.00	0.00	0.00	0.00	0.00	0.00
2015-04-07	100.00	0.00	0.00	0.00	0.00	0.00
2015-03-31	100.00	0.00	0.00	0.00	0.00	0.00
2015-03-24	100.00	0.00	0.00	0.00	0.00	0.00
2015-03-17	100.00	0.00	0.00	0.00	0.00	0.00
2015-03-10	100.00	0.00	0.00	0.00	0.00	0.00
2015-03-03	100.00	0.00	0.00	0.00	0.00	0.00
2015-02-24	100.00	0.00	0.00	0.00	0.00	0.00
2015-02-17	100.00	0.00	0.00	0.00	0.00	0.00
2015-02-10	100.00	0.00	0.00	0.00	0.00	0.00
2015-02-03	100.00	0.00	0.00	0.00	0.00	0.00
2015-01-27	100.00	0.00	0.00	0.00	0.00	0.00
2015-01-20	100.00	0.00	0.00	0.00	0.00	0.00
2015-01-13	100.00	0.00	0.00	0.00	0.00	0.00
2015-01-06	100.00	0.00	0.00	0.00	0.00	0.00
2014-12-30	100.00	0.00	0.00	0.00	0.00	0.00
2014-12-23	100.00	0.00	0.00	0.00	0.00	0.00
2014-12-16	100.00	0.00	0.00	0.00	0.00	0.00
2014-12-09	100.00	0.00	0.00	0.00	0.00	0.00
2014-12-02	100.00	0.00	0.00	0.00	0.00	0.00
2014-11-25	100.00	0.00	0.00	0.00	0.00	0.00
2014-11-18	57.39	42.61	0.00	0.00	0.00	0.00

Week	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
2014-11-11	92.97	7.03	0.00	0.00	0.00	0.00
2014-11-04	92.97	7.03	0.00	0.00	0.00	0.00
2014-10-28	92.97	7.03	0.00	0.00	0.00	0.00
2014-10-21	92.97	7.03	0.00	0.00	0.00	0.00
2014-10-14	95.55	4.45	0.00	0.00	0.00	0.00
2014-10-07	95.73	4.27	0.00	0.00	0.00	0.00
2014-09-30	88.43	11.57	0.00	0.00	0.00	0.00
2014-09-23	53.69	46.31	3.62	0.00	0.00	0.00
2014-09-16	18.15	81.85	6.16	0.11	0.00	0.00
2014-09-09	14.53	85.47	6.16	0.11	0.00	0.00
2014-09-02	0.00	100.00	68.23	2.41	0.00	0.00
2014-08-26	0.00	100.00	59.78	0.11	0.00	0.00
2014-08-19	0.00	100.00	0.54	0.07	0.00	0.00
2014-08-12	7.84	92.16	0.11	0.00	0.00	0.00
2014-08-05	7.84	92.16	0.11	0.00	0.00	0.00
2014-07-29	7.84	92.16	0.11	0.00	0.00	0.00
2014-07-22	88.43	11.57	0.00	0.00	0.00	0.00
2014-07-15	99.45	0.55	0.00	0.00	0.00	0.00
2014-07-08	100.00	0.00	0.00	0.00	0.00	0.00
2014-07-01	100.00	0.00	0.00	0.00	0.00	0.00
2014-06-24	100.00	0.00	0.00	0.00	0.00	0.00
2014-06-17	100.00	0.00	0.00	0.00	0.00	0.00
2014-06-10	100.00	0.00	0.00	0.00	0.00	0.00
2014-06-03	100.00	0.00	0.00	0.00	0.00	0.00
2014-05-27	100.00	0.00	0.00	0.00	0.00	0.00
2014-05-20	100.00	0.00	0.00	0.00	0.00	0.00
2014-05-13	100.00	0.00	0.00	0.00	0.00	0.00
2014-05-06	100.00	0.00	0.00	0.00	0.00	0.00
2014-04-29	100.00	0.00	0.00	0.00	0.00	0.00
2014-04-22	100.00	0.00	0.00	0.00	0.00	0.00
2014-04-15	100.00	0.00	0.00	0.00	0.00	0.00

Week	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
2014-04-08	100.00	0.00	0.00	0.00	0.00	0.00
2014-04-01	99.97	0.03	0.00	0.00	0.00	0.00
2014-03-25	99.97	0.03	0.00	0.00	0.00	0.00
2014-03-18	99.97	0.03	0.00	0.00	0.00	0.00
2014-03-11	99.96	0.04	0.00	0.00	0.00	0.00
2014-03-04	100.00	0.00	0.00	0.00	0.00	0.00
2014-02-25	100.00	0.00	0.00	0.00	0.00	0.00
2014-02-18	100.00	0.00	0.00	0.00	0.00	0.00
2014-02-11	100.00	0.00	0.00	0.00	0.00	0.00
2014-02-04	100.00	0.00	0.00	0.00	0.00	0.00
2014-01-28	100.00	0.00	0.00	0.00	0.00	0.00
2014-01-21	100.00	0.00	0.00	0.00	0.00	0.00
2014-01-14	100.00	0.00	0.00	0.00	0.00	0.00
2014-01-07	68.67	31.33	0.00	0.00	0.00	0.00
2013-12-31	68.67	31.33	0.00	0.00	0.00	0.00
2013-12-24	0.43	99.57	0.00	0.00	0.00	0.00
2013-12-17	0.43	99.57	0.00	0.00	0.00	0.00
2013-12-10	0.43	99.57	0.00	0.00	0.00	0.00
2013-12-03	0.43	99.57	0.00	0.00	0.00	0.00
2013-11-26	0.43	99.57	0.00	0.00	0.00	0.00
2013-11-19	0.43	99.57	0.00	0.00	0.00	0.00
2013-11-12	0.43	99.57	0.00	0.00	0.00	0.00
2013-11-05	0.43	99.57	0.00	0.00	0.00	0.00
2013-10-29	0.43	99.57	0.00	0.00	0.00	0.00
2013-10-22	1.61	98.39	0.00	0.00	0.00	0.00
2013-10-15	100.00	0.00	0.00	0.00	0.00	0.00
2013-10-08	100.00	0.00	0.00	0.00	0.00	0.00
2013-10-01	100.00	0.00	0.00	0.00	0.00	0.00
2013-09-24	100.00	0.00	0.00	0.00	0.00	0.00
2013-09-17	100.00	0.00	0.00	0.00	0.00	0.00
2013-09-10	100.00	0.00	0.00	0.00	0.00	0.00

Week	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
2013-09-03	100.00	0.00	0.00	0.00	0.00	0.00
2013-08-27	100.00	0.00	0.00	0.00	0.00	0.00
2013-08-20	100.00	0.00	0.00	0.00	0.00	0.00
2013-08-13	100.00	0.00	0.00	0.00	0.00	0.00
2013-08-06	100.00	0.00	0.00	0.00	0.00	0.00
2013-07-30	100.00	0.00	0.00	0.00	0.00	0.00
2013-07-23	100.00	0.00	0.00	0.00	0.00	0.00
2013-07-16	100.00	0.00	0.00	0.00	0.00	0.00
2013-07-09	100.00	0.00	0.00	0.00	0.00	0.00
2013-07-02	100.00	0.00	0.00	0.00	0.00	0.00
2013-06-25	100.00	0.00	0.00	0.00	0.00	0.00
2013-06-18	100.00	0.00	0.00	0.00	0.00	0.00
2013-06-11	100.00	0.00	0.00	0.00	0.00	0.00
2013-06-04	100.00	0.00	0.00	0.00	0.00	0.00
2013-05-28	100.00	0.00	0.00	0.00	0.00	0.00
2013-05-21	100.00	0.00	0.00	0.00	0.00	0.00
2013-05-14	100.00	0.00	0.00	0.00	0.00	0.00
2013-05-07	100.00	0.00	0.00	0.00	0.00	0.00
2013-04-30	100.00	0.00	0.00	0.00	0.00	0.00
2013-04-23	100.00	0.00	0.00	0.00	0.00	0.00
2013-04-16	100.00	0.00	0.00	0.00	0.00	0.00
2013-04-09	85.43	14.57	0.00	0.00	0.00	0.00
2013-04-02	53.93	46.07	4.32	0.00	0.00	0.00
2013-03-26	53.93	46.07	4.32	0.00	0.00	0.00
2013-03-19	0.00	100.00	49.33	5.88	0.00	0.00
2013-03-12	0.00	100.00	49.33	5.88	0.00	0.00
2013-03-05	0.00	100.00	49.33	5.88	0.00	0.00
2013-02-26	0.00	100.00	72.42	39.73	0.00	0.00
2013-02-19	0.00	100.00	100.00	100.00	39.72	0.00
2013-02-12	0.00	100.00	100.00	100.00	0.00	0.00
2013-02-05	0.00	100.00	100.00	100.00	0.00	0.00

Week	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
2013-01-29	0.00	100.00	100.00	100.00	0.00	0.00
2013-01-22	0.00	100.00	100.00	0.00	0.00	0.00
2013-01-15	0.00	100.00	100.00	0.00	0.00	0.00
2013-01-08	0.00	100.00	65.17	0.00	0.00	0.00
2013-01-01	0.00	100.00	65.17	0.00	0.00	0.00
2012-12-25	0.00	100.00	65.17	0.00	0.00	0.00
2012-12-18	31.30	68.70	46.55	0.00	0.00	0.00
2012-12-11	31.30	68.70	46.55	0.00	0.00	0.00
2012-12-04	30.42	69.58	46.55	0.00	0.00	0.00
2012-11-27	30.42	69.58	46.99	0.00	0.00	0.00
2012-11-20	30.42	69.58	0.00	0.00	0.00	0.00
2012-11-13	46.60	53.40	0.00	0.00	0.00	0.00
2012-11-06	56.53	43.47	0.00	0.00	0.00	0.00
2012-10-30	74.30	25.70	0.00	0.00	0.00	0.00
2012-10-23	100.00	0.00	0.00	0.00	0.00	0.00
2012-10-16	100.00	0.00	0.00	0.00	0.00	0.00
2012-10-09	100.00	0.00	0.00	0.00	0.00	0.00
2012-10-02	100.00	0.00	0.00	0.00	0.00	0.00
2012-09-25	100.00	0.00	0.00	0.00	0.00	0.00
2012-09-18	100.00	0.00	0.00	0.00	0.00	0.00
2012-09-11	100.00	0.00	0.00	0.00	0.00	0.00
2012-09-04	100.00	0.00	0.00	0.00	0.00	0.00
2012-08-28	100.00	0.00	0.00	0.00	0.00	0.00
2012-08-21	100.00	0.00	0.00	0.00	0.00	0.00
2012-08-14	100.00	0.00	0.00	0.00	0.00	0.00
2012-08-07	100.00	0.00	0.00	0.00	0.00	0.00
2012-07-31	100.00	0.00	0.00	0.00	0.00	0.00
2012-07-24	100.00	0.00	0.00	0.00	0.00	0.00
2012-07-17	100.00	0.00	0.00	0.00	0.00	0.00
2012-07-10	100.00	0.00	0.00	0.00	0.00	0.00
2012-07-03	100.00	0.00	0.00	0.00	0.00	0.00

Week	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
2012-06-26	100.00	0.00	0.00	0.00	0.00	0.00
2012-06-19	37.90	62.10	21.29	0.00	0.00	0.00
2012-06-12	0.00	100.00	59.03	10.69	0.00	0.00
2012-06-05	0.00	100.00	100.00	38.46	0.71	0.00
2012-05-29	0.00	100.00	100.00	96.22	10.63	0.00
2012-05-22	0.00	100.00	100.00	100.00	99.67	6.00
2012-05-15	0.00	100.00	100.00	100.00	99.67	6.00
2012-05-08	0.00	100.00	100.00	100.00	99.67	6.00
2012-05-01	0.00	100.00	100.00	100.00	99.67	6.09
2012-04-24	0.00	100.00	100.00	100.00	99.86	6.09
2012-04-17	0.00	100.00	100.00	100.00	99.86	6.09
2012-04-10	0.00	100.00	100.00	100.00	99.87	6.09
2012-04-03	0.00	100.00	100.00	100.00	99.87	0.00
2012-03-27	0.00	100.00	100.00	100.00	99.87	0.00
2012-03-20	0.00	100.00	100.00	100.00	99.87	0.00
2012-03-13	0.00	100.00	100.00	100.00	99.87	0.00
2012-03-06	0.00	100.00	100.00	100.00	99.87	0.00
2012-02-28	0.00	100.00	100.00	100.00	100.00	79.63
2012-02-21	0.00	100.00	100.00	100.00	100.00	79.63
2012-02-14	0.00	100.00	100.00	100.00	100.00	79.63
2012-02-07	0.00	100.00	100.00	100.00	100.00	79.63
2012-01-31	0.00	100.00	100.00	100.00	79.51	18.97
2012-01-24	0.00	100.00	100.00	100.00	79.51	0.00
2012-01-17	0.00	100.00	100.00	100.00	79.51	0.00
2012-01-10	0.00	100.00	100.00	80.04	36.46	0.00
2012-01-03	0.00	100.00	100.00	80.04	36.46	0.00
2011-12-27	0.00	100.00	100.00	80.04	36.46	0.00
2011-12-20	0.00	100.00	100.00	80.04	36.46	0.00
2011-12-13	0.00	100.00	100.00	80.04	24.63	0.00
2011-12-06	0.00	100.00	100.00	80.04	24.63	0.00
2011-11-29	0.00	100.00	100.00	80.04	24.63	0.00

Week	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
2011-11-22	0.00	100.00	100.00	87.56	60.99	0.00
2011-11-15	0.00	100.00	100.00	87.56	60.99	0.00
2011-11-08	0.00	100.00	100.00	86.59	59.58	0.00
2011-11-01	0.00	100.00	100.00	86.59	59.58	0.00
2011-10-25	0.00	100.00	100.00	86.59	59.58	0.00
2011-10-18	0.00	100.00	100.00	86.59	59.58	0.00
2011-10-11	0.00	100.00	100.00	86.59	76.03	0.00
2011-10-04	0.00	100.00	100.00	100.00	79.64	0.00
2011-09-27	0.00	100.00	100.00	100.00	81.28	0.00
2011-09-20	0.00	100.00	100.00	100.00	81.28	0.00
2011-09-13	0.00	100.00	100.00	100.00	96.08	0.00
2011-09-06	0.00	100.00	100.00	100.00	96.08	0.00
2011-08-30	0.00	100.00	100.00	100.00	95.86	0.00
2011-08-23	0.00	100.00	100.00	100.00	28.67	0.00
2011-08-16	0.00	100.00	100.00	100.00	28.67	0.00
2011-08-09	0.00	100.00	100.00	100.00	100.00	0.00
2011-08-02	0.00	100.00	100.00	100.00	100.00	0.00
2011-07-26	0.00	100.00	100.00	100.00	100.00	0.00
2011-07-19	0.00	100.00	100.00	100.00	100.00	0.00
2011-07-12	0.00	100.00	100.00	100.00	100.00	44.48
2011-07-05	0.00	100.00	100.00	100.00	100.00	83.52
2011-06-28	0.00	100.00	100.00	100.00	100.00	83.52
2011-06-21	0.00	100.00	100.00	100.00	100.00	83.52
2011-06-14	0.00	100.00	100.00	100.00	96.92	0.00
2011-06-07	0.00	100.00	100.00	100.00	93.99	0.00
2011-05-31	0.00	100.00	100.00	100.00	93.67	0.00
2011-05-24	0.00	100.00	100.00	100.00	86.74	0.00
2011-05-17	0.00	100.00	100.00	100.00	86.74	0.00
2011-05-10	0.00	100.00	100.00	100.00	86.74	0.00
2011-05-03	0.00	100.00	100.00	100.00	0.00	0.00
2011-04-26	0.00	100.00	100.00	100.00	0.00	0.00

Week	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
2011-04-19	0.00	100.00	100.00	100.00	0.00	0.00
2011-04-12	0.00	100.00	100.00	100.00	58.02	0.00
2011-04-05	0.00	100.00	100.00	100.00	58.02	0.00
2011-03-29	0.00	100.00	100.00	100.00	99.88	0.00
2011-03-22	0.00	100.00	100.00	100.00	33.75	0.00
2011-03-15	0.00	100.00	100.00	100.00	33.75	0.00
2011-03-08	0.00	100.00	100.00	100.00	33.75	0.00
2011-03-01	0.00	100.00	100.00	100.00	33.75	0.00
2011-02-22	0.00	100.00	100.00	100.00	33.75	0.00
2011-02-15	0.00	100.00	100.00	100.00	33.75	0.00
2011-02-08	0.00	100.00	100.00	100.00	33.75	0.00
2011-02-01	0.00	100.00	100.00	100.00	33.75	0.00
2011-01-25	0.00	100.00	100.00	100.00	33.75	0.00
2011-01-18	0.00	100.00	100.00	100.00	33.75	0.00
2011-01-11	0.00	100.00	100.00	100.00	33.75	0.00
2011-01-04	0.00	100.00	100.00	100.00	33.75	0.00
2010-12-28	0.00	100.00	100.00	100.00	33.75	0.00
2010-12-21	0.00	100.00	100.00	100.00	44.84	0.00
2010-12-14	0.00	100.00	100.00	100.00	51.02	0.00
2010-12-07	0.00	100.00	100.00	100.00	33.68	0.00
2010-11-30	0.00	100.00	100.00	100.00	0.00	0.00
2010-11-23	0.00	100.00	100.00	100.00	0.00	0.00
2010-11-16	0.00	100.00	100.00	100.00	0.00	0.00
2010-11-09	0.00	100.00	100.00	100.00	0.00	0.00
2010-11-02	0.00	100.00	100.00	100.00	0.00	0.00
2010-10-26	0.00	100.00	100.00	89.61	0.00	0.00
2010-10-19	0.00	100.00	100.00	89.61	0.00	0.00
2010-10-12	0.00	100.00	100.00	74.48	0.00	0.00
2010-10-05	0.00	100.00	100.00	74.48	0.00	0.00
2010-09-28	0.00	100.00	100.00	74.48	0.00	0.00
2010-09-21	0.00	100.00	100.00	0.00	0.00	0.00

Week	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
2010-09-14	0.00	100.00	100.00	0.00	0.00	0.00
2010-09-07	0.00	100.00	0.00	0.00	0.00	0.00
2010-08-31	0.00	100.00	0.00	0.00	0.00	0.00
2010-08-24	0.00	100.00	0.00	0.00	0.00	0.00
2010-08-17	0.00	100.00	0.00	0.00	0.00	0.00
2010-08-10	12.74	87.26	0.00	0.00	0.00	0.00
2010-08-03	98.50	1.50	0.00	0.00	0.00	0.00
2010-07-27	98.50	1.50	0.00	0.00	0.00	0.00
2010-07-20	99.59	0.41	0.00	0.00	0.00	0.00
2010-07-13	100.00	0.00	0.00	0.00	0.00	0.00
2010-07-06	100.00	0.00	0.00	0.00	0.00	0.00
2010-06-29	100.00	0.00	0.00	0.00	0.00	0.00
2010-06-22	100.00	0.00	0.00	0.00	0.00	0.00
2010-06-15	100.00	0.00	0.00	0.00	0.00	0.00
2010-06-08	100.00	0.00	0.00	0.00	0.00	0.00
2010-06-01	100.00	0.00	0.00	0.00	0.00	0.00
2010-05-25	100.00	0.00	0.00	0.00	0.00	0.00
2010-05-18	100.00	0.00	0.00	0.00	0.00	0.00
2010-05-11	100.00	0.00	0.00	0.00	0.00	0.00
2010-05-04	100.00	0.00	0.00	0.00	0.00	0.00
2010-04-27	100.00	0.00	0.00	0.00	0.00	0.00
2010-04-20	100.00	0.00	0.00	0.00	0.00	0.00
2010-04-13	100.00	0.00	0.00	0.00	0.00	0.00
2010-04-06	100.00	0.00	0.00	0.00	0.00	0.00
2010-03-30	100.00	0.00	0.00	0.00	0.00	0.00
2010-03-23	100.00	0.00	0.00	0.00	0.00	0.00
2010-03-16	100.00	0.00	0.00	0.00	0.00	0.00
2010-03-09	100.00	0.00	0.00	0.00	0.00	0.00
2010-03-02	100.00	0.00	0.00	0.00	0.00	0.00
2010-02-23	100.00	0.00	0.00	0.00	0.00	0.00
2010-02-16	100.00	0.00	0.00	0.00	0.00	0.00

Week	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
2010-02-09	100.00	0.00	0.00	0.00	0.00	0.00
2010-02-02	100.00	0.00	0.00	0.00	0.00	0.00
2010-01-26	100.00	0.00	0.00	0.00	0.00	0.00
2010-01-19	100.00	0.00	0.00	0.00	0.00	0.00
2010-01-12	100.00	0.00	0.00	0.00	0.00	0.00
2010-01-05	100.00	0.00	0.00	0.00	0.00	0.00
2009-12-29	100.00	0.00	0.00	0.00	0.00	0.00
2009-12-22	100.00	0.00	0.00	0.00	0.00	0.00
2009-12-15	100.00	0.00	0.00	0.00	0.00	0.00
2009-12-08	100.00	0.00	0.00	0.00	0.00	0.00
2009-12-01	75.37	24.63	0.00	0.00	0.00	0.00
2009-11-24	76.09	23.91	0.00	0.00	0.00	0.00
2009-11-17	76.09	23.91	0.00	0.00	0.00	0.00
2009-11-10	76.09	23.91	0.00	0.00	0.00	0.00
2009-11-03	76.09	23.91	0.00	0.00	0.00	0.00
2009-10-27	76.09	23.91	0.00	0.00	0.00	0.00
2009-10-20	76.09	23.91	0.00	0.00	0.00	0.00
2009-10-13	3.88	96.12	0.00	0.00	0.00	0.00
2009-10-06	100.00	0.00	0.00	0.00	0.00	0.00
2009-09-29	100.00	0.00	0.00	0.00	0.00	0.00
2009-09-22	100.00	0.00	0.00	0.00	0.00	0.00
2009-09-15	100.00	0.00	0.00	0.00	0.00	0.00
2009-09-08	100.00	0.00	0.00	0.00	0.00	0.00
2009-09-01	100.00	0.00	0.00	0.00	0.00	0.00
2009-08-25	100.00	0.00	0.00	0.00	0.00	0.00
2009-08-18	100.00	0.00	0.00	0.00	0.00	0.00
2009-08-11	100.00	0.00	0.00	0.00	0.00	0.00
2009-08-04	100.00	0.00	0.00	0.00	0.00	0.00
2009-07-28	100.00	0.00	0.00	0.00	0.00	0.00
2009-07-21	100.00	0.00	0.00	0.00	0.00	0.00
2009-07-14	100.00	0.00	0.00	0.00	0.00	0.00

Week	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
2009-07-07	100.00	0.00	0.00	0.00	0.00	0.00
2009-06-30	100.00	0.00	0.00	0.00	0.00	0.00
2009-06-23	100.00	0.00	0.00	0.00	0.00	0.00
2009-06-16	100.00	0.00	0.00	0.00	0.00	0.00
2009-06-09	100.00	0.00	0.00	0.00	0.00	0.00
2009-06-02	100.00	0.00	0.00	0.00	0.00	0.00
2009-05-26	100.00	0.00	0.00	0.00	0.00	0.00
2009-05-19	100.00	0.00	0.00	0.00	0.00	0.00
2009-05-12	100.00	0.00	0.00	0.00	0.00	0.00
2009-05-05	100.00	0.00	0.00	0.00	0.00	0.00
2009-04-28	100.00	0.00	0.00	0.00	0.00	0.00
2009-04-21	100.00	0.00	0.00	0.00	0.00	0.00
2009-04-14	100.00	0.00	0.00	0.00	0.00	0.00
2009-04-07	100.00	0.00	0.00	0.00	0.00	0.00
2009-03-31	0.00	100.00	64.41	0.00	0.00	0.00
2009-03-24	0.00	100.00	98.53	0.00	0.00	0.00
2009-03-17	0.00	100.00	98.53	0.00	0.00	0.00
2009-03-10	0.00	100.00	98.53	0.00	0.00	0.00
2009-03-03	0.00	100.00	98.53	0.00	0.00	0.00
2009-02-24	0.00	100.00	98.53	0.00	0.00	0.00
2009-02-17	0.00	100.00	60.83	0.00	0.00	0.00
2009-02-10	11.32	88.68	0.00	0.00	0.00	0.00
2009-02-03	100.00	0.00	0.00	0.00	0.00	0.00
2009-01-27	100.00	0.00	0.00	0.00	0.00	0.00
2009-01-20	100.00	0.00	0.00	0.00	0.00	0.00
2009-01-13	100.00	0.00	0.00	0.00	0.00	0.00
2009-01-06	100.00	0.00	0.00	0.00	0.00	0.00
2008-12-30	100.00	0.00	0.00	0.00	0.00	0.00
2008-12-23	100.00	0.00	0.00	0.00	0.00	0.00
2008-12-16	100.00	0.00	0.00	0.00	0.00	0.00
2008-12-09	100.00	0.00	0.00	0.00	0.00	0.00

Week	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
2008-12-02	100.00	0.00	0.00	0.00	0.00	0.00
2008-11-25	35.51	64.49	0.00	0.00	0.00	0.00
2008-11-18	35.51	64.49	0.00	0.00	0.00	0.00
2008-11-11	35.51	64.49	0.00	0.00	0.00	0.00
2008-11-04	35.51	64.49	0.00	0.00	0.00	0.00
2008-10-28	35.51	64.49	0.00	0.00	0.00	0.00
2008-10-21	25.45	74.55	63.87	0.00	0.00	0.00
2008-10-14	25.30	74.70	63.81	0.00	0.00	0.00
2008-10-07	3.39	96.61	62.62	0.00	0.00	0.00
2008-09-30	3.39	96.61	62.62	0.00	0.00	0.00
2008-09-23	36.36	63.64	0.00	0.00	0.00	0.00
2008-09-16	36.36	63.64	0.00	0.00	0.00	0.00
2008-09-09	36.36	63.64	0.00	0.00	0.00	0.00
2008-09-02	36.36	63.64	0.00	0.00	0.00	0.00
2008-08-26	36.36	63.64	0.00	0.00	0.00	0.00
2008-08-19	0.00	100.00	82.84	35.05	0.00	0.00
2008-08-12	0.00	100.00	82.84	35.05	0.00	0.00
2008-08-05	0.00	100.00	36.02	0.00	0.00	0.00
2008-07-29	0.00	100.00	36.02	0.00	0.00	0.00
2008-07-22	0.00	100.00	36.02	0.00	0.00	0.00
2008-07-15	0.00	100.00	0.00	0.00	0.00	0.00
2008-07-08	75.84	24.16	0.00	0.00	0.00	0.00
2008-07-01	75.84	24.16	0.00	0.00	0.00	0.00
2008-06-24	75.84	24.16	0.00	0.00	0.00	0.00
2008-06-17	87.60	12.40	0.00	0.00	0.00	0.00
2008-06-10	59.87	40.13	0.00	0.00	0.00	0.00
2008-06-03	59.87	40.13	0.00	0.00	0.00	0.00
2008-05-27	81.33	18.67	0.00	0.00	0.00	0.00
2008-05-20	81.33	18.67	0.00	0.00	0.00	0.00
2008-05-13	100.00	0.00	0.00	0.00	0.00	0.00
2008-05-06	89.95	10.05	0.00	0.00	0.00	0.00

Week	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
2008-04-29	89.95	10.05	0.00	0.00	0.00	0.00
2008-04-22	89.95	10.05	0.00	0.00	0.00	0.00
2008-04-15	100.00	0.00	0.00	0.00	0.00	0.00
2008-04-08	100.00	0.00	0.00	0.00	0.00	0.00
2008-04-01	100.00	0.00	0.00	0.00	0.00	0.00
2008-03-25	100.00	0.00	0.00	0.00	0.00	0.00
2008-03-18	100.00	0.00	0.00	0.00	0.00	0.00
2008-03-11	100.00	0.00	0.00	0.00	0.00	0.00
2008-03-04	100.00	0.00	0.00	0.00	0.00	0.00
2008-02-26	100.00	0.00	0.00	0.00	0.00	0.00
2008-02-19	0.00	100.00	0.00	0.00	0.00	0.00
2008-02-12	0.00	100.00	0.00	0.00	0.00	0.00
2008-02-05	0.00	100.00	0.00	0.00	0.00	0.00
2008-01-29	0.00	100.00	0.00	0.00	0.00	0.00
2008-01-22	0.00	100.00	0.00	0.00	0.00	0.00
2008-01-15	0.00	100.00	0.00	0.00	0.00	0.00
2008-01-08	0.00	100.00	0.00	0.00	0.00	0.00
2008-01-01	0.00	100.00	0.00	0.00	0.00	0.00
2007-12-25	0.00	100.00	4.22	0.00	0.00	0.00
2007-12-18	0.00	100.00	4.22	0.00	0.00	0.00
2007-12-11	0.00	100.00	2.74	0.00	0.00	0.00
2007-12-04	35.75	64.25	0.00	0.00	0.00	0.00
2007-11-27	63.38	36.62	0.00	0.00	0.00	0.00
2007-11-20	63.38	36.62	0.00	0.00	0.00	0.00
2007-11-13	63.38	36.62	0.00	0.00	0.00	0.00
2007-11-06	100.00	0.00	0.00	0.00	0.00	0.00
2007-10-30	100.00	0.00	0.00	0.00	0.00	0.00
2007-10-23	100.00	0.00	0.00	0.00	0.00	0.00
2007-10-16	100.00	0.00	0.00	0.00	0.00	0.00
2007-10-09	100.00	0.00	0.00	0.00	0.00	0.00
2007-10-02	79.34	20.66	0.00	0.00	0.00	0.00

Week	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
2007-09-25	79.34	20.66	0.00	0.00	0.00	0.00
2007-09-18	0.00	100.00	0.00	0.00	0.00	0.00
2007-09-11	0.00	100.00	0.00	0.00	0.00	0.00
2007-09-04	0.00	100.00	0.00	0.00	0.00	0.00
2007-08-28	0.00	100.00	96.50	13.92	0.00	0.00
2007-08-21	0.00	100.00	68.75	12.68	0.00	0.00
2007-08-14	0.00	100.00	68.77	12.68	0.00	0.00
2007-08-07	0.00	100.00	73.45	12.68	0.00	0.00
2007-07-31	0.00	100.00	100.00	58.13	0.00	0.00
2007-07-24	0.00	100.00	100.00	58.13	0.00	0.00
2007-07-17	0.00	100.00	100.00	58.13	0.00	0.00
2007-07-10	0.00	100.00	100.00	58.13	0.00	0.00
2007-07-03	0.00	100.00	100.00	58.13	0.00	0.00
2007-06-26	0.00	100.00	100.00	58.13	0.00	0.00
2007-06-19	0.00	100.00	100.00	100.00	0.00	0.00
2007-06-12	0.00	100.00	100.00	100.00	0.00	0.00
2007-06-05	0.00	100.00	100.00	100.00	0.00	0.00
2007-05-29	0.00	100.00	100.00	100.00	100.00	0.00
2007-05-22	0.00	100.00	100.00	100.00	100.00	0.00
2007-05-15	0.00	100.00	100.00	100.00	100.00	0.00
2007-05-08	0.00	100.00	100.00	100.00	100.00	0.00
2007-05-01	0.00	100.00	100.00	100.00	100.00	0.00
2007-04-24	0.00	100.00	100.00	100.00	100.00	0.00
2007-04-17	0.00	100.00	100.00	93.47	0.00	0.00
2007-04-10	0.00	100.00	100.00	0.00	0.00	0.00
2007-04-03	0.00	100.00	100.00	0.00	0.00	0.00
2007-03-27	0.00	100.00	0.00	0.00	0.00	0.00
2007-03-20	0.00	100.00	0.00	0.00	0.00	0.00
2007-03-13	36.58	63.42	0.00	0.00	0.00	0.00
2007-03-06	36.58	63.42	0.00	0.00	0.00	0.00
2007-02-27	24.70	75.30	0.00	0.00	0.00	0.00

Week	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
2007-02-20	24.70	75.30	0.00	0.00	0.00	0.00
2007-02-13	24.70	75.30	0.00	0.00	0.00	0.00
2007-02-06	24.70	75.30	0.00	0.00	0.00	0.00
2007-01-30	0.00	100.00	28.72	0.00	0.00	0.00
2007-01-23	0.00	100.00	28.72	0.00	0.00	0.00
2007-01-16	0.00	100.00	3.66	0.00	0.00	0.00
2007-01-09	0.00	100.00	3.66	0.00	0.00	0.00
2007-01-02	0.00	100.00	41.26	0.00	0.00	0.00
2006-12-26	0.00	100.00	82.17	0.00	0.00	0.00
2006-12-19	0.00	100.00	82.17	0.00	0.00	0.00
2006-12-12	0.00	100.00	82.17	0.00	0.00	0.00
2006-12-05	0.00	100.00	28.00	0.00	0.00	0.00
2006-11-28	12.36	87.64	28.00	0.00	0.00	0.00
2006-11-21	0.00	100.00	85.08	0.00	0.00	0.00
2006-11-14	0.00	100.00	100.00	0.00	0.00	0.00
2006-11-07	0.00	100.00	100.00	0.00	0.00	0.00
2006-10-31	0.00	100.00	100.00	0.00	0.00	0.00
2006-10-24	0.00	100.00	100.00	0.00	0.00	0.00
2006-10-17	0.00	100.00	100.00	0.00	0.00	0.00
2006-10-10	0.00	100.00	100.00	0.00	0.00	0.00
2006-10-03	0.00	100.00	71.49	0.00	0.00	0.00
2006-09-26	0.00	100.00	0.00	0.00	0.00	0.00
2006-09-19	0.00	100.00	0.00	0.00	0.00	0.00
2006-09-12	0.00	100.00	0.00	0.00	0.00	0.00
2006-09-05	0.00	100.00	0.00	0.00	0.00	0.00
2006-08-29	0.00	100.00	0.00	0.00	0.00	0.00
2006-08-22	0.00	100.00	63.84	0.00	0.00	0.00
2006-08-15	0.00	100.00	0.00	0.00	0.00	0.00
2006-08-08	0.00	100.00	0.00	0.00	0.00	0.00
2006-08-01	0.00	100.00	0.00	0.00	0.00	0.00
2006-07-25	0.00	100.00	0.00	0.00	0.00	0.00

Week	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
2006-07-18	0.00	100.00	0.00	0.00	0.00	0.00
2006-07-11	39.31	60.69	0.00	0.00	0.00	0.00
2006-07-04	100.00	0.00	0.00	0.00	0.00	0.00
2006-06-27	100.00	0.00	0.00	0.00	0.00	0.00
2006-06-20	100.00	0.00	0.00	0.00	0.00	0.00
2006-06-13	100.00	0.00	0.00	0.00	0.00	0.00
2006-06-06	92.89	7.11	0.00	0.00	0.00	0.00
2006-05-30	100.00	0.00	0.00	0.00	0.00	0.00
2006-05-23	100.00	0.00	0.00	0.00	0.00	0.00
2006-05-16	100.00	0.00	0.00	0.00	0.00	0.00
2006-05-09	100.00	0.00	0.00	0.00	0.00	0.00
2006-05-02	100.00	0.00	0.00	0.00	0.00	0.00
2006-04-25	100.00	0.00	0.00	0.00	0.00	0.00
2006-04-18	100.00	0.00	0.00	0.00	0.00	0.00
2006-04-11	100.00	0.00	0.00	0.00	0.00	0.00
2006-04-04	100.00	0.00	0.00	0.00	0.00	0.00
2006-03-28	100.00	0.00	0.00	0.00	0.00	0.00
2006-03-21	100.00	0.00	0.00	0.00	0.00	0.00
2006-03-14	100.00	0.00	0.00	0.00	0.00	0.00
2006-03-07	100.00	0.00	0.00	0.00	0.00	0.00
2006-02-28	100.00	0.00	0.00	0.00	0.00	0.00
2006-02-21	100.00	0.00	0.00	0.00	0.00	0.00
2006-02-14	100.00	0.00	0.00	0.00	0.00	0.00
2006-02-07	100.00	0.00	0.00	0.00	0.00	0.00
2006-01-31	100.00	0.00	0.00	0.00	0.00	0.00
2006-01-24	100.00	0.00	0.00	0.00	0.00	0.00
2006-01-17	100.00	0.00	0.00	0.00	0.00	0.00
2006-01-10	100.00	0.00	0.00	0.00	0.00	0.00
2006-01-03	100.00	0.00	0.00	0.00	0.00	0.00
2005-12-27	100.00	0.00	0.00	0.00	0.00	0.00
2005-12-20	100.00	0.00	0.00	0.00	0.00	0.00

Week	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
2005-12-13	100.00	0.00	0.00	0.00	0.00	0.00
2005-12-06	100.00	0.00	0.00	0.00	0.00	0.00
2005-11-29	100.00	0.00	0.00	0.00	0.00	0.00
2005-11-22	100.00	0.00	0.00	0.00	0.00	0.00
2005-11-15	100.00	0.00	0.00	0.00	0.00	0.00
2005-11-08	100.00	0.00	0.00	0.00	0.00	0.00
2005-11-01	100.00	0.00	0.00	0.00	0.00	0.00
2005-10-25	100.00	0.00	0.00	0.00	0.00	0.00
2005-10-18	100.00	0.00	0.00	0.00	0.00	0.00
2005-10-11	100.00	0.00	0.00	0.00	0.00	0.00
2005-10-04	100.00	0.00	0.00	0.00	0.00	0.00
2005-09-27	100.00	0.00	0.00	0.00	0.00	0.00
2005-09-20	100.00	0.00	0.00	0.00	0.00	0.00
2005-09-13	100.00	0.00	0.00	0.00	0.00	0.00
2005-09-06	100.00	0.00	0.00	0.00	0.00	0.00
2005-08-30	100.00	0.00	0.00	0.00	0.00	0.00
2005-08-23	100.00	0.00	0.00	0.00	0.00	0.00
2005-08-16	100.00	0.00	0.00	0.00	0.00	0.00
2005-08-09	100.00	0.00	0.00	0.00	0.00	0.00
2005-08-02	100.00	0.00	0.00	0.00	0.00	0.00
2005-07-26	100.00	0.00	0.00	0.00	0.00	0.00
2005-07-19	100.00	0.00	0.00	0.00	0.00	0.00
2005-07-12	100.00	0.00	0.00	0.00	0.00	0.00
2005-07-05	100.00	0.00	0.00	0.00	0.00	0.00
2005-06-28	100.00	0.00	0.00	0.00	0.00	0.00
2005-06-21	100.00	0.00	0.00	0.00	0.00	0.00
2005-06-14	100.00	0.00	0.00	0.00	0.00	0.00
2005-06-07	100.00	0.00	0.00	0.00	0.00	0.00
2005-05-31	100.00	0.00	0.00	0.00	0.00	0.00
2005-05-24	100.00	0.00	0.00	0.00	0.00	0.00
2005-05-17	100.00	0.00	0.00	0.00	0.00	0.00

Week	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
2005-05-10	100.00	0.00	0.00	0.00	0.00	0.00
2005-05-03	100.00	0.00	0.00	0.00	0.00	0.00
2005-04-26	100.00	0.00	0.00	0.00	0.00	0.00
2005-04-19	100.00	0.00	0.00	0.00	0.00	0.00
2005-04-12	100.00	0.00	0.00	0.00	0.00	0.00
2005-04-05	100.00	0.00	0.00	0.00	0.00	0.00
2005-03-29	100.00	0.00	0.00	0.00	0.00	0.00
2005-03-22	100.00	0.00	0.00	0.00	0.00	0.00
2005-03-15	100.00	0.00	0.00	0.00	0.00	0.00
2005-03-08	100.00	0.00	0.00	0.00	0.00	0.00
2005-03-01	100.00	0.00	0.00	0.00	0.00	0.00
2005-02-22	100.00	0.00	0.00	0.00	0.00	0.00
2005-02-15	100.00	0.00	0.00	0.00	0.00	0.00
2005-02-08	100.00	0.00	0.00	0.00	0.00	0.00
2005-02-01	100.00	0.00	0.00	0.00	0.00	0.00
2005-01-25	100.00	0.00	0.00	0.00	0.00	0.00
2005-01-18	100.00	0.00	0.00	0.00	0.00	0.00
2005-01-11	100.00	0.00	0.00	0.00	0.00	0.00
2005-01-04	100.00	0.00	0.00	0.00	0.00	0.00
2004-12-28	100.00	0.00	0.00	0.00	0.00	0.00
2004-12-21	100.00	0.00	0.00	0.00	0.00	0.00
2004-12-14	100.00	0.00	0.00	0.00	0.00	0.00
2004-12-07	100.00	0.00	0.00	0.00	0.00	0.00
2004-11-30	100.00	0.00	0.00	0.00	0.00	0.00
2004-11-23	100.00	0.00	0.00	0.00	0.00	0.00
2004-11-16	100.00	0.00	0.00	0.00	0.00	0.00
2004-11-09	100.00	0.00	0.00	0.00	0.00	0.00
2004-11-02	100.00	0.00	0.00	0.00	0.00	0.00
2004-10-26	100.00	0.00	0.00	0.00	0.00	0.00
2004-10-19	100.00	0.00	0.00	0.00	0.00	0.00
2004-10-12	100.00	0.00	0.00	0.00	0.00	0.00

Week	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
2004-10-05	100.00	0.00	0.00	0.00	0.00	0.00
2004-09-28	100.00	0.00	0.00	0.00	0.00	0.00
2004-09-21	100.00	0.00	0.00	0.00	0.00	0.00
2004-09-14	100.00	0.00	0.00	0.00	0.00	0.00
2004-09-07	100.00	0.00	0.00	0.00	0.00	0.00
2004-08-31	100.00	0.00	0.00	0.00	0.00	0.00
2004-08-24	100.00	0.00	0.00	0.00	0.00	0.00
2004-08-17	100.00	0.00	0.00	0.00	0.00	0.00
2004-08-10	68.22	31.78	0.00	0.00	0.00	0.00
2004-08-03	100.00	0.00	0.00	0.00	0.00	0.00
2004-07-27	100.00	0.00	0.00	0.00	0.00	0.00
2004-07-20	100.00	0.00	0.00	0.00	0.00	0.00
2004-07-13	100.00	0.00	0.00	0.00	0.00	0.00
2004-07-06	100.00	0.00	0.00	0.00	0.00	0.00
2004-06-29	62.11	37.89	0.00	0.00	0.00	0.00
2004-06-22	7.45	92.55	36.35	0.00	0.00	0.00
2004-06-15	0.00	100.00	42.85	0.00	0.00	0.00
2004-06-08	0.00	100.00	100.00	21.92	0.00	0.00
2004-06-01	0.00	100.00	100.00	0.00	0.00	0.00
2004-05-25	0.00	100.00	100.00	0.00	0.00	0.00
2004-05-18	0.00	100.00	0.00	0.00	0.00	0.00
2004-05-11	0.00	100.00	0.00	0.00	0.00	0.00
2004-05-04	0.00	100.00	0.00	0.00	0.00	0.00
2004-04-27	0.00	100.00	0.00	0.00	0.00	0.00
2004-04-20	0.00	100.00	0.00	0.00	0.00	0.00
2004-04-13	0.00	100.00	0.00	0.00	0.00	0.00
2004-04-06	0.00	100.00	0.00	0.00	0.00	0.00
2004-03-30	0.00	100.00	0.00	0.00	0.00	0.00
2004-03-23	0.00	100.00	0.00	0.00	0.00	0.00
2004-03-16	100.00	0.00	0.00	0.00	0.00	0.00
2004-03-09	100.00	0.00	0.00	0.00	0.00	0.00

Week	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
2004-03-02	100.00	0.00	0.00	0.00	0.00	0.00
2004-02-24	100.00	0.00	0.00	0.00	0.00	0.00
2004-02-17	100.00	0.00	0.00	0.00	0.00	0.00
2004-02-10	100.00	0.00	0.00	0.00	0.00	0.00
2004-02-03	100.00	0.00	0.00	0.00	0.00	0.00
2004-01-27	100.00	0.00	0.00	0.00	0.00	0.00
2004-01-20	100.00	0.00	0.00	0.00	0.00	0.00
2004-01-13	100.00	0.00	0.00	0.00	0.00	0.00
2004-01-06	100.00	0.00	0.00	0.00	0.00	0.00
2003-12-30	100.00	0.00	0.00	0.00	0.00	0.00
2003-12-23	100.00	0.00	0.00	0.00	0.00	0.00
2003-12-16	100.00	0.00	0.00	0.00	0.00	0.00
2003-12-09	100.00	0.00	0.00	0.00	0.00	0.00
2003-12-02	100.00	0.00	0.00	0.00	0.00	0.00
2003-11-25	100.00	0.00	0.00	0.00	0.00	0.00
2003-11-18	100.00	0.00	0.00	0.00	0.00	0.00
2003-11-11	100.00	0.00	0.00	0.00	0.00	0.00
2003-11-04	100.00	0.00	0.00	0.00	0.00	0.00
2003-10-28	100.00	0.00	0.00	0.00	0.00	0.00
2003-10-21	100.00	0.00	0.00	0.00	0.00	0.00
2003-10-14	100.00	0.00	0.00	0.00	0.00	0.00
2003-10-07	100.00	0.00	0.00	0.00	0.00	0.00
2003-09-30	100.00	0.00	0.00	0.00	0.00	0.00
2003-09-23	100.00	0.00	0.00	0.00	0.00	0.00
2003-09-16	100.00	0.00	0.00	0.00	0.00	0.00
2003-09-09	100.00	0.00	0.00	0.00	0.00	0.00
2003-09-02	100.00	0.00	0.00	0.00	0.00	0.00
2003-08-26	100.00	0.00	0.00	0.00	0.00	0.00
2003-08-19	100.00	0.00	0.00	0.00	0.00	0.00
2003-08-12	100.00	0.00	0.00	0.00	0.00	0.00
2003-08-05	100.00	0.00	0.00	0.00	0.00	0.00

Week	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
2003-07-29	100.00	0.00	0.00	0.00	0.00	0.00
2003-07-22	100.00	0.00	0.00	0.00	0.00	0.00
2003-07-15	100.00	0.00	0.00	0.00	0.00	0.00
2003-07-08	100.00	0.00	0.00	0.00	0.00	0.00
2003-07-01	100.00	0.00	0.00	0.00	0.00	0.00
2003-06-24	100.00	0.00	0.00	0.00	0.00	0.00
2003-06-17	100.00	0.00	0.00	0.00	0.00	0.00
2003-06-10	100.00	0.00	0.00	0.00	0.00	0.00
2003-06-03	100.00	0.00	0.00	0.00	0.00	0.00
2003-05-27	100.00	0.00	0.00	0.00	0.00	0.00
2003-05-20	100.00	0.00	0.00	0.00	0.00	0.00
2003-05-13	89.30	10.70	0.00	0.00	0.00	0.00
2003-05-06	100.00	0.00	0.00	0.00	0.00	0.00
2003-04-29	100.00	0.00	0.00	0.00	0.00	0.00
2003-04-22	100.00	0.00	0.00	0.00	0.00	0.00
2003-04-15	100.00	0.00	0.00	0.00	0.00	0.00
2003-04-08	100.00	0.00	0.00	0.00	0.00	0.00
2003-04-01	100.00	0.00	0.00	0.00	0.00	0.00
2003-03-25	100.00	0.00	0.00	0.00	0.00	0.00
2003-03-18	100.00	0.00	0.00	0.00	0.00	0.00
2003-03-11	100.00	0.00	0.00	0.00	0.00	0.00
2003-03-04	24.54	75.46	0.00	0.00	0.00	0.00
2003-02-25	23.93	76.07	0.00	0.00	0.00	0.00
2003-02-18	22.19	77.81	0.00	0.00	0.00	0.00
2003-02-11	24.45	75.55	0.00	0.00	0.00	0.00
2003-02-04	14.86	85.14	0.00	0.00	0.00	0.00
2003-01-28	26.48	73.52	0.00	0.00	0.00	0.00
2003-01-21	27.97	72.03	0.00	0.00	0.00	0.00
2003-01-14	26.28	73.72	0.00	0.00	0.00	0.00
2003-01-07	24.73	75.27	0.00	0.00	0.00	0.00
2002-12-31	28.06	71.94	0.00	0.00	0.00	0.00

Week	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
2002-12-24	20.11	79.89	0.00	0.00	0.00	0.00
2002-12-17	23.80	76.20	0.00	0.00	0.00	0.00
2002-12-10	18.73	81.27	0.00	0.00	0.00	0.00
2002-12-03	23.69	76.31	0.00	0.00	0.00	0.00
2002-11-26	12.97	87.03	0.00	0.00	0.00	0.00
2002-11-19	17.71	82.29	0.00	0.00	0.00	0.00
2002-11-12	17.53	82.47	0.00	0.00	0.00	0.00
2002-11-05	24.46	75.54	1.07	0.00	0.00	0.00
2002-10-29	28.13	71.87	0.78	0.00	0.00	0.00
2002-10-22	26.84	73.16	13.28	0.00	0.00	0.00
2002-10-15	0.00	100.00	15.02	0.00	0.00	0.00
2002-10-08	0.00	100.00	62.49	0.00	0.00	0.00
2002-10-01	30.07	69.93	0.00	0.00	0.00	0.00
2002-09-24	83.81	16.19	0.00	0.00	0.00	0.00
2002-09-17	71.06	28.94	0.00	0.00	0.00	0.00
2002-09-10	24.72	75.28	41.79	0.00	0.00	0.00
2002-09-03	26.62	73.38	37.38	0.00	0.00	0.00
2002-08-27	25.69	74.31	20.25	0.00	0.00	0.00
2002-08-20	24.80	75.20	20.24	0.00	0.00	0.00
2002-08-13	25.84	74.16	16.85	0.00	0.00	0.00
2002-08-06	24.77	75.23	5.62	0.00	0.00	0.00
2002-07-30	25.46	74.54	6.61	0.00	0.00	0.00
2002-07-23	3.68	96.32	50.15	16.78	0.00	0.00
2002-07-16	0.00	100.00	76.88	73.15	0.00	0.00
2002-07-09	0.00	100.00	77.91	73.20	0.00	0.00
2002-07-02	0.00	100.00	84.61	73.60	0.00	0.00
2002-06-25	0.00	100.00	83.31	70.91	0.00	0.00
2002-06-18	0.00	100.00	100.00	100.00	0.25	0.00
2002-06-11	0.00	100.00	100.00	100.00	1.86	0.00
2002-06-04	0.00	100.00	100.00	100.00	3.01	0.00
2002-05-28	0.00	100.00	100.00	100.00	0.00	0.00

Week	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
2002-05-21	0.00	100.00	100.00	97.09	18.42	0.00
2002-05-14	0.00	100.00	100.00	100.00	0.00	0.00
2002-05-07	0.00	100.00	100.00	39.86	0.00	0.00
2002-04-30	0.00	100.00	85.76	32.45	0.00	0.00
2002-04-23	0.00	100.00	74.17	10.48	0.00	0.00
2002-04-16	0.00	100.00	73.13	13.65	0.00	0.00
2002-04-09	0.00	100.00	74.65	0.25	0.00	0.00
2002-04-02	0.00	100.00	75.37	0.32	0.00	0.00
2002-03-26	0.00	100.00	42.29	3.83	0.00	0.00
2002-03-19	0.00	100.00	50.90	0.00	0.00	0.00
2002-03-12	0.00	100.00	45.39	0.00	0.00	0.00
2002-03-05	5.08	94.92	50.87	0.00	0.00	0.00
2002-02-26	0.00	100.00	85.92	45.65	0.00	0.00
2002-02-19	0.00	100.00	96.73	18.21	0.00	0.00
2002-02-12	0.00	100.00	95.48	19.52	0.00	0.00
2002-02-05	0.00	100.00	84.05	0.00	0.00	0.00
2002-01-29	0.00	100.00	99.92	0.00	0.00	0.00
2002-01-22	0.00	100.00	99.25	0.00	0.00	0.00
2002-01-15	0.00	100.00	97.84	0.00	0.00	0.00
2002-01-08	0.00	100.00	100.00	6.65	0.00	0.00
2002-01-01	0.00	100.00	100.00	26.25	0.00	0.00
2001-12-25	0.00	100.00	67.27	0.00	0.00	0.00
2001-12-18	12.10	87.90	67.27	0.00	0.00	0.00
2001-12-11	29.15	70.85	16.33	0.00	0.00	0.00
2001-12-04	0.00	100.00	26.08	0.00	0.00	0.00
2001-11-27	0.00	100.00	26.08	0.00	0.00	0.00
2001-11-20	0.00	100.00	26.08	0.00	0.00	0.00
2001-11-13	0.00	100.00	26.08	0.00	0.00	0.00
2001-11-06	0.00	100.00	0.25	0.00	0.00	0.00
2001-10-30	0.00	100.00	0.00	0.00	0.00	0.00
2001-10-23	100.00	0.00	0.00	0.00	0.00	0.00

Week	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
2001-10-16	100.00	0.00	0.00	0.00	0.00	0.00
2001-10-09	100.00	0.00	0.00	0.00	0.00	0.00
2001-10-02	100.00	0.00	0.00	0.00	0.00	0.00
2001-09-25	100.00	0.00	0.00	0.00	0.00	0.00
2001-09-18	100.00	0.00	0.00	0.00	0.00	0.00
2001-09-11	100.00	0.00	0.00	0.00	0.00	0.00
2001-09-04	100.00	0.00	0.00	0.00	0.00	0.00
2001-08-28	100.00	0.00	0.00	0.00	0.00	0.00
2001-08-21	100.00	0.00	0.00	0.00	0.00	0.00
2001-08-14	100.00	0.00	0.00	0.00	0.00	0.00
2001-08-07	100.00	0.00	0.00	0.00	0.00	0.00
2001-07-31	33.44	66.56	0.00	0.00	0.00	0.00
2001-07-24	36.39	63.61	0.00	0.00	0.00	0.00
2001-07-17	36.39	63.61	0.00	0.00	0.00	0.00
2001-07-10	36.39	63.61	13.03	0.00	0.00	0.00
2001-07-03	0.00	100.00	33.19	0.00	0.00	0.00
2001-06-26	0.00	100.00	97.98	0.00	0.00	0.00
2001-06-19	0.00	100.00	97.98	0.00	0.00	0.00
2001-06-12	0.00	100.00	97.45	0.00	0.00	0.00
2001-06-05	0.00	100.00	100.00	100.00	4.38	0.00
2001-05-29	0.00	100.00	100.00	100.00	0.00	0.00
2001-05-22	0.00	100.00	100.00	100.00	0.00	0.00
2001-05-15	0.00	100.00	100.00	100.00	0.00	0.00
2001-05-08	0.00	100.00	100.00	27.32	0.00	0.00
2001-05-01	0.00	100.00	100.00	9.07	0.00	0.00
2001-04-24	0.00	100.00	100.00	9.08	0.00	0.00
2001-04-17	0.00	100.00	100.00	9.07	0.00	0.00
2001-04-10	0.00	100.00	100.00	9.07	0.00	0.00
2001-04-03	0.00	100.00	100.00	9.07	0.00	0.00
2001-03-27	0.00	100.00	100.00	9.07	0.00	0.00
2001-03-20	0.00	100.00	100.00	9.07	0.00	0.00

Week	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
2001-03-13	0.00	100.00	100.00	24.17	0.00	0.00
2001-03-06	0.00	100.00	100.00	59.76	0.00	0.00
2001-02-27	0.00	100.00	100.00	29.08	0.00	0.00
2001-02-20	0.00	100.00	100.00	29.08	0.00	0.00
2001-02-13	0.00	100.00	100.00	30.44	0.00	0.00
2001-02-06	0.00	100.00	26.48	0.00	0.00	0.00
2001-01-30	0.00	100.00	25.15	0.00	0.00	0.00
2001-01-23	0.00	100.00	25.15	0.00	0.00	0.00
2001-01-16	0.00	100.00	5.29	0.00	0.00	0.00
2001-01-09	0.00	100.00	5.29	0.00	0.00	0.00
2001-01-02	0.00	100.00	5.29	0.00	0.00	0.00
2000-12-26	0.00	100.00	65.94	0.00	0.00	0.00
2000-12-19	0.00	100.00	26.55	0.00	0.00	0.00
2000-12-12	0.00	100.00	19.57	0.00	0.00	0.00
2000-12-05	0.00	100.00	19.57	0.00	0.00	0.00
2000-11-28	0.00	100.00	19.57	0.00	0.00	0.00
2000-11-21	0.00	100.00	30.72	0.00	0.00	0.00
2000-11-14	0.00	100.00	6.23	0.00	0.00	0.00
2000-11-07	0.00	100.00	6.24	0.00	0.00	0.00
2000-10-31	0.00	100.00	3.82	0.00	0.00	0.00
2000-10-24	0.00	100.00	0.00	0.00	0.00	0.00
2000-10-17	95.09	4.91	0.00	0.00	0.00	0.00
2000-10-10	100.00	0.00	0.00	0.00	0.00	0.00
2000-10-03	100.00	0.00	0.00	0.00	0.00	0.00
2000-09-26	100.00	0.00	0.00	0.00	0.00	0.00
2000-09-19	100.00	0.00	0.00	0.00	0.00	0.00
2000-09-12	69.45	30.55	0.00	0.00	0.00	0.00
2000-09-05	0.00	100.00	4.24	0.00	0.00	0.00
2000-08-29	0.00	100.00	4.24	0.00	0.00	0.00
2000-08-22	0.00	100.00	4.23	0.00	0.00	0.00
2000-08-15	0.00	100.00	86.56	0.00	0.00	0.00

Week	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
2000-08-08	0.00	100.00	100.00	0.00	0.00	0.00
2000-08-01	0.00	100.00	100.00	95.13	0.00	0.00
2000-07-25	0.00	100.00	100.00	100.00	0.00	0.00
2000-07-18	0.00	100.00	100.00	100.00	0.00	0.00
2000-07-11	0.00	100.00	100.00	100.00	16.23	0.00
2000-07-04	0.00	100.00	100.00	100.00	0.00	0.00
2000-06-27	0.00	100.00	100.00	100.00	50.60	0.00
2000-06-20	0.00	100.00	100.00	100.00	100.00	0.00
2000-06-13	0.00	100.00	100.00	100.00	100.00	0.00
2000-06-06	0.00	100.00	100.00	100.00	0.00	0.00
2000-05-30	0.00	100.00	100.00	100.00	0.00	0.00
2000-05-23	0.00	100.00	100.00	92.24	0.00	0.00
2000-05-16	0.00	100.00	100.00	92.24	0.00	0.00
2000-05-09	0.00	100.00	100.00	0.06	0.00	0.00
2000-05-02	0.00	100.00	100.00	0.00	0.00	0.00
2000-04-25	0.00	100.00	100.00	0.00	0.00	0.00
2000-04-18	0.00	100.00	100.00	100.00	0.00	0.00
2000-04-11	0.00	100.00	100.00	100.00	0.00	0.00
2000-04-04	0.00	100.00	100.00	100.00	0.00	0.00
2000-03-28	0.00	100.00	100.00	100.00	0.00	0.00
2000-03-21	0.00	100.00	100.00	100.00	0.00	0.00
2000-03-14	0.00	100.00	100.00	100.00	0.00	0.00
2000-03-07	0.00	100.00	100.00	100.00	0.00	0.00
2000-02-29	0.00	100.00	100.00	100.00	0.00	0.00
2000-02-22	0.00	100.00	100.00	100.00	0.00	0.00
2000-02-15	0.00	100.00	100.00	100.00	0.00	0.00
2000-02-08	0.00	100.00	100.00	100.00	0.00	0.00
2000-02-01	0.00	100.00	100.00	100.00	0.00	0.00
2000-01-25	0.00	100.00	100.00	100.00	0.00	0.00
2000-01-18	0.00	100.00	100.00	100.00	0.00	0.00
2000-01-11	0.00	100.00	100.00	100.00	0.00	0.00

Week ▼	None ◆	D0-D4 ◆	D1-D4 ◆	D2-D4 ◆	D3-D4 ◆	D4 ◆
2000-01-04	0.00	100.00	100.00	100.00	0.00	0.00

Showing 1 to 918 of 918 entries

First

Previous

1

Next

Last

The National Drought Mitigation Center | University of Nebraska-Lincoln
3310 Holdrege Street | P.O. Box 830988 | Lincoln, NE 68583-0988
phone: (402) 472-6707 | fax: (402) 472-2946 | [Contact Us](#) | [Web Policy](#)



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Storm Events Database

Search Results for Ware County, Georgia

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

Ware county contains the following zones:

'Ware'

165 events were reported between 01/01/1950 and 12/31/2016 (24472 days)

Summary Info:

Number of County/Zone areas affected:	1
Number of Days with Event:	123
Number of Days with Event and Death:	0
Number of Days with Event and Death or Injury:	1
Number of Days with Event and Property Damage:	49
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

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	I.Z.	Type	Mag	Dth	Inj	PrD	CrD
Totals:								0	1	2.747M	0.00K
WARE CO.	WARE CO.	GA	05/29/1957	15:00	CST	Thunderstorm Wind	0 kts.	0	0	0.00K	0.00K
WARE CO.	WARE CO.	GA	06/27/1972	11:25	CST	Thunderstorm Wind	67 kts.	0	0	0.00K	0.00K
WARE CO.	WARE CO.	GA	03/21/1974	08:52	CST	Thunderstorm Wind	0 kts.	0	0	0.00K	0.00K
WARE CO.	WARE CO.	GA	06/23/1974	16:20	CST	Thunderstorm Wind	0 kts.	0	0	0.00K	0.00K
WARE CO.	WARE CO.	GA	03/16/1976	10:10	CST	Thunderstorm Wind	0 kts.	0	0	0.00K	0.00K
WARE CO.	WARE CO.	GA	06/22/1977	15:00	CST	Thunderstorm Wind	56 kts.	0	0	0.00K	0.00K
WARE CO.	WARE CO.	GA	07/20/1978	12:12	CST	Thunderstorm Wind	55 kts.	0	0	0.00K	0.00K
WARE CO.	WARE CO.	GA	07/06/1980	16:35	CST	Thunderstorm Wind	0 kts.	0	0	0.00K	0.00K
WARE CO.	WARE CO.	GA	06/26/1981	12:00	CST	Thunderstorm Wind	0 kts.	0	0	0.00K	0.00K
WARE CO.	WARE CO.	GA	04/05/1982	17:00	CST	Thunderstorm Wind	0 kts.	0	0	0.00K	0.00K
WARE CO.	WARE CO.	GA	02/22/1983	17:30	CST	Thunderstorm Wind	0 kts.	0	0	0.00K	0.00K
WARE CO.	WARE CO.	GA	06/06/1985	15:30	CST	Thunderstorm Wind	0 kts.	0	0	0.00K	0.00K
WARE CO.	WARE CO.	GA	06/06/1985	15:45	CST	Thunderstorm Wind	0 kts.	0	0	0.00K	0.00K
WARE CO.	WARE CO.	GA	06/06/1985	15:45	CST	Thunderstorm Wind	0 kts.	0	0	0.00K	0.00K
WARE CO.	WARE CO.	GA	06/19/1985	18:00	CST	Thunderstorm Wind	0 kts.	0	0	0.00K	0.00K
WARE CO.	WARE CO.	GA	02/06/1986	09:15	CST	Thunderstorm Wind	0 kts.	0	0	0.00K	0.00K
WARE CO.	WARE CO.	GA	06/20/1987	14:15	CST	Thunderstorm Wind	50 kts.	0	0	0.00K	0.00K
WARE CO.	WARE CO.	GA	07/28/1987	18:30	CST	Thunderstorm Wind	0 kts.	0	0	0.00K	0.00K
WARE CO.	WARE CO.	GA	06/16/1989	12:05	CST	Thunderstorm Wind	0 kts.	0	0	0.00K	0.00K
WARE CO.	WARE CO.	GA	05/16/1990	16:00	CST	Thunderstorm Wind	0 kts.	0	0	0.00K	0.00K
WARE CO.	WARE CO.	GA	03/03/1991	05:30	CST	Thunderstorm Wind	0 kts.	0	0	0.00K	0.00K
WARE CO.	WARE CO.	GA	06/04/1991	19:00	CST	Thunderstorm Wind	0 kts.	0	0	0.00K	0.00K
WARE CO.	WARE CO.	GA	07/15/1991	18:00	CST	Thunderstorm Wind	0 kts.	0	0	0.00K	0.00K
WARE CO.	WARE CO.	GA	09/11/1992	18:40	PST	Thunderstorm Wind	0 kts.	0	0	0.00K	0.00K
Waycross	WARE CO.	GA	06/04/1994	16:18	EST	Thunderstorm Wind	0 kts.	0	0	0.50K	0.00K

Waycross	WARE CO.	GA	06/25/1994	11:50	EST	Thunderstorm Wind	51 kts.	0	0	5.00K	0.00K
Waycross	WARE CO.	GA	06/25/1994	15:45	EST	Thunderstorm Wind	0 kts.	0	0	50.00K	0.00K
Bickley	WARE CO.	GA	07/25/1995	18:10	EST	Thunderstorm Wind	0 kts.	0	0	2.50K	0.00K
Dixie Union	WARE CO.	GA	11/07/1995	17:30	EST	Thunderstorm Wind	0 kts.	0	0	5.00K	0.00K
Waycross	WARE CO.	GA	11/07/1995	18:00	EST	Thunderstorm Wind	60 kts.	0	0	10.00K	0.00K
Waycross	WARE CO.	GA	11/11/1995	13:36	EST	Thunderstorm Wind	0 kts.	0	0	1.00K	0.00K
(AYS)WARE CO ARPT WA	WARE CO.	GA	05/28/1996	12:19	EST	Thunderstorm Wind	60 kts.	0	0	10.00K	0.00K
MANOR	WARE CO.	GA	05/28/1996	12:19	EST	Thunderstorm Wind	65 kts.	0	1	15.00K	0.00K
WAYCROSS	WARE CO.	GA	04/28/1997	04:50	EST	Thunderstorm Wind		0	0	5.00K	0.00K
WAYCROSS	WARE CO.	GA	04/28/1997	04:50	EST	Thunderstorm Wind		0	0	2.00K	0.00K
WARESBORO	WARE CO.	GA	05/24/1997	16:46	EST	Thunderstorm Wind		0	0	2.50K	0.00K
WAYCROSS	WARE CO.	GA	05/27/1997	13:45	EST	Thunderstorm Wind		0	0	1.50K	0.00K
DIXIE UNION	WARE CO.	GA	05/27/1997	13:50	EST	Thunderstorm Wind		0	0	2.00K	0.00K
WAYCROSS	WARE CO.	GA	07/05/1997	11:10	EST	Thunderstorm Wind		0	0	0.60K	0.00K
WAYCROSS	WARE CO.	GA	07/09/1997	15:50	EST	Thunderstorm Wind		0	0	2.50K	0.00K
BICKLEY	WARE CO.	GA	10/25/1997	19:10	EST	Thunderstorm Wind		0	0	2.50K	0.00K
MILLWOOD	WARE CO.	GA	10/26/1997	00:05	EST	Thunderstorm Wind		0	0	1.50K	0.00K
WAYCROSS	WARE CO.	GA	04/08/1998	14:00	EST	Thunderstorm Wind		0	0	1.50K	0.00K
WAYCROSS	WARE CO.	GA	06/05/1998	20:22	EST	Thunderstorm Wind		0	0	15.00K	0.00K
WAYCROSS	WARE CO.	GA	06/19/1998	19:23	EST	Thunderstorm Wind		0	0	1.50K	0.00K
GLENMORE	WARE CO.	GA	06/27/1998	16:00	EST	Thunderstorm Wind		0	0	1.50K	0.00K
WAYCROSS	WARE CO.	GA	07/28/1998	18:40	EST	Thunderstorm Wind		0	0	1.50K	0.00K
WAYCROSS	WARE CO.	GA	07/31/1998	18:00	EST	Thunderstorm Wind		0	0	1.50K	0.00K
WAYCROSS	WARE CO.	GA	07/31/1998	18:20	EST	Thunderstorm Wind		0	0	2.50K	0.00K
WAYCROSS	WARE CO.	GA	08/16/1998	17:20	EST	Thunderstorm Wind		0	0	0.50K	0.00K
WAYCROSS	WARE CO.	GA	08/16/1998	17:40	EST	Thunderstorm Wind		0	0	1.50K	0.00K
DIXIE UNION	WARE CO.	GA	08/31/1998	17:35	EST	Thunderstorm Wind		0	0	1.50K	0.00K
WAYCROSS	WARE CO.	GA	01/02/1999	16:00	EST	Thunderstorm Wind		0	0	2.200M	0.00K
WAYCROSS	WARE CO.	GA	08/02/1999	19:45	EST	Thunderstorm Wind		0	0	3.50K	0.00K
DIXIE UNION	WARE CO.	GA	08/22/1999	16:00	EST	Thunderstorm Wind		0	0	15.00K	0.00K
WAYCROSS	WARE CO.	GA	09/07/1999	16:45	EST	Thunderstorm Wind		0	0	3.50K	0.00K
WAHOMA	WARE CO.	GA	01/24/2000	08:15	EST	Thunderstorm Wind		0	0	1.50K	0.00K
WAYCROSS	WARE CO.	GA	02/27/2000	13:38	EST	Thunderstorm Wind		0	0	0.60K	0.00K
MANOR	WARE CO.	GA	04/24/2000	12:25	EST	Thunderstorm Wind		0	0	2.50K	0.00K
WAYCROSS	WARE CO.	GA	06/13/2000	18:15	EST	Thunderstorm Wind		0	0	3.50K	0.00K
WAYCROSS	WARE CO.	GA	06/14/2000	17:35	EST	Thunderstorm Wind		0	0	3.50K	0.00K
MANOR	WARE CO.	GA	06/15/2000	17:00	EST	Thunderstorm Wind		0	0	3.50K	0.00K
WAYCROSS	WARE CO.	GA	06/19/2000	19:00	EST	Thunderstorm Wind		0	0	2.50K	0.00K
WAYCROSS	WARE CO.	GA	08/10/2000	21:30	EST	Thunderstorm Wind		0	0	50.00K	0.00K
WAYCROSS	WARE CO.	GA	03/15/2001	16:12	EST	Thunderstorm Wind		0	0	2.50K	0.00K
WAYCROSS	WARE CO.	GA	05/25/2001	15:20	EST	Thunderstorm Wind		0	0	0.50K	0.00K
NEEDHAM	WARE CO.	GA	06/05/2001	18:45	EST	Thunderstorm Wind		0	0	3.50K	0.00K
WAYCROSS	WARE CO.	GA	06/05/2001	19:30	EST	Thunderstorm Wind		0	0	2.50K	0.00K
WAYCROSS	WARE CO.	GA	06/23/2001	20:30	EST	Thunderstorm Wind		0	0	3.00K	0.00K
(AYS)WARE CO ARPT WA	WARE CO.	GA	07/28/2002	17:10	EST	Thunderstorm Wind		0	0	0.00K	0.00K
DIXIE UNION	WARE CO.	GA	10/21/2002	15:55	EST	Thunderstorm Wind		0	0	0.00K	0.00K
FT MUDGE	WARE CO.	GA	11/06/2002	05:30	EST	Thunderstorm Wind		0	0	2.00K	0.00K
COUNTYWIDE	WARE CO.	GA	03/20/2003	15:35	EST	Thunderstorm Wind	60 kts. EG	0	0	0.00K	0.00K
BICKLEY	WARE CO.	GA	05/01/2003	16:55	EST	Thunderstorm Wind	55 kts. EG	0	0	0.00K	0.00K
MILLWOOD	WARE CO.	GA	05/02/2003	23:35	EST	Thunderstorm Wind	55 kts. EG	0	0	0.00K	0.00K
WAYCROSS	WARE CO.	GA	05/18/2003	14:15	EST	Thunderstorm Wind	55 kts. EG	0	0	0.00K	0.00K
MILLWOOD	WARE CO.	GA	07/07/2004	16:00	EST	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
WARESBORO	WARE CO.	GA	07/15/2004	16:32	EST	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
WAYCROSS	WARE CO.	GA	07/15/2004	16:35	EST	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
WAYCROSS	WARE CO.	GA	07/15/2004	16:40	EST	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
DIXIE UNION	WARE CO.	GA	07/15/2004	17:15	EST	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
MANOR	WARE CO.	GA	02/22/2005	18:20	EST	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
DIXIE UNION	WARE CO.	GA	03/22/2005	17:10	EST	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K

DIXIE UNION	WARE CO.	GA	03/22/2005	17:45	EST	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
WAYCROSS	WARE CO.	GA	01/02/2006	14:00	EST	Thunderstorm Wind	40 kts. EG	0	0	10.00K	0.00K
MANOR	WARE CO.	GA	04/22/2006	19:35	EST	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
MILLWOOD	WARE CO.	GA	05/08/2006	15:30	EST	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
MILLWOOD	WARE CO.	GA	05/10/2006	19:45	EST	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
MANOR	WARE CO.	GA	05/10/2006	20:15	EST	Thunderstorm Wind	55 kts. EG	0	0	0.00K	0.00K
MILLWOOD	WARE CO.	GA	05/10/2006	20:15	EST	Thunderstorm Wind	55 kts. EG	0	0	0.00K	0.00K
WAYCROSS	WARE CO.	GA	05/14/2006	20:45	EST	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
WAYCROSS	WARE CO.	GA	06/26/2006	15:30	EST	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
WAYCROSS	WARE CO.	GA	06/28/2006	15:30	EST	Thunderstorm Wind	45 kts. EG	0	0	2.00K	0.00K
DIXIE UNION	WARE CO.	GA	07/27/2006	16:48	EST	Thunderstorm Wind	55 kts. EG	0	0	250.00K	0.00K
DIXIE UNION	WARE CO.	GA	07/28/2006	17:20	EST	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
DIXIE UNION	WARE CO.	GA	07/28/2006	17:30	EST	Thunderstorm Wind	55 kts. EG	0	0	0.00K	0.00K
WAYCROSS	WARE CO.	GA	08/03/2006	16:00	EST	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
WAYCROSS	WARE CO.	GA	08/03/2006	16:00	EST	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
MANOR	WARE CO.	GA	07/01/2007	14:00	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
RUSKIN	WARE CO.	GA	07/01/2007	15:15	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
HEBARDVILLE	WARE CO.	GA	07/21/2007	19:20	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
HOPKINS	WARE CO.	GA	07/21/2007	21:30	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
WAYCROSS	WARE CO.	GA	08/11/2007	18:00	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
EIGHT MILE POST	WARE CO.	GA	08/11/2007	19:00	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
TALMO	WARE CO.	GA	08/23/2007	18:05	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
BEACH	WARE CO.	GA	02/26/2008	13:30	EST-5	Thunderstorm Wind	52 kts. EG	0	0	0.00K	0.00K
BRAGANZA	WARE CO.	GA	03/07/2008	09:40	EST-5	Thunderstorm Wind	52 kts. EG	0	0	0.00K	0.00K
(AYS)WARE CO ARPT WA	WARE CO.	GA	06/02/2008	23:29	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
MANOR	WARE CO.	GA	06/11/2008	16:00	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
MANOR	WARE CO.	GA	06/28/2008	15:43	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
FT MUDGE	WARE CO.	GA	08/07/2008	15:00	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
HASTY	WARE CO.	GA	12/11/2008	09:20	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
WAYCROSS	WARE CO.	GA	12/11/2008	09:50	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
WAYCROSS	WARE CO.	GA	07/17/2009	15:25	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
WAYCROSS	WARE CO.	GA	08/25/2009	14:05	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
WAYCROSS	WARE CO.	GA	08/25/2009	14:10	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
CRAWLEY	WARE CO.	GA	09/16/2009	18:45	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
BEACH	WARE CO.	GA	12/02/2009	14:25	EST-5	Thunderstorm Wind	52 kts. EG	0	0	0.00K	0.00K
BRAGANZA	WARE CO.	GA	06/15/2010	15:58	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
WEST WAYCROSS	WARE CO.	GA	06/15/2010	16:25	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
WARESBORO	WARE CO.	GA	04/05/2011	03:45	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
WAYCROSS	WARE CO.	GA	04/05/2011	04:05	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
DIXIE UNION	WARE CO.	GA	06/06/2011	17:15	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
(AYS)WARE CO ARPT WA	WARE CO.	GA	06/23/2011	16:45	EST-5	Thunderstorm Wind	45 kts. EG	0	0	3.00K	0.00K
EIGHT MILE POST	WARE CO.	GA	08/11/2011	18:23	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
WEST WAYCROSS	WARE CO.	GA	08/11/2011	18:25	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
WARESBORO	WARE CO.	GA	11/16/2011	20:35	EST-5	Thunderstorm Wind	61 kts. EG	0	0	10.00K	0.00K
WALTERTOWN	WARE CO.	GA	11/16/2011	20:45	EST-5	Thunderstorm Wind	50 kts. EG	0	0	3.00K	0.00K
(AYS)WARE CO ARPT WA	WARE CO.	GA	11/16/2011	20:45	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
WAYCROSS	WARE CO.	GA	11/16/2011	23:00	EST-5	Thunderstorm Wind	50 kts. EG	0	0	3.00K	0.00K
DIXIE UNION	WARE CO.	GA	02/24/2012	15:55	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
MILLWOOD	WARE CO.	GA	03/03/2012	12:45	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
WAYCROSS	WARE CO.	GA	03/03/2012	12:55	EST-5	Thunderstorm Wind	50 kts. EG	0	0	3.00K	0.00K
WAYCROSS	WARE CO.	GA	03/03/2012	13:00	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
MILLWOOD	WARE CO.	GA	03/03/2012	13:40	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
WAYCROSS	WARE CO.	GA	03/03/2012	14:20	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
WAYCROSS	WARE CO.	GA	05/17/2012	18:42	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
COLGANS	WARE CO.	GA	05/17/2012	18:42	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
HEBARDVILLE	WARE CO.	GA	07/01/2012	21:25	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
EMERSON PARK	WARE CO.	GA	07/29/2012	16:55	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K

WAYCROSS	WARE CO.	GA	07/29/2012	17:30	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
WAYCROSS	WARE CO.	GA	01/30/2013	21:13	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
(AYS)WARE CO ARPT WA	WARE CO.	GA	04/07/2014	14:55	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
WAYCROSS	WARE CO.	GA	06/10/2014	18:30	EST-5	Thunderstorm Wind	45 kts. EG	0	0	5.00K	0.00K
WAYCROSS	WARE CO.	GA	06/24/2014	16:35	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
WAYCROSS	WARE CO.	GA	10/14/2014	13:40	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
BICKLEY	WARE CO.	GA	10/14/2014	13:55	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
WAYCROSS	WARE CO.	GA	12/24/2014	12:49	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
WAYCROSS	WARE CO.	GA	05/19/2015	15:40	EST-5	Thunderstorm Wind	45 kts. EG	0	0	3.00K	0.00K
TALMO	WARE CO.	GA	05/26/2015	18:10	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
WEST WAYCROSS	WARE CO.	GA	06/01/2015	16:44	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
WAYCROSS	WARE CO.	GA	06/12/2015	16:15	EST-5	Thunderstorm Wind	55 kts. MG	0	0	0.00K	0.00K
DIXIE UNION	WARE CO.	GA	06/12/2015	16:15	EST-5	Thunderstorm Wind	55 kts. EG	0	0	0.00K	0.00K
DEENWOOD	WARE CO.	GA	06/12/2015	16:15	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
WAYCROSS	WARE CO.	GA	08/23/2015	14:45	EST-5	Thunderstorm Wind	45 kts. EG	0	0	2.00K	0.00K
DIXIE UNION	WARE CO.	GA	04/01/2016	16:35	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
WAYCROSS	WARE CO.	GA	04/01/2016	17:06	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
FAIRFAX	WARE CO.	GA	05/19/2016	15:30	EST-5	Thunderstorm Wind	45 kts. EG	0	0	0.50K	0.00K
EMERSON PARK	WARE CO.	GA	06/17/2016	19:59	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
EMERSON PARK	WARE CO.	GA	06/17/2016	20:00	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
WAYCROSS	WARE CO.	GA	06/17/2016	20:00	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
WAYCROSS	WARE CO.	GA	07/16/2016	17:14	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
BRAGANZA	WARE CO.	GA	07/16/2016	17:14	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
BRAGANZA	WARE CO.	GA	07/31/2016	20:00	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.00K	0.00K
HEBARDVILLE	WARE CO.	GA	08/01/2016	15:18	EST-5	Thunderstorm Wind	45 kts. EG	0	0	1.00K	0.00K
Totals:								0	1	2.747M	0.00K



Storm Events Database

Search Results for Ware County, Georgia

Event Types: **Flash Flood**, **Flood**, **Heavy Rain**

Ware county contains the following zones:

'Ware'

19 events were reported between 01/01/1950 and 12/31/2016 (24472 days)

Summary Info:

Number of County/Zone areas affected:	2
Number of Days with Event:	17
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:	4
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: Date/Time (Oldest) ▼

Location	County/Zone	St.	Date	Time	T.Z.	Type	Mag	Dth	Inj	PrD	CrD
Totals:								0	0	140.00K	0.00K
WARE (ZONE)	WARE (ZONE)	GA	03/01/1998	00:01	EST	Flood		0	0	100.00K	0.00K
WAYCROSS	WARE CO.	GA	09/03/1998	04:30	EST	Flash Flood		0	0	10.00K	0.00K
COUNTYWIDE	WARE CO.	GA	09/29/1998	23:00	EST	Flash Flood		0	0	20.00K	0.00K
SOUTH PORTION	WARE CO.	GA	10/04/1998	16:00	EST	Flash Flood		0	0	10.00K	0.00K
COUNTYWIDE	WARE CO.	GA	06/12/2001	02:05	EST	Flash Flood		0	0	0.00K	0.00K
NORTH PORTION	WARE CO.	GA	03/07/2003	10:15	EST	Flash Flood		0	0	0.00K	0.00K
WAYCROSS	WARE CO.	GA	06/29/2005	08:30	EST	Heavy Rain		0	0	0.00K	0.00K
WAYCROSS	WARE CO.	GA	02/02/2006	17:00	EST	Heavy Rain		0	0	0.00K	0.00K
WAYCROSS	WARE CO.	GA	07/21/2007	19:00	EST-5	Heavy Rain		0	0	0.00K	0.00K
WAYCROSS	WARE CO.	GA	02/22/2008	10:00	EST-5	Heavy Rain		0	0	0.00K	0.00K
WALTERTOWN	WARE CO.	GA	04/01/2009	16:00	EST-5	Flood		0	0	0.00K	0.00K
WAYCROSS	WARE CO.	GA	04/02/2009	00:00	EST-5	Flood		0	0	0.00K	0.00K
MILLWOOD	WARE CO.	GA	04/02/2009	00:01	EST-5	Flood		0	0	0.00K	0.00K
DIXIE UNION	WARE CO.	GA	09/16/2009	14:45	EST-5	Heavy Rain		0	0	0.00K	0.00K
MANOR	WARE CO.	GA	10/10/2011	07:00	EST-5	Heavy Rain		0	0	0.00K	0.00K
MANOR	WARE CO.	GA	10/10/2011	17:30	EST-5	Heavy Rain		0	0	0.00K	0.00K
WAYCROSS	WARE CO.	GA	06/04/2013	18:57	EST-5	Heavy Rain		0	0	0.00K	0.00K
WAYCROSS	WARE CO.	GA	04/07/2014	11:00	EST-5	Heavy Rain		0	0	0.00K	0.00K
WAYCROSS	WARE CO.	GA	07/31/2015	18:15	EST-5	Flood		0	0	0.00K	0.00K
Totals:								0	0	140.00K	0.00K



Storm Events Database

Search Results for Ware County, Georgia

Event Types: [Excessive Heat](#), [Heat](#)

Ware county contains the following zones:

'Ware'

0 events were reported between 12/01/1950 and 12/31/2016 (24138 days)

Summary Info:

Number of County/Zone areas affected:	0
Number of Days with Event:	0
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:	0

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:

Location	County/Zone	St.	Date	Time	I.Z.	Type	Mag	Dth	Inj	PrD	CrD
Totals:								0	0	0.00K	0.00K



Storm Events Database

Search Results for Ware County, Georgia

Event Types: **Tornado**

14 events were reported between 01/01/1950 and 12/31/2016 (24472 days)

Summary Info:

Number of County/Zone areas affected:	1
Number of Days with Event:	13
Number of Days with Event and Death:	0
Number of Days with Event and Death or Injury:	4
Number of Days with Event and Property Damage:	10
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
Totals:								0	18	3.606M	0.00K
WARE CO.	WARE CO.	GA	04/05/1957	10:00	CST	Tornado	F1	0	1	2.50K	0.00K
WARE CO.	WARE CO.	GA	02/28/1966	08:00	CST	Tornado	F0	0	1	25.00K	0.00K
WARE CO.	WARE CO.	GA	03/12/1968	15:44	CST	Tornado	F0	0	0	0.00K	0.00K
WARE CO.	WARE CO.	GA	11/18/1968	13:20	CST	Tornado	F3	0	0	25.00K	0.00K
WARE CO.	WARE CO.	GA	02/25/1970	16:10	CST	Tornado	F2	0	2	250.00K	0.00K
WARE CO.	WARE CO.	GA	02/07/1971	11:30	CST	Tornado	F1	0	0	25.00K	0.00K
WARE CO.	WARE CO.	GA	02/10/1986	22:05	EST	Tornado	F1	0	2	250.00K	0.00K
WARE CO.	WARE CO.	GA	02/10/1986	22:10	EST	Tornado	F1	0	12	2.500M	0.00K
WARE CO.	WARE CO.	GA	05/01/1989	17:00	CST	Tornado	F1	0	0	250.00K	0.00K
WARE CO.	WARE CO.	GA	09/25/1991	17:55	EST	Tornado	F0	0	0	250.00K	0.00K
DIXIE UNION	WARE CO.	GA	01/05/2007	17:10	EST-5	Tornado	F0	0	0	20.00K	0.00K
WARESBORO	WARE CO.	GA	09/21/2007	03:45	EST-5	Tornado	EF0	0	0	0.00K	0.00K
(AYS)WARE CO ARPT WA	WARE CO.	GA	11/16/2011	20:40	EST-5	Tornado	EF1	0	0	8.00K	0.00K
MILLWOOD	WARE CO.	GA	04/01/2016	16:35	EST-5	Tornado	EF1	0	0	0.00K	0.00K
Totals:								0	18	3.606M	0.00K



Storm Events Database

Search Results for Ware County, Georgia

Event Types: **Hail**

47 events were reported between 01/01/1950 and 12/31/2016 (24472 days)

Summary Info:

Number of County/Zone areas affected:	1
Number of Days with Event:	40
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:	1
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
Totals:								0	0	0.00K	0.50K
WARE CO.	WARE CO.	GA	04/30/1971	15:11	CST	Hail	2.75 in.	0	0	0.00K	0.00K
WARE CO.	WARE CO.	GA	06/13/1974	19:00	CST	Hail	0.75 in.	0	0	0.00K	0.00K
WARE CO.	WARE CO.	GA	07/05/1975	16:30	CST	Hail	0.75 in.	0	0	0.00K	0.00K
WARE CO.	WARE CO.	GA	06/19/1985	18:00	CST	Hail	1.00 in.	0	0	0.00K	0.00K
Waresboro	WARE CO.	GA	10/02/1994	17:30	EST	Hail	0.75 in.	0	0	0.00K	0.50K
WAYCROSS	WARE CO.	GA	10/26/1997	17:30	EST	Hail	1.75 in.	0	0	0.00K	0.00K
EMERSON PARK	WARE CO.	GA	04/08/1998	14:00	EST	Hail	0.75 in.	0	0	0.00K	0.00K
WAYCROSS	WARE CO.	GA	05/03/1998	18:19	EST	Hail	0.88 in.	0	0	0.00K	0.00K
DIXIE UNION	WARE CO.	GA	05/04/1998	12:40	EST	Hail	0.75 in.	0	0	0.00K	0.00K
WAYCROSS	WARE CO.	GA	06/25/1998	15:05	EST	Hail	1.00 in.	0	0	0.00K	0.00K
WAYCROSS	WARE CO.	GA	03/27/2000	16:20	EST	Hail	0.75 in.	0	0	0.00K	0.00K
WAYCROSS	WARE CO.	GA	03/27/2000	18:35	EST	Hail	1.75 in.	0	0	0.00K	0.00K
WAYCROSS	WARE CO.	GA	06/14/2000	16:45	EST	Hail	0.75 in.	0	0	0.00K	0.00K
WAYCROSS	WARE CO.	GA	06/17/2000	18:30	EST	Hail	0.75 in.	0	0	0.00K	0.00K
EMERSON PARK	WARE CO.	GA	06/22/2000	17:25	EST	Hail	0.75 in.	0	0	0.00K	0.00K
WAHOMA	WARE CO.	GA	05/27/2001	17:10	EST	Hail	0.75 in.	0	0	0.00K	0.00K
BICKLEY	WARE CO.	GA	08/10/2001	14:48	EST	Hail	0.75 in.	0	0	0.00K	0.00K
WAYCROSS	WARE CO.	GA	05/10/2002	18:45	EST	Hail	2.50 in.	0	0	0.00K	0.00K
FT MUDGE	WARE CO.	GA	05/10/2002	19:00	EST	Hail	2.50 in.	0	0	0.00K	0.00K
DIXIE UNION	WARE CO.	GA	10/21/2002	15:55	EST	Hail	0.75 in.	0	0	0.00K	0.00K
WAYCROSS	WARE CO.	GA	03/13/2003	10:39	EST	Hail	0.88 in.	0	0	0.00K	0.00K
WAYCROSS	WARE CO.	GA	04/08/2004	14:25	EST	Hail	1.25 in.	0	0	0.00K	0.00K
BICKLEY	WARE CO.	GA	07/15/2004	13:45	EST	Hail	0.88 in.	0	0	0.00K	0.00K
WARESBORO	WARE CO.	GA	07/15/2004	16:30	EST	Hail	0.88 in.	0	0	0.00K	0.00K
MANOR	WARE CO.	GA	02/22/2005	18:05	EST	Hail	0.75 in.	0	0	0.00K	0.00K
MILLWOOD	WARE CO.	GA	03/25/2005	06:00	EST	Hail	1.00 in.	0	0	0.00K	0.00K
MILLWOOD	WARE CO.	GA	03/25/2005	06:00	EST	Hail	1.00 in.	0	0	0.00K	0.00K
MILLWOOD	WARE CO.	GA	03/25/2005	08:44	EST	Hail	1.00 in.	0	0	0.00K	0.00K
WAYCROSS	WARE CO.	GA	04/22/2006	19:00	EST	Hail	1.50 in.	0	0	0.00K	0.00K
MANOR	WARE CO.	GA	04/22/2006	19:35	EST	Hail	0.88 in.	0	0	0.00K	0.00K

MILLWOOD	WARE CO.	GA	05/14/2006	20:30	EST	Hail	0.88 in.	0	0	0.00K	0.00K
WAYCROSS	WARE CO.	GA	05/15/2006	10:50	EST	Hail	0.75 in.	0	0	0.00K	0.00K
DIXIE UNION	WARE CO.	GA	01/05/2007	17:03	EST-5	Hail	0.75 in.	0	0	0.00K	0.00K
HOPKINS	WARE CO.	GA	02/26/2008	12:12	EST-5	Hail	0.75 in.	0	0	0.00K	0.00K
MANOR	WARE CO.	GA	05/21/2008	21:15	EST-5	Hail	0.75 in.	0	0	0.00K	0.00K
WALTERTOWN	WARE CO.	GA	06/02/2008	17:05	EST-5	Hail	1.00 in.	0	0	0.00K	0.00K
DIXIE UNION	WARE CO.	GA	06/02/2008	23:18	EST-5	Hail	0.75 in.	0	0	0.00K	0.00K
WAYCROSS	WARE CO.	GA	06/28/2008	15:19	EST-5	Hail	0.88 in.	0	0	0.00K	0.00K
MILLWOOD	WARE CO.	GA	10/09/2008	11:20	EST-5	Hail	0.88 in.	0	0	0.00K	0.00K
WAYCROSS	WARE CO.	GA	06/22/2009	17:20	EST-5	Hail	0.75 in.	0	0	0.00K	0.00K
DIXIE UNION	WARE CO.	GA	08/14/2009	16:34	EST-5	Hail	1.75 in.	0	0	0.00K	0.00K
TALMO	WARE CO.	GA	12/02/2009	14:40	EST-5	Hail	0.75 in.	0	0	0.00K	0.00K
BICKLEY	WARE CO.	GA	05/21/2010	16:15	EST-5	Hail	1.00 in.	0	0	0.00K	0.00K
BRAGANZA	WARE CO.	GA	06/15/2010	15:58	EST-5	Hail	0.75 in.	0	0	0.00K	0.00K
MANOR	WARE CO.	GA	04/29/2013	13:10	EST-5	Hail	0.75 in.	0	0	0.00K	0.00K
WAYCROSS	WARE CO.	GA	06/10/2014	18:38	EST-5	Hail	0.75 in.	0	0	0.00K	0.00K
WAYCROSS	WARE CO.	GA	05/19/2015	15:29	EST-5	Hail	1.00 in.	0	0	0.00K	0.00K
Totals:								0	0	0.00K	0.50K



Storm Events Database

Search Results for Ware County, Georgia

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

Ware county contains the following zones:

'Ware'

4 events were reported between 01/01/1950 and 12/31/2016 (24472 days)

Summary Info:

Number of County/Zone areas affected:	1
Number of Days with Event:	4
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: Date/Time (Oldest) ▼

Location	County/Zone	St.	Date	Time	T.Z.	Type	Mag	Dth	Inj	PrD	CrD
Totals:								0	0	0.00K	0.00K
WARE (ZONE)	WARE (ZONE)	GA	09/05/2004	00:01	EST	Tropical Storm		0	0	0.00K	0.00K
WARE (ZONE)	WARE (ZONE)	GA	09/25/2004	12:00	EST	Tropical Storm		0	0	0.00K	0.00K
WARE (ZONE)	WARE (ZONE)	GA	09/01/2016	07:00	EST-5	Tropical Storm		0	0	0.00K	0.00K
WARE (ZONE)	WARE (ZONE)	GA	10/06/2016	07:00	EST-5	Tropical Storm		0	0	0.00K	0.00K
Totals:								0	0	0.00K	0.00K



Storm Events Database

Search Results for Ware County, Georgia

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

Ware county contains the following zones:

'Ware'

3 events were reported between 01/01/1950 and 12/31/2016 (24472 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>
Totals:								0	0	0.00K	0.00K
WARE (ZONE)	WARE (ZONE)	GA	04/07/2007	21:00	EST-5	Frost/freeze		0	0	0.00K	0.00K
WARE (ZONE)	WARE (ZONE)	GA	02/12/2010	18:55	EST-5	Winter Storm		0	0	0.00K	0.00K
WARE (ZONE)	WARE (ZONE)	GA	01/29/2014	10:00	EST-5	Sleet		0	0	0.00K	0.00K
Totals:								0	0	0.00K	0.00K

**Ware County and City of Waycross
Critical Facilities List 05/23/2017**

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Occupancy	Building Value	Contents Value
10514	Carolina Skiff	Ware County	3231 Fulford Road	Waycross	GA	31503	Law Enforcement, Court House	Economic Assets, Special Consideration	Heavy Industrial	12480000.00	
12360	Clayton Homes	Ware County	Industrial Park	Waycross	GA	31503	Government, Water/Sewer	Important, Economic Assets, Special Consideration	Heavy Industrial	7500000.00	
22336	Exchange Club/Okefenokee Fairgrounds	Ware County	2451 Knight Avenue	Waycross	GA	31503	Government, Water/Sewer	Economic Assets	Entertainment & Recreation	429048.00	
10516	FAA Vortac Facility	Ware County	6100 Albany Highway (US #82)	Waycross	GA	31501	Law Enforcement, Court House	Essential, Transportation	Government - Emergency Response	480000.00	10000000.00
10534	GA DOC RYDC	Ware County	3275 Harris Road	Waycross	GA	31503	Law Enforcement, State Patrol	Essential, Vulnerable Population, Special Consideration	Institutional Dormitories	4500000.00	
10535	GA DOE Okefenokee RESA	Ware County	1450 North Augusta Avenue	Waycross	GA	31501	Law Enforcement, State Patrol	Important, Vulnerable Population	Grade Schools and Admin. Offices	2400000.00	
10538	GA DOT Maintenance Department	Ware County	3321 Albany Avenue	Waycross	GA	31501	Law Enforcement, State Patrol	Transportation, Important	Government - General Services	75000.00	
10541	GA Forestry Commission Hangar	Ware County	2891 Forest Road	Waycross	GA	31501	Emergency Services, Fire Fighters	Essential	Government - Emergency Response	450000.00	
10540	GA Forestry Commission	Ware County	2999 Forest Road	Waycross	GA	31501	Emergency Services, Fire Fighters	Essential	Government - Emergency Response	300000.00	
10542	GA Forestry District Forester	Ware County	5006 Jacksonville Hwy.	Waycross	GA	31501	Emergency Services, Fire Fighters	Essential	Government - Emergency Response	37500000.00	
10543	GA Forestry Dixon Mem. Forest	Ware County	4893 Jacksonville Hwy	Waycross	GA	31501	Emergency Services, Fire Fighters	Essential	Government - Emergency Response	900000.00	

Ware County and City of Waycross
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Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Occupancy	Building Value	Contents Value
28020	GA State Highway Patrol	Ware County	3029 Memorial Drive	Waycross	GA	31503	Law Enforcement, Law Enforcement, State Patrol, State Patrol	Essential	Government - Emergency Response	510527.00	
21986	Georgia Biomass	Ware County	3131 Brown Drive	Waycross	GA	31503	Law Enforcement, State Patrol	Hazardous Materials, Economic Assets	Heavy Industrial	200000000.00	
3684	Industrial Park Water Tower	Ware County	Harris Rd	Waycross	GA	31501	Government, Water/Sewer	Essential, Lifeline	Government - Emergency Response	750000.00	
10527	Laura Walker SP	Ware County	5653 Laura Walker Road	Waycross	GA	31503	Education, Library	Essential, Vulnerable Population	Temporary Lodging	20000000.00	
10625	Lewis and Raulerson Fuel	Ware County	1759 State Street	Waycross	GA	31503	Government, Water/Sewer	Transportation, Lifeline, Hazardous Materials	Light Industrial	983100.00	
10633	Lion's Camp for the Blind	Ware County	5626 Laura Walker Road	Waycross	GA	31503	Government, Water/Sewer	Important, Vulnerable Population	Temporary Lodging	1050000.00	
10722	Manor Community Center	Ware County	4650 Manor Millwood Road	Waycross	GA	31550	Government, Government Offices, Government Offices	Historic Consideration, Important, Vulnerable Population	Government - General Services	5033381.00	
3682	Manor Water Association	Ware County	5298 Leo Barber Rd	Waycross	GA	31550	Government, Water/Sewer	Essential, Lifeline	Government - Emergency Response	150000.00	
21989	Monroe Communications/Cel Tower	Ware County	570 Pafford Road	Waycross	GA	31502	NGO, NGO, Communications, Communications	Essential	Professional/Technical Services	435029.00	
21988	Ocean Breeze	Ware County	2001 Ocean Breeze Circle	Waycross	GA	31503	Law Enforcement, State Patrol	Vulnerable Population	20 to 49 units	4063065.00	

**Ware County and City of Waycross
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Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Occupancy	Building Value	Contents Value
10655	Republic Waste Systems	Ware County	3473 Harris Road	Waycross	GA	31503	NGO, NGO, Landfill, Landfill	Hazardous Materials, Important	Metals/Minerals Processing	669280.00	
10648	Satilla Little Angels Daycare	Ware County	2913 Albany Avenue. Ext	Waycross	GA	31503	Education, Private	Important, Vulnerable Population	Professional/Technical Services	16500000.00	
12372	Satilla RWSA	Ware County	1285 Nevada Avenue	Waycross	GA	31502	Government, Water/Sewer	Essential, Lifeline	Government - Emergency Response	144000.00	97973.00
12373	Satilla RWSA	Ware County	2380 Swamp Road	Waycross	GA	31503	Government, Water/Sewer		Government - Emergency Response	76800.00	
12374	Scotbilt Homes	Ware County	Industrial Park	Waycross	GA	31503	Government, Water/Sewer	Important, Economic Assets, Special Consideration	Heavy Industrial	15000000.00	
10652	Second Baptist Child Care Center	Ware County	301 Tomberlin Road	Waycross	GA	31503	Government, Water/Sewer	Important, Vulnerable Population	Churches and Non-Profit Organizations	900000.00	
14440	Sherrod Vans	Ware County	Industrial Boulevard	Waycross	GA	31503	Government, Water/Sewer	Economic Assets, Special Consideration	Heavy Industrial	13500000.00	
12375	Simmons Bedding	Ware County	3450 Simons Drive	Waycross	GA	31503	Government, Water/Sewer	Important, Economic Assets, Special Consideration	Heavy Industrial	64500000.00	
16338	South Georgia State College - PE Storage	Ware County	2001 South Georgia Parkway	Waycross	GA	31503	Education, Education, Jr Colleges, Jr Colleges		Colleges and Universities	66348.00	
22338	Southside Christian School	Ware County	3439 Knight Avenue	Waycross	GA	31503	Education, Private	Vulnerable Population	Churches and Non-Profit Organizations	6982212.00	

**Ware County and City of Waycross
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Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Occupancy	Building Value	Contents Value
22333	Trembling Earth Recreation Center	Ware County	2100 Cecil Brown Drive	Waycross	GA	31503	Government, Government, Government Offices, Government Offices	Vulnerable Population	Entertainment & Recreation	3455917.00	
12379	USPO Waresboro	Ware County	4308 Albany Avenue	Waycross	GA	31564	Government, Water/Sewer	Important	Government - General Services	360000.00	
12377	USPO-MANOR/Moore's Country Store	Ware County	6264 Valdosta Highway	Waycross	GA	31550	Government, Government, Communications, Communications	Important	Government - General Services	89034.00	
10688	Voith Fabrics	Ware County	2500 Scapa Road	Waycross	GA	31503	Government, Government, Water/Sewer, Water/Sewer	Economic Assets, Special Consideration	Heavy Industrial	44900400.00	
22001	Ware BOE Transportation Facility	Ware County	3101 State Street	Waycross	GA	31503	Education, Education, Transportation, Transportation	Transportation, Vulnerable Population	Government - General Services	668739.00	110927.00
1951	Ware County BOE Middle School	Ware County	2301 Cherokee Street	Waycross	GA	31503	Education, K - 12	Essential, Vulnerable Population	Government - Emergency Response	16008332.00	2380805.00
10712	Ware County BOE Ruskin Elementary	Ware County	3550 Valdosta Highway	Waycross	GA	31501	Law Enforcement, Court House	Essential, Vulnerable Population	Government - Emergency Response	7208740.00	1662148.00
10714	Ware County BOE Wacona Elementary	Ware County	3101 State Street	Waycross	GA	31503	Law Enforcement, Court House	Essential, Vulnerable Population	Grade Schools and Admin. Offices	8585222.00	1043418.00
10726	Ware County BOE Waresboro Elementary	Ware County	3379 West Church Street	Newnan	GA	31564	Emergency Services, Fire Fighters	Essential, Vulnerable Population	Government - Emergency Response	6406406.00	871302.00
10733	Ware County Development Center	Ware County	3201 Harris Road	Waycross	GA	31503	Law Enforcement, Police	Important, Vulnerable Population	Government - General Services	1500000.00	

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Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Occupancy	Building Value	Contents Value
10798	Ware County FD #1 Industrial Park	Ware County	3411 Harris Road	Waycross	GA	31503	Emergency Services, Fire Fighters	Essential	Government - Emergency Response	6000000.00	50000.00
10736	Ware County FD #10 Bickley	Ware County	6160 Bickley Highway	Nicholls	GA	31554	Emergency Services, Fire Fighters	Essential	Government - Emergency Response	600000.00	
12383	Ware County FD #2 Manor	Ware County	4625 Manor Millwood Road South	Waycross	GA	31550	Emergency Services, Fire Fighters	Essential	Government - Emergency Response	612000.00	
10754	Ware County FD #3 Southeast	Ware County	250 Vickers Road	Waycross	GA	31501	Emergency Services, Fire Fighters	Essential	Government - Emergency Response	632100.00	
10745	Ware County FD #4 Emerson Park	Ware County	2510 Alabama Avenue	Waycross	GA	31503	Emergency Services, Fire Fighters	Essential	Government - Emergency Response	319200.00	
10743	Ware County FD #5 Boggy Bay	Ware County	2800 South Lakeview Drive	Waycross	GA	31501	Emergency Services, Fire Fighters	Essential	Government - Emergency Response	558000.00	
10744	Ware County FD #6 Dixie Union	Ware County	6586 Alma Highway	Waycross	GA	31503	Emergency Services, Fire Fighters	Essential	Government - Emergency Response	697800.00	
10750	Ware County FD #7 Millwood	Ware County	8069 Sawmill Road	Waycross	GA	31552	Emergency Services, Fire Fighters	Essential	Government - Emergency Response	460800.00	
10752	Ware County FD #8 Pebble Hill	Ware County	3199 Pebble Hill Road	Waycross	GA	31503	Emergency Services, Fire Fighters	Essential	Government - Emergency Response	480000.00	
10756	Ware County FD #9 Waresboro	Ware County	3280 West Church Street	Newnan	GA	31564	Emergency Services, Fire Fighters	Essential	Government - Emergency Response	480000.00	
22339	Ware County Fire Station #11	Ware County	4420 Stanley McDonald Road	Waycross	GA	31550	Emergency Services, Fire Fighters	Essential, Lifeline, Important	Government - Emergency Response	353515.00	

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Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Occupancy	Building Value	Contents Value
10757	Ware County Jail	Ware County	3489 Harris Road	Waycross	GA	31503	Law Enforcement, Jails	Essential, Vulnerable Population, Special Consideration	Government - Emergency Response	15253800.00	470121.00
3709	Ware County Learning Center	Ware County	950 New Mexico Ave.	Waycross	GA	31503	Education, Education, K - 12, K - 12	Important, Vulnerable Population	Government - General Services	2563643.00	405605.00
22335	Ware County Public Safety Admin Building	Ware County	3395 Harris Road	Washington	GA	31503	Government, Water/Sewer	Important	Government - General Services	1001214.00	
14441	Ware County Sheriff's Office	Ware County	3487 Harris Road	Waycross	GA	31503	Law Enforcement, Sheriff	Essential, Vulnerable Population, Special Consideration	Government - Emergency Response	3050100.00	94004.00
3683	Ware County Water System-East-Satilla RWSA	Ware County	405 E. Ware St	Waycross	GA	31501	Government, Water/Sewer	Essential, Lifeline	Government - Emergency Response	120000.00	91418.00
3681	Ware County Water System-Satilla RWSA	Ware County	4075 Albany Ave	Waycross	GA	31501	Government, Water/Sewer	Essential, Lifeline	Government - Emergency Response	132600.00	85896.00
3685	Ware County Water System-Satilla RWSA	Ware County	3955 Driggers Rd	Waycross	GA	31501	Government, Water/Sewer	Essential, Lifeline	Government - Emergency Response	144000.00	97973.00
3618	Ware State Prison	Ware County	3620 N Harris Rd	Waycross	GA	31501	Law Enforcement, State Patrol	Essential, Vulnerable Population, Special Consideration	Institutional Dormitories	101334300.00	
12391	Waycross Industrial Park Water Line System	Ware County	3375 Industrial Park	Waycross	GA	31503	Government, Water/Sewer	Essential, Lifeline	Government - Emergency Response	4000000.00	
3680	Waycross Water System-Fulford	Ware County	Fuford Rd	Waycross	GA	31501	Government, Water/Sewer	Essential, Lifeline	Government - Emergency Response	750000.00	

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Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Occupancy	Building Value	Contents Value
12390	Waycross-Ware County 911 Facility	Ware County	3395 Harris Road	Waycross	GA	31503	Emergency Services, Fire Fighters	Essential	Government - Emergency Response	2707500.00	248400.00
10797	Waycross-Ware County Airport	Ware County	3098 Keen Drive	Waycross	GA	31503	NGO, Transportation	Essential, Transportation, Historic Consideration	Government - General Services	1296000.00	36692.00
10510	Airco Welding Products	Waycross city	901 Hamilton Avenue	Waycross	GA	31501	Law Enforcement, Court House	Lifeline, Hazardous Materials, Important	Light Industrial	529500.00	
12361	Atlantic Coast Federal	Waycross city	501 Haines Avenue	Waycross	GA	31501	Government, Water/Sewer	Important	Banks	2650500.00	
10513	Baptist Village	Waycross city	2650 Carswell Avenue	Waycross	GA	31501	Law Enforcement, Court House	Important, Vulnerable Population, Special Consideration	Nursing Homes	25000000.00	
28026	Central Baptist Church	Waycross city	201 Ave Street	Waycross	GA	31501	NGO, Private	Vulnerable Population	> 50 units	5518702.00	
28029	Children First daycare	Waycross city	410 Williams St.	Waycross	GA	31501	NGO, Day Care	Vulnerable Population	> 50 units	29511.00	
10517	Circle K Corporate HQ	Waycross city	215 Pendleton Street	Waycross	GA	31501	Law Enforcement, Law Enforcement, Court House, Court House	Economic Assets, Important, Special Consideration	Retail Trade	9000000.00	
3707	Coastal Pines Conference Center	Waycross city	1701 Carswell Avenue	Waycross	GA	31503	Education, Education, VoTech, VoTech	Important, Vulnerable Population	Colleges and Universities	1500000.00	
10471	Coastal Pines Technical College	Waycross city	1701 Carswell Avenue	Waycross	GA	31503	Education, Education, VoTech, VoTech	Important, Vulnerable Population	Colleges and Universities	7100700.00	
28024	Community United Federal Credit Union	Waycross city	1504 Tebeau St.	Waycross	GA	31501	NGO, Private	Economic Assets, Important	> 50 units	280637.00	

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Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Occupancy	Building Value	Contents Value
10515	Concerted Services Child Care	Waycross city	1235 McDonald Street	Waycross	GA	31501	Law Enforcement, Court House	Important, Vulnerable Population	Grade Schools and Admin. Offices	13500000.00	
22132	Concerted Services Hazzard Hill Head Start	Waycross city	1403 Pendergast Street	Waycross	GA	31501	Government, Water/Sewer	Vulnerable Population	Grade Schools and Admin. Offices	750000.00	20000.00
21990	CSX Rice Yard	Waycross city	Nicholls Street	Waycross	GA	31501	Law Enforcement, State Patrol	Transportation, High Potential Loss, Hazardous Materials	Food/Drugs/Chemicals	110716617.00	
10523	Division of Family & Children Services	Waycross city	1200 Plant Ave	Waycross	GA	31501	Government, Government, Government Offices, Government Offices	Essential, Vulnerable Population	Government - General Services	1049855.00	
10519	First Baptist Church	Waycross city	702 Elizabeth Street	Waycross	GA	31501	Education, Library	Essential, Vulnerable Population	Government - Emergency Response	12360000.00	
28028	Fuel South Inc.	Waycross city	3020 Harris Rd	Waycross	GA	31503	NGO, Private	Economic Assets, Hazardous Materials	> 50 units	1187064.00	
10521	GA Concerted Service	Waycross city	2100 Riverside Drive	Waycross	GA	31501	Education, Library	Essential, Lifeline, Vulnerable Population	Government - Emergency Response	5280000.00	
12362	GA DCA	Waycross city	960 A City Blvd	Waycross	GA	31501	Government, Water/Sewer	Important	Government - General Services	540000.00	
10524	GA DNR Fisheries	Waycross city	108 Darling Avenue	Waycross	GA	31501	Education, Library	Essential, Vulnerable Population	Temporary Lodging	435000.00	
10532	GA DOC Probation Office	Waycross city	306 Albany Avenue	Waycross	GA	31501	Law Enforcement, State Patrol	Essential, Special Consideration	Government - Emergency Response	1980000.00	

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Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Occupancy	Building Value	Contents Value
10536	GA DOE Okef. RESA Harrell Psy	Waycross city	1310 Bailey Street	Waycross	GA	31501	Law Enforcement, State Patrol	Important, Vulnerable Population	Grade Schools and Admin. Offices	14400000.00	
10539	GA DOS Motorvehicle Safety Dept.	Waycross city	3029 Memorial Drive	Waycross	GA	31501	Law Enforcement, State Patrol	Essential	Government - Emergency Response	1440000.00	
10537	GA DOT Area Engineering	Waycross city	104 North Nicholls Street	Waycross	GA	31501	Law Enforcement, State Patrol	Transportation, Important	Government - General Services	2269200.00	
10544	GA Legal Services	Waycross city	1057 Grove Avenue	Waycross	GA	31501	Emergency Services, Fire Fighters	Important	Government - General Services	3112500.00	
28023	GATX Headquarters	Waycross city	2610 Industrial Blvd	Waycross	GA	31503	NGO, Transportation		> 50 units	20910.00	
10609	Gibson Animal Clinic	Waycross city	108 Riverside Drive	Waycross	GA	31501	Government, Water/Sewer	Essential	Medical Office and Clinic	720000.00	
10619	Harvey's Supermarket-Tebeau	Waycross city	510 Tebeau Street	Waycross	GA	31501	Government, Water/Sewer	Important	Retail Trade	5364000.00	
10616	Harvey's Supermarket-Plant Ave.	Waycross city	1314 Plant Avenue	Waycross	GA	31501	Government, Water/Sewer	Important	Retail Trade	10422600.00	
28021	Hasty's Communications	Waycross city	2500 Memorial Drive	Waycross	GA	31503	NGO, Communications		> 50 units	152909.00	
10622	Holox/Linde Gas LLC	Waycross city	103 Lee Avenue	Waycross	GA	31501	Government, Water/Sewer	Lifeline, Hazardous Materials, Important	Light Industrial	1848300.00	
10624	Kroger Supermarket	Waycross city	1604 Memorial Drive	Waycross	GA	31501	Government, Water/Sewer	Important	Retail Trade	17277300.00	
28022	Live Oak Homes	Waycross city	2875 Fulford Road	Waycross	GA	31503	NGO, Private	Economic Assets, Vulnerable Population	Manufactured Housing	1966560.00	

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Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Occupancy	Building Value	Contents Value
3662	Mayo Clinic Health Systems	Waycross city	410 Darling Avenue	Waycross	GA	31501	Medical, EMS	Essential, Vulnerable Population, Special Consideration	Hospital	125700000.00	42766783.00
10481	Mayo Clinic Health Systems	Waycross city	410 Darling Avenue	Waycross	GA	31501	Emergency Services, EMS	Essential, Lifeline, Important, Vulnerable Population	Hospital	1.00	
28025	Primesouth Bank	Waycross city	530 Memorial Drive	Waycross	GA	31501	NGO, Private		> 50 units	1952593.00	
22334	Public Health Lab	Waycross city	1751 Guss Karl Parkway	Washington	GA	31503	Government, Water/Sewer	Important	Government - General Services	2423719.00	
10642	Rochelle's Daycare Center	Waycross city	2351 Riverside Drive	Waycross	GA	31501	Education, Private	Important, Vulnerable Population	Professional/Technical Services	1650000.00	
12371	Saint James Day Care Center	Waycross city	805 Summit Street	Waycross	GA	31501	Emergency Services, Fire Fighters	Important, Vulnerable Population	Churches and Non-Profit Organizations	1226400.00	
10646	Salvation Army HQ Emergency Shelter	Waycross city	977 Tebeau Street	Waycross	GA	31501	Education, Private	Essential, Vulnerable Population	Temporary Lodging	840000.00	
21985	Satilla Animal Hospital	Waycross city	511 City Boulevard	Waycross	GA	31502	Law Enforcement, State Patrol	Essential	Medical Office and Clinic	345897.00	
10647	Satilla Care Center	Waycross city	1600 Riverside Avenue	Waycross	GA	31501	Education, Private	Important, Vulnerable Population	Nursing Homes	11463000.00	1092727.00
10649	Satilla Regional Hospital Hospice	Waycross city	1921 Alice Street #A-1	Waycross	GA	31501	Medical, EMS	Important, Vulnerable Population	Nursing Homes	1500000.00	
10650	Satilla Regional Outpatient Therapy	Waycross city	1800 Alice Street	Waycross	GA	31501	Medical, EMS	Important	Hospital	4800000.00	

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16335	South GA State College Administration Building	Waycross city	2001 South Georgia Parkway	Waycross	GA	31503	Education, Education, Jr Colleges, Jr Colleges	Essential	Colleges and Universities	4821306.00	
16339	South Georgia State College - Educational Bldg	Waycross city	2001 South Georgia Parkway	Waycross	GA	31503	Education, Education, Jr Colleges, Jr Colleges		Colleges and Universities	2367974.00	
16337	South Georgia State College - PE/Gym	Waycross city	2001 South Georgia Parkway	Waycross	GA	31503	Education, Education, Jr Colleges, Jr Colleges	Important	Colleges and Universities	1792714.00	
16341	South Georgia State College - Phys. Plant Storage	Waycross city	2001 South Georgia Parkway	Waycross	GA	31503	Education, Education, Jr Colleges, Jr Colleges	Important	Colleges and Universities	94694.00	
16336	South Georgia State College - Physical Plant	Waycross city	2001 South Georgia Parkway	Waycross	GA	31503	Education, Education, Jr Colleges, Jr Colleges	Essential	Colleges and Universities	473830.00	
16340	South Georgia State College - Student Services	Waycross city	2001 South Georgia Parkway	Waycross	GA	31503	Education, Education, Jr Colleges, Jr Colleges	Important	Colleges and Universities	2827300.00	
16342	South Georgia State College - The Lair	Waycross city	2001 South Georgia Parkway	Waycross	GA	31503	Education, Education, Jr Colleges, Jr Colleges		Colleges and Universities	25110.00	
10654	Southeast Health District	Waycross city	1101 Church Street	Waycross	GA	31501	Government, Government, Government Offices, Government Offices	Essential	Government - General Services	9000000.00	
10656	Southside Christian School	Waycross city	707 Elizabeth Street	Waycross	GA	31501	Government, Water/Sewer	Important, Vulnerable Population	Grade Schools and Admin. Offices	11700000.00	

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Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Occupancy	Building Value	Contents Value
10658	Strate Welding Supply	Waycross city	1722 Reynolds Street	Waycross	GA	31501	Government, Water/Sewer	Lifeline, Hazardous Materials, Important	Light Industrial	1200000.00	
10659	Suntrust Bank	Waycross city	1807 Knight Avenue	Waycross	GA	31501	Government, Water/Sewer	Important	Banks	2493000.00	
28019	Tommy Rouse Diversion Center	Waycross city	3019 Memorial Drive	Waycross	GA	31503	Law Enforcement, Law Enforcement, State Patrol, State Patrol	Essential, Special Consideration, Vulnerable Population	Institutional Dormitories	1443190.00	
10660	Trinity United Methodist Church	Waycross city	1005 Church Street	Waycross	GA	31503	Government, Water/Sewer	Essential, Vulnerable Population	Government - Emergency Response	3900000.00	
10661	U.S. Federal Courthouse/Waycross P.O.	Waycross city	601 Tebeau Street	Waycross	GA	31501	Law Enforcement, Court House	Essential, Historic Consideration	Government - Emergency Response	10200000.00	
10666	U.S. Social Security Administration	Waycross city	303 Isabella Street	Waycross	GA	31501	Law Enforcement, Court House	Important	Government - General Services	300000.00	
28027	Unison Behavioral Health	Waycross city	1007 Mary St.	Waycross	GA	31501	Medical, Clinics	Important, Lifeline, Vulnerable Population	> 50 units	396672.00	
10664	USPO- Vehicle Maintenance	Waycross city	1001 Albany Avenue	Waycross	GA	31501	Law Enforcement, Court House	Important	Government - General Services	112500.00	
10684	Veterinary Clinic- Dr. Flanders	Waycross city	102 Darling Avenue	Waycross	GA	31501	Government, Water/Sewer	Essential	Medical Office and Clinic	450000.00	
10695	Walmart Superstore	Waycross city	2425 Memorial Drive	Waycross	GA	31503	Law Enforcement, Police	Important	Wholesale Trade	61831500.00	
22002	Ware BOE Daffodil Pre-K School	Waycross city	1321 Buchanan St.	Waycross	GA	31501	Government, Water/Sewer	Important, Vulnerable Population	Government - General Services	5304000.00	505500.00

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Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Occupancy	Building Value	Contents Value
10700	Ware County BOE Center Elementary	Waycross city	2114 Dorothy Street	Waycross	GA	31501	Education, K - 12	Essential, Vulnerable Population	Government - Emergency Response	7452498.00	1662516.00
10701	Ware County BOE Central Office	Waycross city	1301 Bailey Street	Waycross	GA	31501	Education, K - 12	Important, Vulnerable Population	Grade Schools and Admin. Offices	8870940.00	2232143.00
10706	Ware County BOE Memorial Drive Elementary	Waycross city	2580 Ambrose Street	Waycross	GA	31503	Education, K - 12	Essential, Vulnerable Population	Government - Emergency Response	6060879.00	911841.00
12380	Ware County BOE Memorial Stadium	Waycross city	715 Dewey Street	Waycross	GA	31501	Government, Water/Sewer	Important	Grade Schools and Admin. Offices	12678467.00	
10716	Ware County BOE Ware High School	Waycross city	700 Victory Drive	Waycross	GA	31503	Medical, Hospital	Essential, Vulnerable Population	Government - Emergency Response	37640388.00	6156602.00
1186	Ware County BOE Waycross Middle School	Waycross city	700 Central Ave.	Waycross	GA	31501	Education, K - 12	Essential, Vulnerable Population	Grade Schools and Admin. Offices	13283537.00	2113649.00
10730	Ware County BOE Williams Heights Elementary	Waycross city	702 Dewey Street	Waycross	GA	31501	Law Enforcement, Police	Essential, Vulnerable Population	Government - Emergency Response	6748705.00	1688160.00
3634	Ware County Courthouse	Waycross city	800 Church St	Waycross	GA	31502	Law Enforcement, Court House	Essential, Important, Historic Consideration	Government - Emergency Response	12976800.00	1138114.00
12384	Ware County Health Department	Waycross city	604 Riverside Avenue	Waycross	GA	31501	Emergency Services, Fire Fighters	Essential	Government - Emergency Response	2250000.00	
12385	Ware County Senior Center	Waycross city	1615 Carswell Avenue	Waycross	GA	31501	Emergency Services, Fire Fighters		Government - General Services	1500000.00	
10760	Waycross Bank and Trust	Waycross city	501 Tebeau Street	Waycross	GA	31501	Law Enforcement, Sheriff	Important	Banks	872051.00	

Ware County and City of Waycross
Critical Facilities List 05/23/2017

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Occupancy	Building Value	Contents Value
22007	Waycross City Auditorium	Waycross city	865 Pendleton Street	Waycross	GA	31501	Government, Water/Sewer	Historic Consideration	Government - General Services	1750000.00	
10761	Waycross City Hall	Waycross city	417 Pendleton Street	Waycross	GA	31502	Government, Private	Essential, Historic Consideration	Government - Emergency Response	3182663.00	400000.00
12386	Waycross FD Station #1	Waycross city	1820 Mary Street	Waycross	GA	31503	Emergency Services, Fire Fighters	Essential, Lifeline	Government - Emergency Response	1545000.00	200000.00
10764	Waycross FD Station #2	Waycross city	1700 Riverside Drive	Waycross	GA	31501	Emergency Services, Fire Fighters	Essential	Government - Emergency Response	470546.00	44800.00
10767	Waycross FD Station #3	Waycross city	126 Havana Avenue	Waycross	GA	31501	Emergency Services, Fire Fighters	Essential	Government - Emergency Response	470546.00	41000.00
10768	Waycross Gravity Feed/Rib Bldg	Waycross city	3450 Screven Avenue Ext.	Waycross	GA	31501	Emergency Services, Fire Fighters	Important	Government - General Services	107200.00	215000.00
10769	Waycross Health Rehabilitation Center	Waycross city	1910 Dorothy Street	Waycross	GA	31501	Emergency Services, Fire Fighters	Important, Vulnerable Population	Nursing Homes	27000000.00	
10771	Waycross Housing Authority- Bailey	Waycross city	1501 Bailey Street	Waycross	GA	31501	Emergency Services, Fire Fighters	Vulnerable Population, Special Consideration	> 50 units	22351800.95	
10774	Waycross Housing Authority- Elizabeth Pk.	Waycross city	101-170 Reagan Circle	Waycross	GA	31501	Emergency Services, Fire Fighters	Vulnerable Population, Special Consideration	> 50 units	12172500.31	
10789	Waycross Housing Authority- Northside 2	Waycross city	Folks/MLK/Tebeau/Thomas	Waycross	GA	31501	Emergency Services, Fire Fighters	Vulnerable Population, Special Consideration	> 50 units	16710000.00	

**Ware County and City of Waycross
Critical Facilities List 05/23/2017**

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Occupancy	Building Value	Contents Value
10790	Waycross Housing Authority Northside 3	Waycross city	Pendleton/Thomas/Tebeau	Waycross	GA	31501	Emergency Services, Fire Fighters	Vulnerable Population, Special Consideration	> 50 units	13485000.00	
10788	Waycross Housing Authority-Northside1	Waycross city	Bernice/MLK ?Tebeau/Clough	Waycross	GA	31501	Emergency Services, Fire Fighters	Vulnerable Population, Special Consideration	20 to 49 units	14512500.00	
12387	Waycross Housing Authority	Waycross city	301 Garlington Avenue	Waycross	GA	31503	Emergency Services, Fire Fighters	Vulnerable Population, Special Consideration	> 50 units	21036900.26	
10791	Waycross Main Garage/Service Bldg	Waycross city	714 Pendergast Street	Waycross	GA	31501	Emergency Services, Fire Fighters	Transportation, Important	Government - General Services	259093.00	145600.00
12388	Waycross Maintenance Facility	Waycross city	1200 Colley Street	Waycross	GA	31501	Emergency Services, Fire Fighters	Important	Government - General Services	1700425.00	280000.00
10602	Waycross National Guard Armory	Waycross city	718 Garlington Avenue	Waycross	GA	31501	Government, Water/Sewer	Essential	Government - Emergency Response	4200000.00	
10793	Waycross Office/ Alice Street Storage	Waycross city	2410 Alice Street	Waycross	GA	31501	Emergency Services, Fire Fighters	Important, Special Consideration	Government - General Services	206000.00	56000.00
10795	Waycross PD Detective Office	Waycross city	407 Pendleton Street	Waycross	GA	31501	Law Enforcement, Police	Essential	Government - Emergency Response	826800.00	100000.00
3561	Waycross Police Department	Waycross city	510-512 Oak St	Waycross	GA	31501	Law Enforcement, Police	Essential, Vulnerable Population	Government - Emergency Response	2100000.00	200000.00
10796	Waycross Public Works Office/Storage	Waycross city	629 Satilla Lane	Waycross	GA	31501	Law Enforcement, Police	Transportation, Important	Government - General Services	310433.00	140000.00

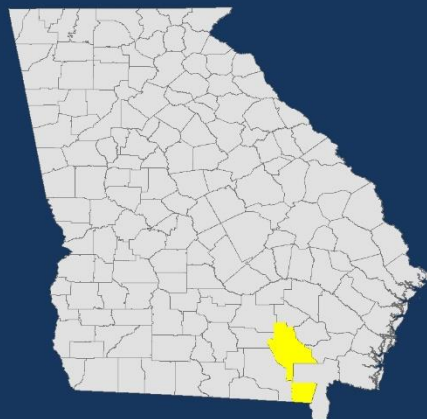
Ware County and City of Waycross
Critical Facilities List 05/23/2017

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Occupancy	Building Value	Contents Value
12389	Waycross Traffic Engineering	Waycross city	1200 Colley Street	Waycross	GA	31501	Government, Government, Government Offices, Government Offices	Essential, Transportation	Government - General Services	2464000.00	200000.00
10809	Waycross Wastewater Treatment Plant	Waycross city	2900 Lakeview Drive	Waycross	GA	31502	Government, Government, Water/Sewer, Water/Sewer	Lifeline	Government - General Services	3547000.00	367200.00
10806	Waycross Water Storage System	Waycross city	Alice Street	Waycross	GA	31501	Government, Water/Sewer	Essential, Lifeline	Government - Emergency Response	493630.00	
10808	Waycross Water Storage System	Waycross city	2308 Memorial Drive	Waycross	GA	31501	Government, Water/Sewer	Essential, Lifeline	Government - Emergency Response	750000.00	
3679	Waycross Water System Storage	Waycross city	512 Alice St	Waycross	GA	31501	Government, Water/Sewer	Essential, Lifeline	Government - Emergency Response	1366200.00	50000.00
12392	Waycross Water System Storage	Waycross city	Stephenson Street	Waycross	GA	31503	Government, Water/Sewer	Essential, Lifeline	Government - Emergency Response	750000.00	
12393	Waycross Water System Storage	Waycross city	1603 MLK	Waycross	GA	31503	Government, Water/Sewer	Essential, Lifeline	Government - Emergency Response	750000.00	
12394	Waycross Water System Storage	Waycross city	1506 Marion St.	Waycross	GA	31503	Government, Water/Sewer	Essential, Lifeline	Government - Emergency Response	750000.00	
10801	Waycross Water Treatment Facility	Waycross city	512 Alice Street	Waycross	GA	31501	Government, Government, Water/Sewer, Water/Sewer	Essential, Historic Consideration, Lifeline	Government - Emergency Response	2195700.00	50000.00
10799	Waycross-Ware County Public Library	Waycross city	401 Lee Avenue	Waycross	GA	31501	Education, Library	Important, Historic Consideration	Government - General Services	6922800.00	2343985.00
21987	Westport Village	Waycross city	1612 Carswell Ave.	Waycross	GA	31503	Law Enforcement, State Patrol	Vulnerable Population	> 50 units	2437856.00	

**Ware County and City of Waycross
Critical Facilities List 05/23/2017**

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Occupancy	Building Value	Contents Value
14442	White House Personal Care	Waycross city	452 State Street	Waycross	GA	31501	Law Enforcement, Sheriff	Important, Vulnerable Population	Nursing Homes	1050000.00	
10811	YMCA Kennedy Childcare Center	Waycross city	105 Darling Avenue	Waycross	GA	31501	Government, Water/Sewer	Important, Vulnerable Population	Churches and Non-Profit Organizations	1440000.00	
10812	YMCA Waycross Family Daycare	Waycross city	1634 Plant Avenue	Waycross	GA	31501	Government, Water/Sewer	Important, Vulnerable Population	Churches and Non-Profit Organizations	9000000.00	

Appendix G



Hazard Risk Analyses Supplement to the Ware 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 created 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 2017, the Georgia Department of Emergency Management partnered with Carl Vinson Institute of Government and Southern Georgia Regional Commission to develop a detailed risk assessment focused on defining hurricane, riverine flood and tornado in Ware County, 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.

Risk Assessment Process Overview

Hazus-MH Version 2.2 SP1 was used to perform the analyses for Ware 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. Ware 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 Ware County were replaced with data derived from parcel and property assessment data obtained from Ware County. The county provided property assessment data was current as of July 2017 and the parcel data current as of July 2017. 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 Ware County is 99.4%. 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	55	0	\$12,281,000	\$0
Commercial	1,072	916	\$653,661,000	\$110,391,000
Education	36	49	\$46,129,000	\$64,661,000
Government	47	47	\$32,013,000	\$45,513,000
Industrial	192	484	\$134,581,000	\$468,805,000
Religious	192	242	\$127,008,000	\$62,511,000
Residential	14,730	14,765	\$2,641,815,000	\$1,756,351,000
Total	14,443	16,503	\$3,647,488,000	\$2,508,232,000

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

For Ware 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)¹, or site-specific points. Figure 1 shows the distribution of buildings as points based on the county provided data.

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

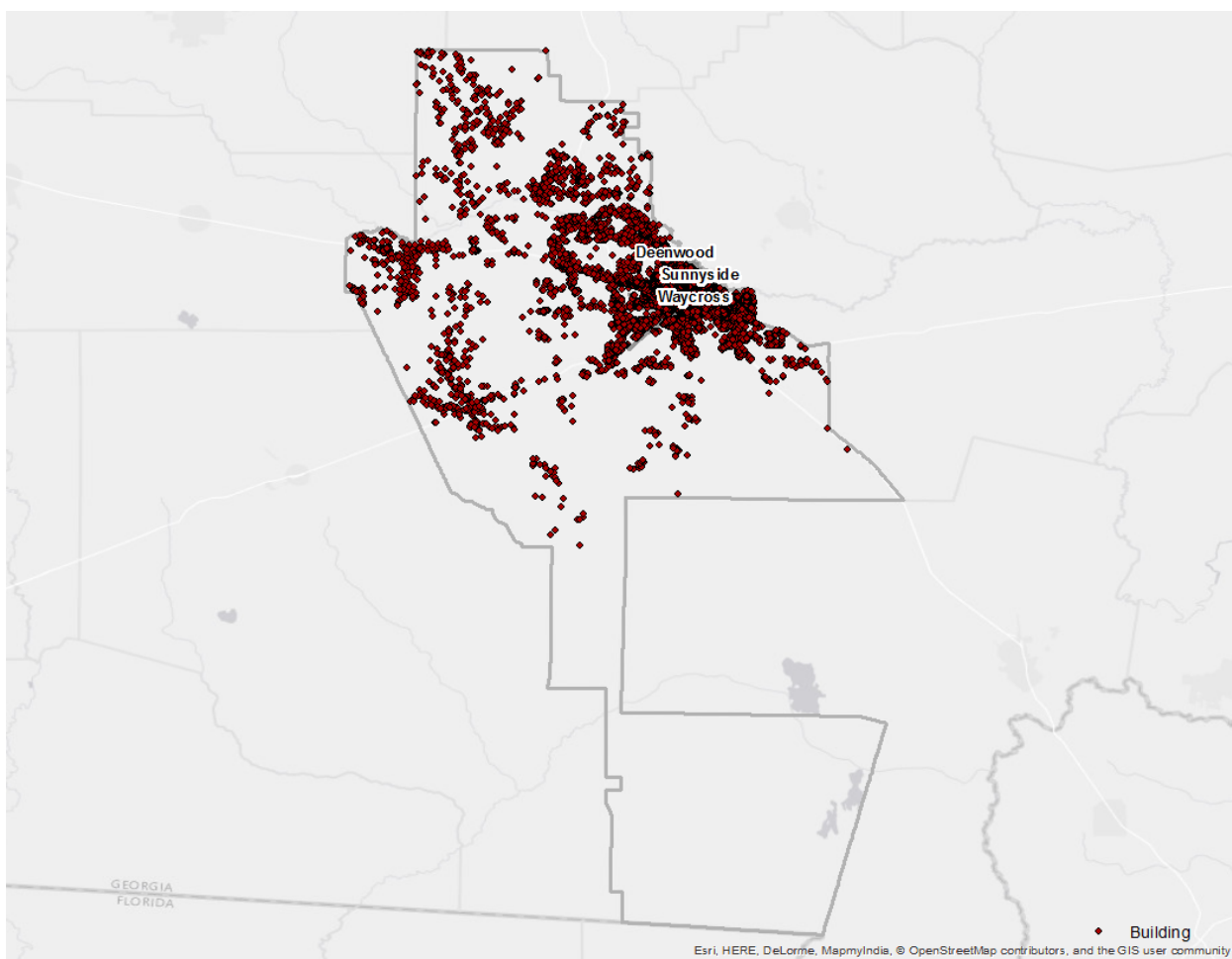


Figure 1: Ware County Overview

Essential Facility Updates

The default Hazus-MH essential facility data was updated to reflect improved information available in the Georgia Mitigation Information System (GMIS) as of July 2017. 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
Deenwood		
School	1	\$8,585,000
Total	1	\$8,585,000
Sunnyside		
Total	0	\$0
Waycross		
Care	11	\$200,589,000
Fire	4	\$4,735,000
Police	7	\$30,032,000
School	21	\$154,146,000
Total	43	\$389,502,000
Unincorporated Ware County		
EOC	1	\$1,001,000
Fire	16	\$53,048,000
Police	3	\$18,783,000
School	5	\$37,055,000
Total	25	\$109,887,000

Assumptions and Exceptions

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

- The Ware 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.
- 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)². 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.

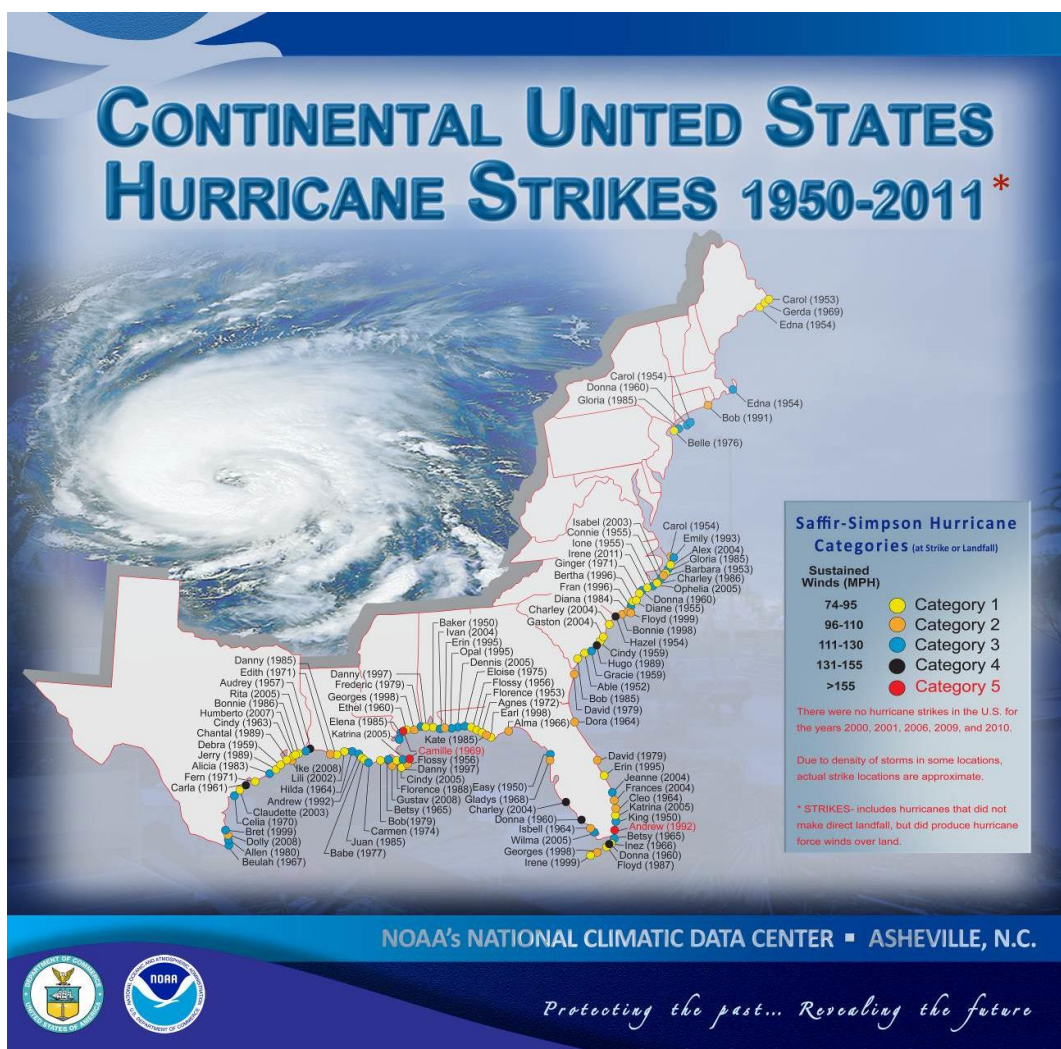


Figure 2: Continental United States Hurricane Strikes: 1950 to 2011³

² 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.

³ Source: NOAA National Climatic Data Center

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.

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 Ware County by creating a 20-mile buffer around the county to include storms that didn't make direct landfall in Ware County but impacted the county. Since 1851, Ware County has had 48 tropical systems within 20 miles of its county borders (Table 4).

Table 4: Tropical Systems affecting Ware County⁴

Year	Month	Day	Name	Wind (Knots)	Category
1868	October	4	UNNAMED	50	TS
1868	October	5	UNNAMED	40	TS
1871	August	23	UNNAMED	60	TS
1871	August	23	UNNAMED	50	TS
1871	October	6	UNNAMED	40	TS
1871	October	6	UNNAMED	40	TS
1873	June	2	UNNAMED	40	TS
1873	September	19	UNNAMED	60	TS
1877	September	20	UNNAMED	40	TS
1877	September	29	UNNAMED	40	TS
1878	October	11	UNNAMED	40	TS

⁴ Atlantic Oceanic and Meteorological Laboratory (2015). "Data Center." National Oceanic and Atmospheric Administration. http://www.aoml.noaa.gov/hrd/data_sub/re_anal.html. Retrieved 12-2-2015.

1880	September	8	UNNAMED	40	TS
1882	October	11	UNNAMED	50	TS
1885	August	31	UNNAMED	40	TS
1885	September	21	UNNAMED	40	TS
1885	October	19	UNNAMED	50	TS
1888	September	9	UNNAMED	45	TS
1888	September	9	UNNAMED	40	TS
1893	June	16	UNNAMED	50	TS
1896	September	29	UNNAMED	100	CAT_3
1907	June	29	UNNAMED	45	TS
1911	August	5	UNNAMED	20	TD
1911	August	5	UNNAMED	20	TD
1912	July	15	UNNAMED	40	TS
1914	September	17	UNNAMED	60	TS
1914	September	17	UNNAMED	40	TS
1916	October	4	UNNAMED	50	TS
1919	October	1	UNNAMED	35	TS
1924	September	16	UNNAMED	40	TS
1924	September	30	UNNAMED	55	E
1938	October	24	UNNAMED	40	TS
1946	October	8	UNNAMED	35	TS
1947	September	24	UNNAMED	50	TS
1947	October	7	UNNAMED	40	TS
1950	September	7	EASY	40	TS
1957	June	9	UNNAMED	35	TS
1960	July	29	BRENDA	30	TD
1964	October	5	HILDA	35	E
1966	June	10	ALMA	55	TS
1970	May	25	ALMA	25	TD
1972	May	28	ALPHA	30	SD
1976	May	23	SUBTROP1	40	SS
1996	October	8	JOSEPHINE	60	TS
1996	October	8	JOSEPHINE	45	E
2000	September	18	GORDON	40	TS
2000	September	18	GORDON	30	TD
2004	August	12	BONNIE	30	TD
2005	October	6	TAMMY	45	TS

Category Definitions:
TS – Tropical storm
TD – Tropical depression
CAT_1 – Category 1 (same format for 2, 3, and 4)
E – Extra-tropical cyclone

Probabilistic Hurricane Scenario

The following probabilistic wind damage risk assessment modeled a Category 1 storm with maximum winds of 85 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.

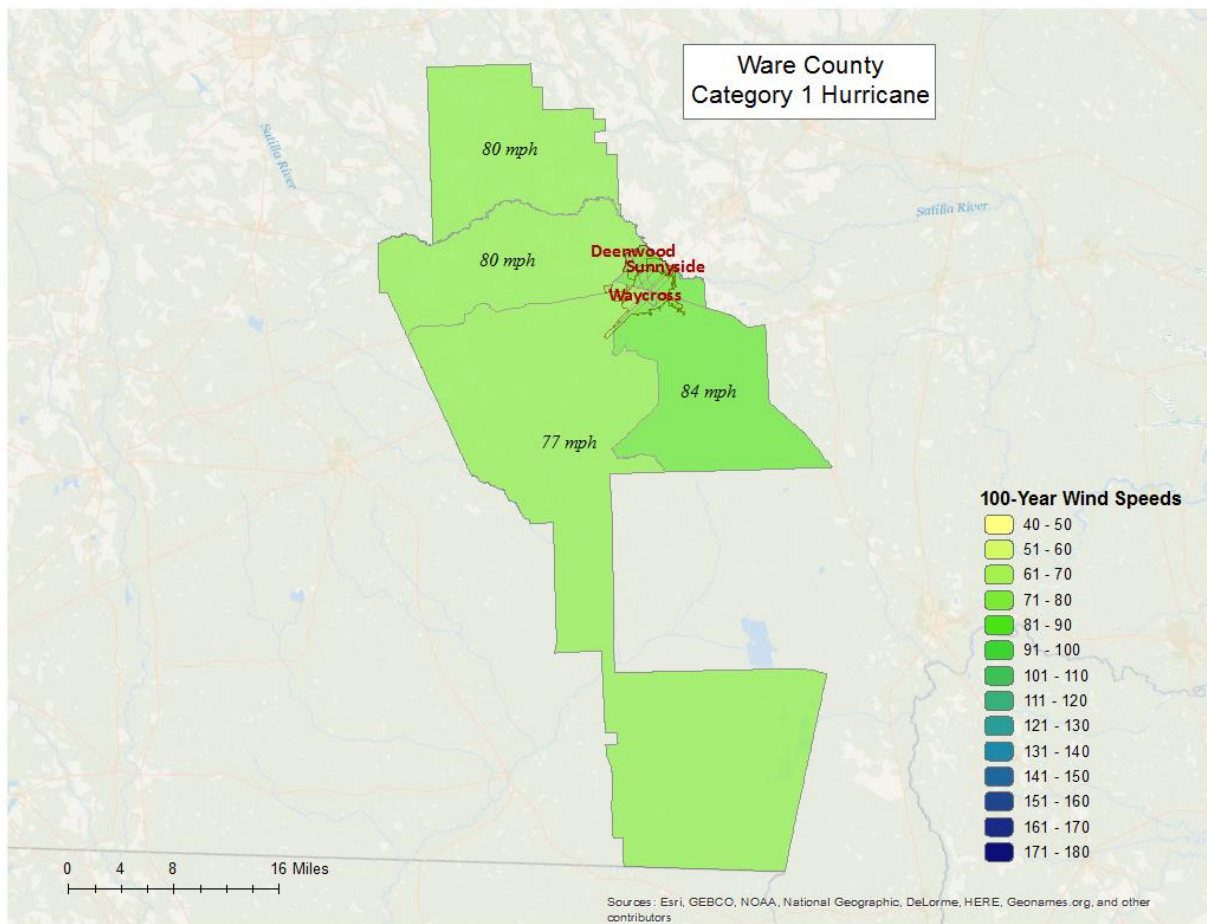


Figure 3: Wind Speeds by Storm Category

Wind-Related Building Damages

Buildings in Ware 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 Ware 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.

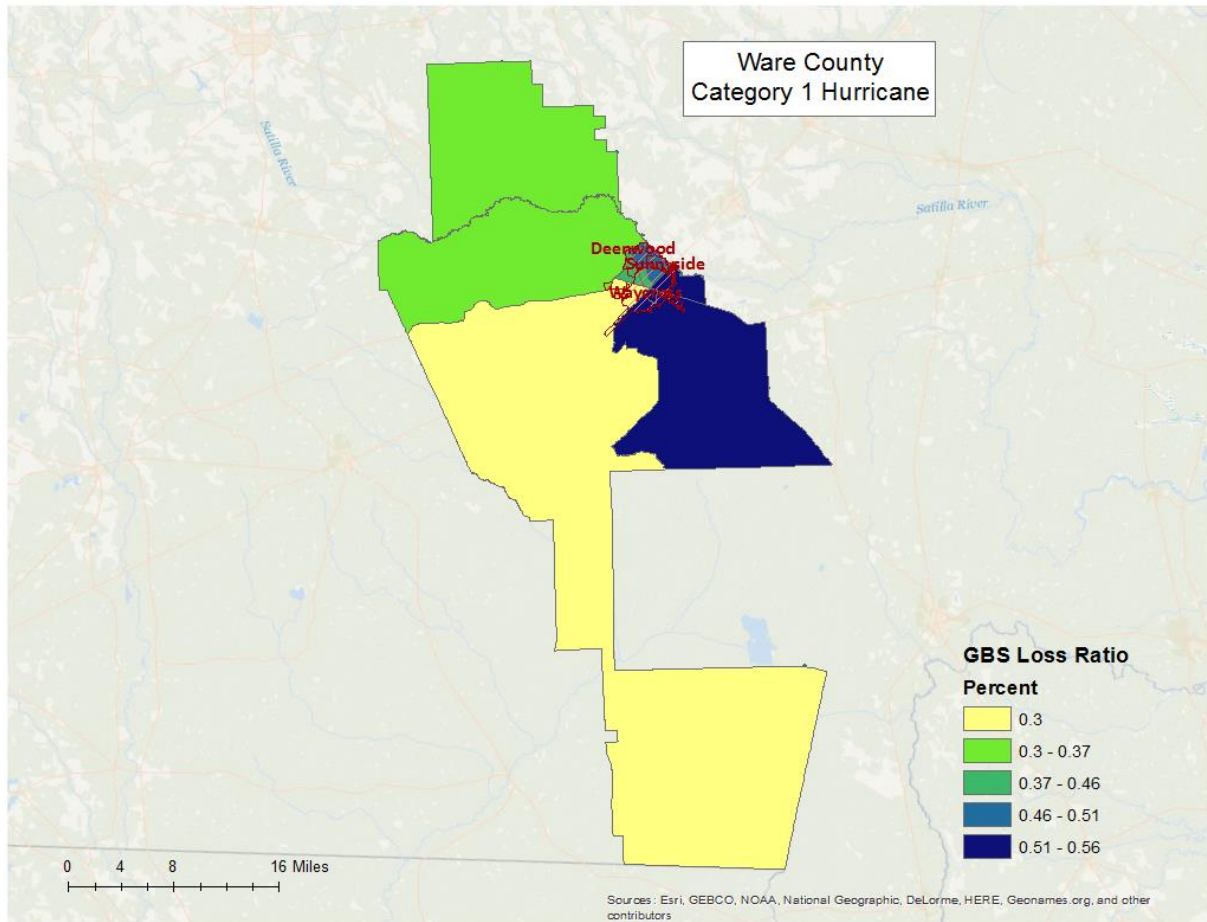


Figure 4: Hurricane Wind GBS Loss Ratios

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	277	\$8,287,030	\$11,661,390	0.46

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 69 essential facilities in Ware County.

Classification	Number
EOCs	1
Fire Stations	20
Care Facilities	11
Police Stations	10
Schools	27

Table 6: Wind-Damaged Essential Facility Losses

Storm Classification	Facilities Moderately Damaged (>50%)	Facilities Completely Damaged (>50%)	Facilities with expected loss (<1 day)
Category 1	0	0	69

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. There were no shelter requirements resulting from the current scenario.

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 7. 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 7: Wind-Related Debris Weight (Tons)

Storm Classification	Brick, Wood, and Other	Reinforced Concrete/Steel	Tree Debris	Other Tree Debris	Total
Category 1	734	0	7,543	149,964	158,241

Figure 5 shows the distribution of all wind related debris resulting from a Category 1 hurricane. Each dot represents 35 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.

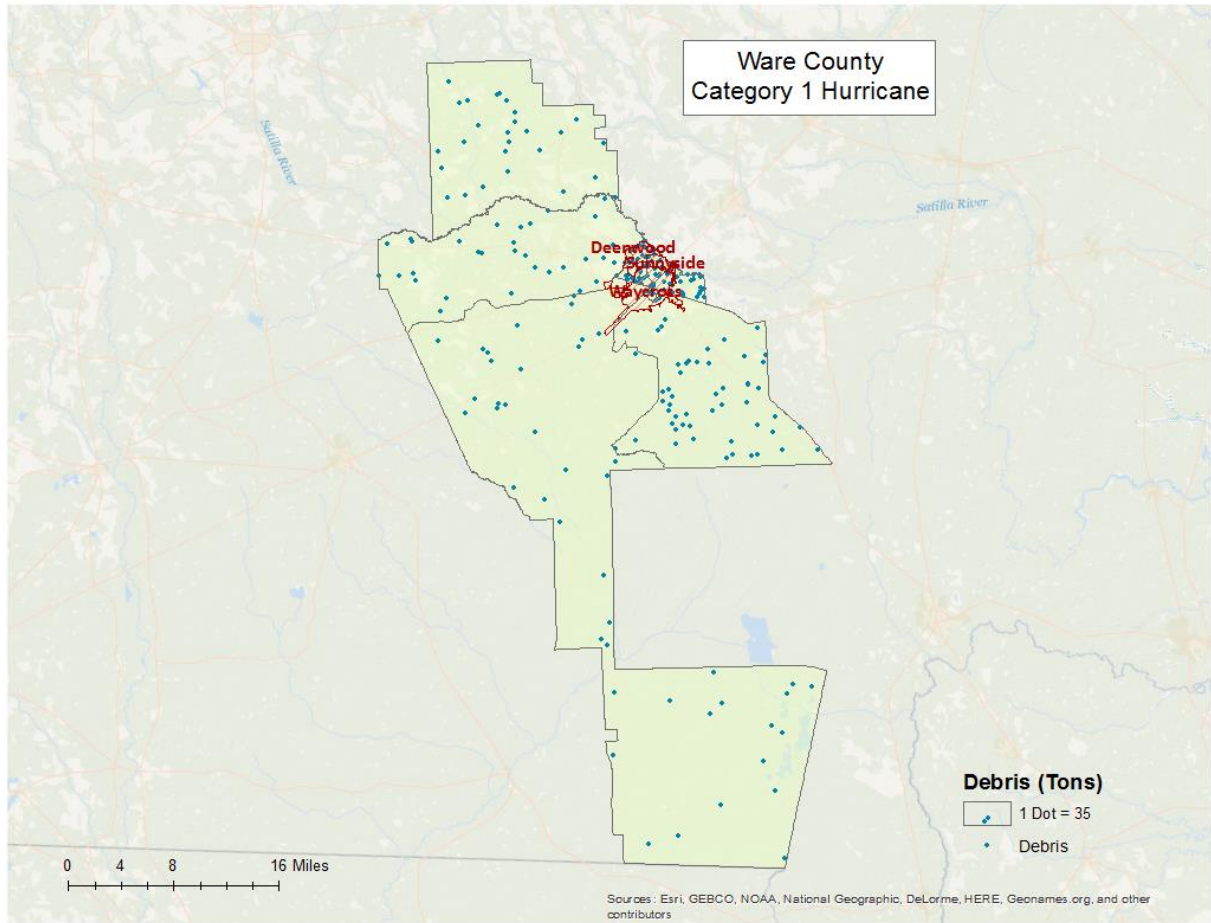


Figure 5: Wind-Related Debris Weight (Tons)

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 Ware 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 (100-Year Flood).

Riverine 1% Flood Scenario

Riverine losses were determined from the 1% flood boundaries downloaded from the FEMA Flood Map Service Center in August 2017. 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 6 illustrates the riverine inundation boundary associated with the 1% annual chance.

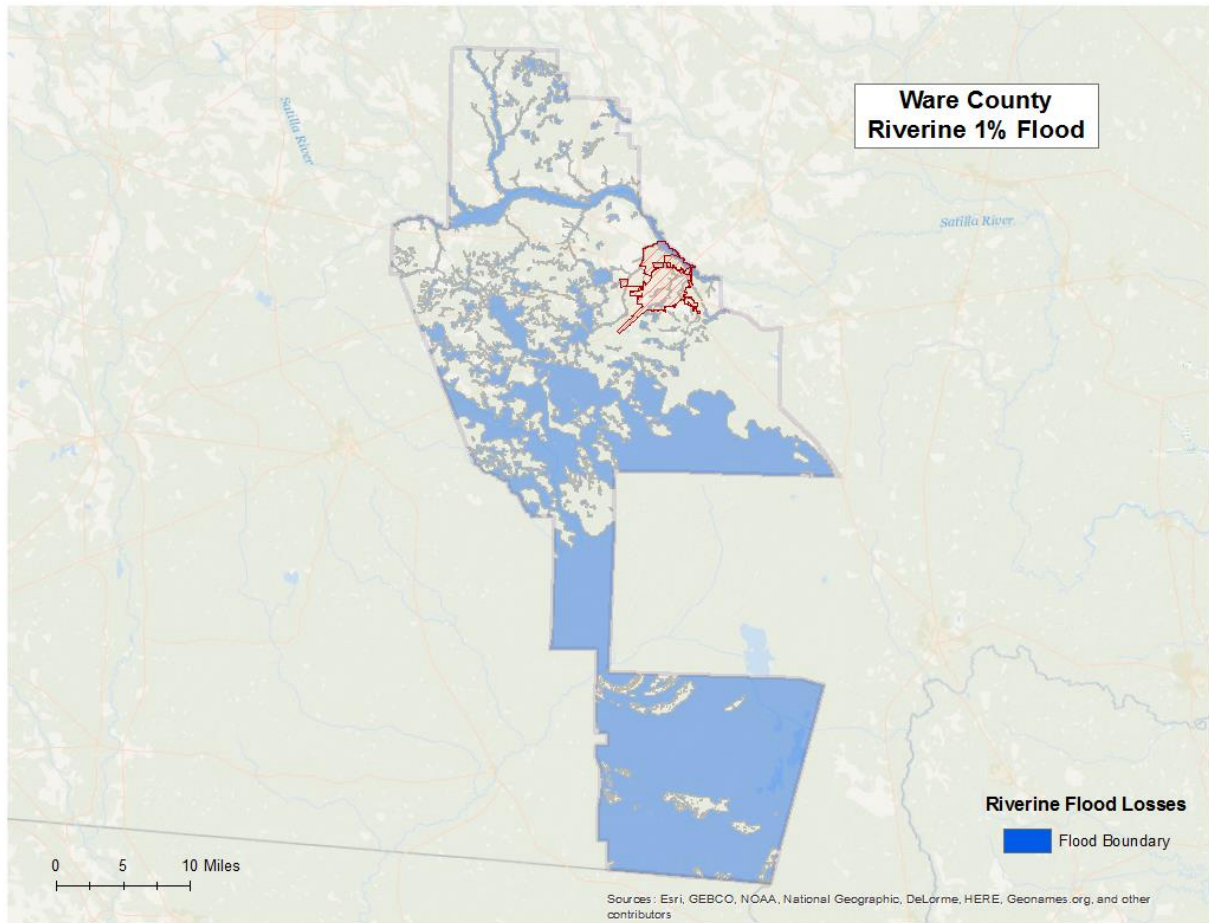


Figure 6: Riverine 1% Flood Inundation

Riverine 1% Flood Building Damages

Buildings in Ware 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 8 provides a summary of the potential flood-related building damage in Ware County by jurisdiction that might be experienced from the 1% flood. Figure 7 maps the potential loss ratios of total building exposure to losses sustained to buildings from the 1% flood by 2010 census block and Figure 8 illustrates the relationship of building locations to the 1% flood inundation boundary.

Table 8: Ware 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
Deenwood					
Residential	901	12	\$114,805,271	\$324,598	0.28%

Sunnyside					
Commercial	8	1	\$799,575	\$6,618	0.83%
Residential	593	2	\$90,242,274	\$25,714	0.03%
Unincorporated					
Commercial	211	6	\$15,629,567	\$18,202	0.12%
Industrial	256	13	\$272,207,215	\$156,709	0.06%
Residential	7,512	102	\$730,711,348	\$1,588,574	0.22%
Waycross					
Religious	120	1	\$33,937,332	\$10,790	0.03%
Industrial	197	26	\$184,397,784	\$1,820,898	0.99%
Commercial	674	47	\$92,503,643	\$331,250	0.36%
Education	35	1	\$60,743,494	\$4,688	0.01%
Residential	5,759	147	\$820,614,152	\$4,940,347	0.60%
County Total					
Total	16,266	358	\$2,416,591,655	\$9,228,388	

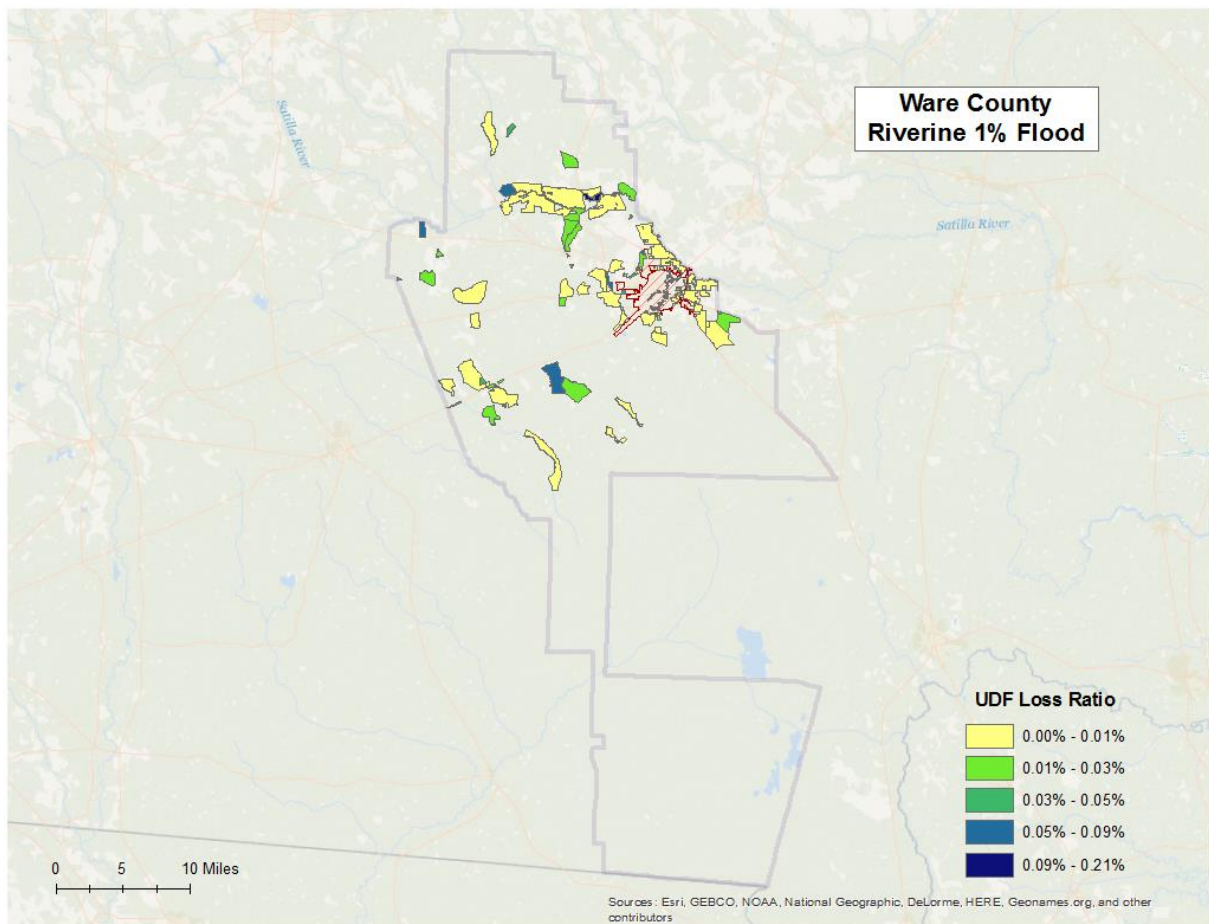


Figure 7: Potential UDF Loss Ratios from the 1% Riverine Flood

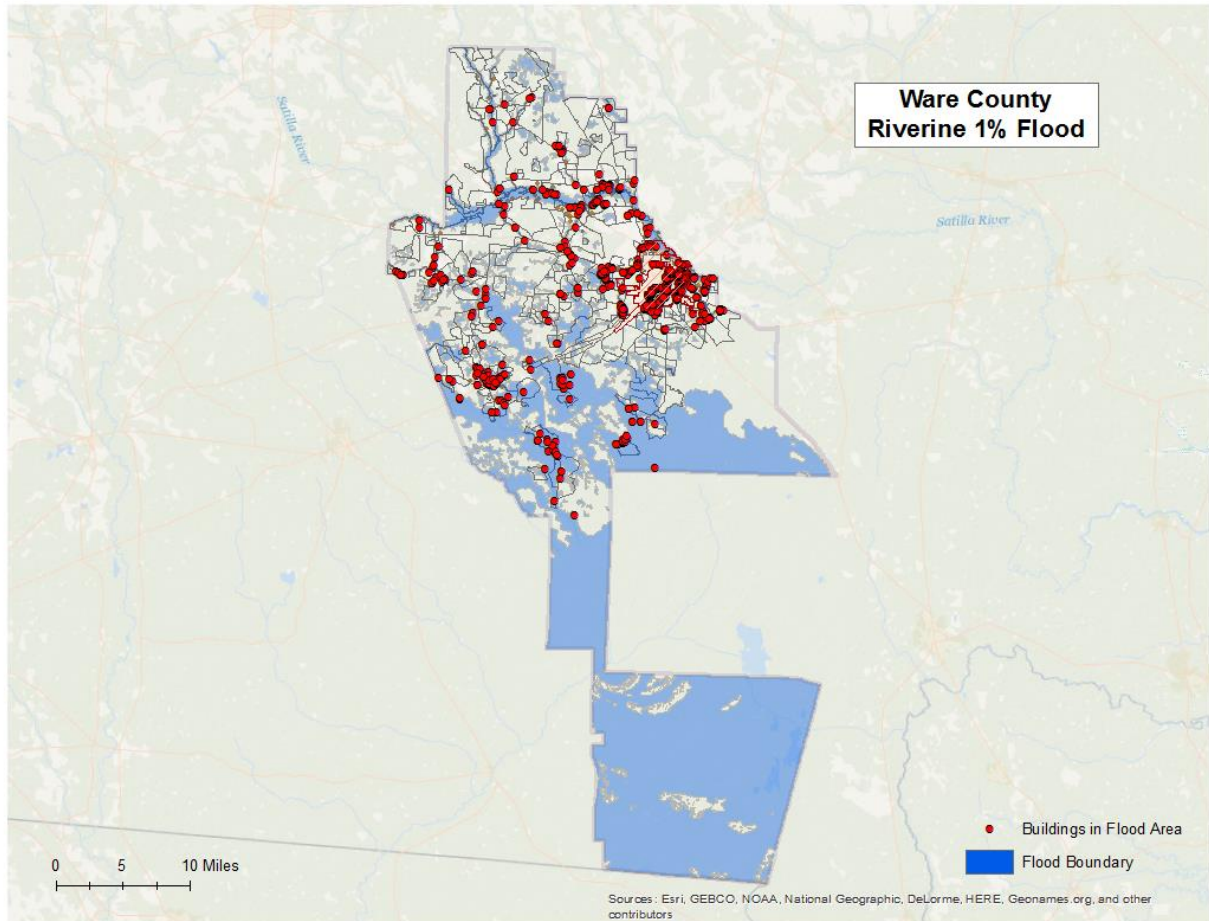


Figure 8: Damaged Buildings in 1% Riverine Flood

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 did not identify any essential facilities that were subject to damage in the Ware County riverine 1% probability floodplain.

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 1,214 households might be displaced due to the flood. Displacement includes households evacuated within or very near to the inundated area. Displaced households represent 3,642 individuals, of which 1,868 may require short term publicly provided shelter. The results are mapped in Figure 9.

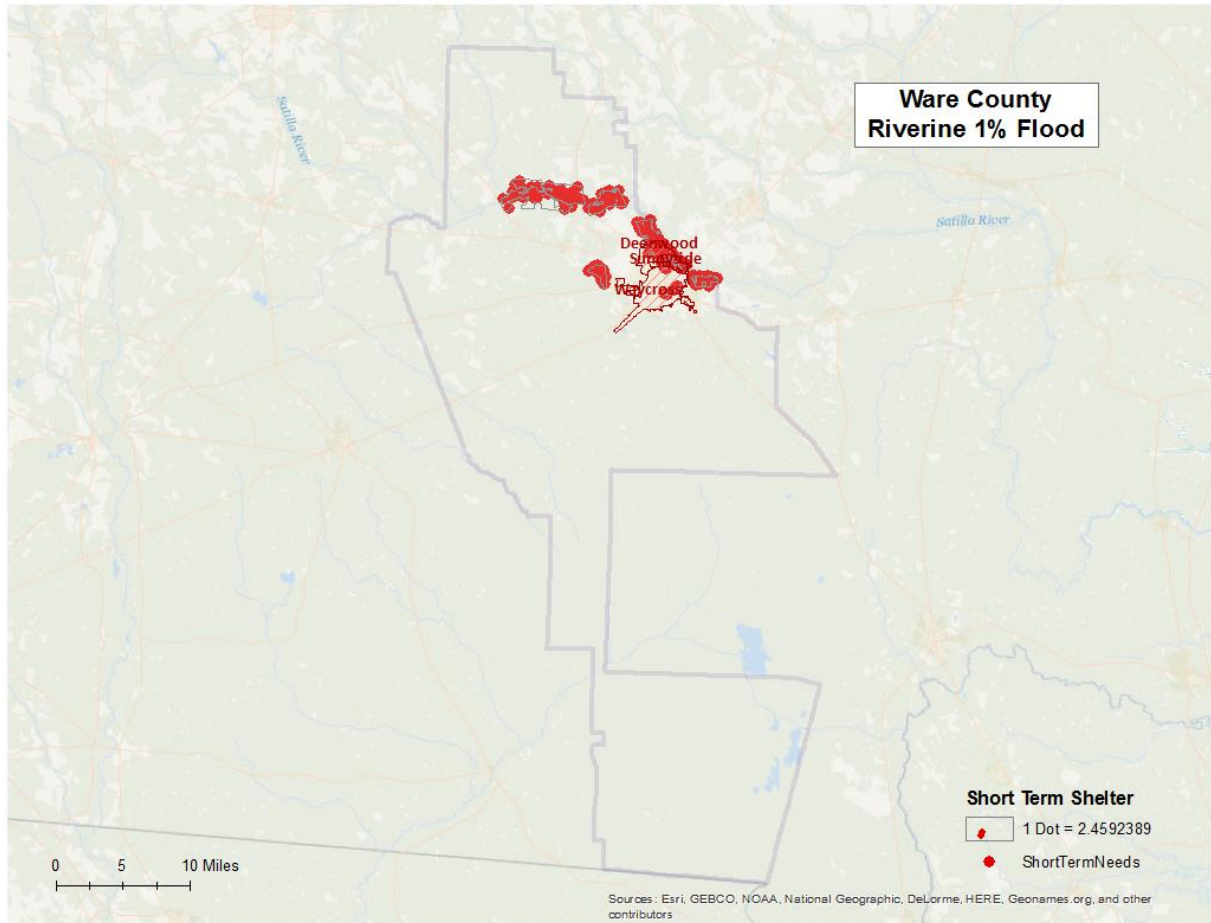


Figure 9: Estimated Flood Shelter Requirements in 1% Riverine Flood

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 1,536 tons of debris might be generated: 1) Finishes – 1,109 tons; 2) Structural - 124 tons; and 3) Foundations- 302 tons. The results are mapped in Figure 10.

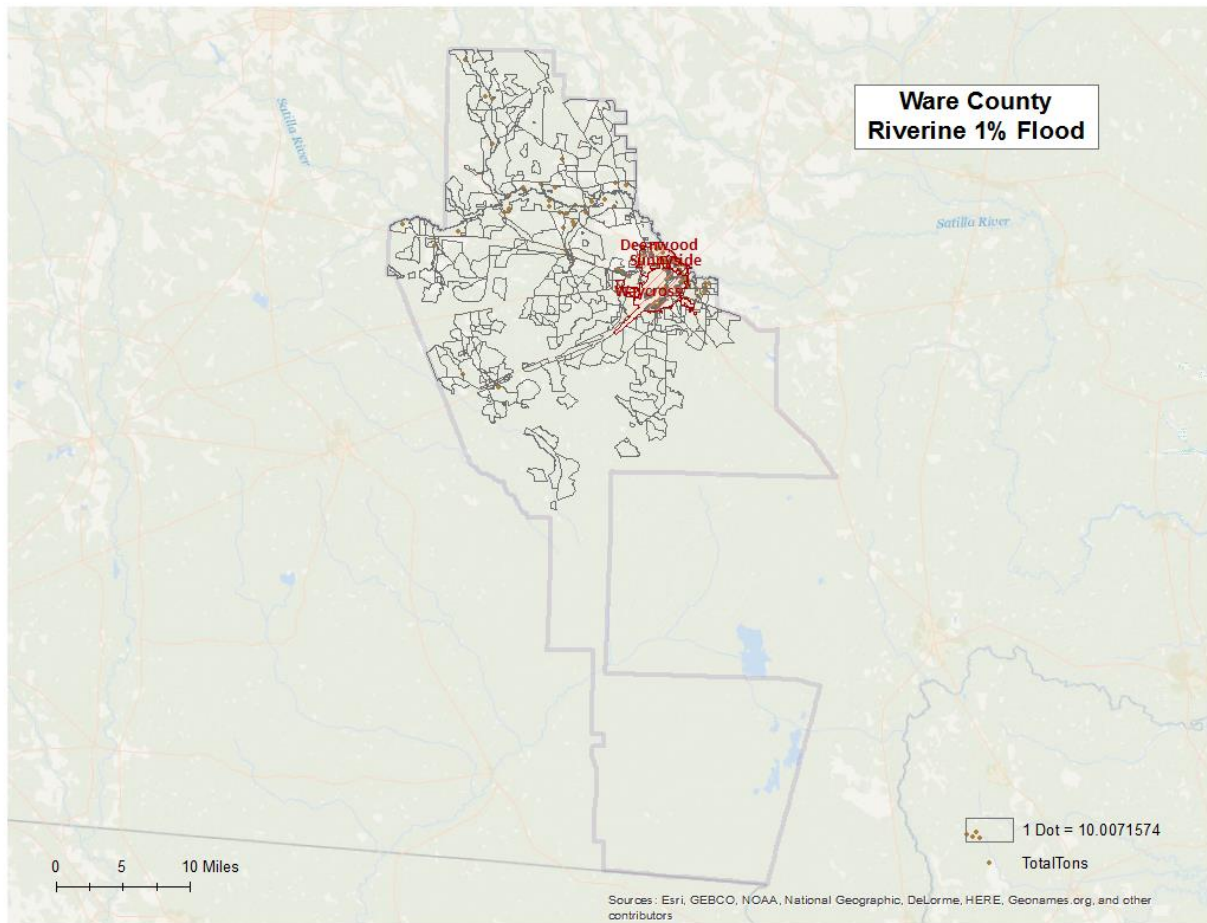


Figure 10: Flood Debris Weight (Tons) in 1% Riverine Flood

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 9.

Table 9: 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>Incredible</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 tornadoes (southeast to northwest). The tornado path was placed to travel through Waycross. 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 10 depicts tornado path widths and expected damage.

Table 10: 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 11 describes the zone analysis.

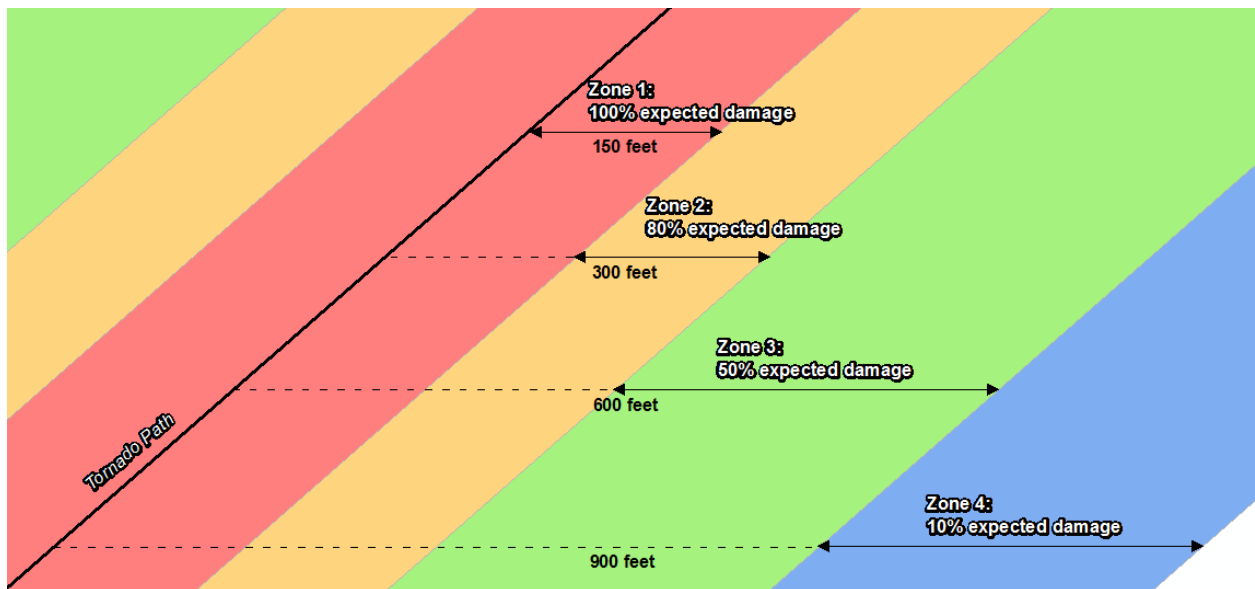


Figure 11: EF Scale Tornado Zones

An EF3 tornado has four damage zones, depicted in Table 11. 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 12 and the damage curve buffer zones are shown in Figure 13.

Table 11: 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%

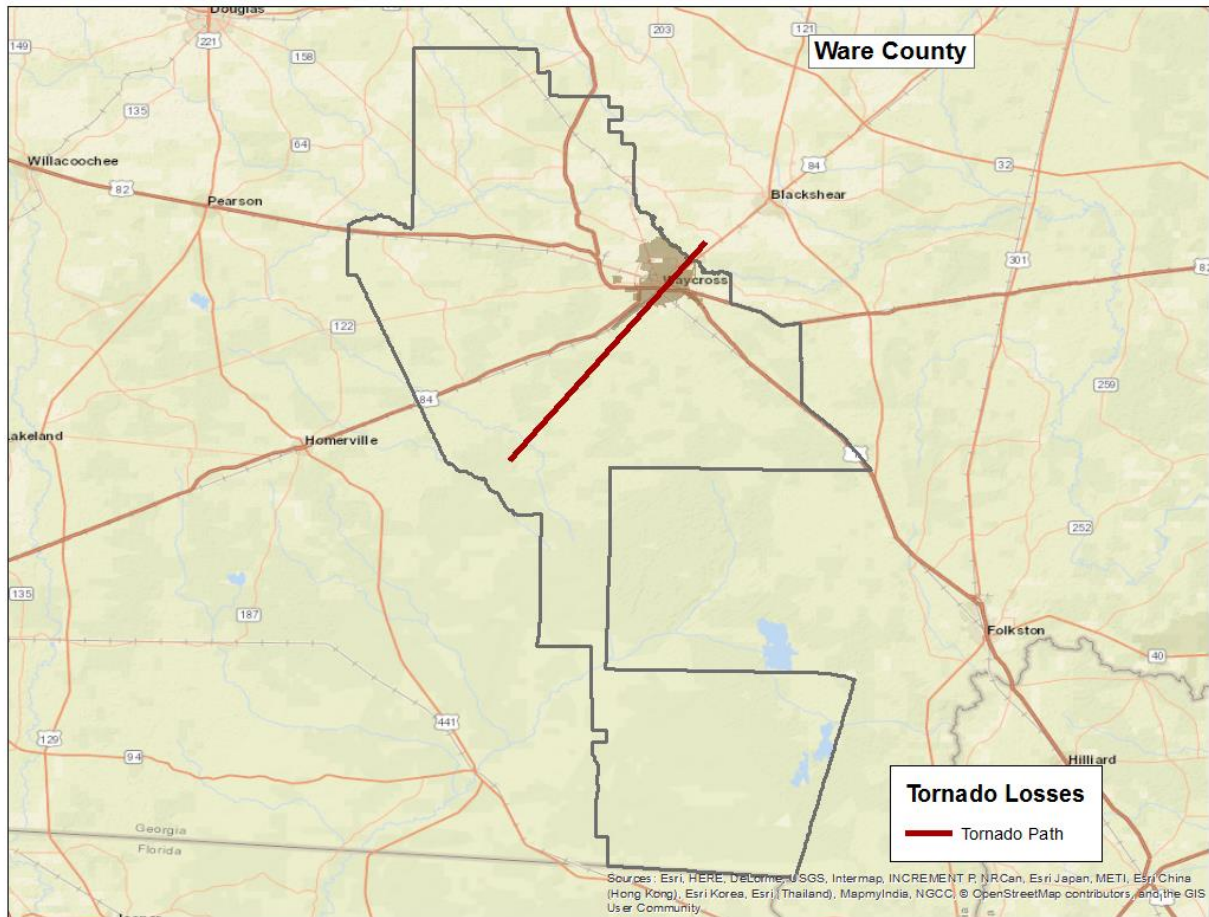


Figure 12: Hypothetical EF3 Tornado Path

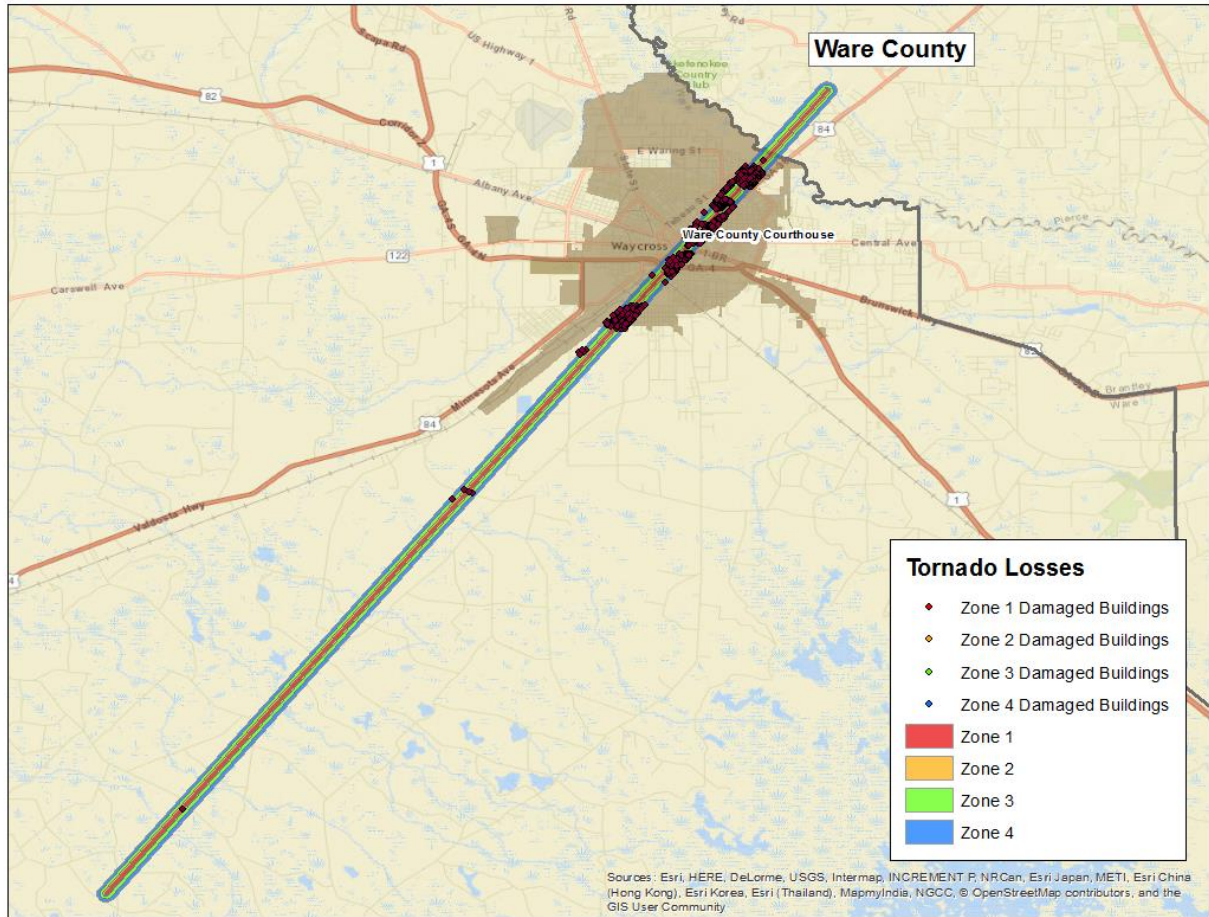


Figure 13: Modeled EF3 Tornado Damage Buffers

EF3 Tornado Building Damages

The analysis estimated that approximately 825 buildings could be damaged, with estimated building losses of \$31.7 billion. The building losses are an estimate of building replacement costs multiplied by the percentages of damage. The overlay was performed against parcels provided by Ware 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 12.

Table 12: Estimated Building Losses by Occupancy Type

Occupancy Classification	Buildings Damaged	Building Losses
Commercial	127	\$3,912,409
Government	2	\$15,826
Industrial	29	\$9,515,272
Religious	21	\$2,161,347
Residential	646	\$16,094,107
Total	825	\$31,698,961

EF3 Tornado Essential Facility Damage

There was one essential facilities located in the tornado path – Ware County Courthouse. According to the modeling, this facility would suffer major damage should such a tornado strike occur.

The location of the damaged Essential Facilities is mapped in Figure 14.



Figure 14: Modeled Essential Facility Damage in Ware County

Exceptions Report

Hazus Version 2.2 SP1 was used to perform the loss estimates for Ware 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 named PDM_GA_Workflow.doc.

Statewide Inventory Changes

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

Statewide facility data were supplied by GEMA through the GMIS in July 2017. These updates were applied by the Southern Georgia Regional Commission. Table 13 summarizes the difference between the original Hazus-MH default data and the updated data for Ware County.

Table 13: Essential Facility Updates

Occupancy Classification	Default Replacement Cost	Default Count	Updated Replacement Cost	Updated Count
Care	\$23,931,054	1	\$200,589,000	11
EOC	\$880,000	1	\$1,001,000	1
Fire	NA	3	\$57,783,000	20
Police	\$3,696,000	3	\$48,815,000	10
School	\$111,817,164	15	\$199,786,000	27

County Inventory Changes

The GBS records for Ware County were replaced with data derived from parcel and property assessment data obtained from Ware County. The county provided property assessment data was current as of July 2017 and the parcel data current as of July 2017.

General Building Stock Updates

The parcel boundaries and assessor records were who obtained from Ware County. Records without improvements were deleted. The parcel boundaries were converted to parcel points located in the centroids of each parcel boundary. 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 Ware County was 99.4%.

Adjustments were made to records when primary fields did not have a value. In these cases, default values were applied to the fields. Table 14 outlines the adjustments made to Ware County records.

Table 14: Building Inventory Default Adjustment Rates

Type of Adjustment	Building Count	Percentage
Area Unknown	3	0%
Construction Unknown	1,597	10%
Condition Unknown	4	0%
Foundation Unknown	68	0%
Year Built Unknown	393	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 Ware 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

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 15 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 15: Building Count and Exposure for County and Riverine Flood Area

Feature	Counts	Exposure
Total buildings in the County	16,503	\$2,508,299,187
Total buildings inside the 1% Annual Chance Riverine Flood Area	33	\$1,412,664

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