

APPENDIX A

HAZARD IDENTIFICATION, RISK ASSESSMENT AND VULNERABILITY

FLOOD

Flood plains are relatively flat lands that border streams and rivers that are normally dry, but are covered with water during floods. The severity of a flood is usually measured in terms of depth of flooding. Flooding occurs when the volume of water exceeds the ability of a water body (stream, river, or lake) to contain it within its normal banks. Floodplains serve three major purposes: Natural water storage and conveyance, water quality maintenance, and groundwater recharge. These three purposes are greatly inhibited when floodplains are misused or abused through improper and unsuitable land development. For example, if floodplains are filled in order to construct a building, then valuable water storage areas and recharge areas are lost. This causes unnecessary flooding in previously dry areas and can damage buildings or other structures.

The susceptibility of a stream to flooding is dependent upon several different variables. Among these are topography, ground saturation, rainfall intensity and duration, soil types, drainage, drainage patterns of streams, and vegetative cover. A large amount of rainfall over a short time period can result in flash flood conditions. A small amount of rain can also result in floods in locations where the soil is saturated from a previous wet period or if the rain is concentrated in an area of impermeable surfaces such as large parking lots, paved roadways, etc. Topography and ground cover are contributing factors for floods in that water runoff is greater in areas with steep slopes and little or no vegetation.

Severe flooding within Jenkins County is a relatively infrequent event. The county has over 35,292 acres of wetlands, 14 lakes, 33 rivers/streams and 14 reservoirs which makes the potential for flooding significant. In the last 90 years 14 flooding events were recorded, where ten occurred countywide, one in the incorporated areas only and two in Millen. There were approximately \$750,000 in property and crop damages with one injury and one fatality reported. The worst recorded flooding in Jenkins County occurred between September 25 and October 3, 1929, as a result of two heavy thunderstorms that passed through the area within a period of ten days. There has been a total of approximately \$750,000 in property and crop damages with one injury and one fatality reported. The flood in October 1992 resulted in the death of a 2-week-old baby that was swept from its mother's arms as the family was being evacuated because of flooding. The rainfall resulted in flash flooding which caused downed trees and power lines and washed out several roads. Limited data is available for the incorporated jurisdiction. The most complete data applies to the county as a whole.

The magnitude of a major flood event could have approximately 75% of the county experiencing some damage from flooding. Based on tax data, parcel and flood maps all or a portion of 281 known structures/properties valued at approximately \$25.8 million and a population of 385 located in known floodplains.

Location	Date	Type	Mag	Dth	Inj	PrD	CrD	Episode Narrative
JENKINS CO.								The worst recorded flooding in Jenkins County occurred between September 25 and October 3, 1929, as a result of two heavy thunderstorms that passed through the area within a period of ten days. The first storm, which occurred September 25-27, 1929, was prolonged and intense. The second storm was the result of a tropical hurricane that passed around the Florida peninsula, turned northwest, and moved inland near the City of Pensacola, Florida on September 30. It moved northeast across northern Florida and southeastern Georgia and then up the Atlantic coast.
	9/25/1929							
JENKINS CO.	3/20/1980	Flooding						Heavy rainfall caused flash flooding in parts of the county.
JENKINS CO.	10/11/1990	Flooding		0	0	500000	0	
JENKINS CO.	10/14/1990	Flooding		0	0	50000	0	Flooding widespread along County rivers and roads due to heavy rainfall.
JENKINS CO.	2/14/1991	Flooding		0	0	0	500	
JENKINS CO.	8/26/1991	Flooding		0	0	50000	0	
JENKINS CO.	10/2/1992	Flooding		0	0	100000	0	
JENKINS CO.	10/8/1992	Flooding		0	1	0	0	
JENKINS CO.	3/11/1998	Flooding						Flooding at Buckhead creek
JENKINS CO.	4/10/2003	Flooding						Heavy rainfall on saturated ground caused several roads to become impassable as water ponded on the roads.
	7/26/2003	Flash Flood		0	0	0	0	Very heavy rain caused flooding which washed out Savannah Road and Spencer Road. Highway 25 to the north of Millen was also flooded.
MILLEN								
MILLEN	6/29/2010	Flash Flood		0	0	0	0	The public reported seven inches of rainfall with widespread flooding on roadways in Millen.
EMMALANE	6/29/2010	Flash Flood		0	0	0	0	Law enforcement reported sections of Cotton Avenue, North Masonic Street and Park Street in Millen closed due to high water.
ROGERS	5/29/2012	Flash Flood		0	0	0	0	Three feet of water across State Road 17 in Herndon near Birdsville Road

Critical Facilities Flood Hazard Scores

Jurisdiction	Name	Hazard Score	Value	Building size	Content value	Functional Use value	Facility type	Risk	Daytime Occupancy	Nighttime Occupancy
Jenkins County	Herdon Bridge	3	6000000	2000			Emergency Services, Fire 0 Fighters	Transportation	0	
Millen city	City of Millen Wastewater Lift Station #2	3	100000	1600			Government, Water/Sewer 0	Essential, High Potential Loss, Important	1	
Millen city	City of Millen Wastewater Lift Station #3	3	100000	1600			Government, Water/Sewer 0	Essential, High Potential Loss, Important	1	
Millen city	City of Millen Wastewater Treatment Plant	3	4000000	20			Government, Water/Sewer 0	Essential, High Potential Loss, Important	2	
Millen city	City of Millen Wastewater Lift Station #4	3	90000	160			Government, Water/Sewer 0	Economic Assets	0	
Millen city	Millen Public Works Office	3	320000	3900	33000		Government, Water/Sewer 0	Important	3	
Millen city	Millen Gas System	3	3250000	20000			Government, Water/Sewer 0	Essential, Lifeline, Hazardous Materials		
Millen city	Millen Lift Station #1-A	3	170000	150			Government, Water/Sewer 0	Essential		
Millen city	Millen Lift Station #1B	3	170000	150			Government, Water/Sewer 0	Essential, Lifeline		
Millen city	Millen Mechanic Shop	3	100000	4000	50000		Government, Water/Sewer 0	Important	3	
Millen city	Millen Wastewater Lift Station #1	3	170000	150			Government, Water/Sewer 0	Essential, Lifeline		
Jenkins County	Jenkins Co. Health Dept.	0	1125000	6213	150000	450000	Government, Water/Sewer	Essential	8	
Jenkins County	JENKINS CO-CR54 PHASE 2 MSWL & C&D SITE	0	1000000	2000			Government, Water/Sewer 0	Hazardous Materials, Economic Assets		

Critical Facilities Flood Hazard Scores

Jurisdiction	Name	Hazard Score	Value	Building size	Content value	Functional Use value	Facility type	Risk	Daytime Occupancy	Nighttime Occupancy
Jenkins County	Jenkins County Extension Office	0	250000	4380	25000	0	Government, Water/Sewer	Essential	10	
Jenkins County	Jenkins County Adult Learning Center	0	125000	3300	25000	0	Government, Water/Sewer	Important	25	
Jenkins County	Jenkins County Ag Center	0	150000	4160	10000	0	Government, Water/Sewer	Essential	4	
Jenkins County	Jenkins County Annex Building	0	1200000	7000	100000	500000	Government, Water/Sewer	Important	10	
Jenkins County	Jenkins County BOE Office and Bus Shop	0	1500000	3500	300000	0	Emergency Services, Fire Fighters	Important	25	
Jenkins County	Jenkins County Courthouse	0	5500000	13200	250000	2300000	Government, Water/Sewer	Essential, Historic Consideration	15	
Jenkins County	Jenkins County Elem School	0	4500000	200000	2500000	0	Education, K - 12	Essential, Vulnerable Population	725	
Jenkins County	Jenkins County EMS	0	350000	4800	750000	0	Government, Water/Sewer	Essential, Lifeline, Important, Vulnerable Population	4	4
Jenkins County	Jenkins County Fuel Station	0	150000	1000		0	Transportation	Essential, Transportation	0	
Jenkins County	Jenkins County Headstart	0	800000	4000	100000	0	Government, Water/Sewer	Important, Vulnerable Population	45	
Jenkins County	Jenkins County High School	0	10500000	201000	2500000	0	Education, K - 12	Essential, Vulnerable Population	457	
Jenkins County	Jenkins County Library	0	600000	5700	225000	0	Education, Library	Important	20	
Jenkins County	Jenkins County Maintenance Shop	0	114250	4750	30000	0	NGO, Transportation	Transportation, Important	14	

Critical Facilities Flood Hazard Scores

Jurisdiction	Name	Hazard Score	Value	Building size	Content value	Functional Use value	Facility type	Risk	Daytime Occupancy	Nighttime Occupancy
Jenkins County	Jenkins County Middle School	0	9000000	15000	2500000		Emergency Services, Fire Fighters	Important, Vulnerable Population	387	
Jenkins County	Jenkins County Roads and Bridges Office	0	75000	6000	10000	0	Education, Library	Important	2	
Jenkins County	Jenkins County Senior Citizens Center	0	1125000	5288	50000	0	Government, Water/Sewer	Important, Vulnerable Population	30	
Jenkins County	Millen-Jenkins County Airport	0	6000000	384	1000000	0	NGO, Transportation	Transportation, Important	0	
Jenkins County	North Jenkins Co. VFD #3	0	70000	2000	10000	0	Emergency Services, Fire Fighters	Essential		
Jenkins County	North Jenkins Co. Volunteer Fire Dept. #7	0	70000	1280	10000	80000	Emergency Services, Fire Fighters	Essential, Important	0	
Jenkins County	North Jenkins Co. Volunteer Fire Dept. #9	0	80000	4200	50000	150000	Emergency Services, Fire Fighters	Essential, Important	0	
Jenkins County	North Jenkins VFD #2	0	80000	2600	10000	0	Emergency Services, Fire Fighters	Essential	0	
Jenkins County	Ogeechee Behavioral Health Services Mental Retardation Services	0	250000	3300	15000	0	NGO, Transportation	Important, Vulnerable Population	20	
Jenkins County	South Jenkins Co. Volunteer Fire Dept. #5	0	162500	2400	50000	0	Emergency Services, Fire Fighters	Essential	0	
Jenkins County	South Jenkins VFD #6	0	110000	2000	250000	0	Emergency Services, Fire Fighters	Essential	0	
Millen city	Barney Overpass	0	3000000	1500		0	Government, Water/Sewer	Transportation		

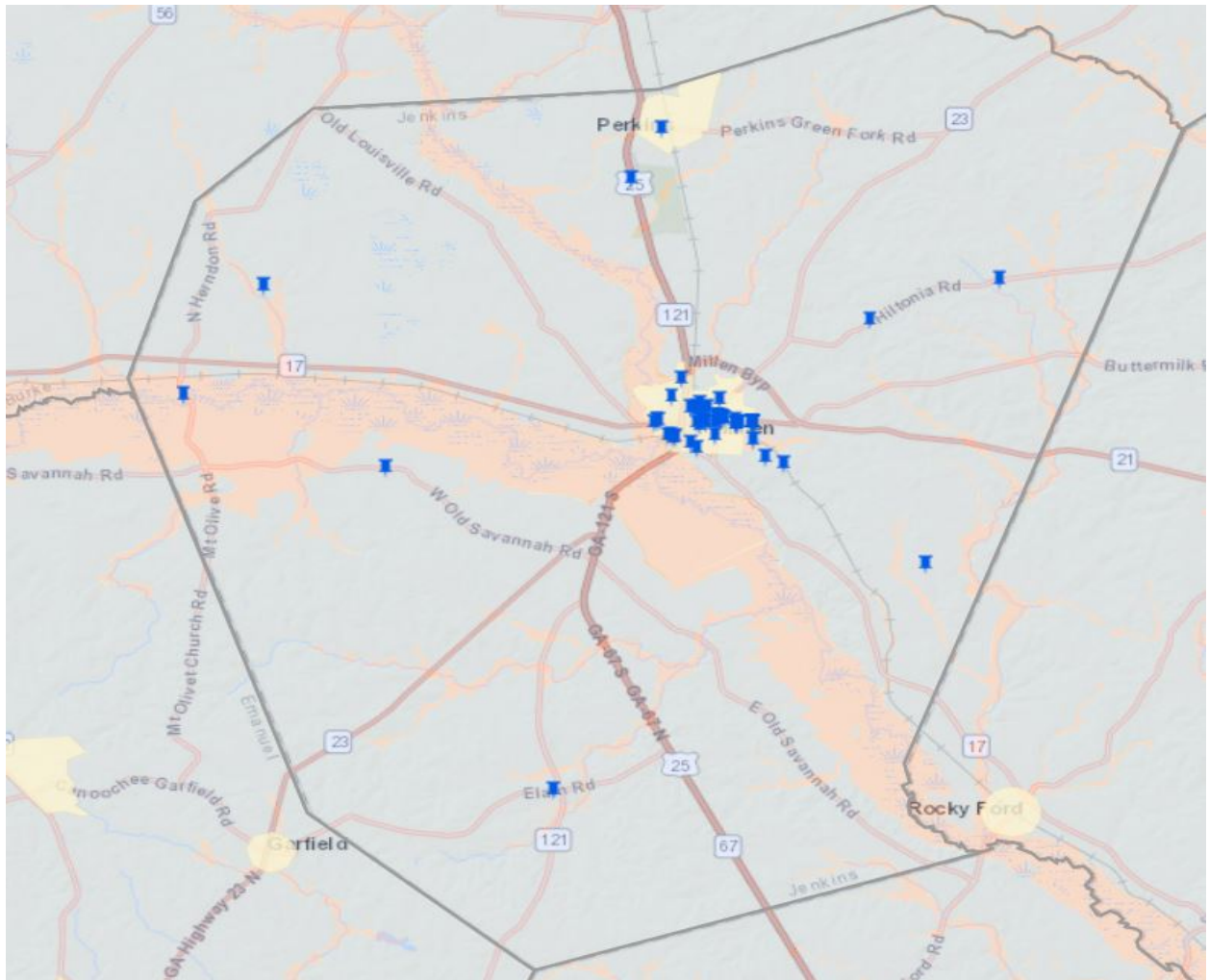
Critical Facilities Flood Hazard Scores

Jurisdiction	Name	Hazard Score	Value	Building size	Content value	Functional Use value	Facility type	Risk	Daytime Occupancy	Nighttime Occupancy
Millen city	City of Millen Groundwater Elevated Tank #2	0	750000	250			Government, 0 Water/Sewer	Essential, Lifeline		
Millen city	City of Millen Groundwater Well #1	0	500000	1000			Government, 0 Water/Sewer	Essential, High Potential Loss, Important, Special Consideration	0	
Millen city	City of Millen Groundwater Well #2	0	500000	200			Government, 0 Water/Sewer	Essential, Lifeline	0	
Millen city	City of Millen Natural Gas Regulation Station #1	0	150000	625			Government, 0 Water/Sewer	High Potential Loss, Important	0	
Millen city	City of Millen Natural Gas Regulation Station #2	0	150000	600			Education, Government 0 Offices	High Potential Loss, Important	0	
Millen city	City of Millen Natural Gas Regulator Station #3	0	150000	200			Government, 0 Water/Sewer	Lifeline, Hazardous Materials, Important		
Millen city	Millen City Hall/FD/PD	0	5500000	22000	1500000		Emergency Services, Fire 0 Fighters	Essential	10	
Millen city	Millen Community House	0	780000	5760	50000		Government, 0 Water/Sewer	Important		
Millen city	Millen Elevated Tank #1	0	750000	100			Government, 0 Water/Sewer	Essential, Lifeline		
Millen city	Millen Elevated Tank #4	0	750000	250			Government, 0 Water/Sewer	Essential, Lifeline		
Millen city	Millen Groundwater Elevated Tank #1	0	750000	200			Government, 0 Water/Sewer	Essential, Lifeline		

Critical Facilities Flood Hazard Scores

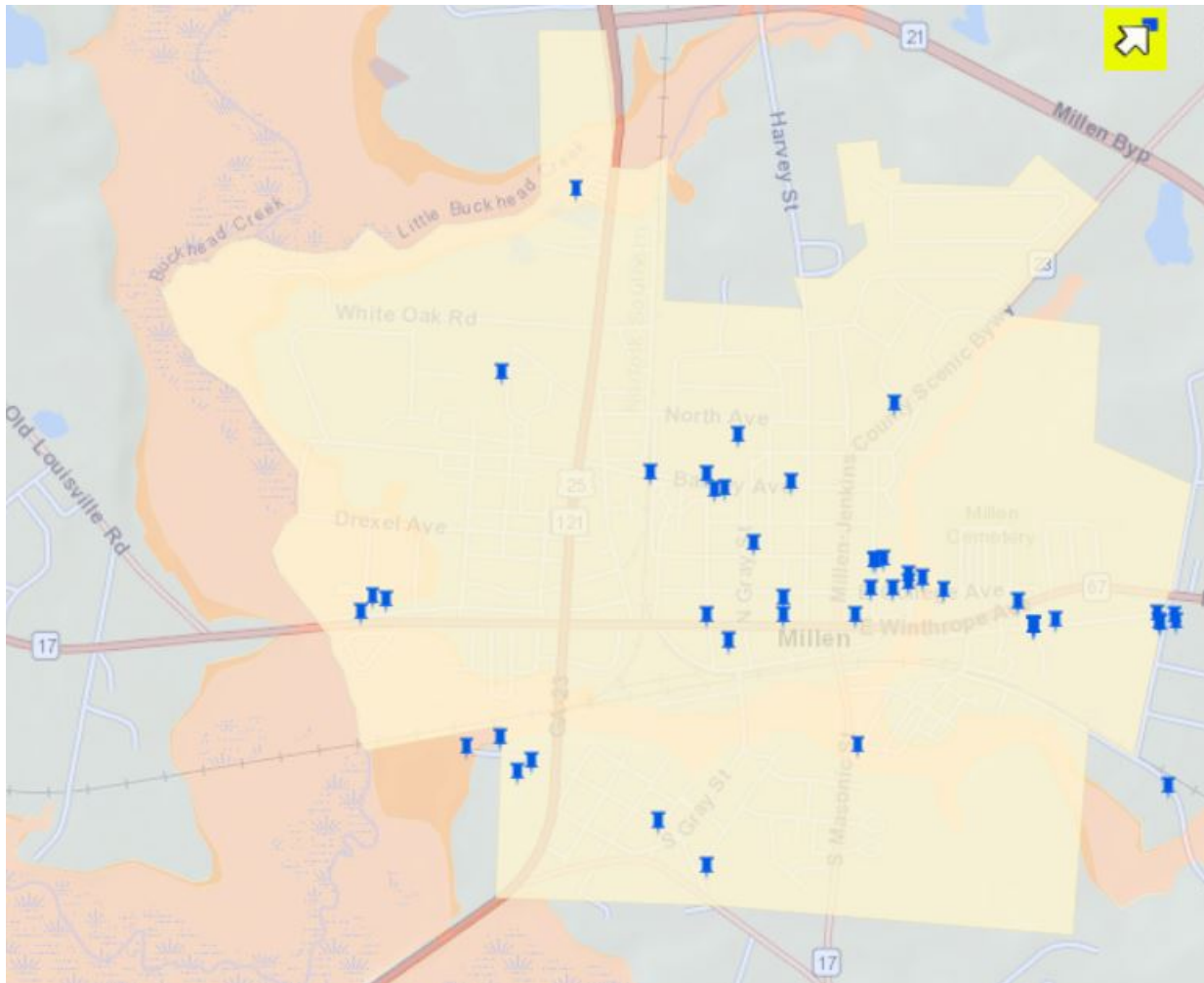
Jurisdiction	Name	Hazard Score	Value	Building size	Content value	Functional Use value	Facility type	Risk	Daytime Occupancy	Nighttime Occupancy
Millen city	Millen Groundwater Well #3	0	500000	200		0	Government, Water/Sewer	Essential, Lifeline		
Millen city	Millen Natural Gas Odorizer	0	100000	400		0	Education, Government Offices	Essential	0	
Millen city	Millen Utility Warehouse	0	372000	4800	280000	0	Government, Water/Sewer	Important		
Millen city	Millen Well #4	0	500000	200		0	Water/Sewer	Essential, Lifeline		
Millen city	Solar Array #1	0	115000			0	Government, Water/Sewer	Essential	0	
Millen city	Solar Array #2	0	50000			0	Government, Water/Sewer	Essential	0	
Millen city	Solar Array 3	0	865000			0	Government, Water/Sewer	Essential	0	
			75588750	581470	12833000	3480000			1821	4

Jenkins County Flood Plains Georgia Mitigation Information System



Score	Original Value	Description
4	Floodway	Floodway (within zone AE)
	V	1% with Velocity no Base Flood Elevation (BFE)
	VE	1% with Velocity BFE
3	A	1% Annual Chance no BFE
	A99	1% Federal flood protection system
	AE	1% has BFE
	AH	1% Ponding has BFE
	AO	1% Sheet Flow has depths
	AR	1% Federal flood protection system
2	X500	0.2% Annual Chance
1	ANI	Area not included in survey
	D	Undetermined but possible
0	UNDES	Undesignated
	X	Outside Flood Zones

Millen Flood Plains Georgia Mitigation Information System



Score	Original Value	Description
4	Floodway	Floodway (within zone AE)
	V	1% with Velocity no Base Flood Elevation (BFE)
	VE	1% with Velocity BFE
3	A	1% Annual Chance no BFE
	A99	1% Federal flood protection system
	AE	1% has BFE
	AH	1% Ponding has BFE
	AO	1% Sheet Flow has depths
	AR	1% Federal flood protection system
2	X500	0.2% Annual Chance
1	ANI	Area not included in survey
	D	Undetermined but possible
0	UNDES	Undesignated
	X	Outside Flood Zones

Dam Failures

Dam failures and incidents involve unintended release or surges of impounded water. They can destroy property and cause injury and death downstream. While they may involve the total collapse of a dam, that is not always the case. Damaged spillways, overtopping of a dam or other problems may result in a hazardous situation. Dam failures may be caused by structural deficiencies in the dam itself. Dam failures may also come from other factors including but not limited to debris blocking spillways, flooding, earthquakes, improper operation and vandalism. Dam failures are potentially the worst flood events. When a dam fails, a large quantity of water is suddenly released downstream, destroying anything in its path and posing a threat to life and property.

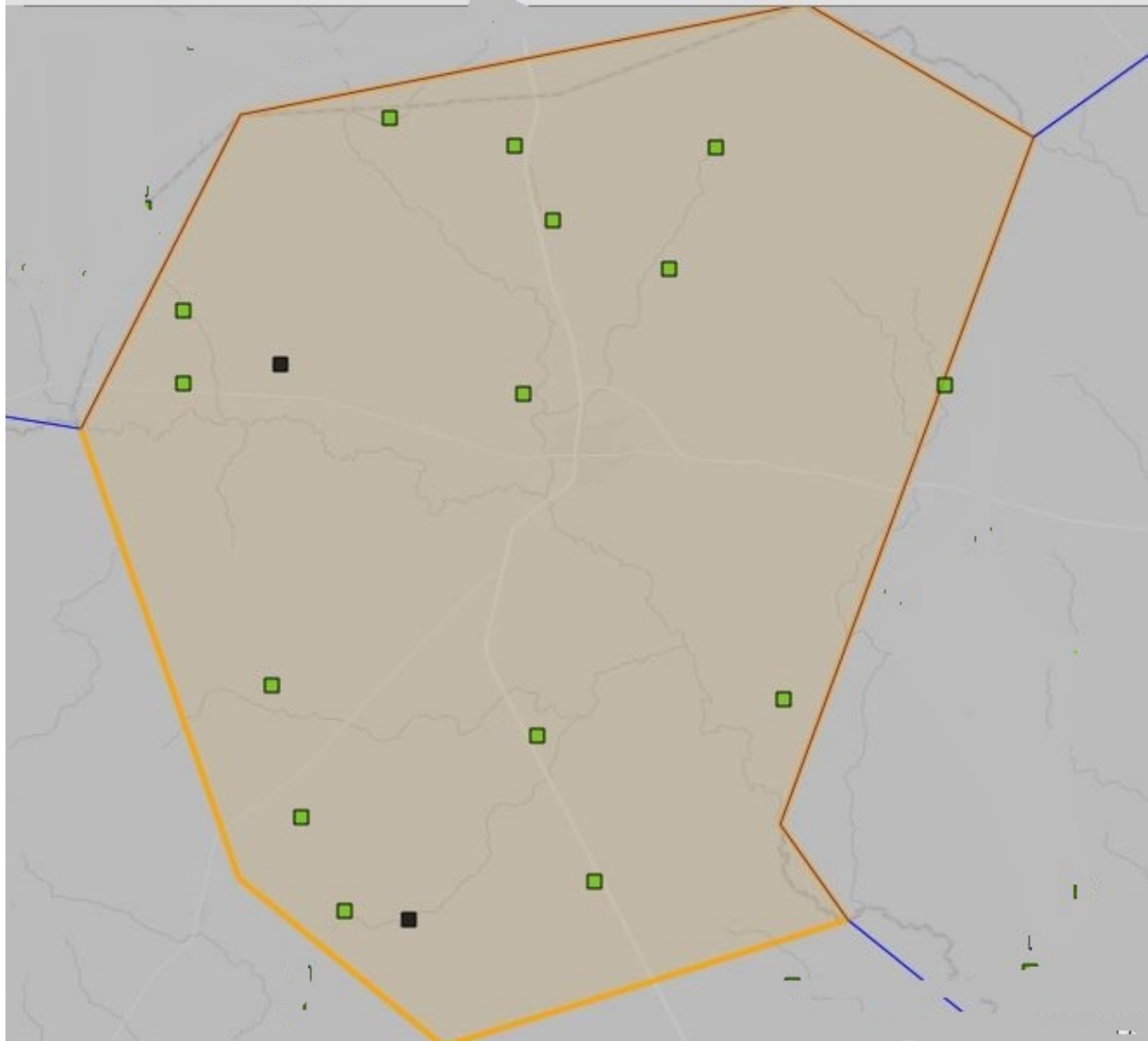
Dams are classified into three categories:

- High Hazard – Dams where failure or disoperation will probably cause loss of human life.
- Significant Hazard – Dams where failure or disoperation will probably not result in loss of life, but can cause economic loss, environmental damage, and disruption of lifeline facilities or other concerns.
- Low Hazard – Dams where failure or disoperation will probably not result in loss of life and cause only low economic and/or environmental loss.
- Undetermined Hazard - Hazard level has not been determined.

Based on the 2018 National Inventory of Dams there are 17 dams in Jenkins County where 15 are low hazard and two are classified as undetermined. The average dam age is 45 years and zero percent of the dams are regulated by state or federal agencies. The committee recognized the potential for losses caused by dam failure and identified it as a hazard requiring mitigation measures. To summarize, there are approximately 17,877 structures/properties in the county totaling more than \$704 million with a population of 8,340.

DAM_DESIGNER	PRIVATE_ DAM	DAM TYPE	CORE	FOUNDATI ON	PURPOSES	YEAR_ COMPLETED	HAZARD	EAP
USDA NRCS	N	RE	X	U	R	1965	L	NR
USDA NRCS	N	RE	X	U	R	1967	L	NR
UNKNOWN	N	RE	X	U	I	1978	L	NR
USDA NRCS	N	RE	X	U	R	1963	L	NR
UNKNOWN	N	RE	X	U	O		L	NR
UNKNOWN	N	RE	X	U	R	1960	L	NR
GRADY HENDLEY	N	RE	X	U	R	1960	L	NR
OLD STATE PARK SERVICE	N	RE	X	U	R	1942	L	NR
UNKNOWN	N	RE	X	U	R	1940	L	NR
SCS	N	RE	X	U	R	1978	L	NR
UNKNOWN	N	RE	X	U	R	1960	L	NR
JOYNER	N	RE	X	U	R		L	NR
CLAUD HOWARD	N	RE	X	U	R		L	NR
SCS	N	RE	X	U	R	1978	L	NR
UNKNOWN	N	RE	X	U	O		L	NR
UNKNOWN	N	RE	X	U	O		U	NR
NRCS	N	RE	X	U	O		U	NR

Jenkins County Dams



Hazard Potential Type

- High
- Significant
- Low
- Undetermined
- Not Available

Critical Facilities All

Name	Jurisdiction	Address	Facility/Types	Risk	Area	Structure Type	Year Construction	Stories	Building Value	Contents Description	Content value	Functional Use value	Daytime Occupancy	Nighttime Occupancy
Barney Overpass	Millen city	Barney Overpass	Government, Water/Sewer	Transportation	1500				3000000			0		
City of Millen Groundwater Elevated Tank #2	Millen city	112 Magnolia Ave	Government, Water/Sewer	Essential, Lifeline	250	Steel Braced Frame			750000			0		
City of Millen Groundwater Well #1	Millen city	130 Hendrick Street	Government, Water/Sewer	Essential, High Potential Loss, Important, Special Consideration	1000	Other Building Type	1942		500000			0	0	
City of Millen Groundwater Well #2	Millen city	338 Walnut Street	Government, Water/Sewer	Essential, Lifeline	200	Steel Moment Frame Reinforced			500000			0		0
City of Millen Natural Gas Regulation Station #1	Millen city	791 N Masonic Street	Government, Water/Sewer	High Potential Loss, Important	625	Masonry Bearing Walls with Wood or Metal Deck Diaphragms	1954		150000			0		0
City of Millen Natural Gas Regulation Station #2	Millen city	424 Perkins Road	Education, Government Offices	High Potential Loss, Important	600	Steel Moment Frame	1992		150000			0		0
City of Millen Natural Gas Regulator Station #3	Millen city		Government, Water/Sewer	Lifeline, Hazardous Materials, Important	200	Concrete Moment Frame Precast			150000			0		
City of Millen Wastewater Lift Station #2	Millen city	600 Palmer Row	Government, Water/Sewer	Essential, High Potential Loss, Important	1600	Concrete Frames with Cast-in-place Concrete Shear Walls Precast	1985		100000			0		1
City of Millen Wastewater Lift Station #3	Millen city	201 Evans Drive	Government, Water/Sewer	Essential, High Potential Loss, Important	1600	Concrete Frames with Cast-in-place Concrete Shear Walls	1995	1.0	100000			0		1
City of Millen Wastewater Treatment Plant	Millen city	202 Sweetwater Drive	Government, Water/Sewer	Essential, High Potential Loss, Important	20	Other Building Type Precast	1977		4000000			0		2
City of Millen Wastewater Lift Station #4	Millen city	300 S Masonic Street	Government, Water/Sewer	Economic Assets	160	Concrete Frames with Cast-in-place Concrete Shear Walls			90000			0		0
Herdon Bridge	Jenkins County	S Herdon Rd	Emergency Services, Fire Fighters	Transportation	2000				6000000			0		0
Jenkins Co. Health Dept.	Jenkins County	709 Virginia Avenue	Government, Water/Sewer	Essential	6213	Unknown Building Type	1996	1.0	1125000		150000	450000		8

Critical Facilities All

Name	Jurisdiction	Address	Facility/Types	Risk	Area	Structure Type	Year Construction	Stories	Building Value	Contents Description	Content value	Functional Use value	Daytime Occupancy	Nighttime Occupancy
JENKINS CO-CR54 PHASE 2 MSWL & C&D SITE	Jenkins County	County Road 54	Government, Water/Sewer	Hazardous Materials, Economic Assets	2000	Other Building Type			1000000			0		
Jenkins County Extension Office	Jenkins County	434 Barney Avenue	Government, Water/Sewer	Essential	4380	Steel Braced Frame		1.0	250000		25000	0	10	
Jenkins County Adult Learning Center	Jenkins County	210 Hendrix St	Government, Water/Sewer	Important	3300			1.0	125000		25000	0	25	
Jenkins County Ag Center	Jenkins County	434 barney Ave	Government, Water/Sewer	Essential	4160	Steel Braced Frame		1.0	150000		10000	0	4	
Jenkins County Annex Building	Jenkins County	833 E Winthroppe Avenue	Government, Water/Sewer	Essential, Important	7000			1.0	1200000		100000	500000	10	
Jenkins County BOE Office and Bus Shop	Jenkins County	1152 East Winthroppe Avenue	Emergency Services, Fire Fighters	Important	3500			1.0	1500000		300000	0	25	
Jenkins County Courthouse	Jenkins County	611 East Winthroppe Avenue	Government, Water/Sewer	Essential, Historic Consideration	13200	Unknown Building Type	1911	3.0	5500000		250000	2300000	15	
Jenkins County Elem School	Jenkins County	220 Landrum Drive	Education, K - 12	Essential, Vulnerable Population	200000	Steel Frame with Cast-In-Place Concrete Shear Walls		1.0	4500000		2500000	0	725	
Jenkins County EMS	Jenkins County	428 East Winthroppe Ave	Government, Water/Sewer	Essential, Lifeline, Important, Vulnerable Population	4800	Steel Braced Frame	2011	1.0	350000		750000	0	4	4
Jenkins County Fuel Station	Jenkins County	1158 Old Sylvania Road	NGO, Transportation	Essential, Transportation	1000	Other Building Type	1987	1.0	150000			0	0	
Jenkins County Headstart	Jenkins County	727 Virginia Av	Government, Water/Sewer	Important, Vulnerable Population	4000				800000		100000	0	45	
Jenkins County High School	Jenkins County	433 Barney Ave.	Education, K - 12	Essential, Vulnerable Population	201000	Unknown Building Type	1985	1.0	10500000		2500000	0	457	
Jenkins County Library	Jenkins County	233 N danile Street	Education, Library	Important	5700			1.0	600000		225000	0	20	
Jenkins County Maintenance Shop	Jenkins County	1158 Old Sylvania Road	NGO, Transportation	Transportation, Important	4750	Unknown Building Type	1974	1.0	114250		30000	0	14	
Jenkins County Middle School	Jenkins County	409 Barney Ave	Emergency Services, Fire Fighters	Important, Vulnerable Population	15000			1.0	9000000		2500000	0	387	
Jenkins County Roads and Bridges Office	Jenkins County	1158 Old Sylvania Road	Education, Library	Important	6000				75000		10000	0	2	
Jenkins County Senior Citizens Center	Jenkins County	998 College Avenue	Government, Water/Sewer	Important, Vulnerable Population	5288	Unknown Building Type	1986	1.0	1125000		50000	0	30	
Millen Public Works Office	Millen city	919 College Ave	Government, Water/Sewer	Important	3900				320000		33000	0	3	

Critical Facilities All

Name	Jurisdiction	Address	Facility/Types	Risk	Area	Structure Type	Year Construction	Stories	Building Value	Contents Description	Content value	Functional Use value	Daytime Occupancy	Nighttime Occupancy
Millen City Hall/ED/PD	Millen city	919 College Ave	Emergency Services, Fire Fighters	Essential	22000	Other Building Type		1.0	5500000		1500000		0	10
Millen Community House	Millen city	517 Cleveland Ave	Government, Water/Sewer	Important	5760				780000		50000		0	
Millen Elevated Tank #1	Millen city	336 Walnut St	Government, Water/Sewer	Essential, Lifeline	100				750000				0	
Millen Elevated Tank #4	Millen city		Government, Water/Sewer	Essential, Lifeline	250				750000				0	
Millen Gas System	Millen city		Government, Water/Sewer	Essential, Lifeline, Hazardous Materials	20000				3250000				0	
Millen Groundwater Elevated Tank #1	Millen city	336 Walnut Street	Government, Water/Sewer	Essential, Lifeline	200	Steel Braced Frame	1963		750000				0	
Millen Groundwater Well #3	Millen city	110 Magnolia Ave	Government, Water/Sewer	Essential, Lifeline	200	Steel Moment Frame			500000				0	
Millen Lift Station #1-A	Millen city	Sweetwater Dr	Government, Water/Sewer	Essential	150	Other Building Type			170000				0	
Millen Lift Station #1B	Millen city	Sweetwater Dr	Government, Water/Sewer	Essential, Lifeline	150				170000				0	
Millen Mechanic Shop	Millen city	919 College Avenue	Government, Water/Sewer	Important	4000				100000		50000		0	3
Millen Natural Gas Odorizer	Millen city	947 Hiltonia Hwy	Education, Government Offices	Essential	400	Other Building Type			100000				0	0
Millen Utility Warehouse	Millen city	123 Sweetwater Dr	Government, Water/Sewer	Important	4800				372000		280000		0	
Millen Wasterwater Lift Station #1	Millen city		Government, Water/Sewer	Essential, Lifeline	150	Other Building Type			170000				0	
Millen Well #4	Millen city	3330 Park ave	Water/Sewer	Essential, Lifeline	200				500000				0	
Millen-Jenkins County Airport	Jenkins County	4525 Highway 25 North	NGO, Transportation	Transportation, Important	384	Other Building Type	1964	1.0	6000000		1000000		0	0
North Jenkins Co. VFD #3	Jenkins County		Emergency Services, Fire Fighters	Essential	2000				70000		10000		0	
North Jenkins Co. Volunteer Fire Dept. #7	Jenkins County	618 N. Jones Plantation Road	Emergency Services, Fire Fighters	Essential, Important	1280	Unknown Building Type	2006	1.0	70000		10000		80000	0
Volunteer Fire Dept. #9	Jenkins County	1629 Perkins Greenfork Road	Emergency Services, Fire Fighters	Essential, Important	4200	Unknown Building Type	2004	2.0	80000		50000		150000	0
North Jenkins VFD #2	Jenkins County		Emergency Services, Fire Fighters	Essential	2600				80000		10000		0	0

Critical Facilities All

Name	Jurisdiction	Address	Facility/Types	Risk	Area	Structure Type	Year Construction	Stories	Building Value	Contents Description	Content value	Functional Use value	Daytime Occupancy	Nighttime Occupancy
Ogeechee Behavioral Health Services Mental Retardation Services	Jenkins County	1202 Old Sylvania Road	NGO, Transportation	Important, Vulnerable Population	3300		1978	1.0	250000		15000	0	20	
Solar Array #1	Millen city	338 Walnut Street	Government, Water/Sewer	Essential		Other Building Type			115000			0	0	
Solar Array #2	Millen city	110 Magnolia Street	Government, Water/Sewer	Essential		Other Building Type	216		50000			0	0	
Solar Array 3	Millen city	202 Sweetwater Rd	Government, Water/Sewer	Essential		Other Building Type	2016		865000			0	0	
South Jenkins Co. Volunteer Fire Dept. #5	Jenkins County	5225 Elam Road	Emergency Services, Fire Fighters	Essential	2400	Unknown Building Type	2006	1.0	162500		50000	0	0	
South Jenkins VFD #6	Jenkins County	4822 W Old Savannah Rd	Emergency Services, Fire Fighters	Essential	2000				110000		250000	0	0	
									75588750	0	12833000	3480000	1821	4

Drought

Drought conditions are identified by a prolonged period of moisture deficiency. Climatologists and hydrologists use five indicators of drought: rainfall, soil moisture, stream flows, lake levels and groundwater level. Drought conditions affect the cultivation of crops as well as water availability and water quality. Drought is also a key factor in wildfire development. Wildfire will be addressed in a separate HRV.

There have been 32 drought events in the county in the last 69 years. According to the EWG Farm Subsidies Database, from 1995-2019, there has been a total of \$9.88 million in disaster assistance. ***Historical data is available only for the county as a whole.*** Based on a 20-year cycle hazard history along with available data there is a 155% chance of an annual drought event in Jenkins County. In addition to an increased threat of wildfires, drought can affect municipal and industrial water supplies, stream-water quality, water recreation facilities, hydropower generation, as well as agricultural and forest resources.

In summary, for Jenkins County as a whole, there are a total of 4,754 agricultural/forestry properties valued at approximately \$341 million and include 7,348 heads of livestock and an estimated population of 164 which have the greatest potential to be damaged by drought. There is a population of 8,340 and approximately 17,186 structures/properties in the county with a value just slightly more than \$704 million which could be affected if wildfires break out as a result of drought conditions.

County	Details	Date	Type	PrD	CrD
County wide		5/1/1996	Drought	0	0
County wide		8/1/1999	Drought	0	0
County wide		9/1/1999	Drought	0	0
County wide		5/15/2000	Drought	0	0
County wide		6/1/2000	Drought	0	0
County wide		7/1/2000	Drought	0	0
County wide		8/1/2000	Drought	0	0
County wide		4/1/2001	Drought	0	0
County wide		5/1/2001	Drought	0	0
County wide		10/1/2001	Drought	0	0
County wide		11/1/2001	Drought	0	0
County wide		12/1/2001	Drought	0	0
County wide		1/1/2002	Drought	0	0
County wide		3/1/2002	Drought	0	0
County wide		4/1/2002	Drought	0	0
County wide		5/1/2002	Drought	0	0
County wide		6/1/2002	Drought	0	0
County wide		7/1/2002	Drought	0	0
County wide		8/1/2002	Drought	0	0
County wide		9/1/2002	Drought	0	0
County wide		8/1/2006	Drought		
County wide	Drought is ongoing and expected to last into the summer of 2008.	05/01/2007-	Drought		
County wide		9/1/2007	Drought		
County wide		10/1/2007	Drought		

County wide	<p>Drought conditions continued to worsen across north and central Georgia during November. Rainfall deficits continued to grow, with many locations across the north and central part of the state reporting rainfall deficits of 15 to 20 inches. With the exception of the Columbus area and the far northern part of the state, most of north and central Georgia received only about 50 percent of their normal rainfall during the month. Many lake and river levels across north and central Georgia continued near all time record low levels. Above ground water supplies were severely taxed. Lake Lanier in northeast Georgia, the main water source for metropolitan Atlanta reached a new record low level of 1052.63 feet on November 20th. This was the lowest reading recorded since December 24th of 1981, when a level of 1052.66 feet was observed. Lake Allatoona in northwest Georgia and West Point Lake in west central Georgia were also nearing record levels, but fell several feet short of record values. Significant water restrictions remained in place across many counties in north Georgia. Only a minor recovery from the record low stream gage levels recorded on creeks and rivers in north and central Georgia during October was noted, mainly as a result of reduced evaporation rates attending the late fall period.</p>	11/1/2007	Drought		
County wide	<p>Drought conditions persisted and actually continued to worsen during December. This was especially true during the first half of the month when unseasonably warm, dry weather prevailed across the region thanks to a large upper-level ridge of high pressure. Rainfall deficits continued to grow during this time and lake levels fell to record or near record low levels. Lake Lanier in northeast Georgia and the main water supply for the Atlanta metropolitan area, dropped to its lowest level in history on December 28, 2007 with a reading of 1050.75 feet. New records were set nearly every day after November 20th, when the previous record low-level of 1052.63 feet was reached. Lake Allatoona in northwest Georgia and West Point Lake in west central Georgia were also near record low levels, but never reached previously established record low levels. While rivers and streams remained near record low levels as well, lower evaporation rates and slightly better overall rainfall allowed minor rises at many locations. Significant water conservation measures were being implemented in many cities across north and central Georgia.</p>	12/1/2007	Drought		

County wide	Burke County declared Primary Natural Disaster Area from summer months of excessive heat and drought, which essentially began April 15, 2011. Crop loss was deemed at the 30 percent or greater level.	9/1/2011	Drought		
County wide	County declared Primary Natural Disaster Area from summer months of excessive heat and drought.	7/12/2012	Drought		
	Severe Drought last for five weeks.	8/18/2015	Drought		
County wide	Moderate drought lasted for five weeks	11/29/2016	Drought		
County wide	Moderate drought lasted for seven weeks	4/1/2018	Drought		
County wide	Moderate drought lasted for nine weeks	5/1/2019	Drought		

MapDate	County	None	D0	D1	D2	D3	D4
20190625	Jenkins County	2.1	97.9	0	0	0	0
20190618	Jenkins County	0	2.33	97.67	0	0	0
20190611	Jenkins County	0	0	100	0	0	0
20190604	Jenkins County	0	0	100	0	0	0
20190528	Jenkins County	0	0	100	0	0	0
20190521	Jenkins County	0	0	100	0	0	0
20190514	Jenkins County	0	0	100	0	0	0
20190507	Jenkins County	0	0	100	0	0	0
20190430	Jenkins County	0	0	100	0	0	0
20190423	Jenkins County	0	49.59	50.41	0	0	0
20190416	Jenkins County	0	49.59	50.41	0	0	0
20190409	Jenkins County	0	35.9	64.1	0	0	0
20190402	Jenkins County	0	0	100	0	0	0
20190326	Jenkins County	0	9.38	90.62	0	0	0
20190319	Jenkins County	0	46.93	53.07	0	0	0
20190312	Jenkins County	0	100	0	0	0	0
20190305	Jenkins County	4.8	95.2	0	0	0	0
20190226	Jenkins County	4.78	95.22	0	0	0	0
20190219	Jenkins County	100	0	0	0	0	0
20190212	Jenkins County	100	0	0	0	0	0
20190205	Jenkins County	100	0	0	0	0	0
20190129	Jenkins County	100	0	0	0	0	0
20190122	Jenkins County	100	0	0	0	0	0
20190115	Jenkins County	100	0	0	0	0	0
20190108	Jenkins County	100	0	0	0	0	0
20190101	Jenkins County	100	0	0	0	0	0
20181225	Jenkins County	100	0	0	0	0	0
20181218	Jenkins County	100	0	0	0	0	0
20181211	Jenkins County	100	0	0	0	0	0
20181204	Jenkins County	100	0	0	0	0	0
20181127	Jenkins County	96.46	3.54	0	0	0	0
20181120	Jenkins County	96.46	3.54	0	0	0	0
20181113	Jenkins County	45.42	54.58	0	0	0	0
20181106	Jenkins County	25.73	74.27	0	0	0	0
20181030	Jenkins County	0.08	99.92	0	0	0	0
20181023	Jenkins County	0.08	99.92	0	0	0	0
20181016	Jenkins County	0.08	99.92	0	0	0	0
20181009	Jenkins County	0	100	0	0	0	0
20181002	Jenkins County	0	100	0	0	0	0
20180925	Jenkins County	0	100	0	0	0	0
20180918	Jenkins County	87.06	12.94	0	0	0	0
20180911	Jenkins County	87.06	12.94	0	0	0	0
20180904	Jenkins County	96.18	3.82	0	0	0	0
20180828	Jenkins County	100	0	0	0	0	0
20180821	Jenkins County	100	0	0	0	0	0
20180814	Jenkins County	100	0	0	0	0	0

MapDate	County	None	D0	D1	D2	D3	D4
20180807	Jenkins County	100	0	0	0	0	0
20180731	Jenkins County	100	0	0	0	0	0
20180724	Jenkins County	100	0	0	0	0	0
20180717	Jenkins County	100	0	0	0	0	0
20180710	Jenkins County	100	0	0	0	0	0
20180703	Jenkins County	100	0	0	0	0	0
20180626	Jenkins County	100	0	0	0	0	0
20180619	Jenkins County	100	0	0	0	0	0
20180612	Jenkins County	100	0	0	0	0	0
20180605	Jenkins County	100	0	0	0	0	0
20180529	Jenkins County	100	0	0	0	0	0
20180522	Jenkins County	85.26	14.74	0	0	0	0
20180515	Jenkins County	0	74.54	25.46	0	0	0
20180508	Jenkins County	0	74.54	25.46	0	0	0
20180501	Jenkins County	0	74.54	25.46	0	0	0
20180424	Jenkins County	0	0	100	0	0	0
20180417	Jenkins County	0	0	100	0	0	0
20180410	Jenkins County	0	0	100	0	0	0
20180403	Jenkins County	0	0	100	0	0	0
20180327	Jenkins County	0	0	100	0	0	0
20180320	Jenkins County	0	6.1	93.9	0	0	0
20180313	Jenkins County	0	6.1	93.9	0	0	0
20180306	Jenkins County	0	100	0	0	0	0
20180227	Jenkins County	0	100	0	0	0	0
20180220	Jenkins County	0	100	0	0	0	0
20180213	Jenkins County	0	100	0	0	0	0
20180206	Jenkins County	0	100	0	0	0	0
20180130	Jenkins County	0	100	0	0	0	0
20180123	Jenkins County	0	100	0	0	0	0
20180116	Jenkins County	0	100	0	0	0	0
20180109	Jenkins County	0	100	0	0	0	0
20180102	Jenkins County	0	100	0	0	0	0
20171226	Jenkins County	0	100	0	0	0	0
20171219	Jenkins County	0	100	0	0	0	0
20171212	Jenkins County	0	100	0	0	0	0
20171205	Jenkins County	0	62.82	37.18	0	0	0
20171128	Jenkins County	51.07	21.9	27.02	0	0	0
20171121	Jenkins County	51.07	48.93	0	0	0	0
20171114	Jenkins County	51.07	48.93	0	0	0	0
20171107	Jenkins County	91.88	8.12	0	0	0	0
20171031	Jenkins County	91.88	8.12	0	0	0	0
20171024	Jenkins County	91.88	8.12	0	0	0	0
20171017	Jenkins County	91.29	8.71	0	0	0	0
20171010	Jenkins County	100	0	0	0	0	0
20171003	Jenkins County	100	0	0	0	0	0
20170926	Jenkins County	100	0	0	0	0	0

MapDate	County	None	D0	D1	D2	D3	D4
20170919	Jenkins County	100	0	0	0	0	0
20170912	Jenkins County	100	0	0	0	0	0
20170905	Jenkins County	100	0	0	0	0	0
20170829	Jenkins County	100	0	0	0	0	0
20170822	Jenkins County	100	0	0	0	0	0
20170815	Jenkins County	100	0	0	0	0	0
20170808	Jenkins County	100	0	0	0	0	0
20170801	Jenkins County	100	0	0	0	0	0
20170725	Jenkins County	100	0	0	0	0	0
20170718	Jenkins County	96.44	3.56	0	0	0	0
20170711	Jenkins County	96.44	3.56	0	0	0	0
20170704	Jenkins County	96.44	3.56	0	0	0	0
20170627	Jenkins County	92.06	7.94	0	0	0	0
20170620	Jenkins County	92.06	7.94	0	0	0	0
20170613	Jenkins County	92.06	7.94	0	0	0	0
20170606	Jenkins County	9.33	90.67	0	0	0	0
20170530	Jenkins County	0	19.28	80.72	0	0	0
20170523	Jenkins County	0	15.21	84.79	0	0	0
20170516	Jenkins County	0	23.01	76.99	0	0	0
20170509	Jenkins County	0	30.11	69.89	0	0	0
20170502	Jenkins County	0	30.11	69.89	0	0	0
20170425	Jenkins County	0	30.11	69.89	0	0	0
20170418	Jenkins County	0	12.36	87.64	0	0	0
20170411	Jenkins County	0	100	0	0	0	0
20170404	Jenkins County	0	100	0	0	0	0
20170328	Jenkins County	0	100	0	0	0	0
20170321	Jenkins County	5.12	94.88	0	0	0	0
20170314	Jenkins County	100	0	0	0	0	0
20170307	Jenkins County	100	0	0	0	0	0
20170228	Jenkins County	100	0	0	0	0	0
20170221	Jenkins County	100	0	0	0	0	0
20170214	Jenkins County	100	0	0	0	0	0
20170207	Jenkins County	100	0	0	0	0	0
20170131	Jenkins County	100	0	0	0	0	0
20170124	Jenkins County	100	0	0	0	0	0
20170117	Jenkins County	0	100	0	0	0	0
20170110	Jenkins County	0	100	0	0	0	0
20170103	Jenkins County	0	100	0	0	0	0
20161227	Jenkins County	0	2.92	97.08	0	0	0
20161220	Jenkins County	0	2.92	97.08	0	0	0
20161213	Jenkins County	0	2.92	97.08	0	0	0
20161206	Jenkins County	0	0	100	0	0	0
20161129	Jenkins County	0	0	100	0	0	0
20161122	Jenkins County	0	100	0	0	0	0
20161115	Jenkins County	38.34	61.66	0	0	0	0
20161108	Jenkins County	38.34	61.66	0	0	0	0

MapDate	County	None	D0	D1	D2	D3	D4
20161101	Jenkins County	100	0	0	0	0	0
20161025	Jenkins County	100	0	0	0	0	0
20161018	Jenkins County	100	0	0	0	0	0
20161011	Jenkins County	100	0	0	0	0	0
20161004	Jenkins County	100	0	0	0	0	0
20160927	Jenkins County	100	0	0	0	0	0
20160920	Jenkins County	100	0	0	0	0	0
20160913	Jenkins County	100	0	0	0	0	0
20160906	Jenkins County	100	0	0	0	0	0
20160830	Jenkins County	0	100	0	0	0	0
20160823	Jenkins County	0	100	0	0	0	0
20160816	Jenkins County	100	0	0	0	0	0
20160809	Jenkins County	100	0	0	0	0	0
20160802	Jenkins County	100	0	0	0	0	0
20160726	Jenkins County	100	0	0	0	0	0
20160719	Jenkins County	100	0	0	0	0	0
20160712	Jenkins County	100	0	0	0	0	0
20160705	Jenkins County	100	0	0	0	0	0
20160628	Jenkins County	100	0	0	0	0	0
20160621	Jenkins County	100	0	0	0	0	0
20160614	Jenkins County	100	0	0	0	0	0
20160607	Jenkins County	100	0	0	0	0	0
20160531	Jenkins County	94.85	5.15	0	0	0	0
20160524	Jenkins County	25.79	74.21	0	0	0	0
20160517	Jenkins County	0	100	0	0	0	0
20160510	Jenkins County	0	100	0	0	0	0
20160503	Jenkins County	0	100	0	0	0	0
20160426	Jenkins County	100	0	0	0	0	0
20160419	Jenkins County	100	0	0	0	0	0
20160412	Jenkins County	100	0	0	0	0	0
20160405	Jenkins County	100	0	0	0	0	0
20160329	Jenkins County	100	0	0	0	0	0
20160322	Jenkins County	100	0	0	0	0	0
20160315	Jenkins County	100	0	0	0	0	0
20160308	Jenkins County	100	0	0	0	0	0
20160301	Jenkins County	100	0	0	0	0	0
20160223	Jenkins County	100	0	0	0	0	0
20160216	Jenkins County	100	0	0	0	0	0
20160209	Jenkins County	100	0	0	0	0	0
20160202	Jenkins County	100	0	0	0	0	0
20160126	Jenkins County	100	0	0	0	0	0
20160119	Jenkins County	100	0	0	0	0	0
20160112	Jenkins County	100	0	0	0	0	0
20160105	Jenkins County	100	0	0	0	0	0
20151229	Jenkins County	100	0	0	0	0	0
20151222	Jenkins County	100	0	0	0	0	0

MapDate	County	None	D0	D1	D2	D3	D4
20151215	Jenkins County	100	0	0	0	0	0
20151208	Jenkins County	100	0	0	0	0	0
20151201	Jenkins County	100	0	0	0	0	0
20151124	Jenkins County	100	0	0	0	0	0
20151117	Jenkins County	100	0	0	0	0	0
20151110	Jenkins County	100	0	0	0	0	0
20151103	Jenkins County	35.55	64.45	0	0	0	0
20151027	Jenkins County	5.23	31.01	63.75	0	0	0
20151020	Jenkins County	5.23	31.01	63.75	0	0	0
20151013	Jenkins County	5.23	30.94	63.82	0	0	0
20151006	Jenkins County	5.23	30.94	63.82	0	0	0
20150929	Jenkins County	0	0	100	0	0	0
20150922	Jenkins County	0	0	100	0	0	0
20150915	Jenkins County	0	0	6.27	93.73	0	0
20150908	Jenkins County	0	0	6.27	93.73	0	0
20150901	Jenkins County	0	0	11.38	88.62	0	0
20150825	Jenkins County	0	0	11.38	88.62	0	0
20150818	Jenkins County	0	0	11.38	88.62	0	0
20150811	Jenkins County	0	0	100	0	0	0
20150804	Jenkins County	0	0	100	0	0	0
20150728	Jenkins County	0	61.88	38.12	0	0	0
20150721	Jenkins County	0	62.41	37.59	0	0	0
20150714	Jenkins County	0	100	0	0	0	0
20150707	Jenkins County	0	100	0	0	0	0
20150630	Jenkins County	0	100	0	0	0	0
20150623	Jenkins County	0	100	0	0	0	0
20150616	Jenkins County	100	0	0	0	0	0
20150609	Jenkins County	100	0	0	0	0	0
20150602	Jenkins County	100	0	0	0	0	0
20150526	Jenkins County	100	0	0	0	0	0
20150519	Jenkins County	100	0	0	0	0	0
20150512	Jenkins County	100	0	0	0	0	0
20150505	Jenkins County	100	0	0	0	0	0
20150428	Jenkins County	100	0	0	0	0	0
20150421	Jenkins County	100	0	0	0	0	0
20150414	Jenkins County	100	0	0	0	0	0
20150407	Jenkins County	100	0	0	0	0	0
20150331	Jenkins County	100	0	0	0	0	0
20150324	Jenkins County	100	0	0	0	0	0
20150317	Jenkins County	100	0	0	0	0	0
20150310	Jenkins County	100	0	0	0	0	0
20150303	Jenkins County	100	0	0	0	0	0
20150224	Jenkins County	100	0	0	0	0	0
20150217	Jenkins County	100	0	0	0	0	0
20150210	Jenkins County	100	0	0	0	0	0
20150203	Jenkins County	100	0	0	0	0	0

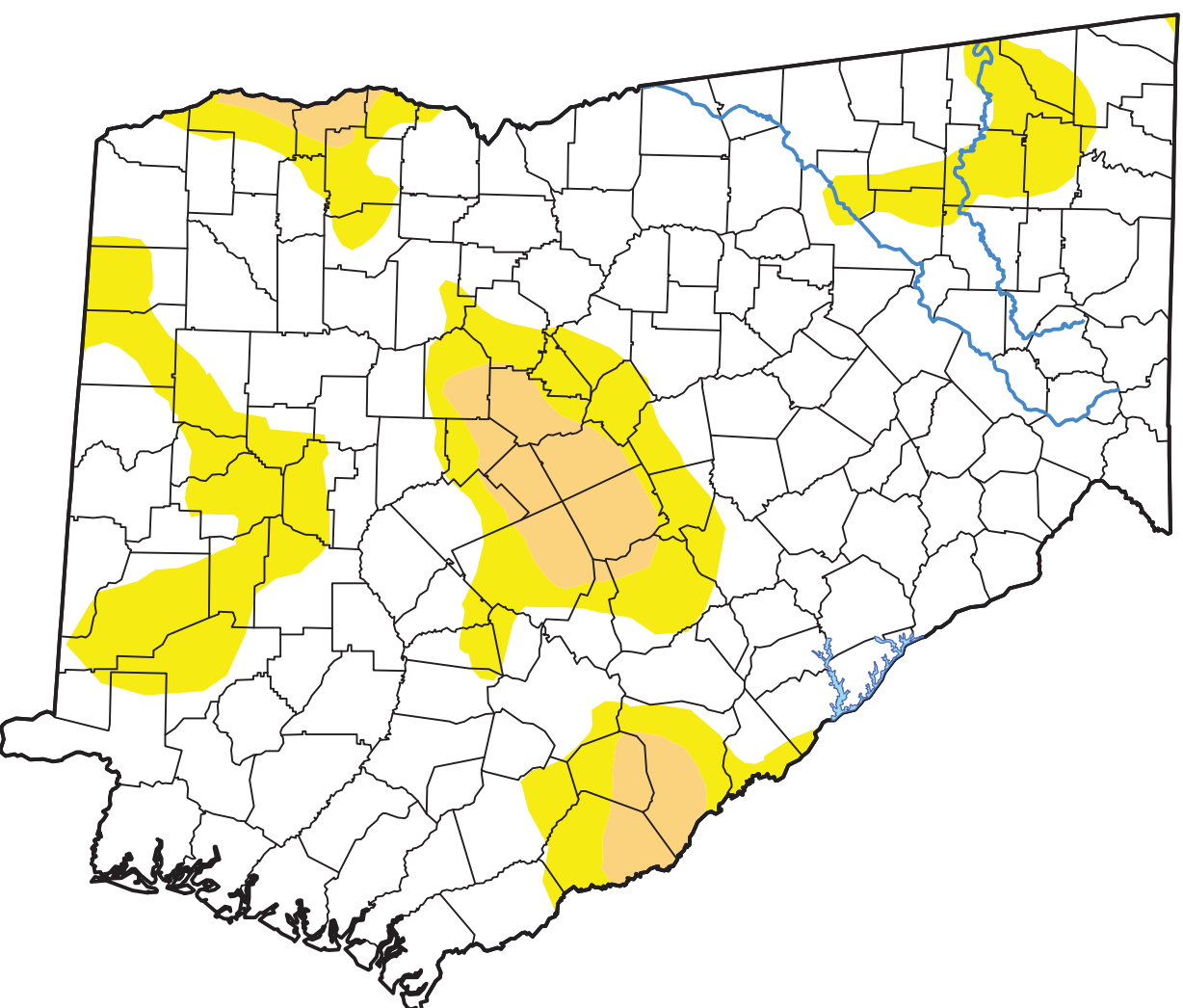
MapDate	County	None	D0	D1	D2	D3	D4
20150127	Jenkins County	100	0	0	0	0	0
20150120	Jenkins County	100	0	0	0	0	0
20150113	Jenkins County	100	0	0	0	0	0
20150106	Jenkins County	100	0	0	0	0	0
20141230	Jenkins County	100	0	0	0	0	0
20141223	Jenkins County	73.78	26.22	0	0	0	0
20141216	Jenkins County	73.78	26.22	0	0	0	0
20141209	Jenkins County	73.78	26.22	0	0	0	0
20141202	Jenkins County	76.63	23.37	0	0	0	0
20141125	Jenkins County	76.96	23.04	0	0	0	0
20141118	Jenkins County	0.7	77.48	21.82	0	0	0
20141111	Jenkins County	45.8	52.58	1.63	0	0	0
20141104	Jenkins County	45.8	52.58	1.63	0	0	0
20141028	Jenkins County	45.8	54.2	0	0	0	0
20141021	Jenkins County	45.8	54.2	0	0	0	0
20141014	Jenkins County	71.77	28.23	0	0	0	0
20141007	Jenkins County	70.86	29.14	0	0	0	0
20140930	Jenkins County	37.41	62.59	0	0	0	0
20140923	Jenkins County	37.41	62.59	0	0	0	0
20140916	Jenkins County	37.41	62.59	0	0	0	0
20140909	Jenkins County	37.41	62.59	0	0	0	0
20140902	Jenkins County	37.41	62.59	0	0	0	0
20140826	Jenkins County	100	0	0	0	0	0
20140819	Jenkins County	100	0	0	0	0	0
20140812	Jenkins County	100	0	0	0	0	0
20140805	Jenkins County	100	0	0	0	0	0
20140729	Jenkins County	100	0	0	0	0	0
20140722	Jenkins County	100	0	0	0	0	0
20140715	Jenkins County	100	0	0	0	0	0
20140708	Jenkins County	100	0	0	0	0	0
20140701	Jenkins County	100	0	0	0	0	0
20140624	Jenkins County	100	0	0	0	0	0
20140617	Jenkins County	100	0	0	0	0	0
20140610	Jenkins County	100	0	0	0	0	0
20140603	Jenkins County	100	0	0	0	0	0
20140527	Jenkins County	100	0	0	0	0	0
20140520	Jenkins County	100	0	0	0	0	0
20140513	Jenkins County	100	0	0	0	0	0
20140506	Jenkins County	100	0	0	0	0	0
20140429	Jenkins County	100	0	0	0	0	0
20140422	Jenkins County	100	0	0	0	0	0
20140415	Jenkins County	100	0	0	0	0	0
20140408	Jenkins County	100	0	0	0	0	0
20140401	Jenkins County	100	0	0	0	0	0
20140325	Jenkins County	100	0	0	0	0	0
20140318	Jenkins County	100	0	0	0	0	0

MapDate	County	None	D0	D1	D2	D3	D4
20140311	Jenkins County	100	0	0	0	0	0
20140304	Jenkins County	100	0	0	0	0	0
20140225	Jenkins County	100	0	0	0	0	0
20140218	Jenkins County	100	0	0	0	0	0
20140211	Jenkins County	100	0	0	0	0	0
20140204	Jenkins County	100	0	0	0	0	0
20140128	Jenkins County	100	0	0	0	0	0
20140121	Jenkins County	100	0	0	0	0	0
20140114	Jenkins County	100	0	0	0	0	0
20140107	Jenkins County	100	0	0	0	0	0
20131231	Jenkins County	100	0	0	0	0	0
20131224	Jenkins County	12.27	87.73	0	0	0	0
20131217	Jenkins County	12.27	87.73	0	0	0	0
20131210	Jenkins County	12.27	87.73	0	0	0	0
20131203	Jenkins County	0	100	0	0	0	0
20131126	Jenkins County	0	100	0	0	0	0
20131119	Jenkins County	0	100	0	0	0	0
20131112	Jenkins County	2.21	97.79	0	0	0	0
20131105	Jenkins County	1.04	98.96	0	0	0	0
20131029	Jenkins County	1.04	98.96	0	0	0	0
20131022	Jenkins County	1.04	98.96	0	0	0	0
20131015	Jenkins County	100	0	0	0	0	0
20131008	Jenkins County	100	0	0	0	0	0
20131001	Jenkins County	100	0	0	0	0	0
20130924	Jenkins County	100	0	0	0	0	0
20130917	Jenkins County	100	0	0	0	0	0
20130910	Jenkins County	100	0	0	0	0	0
20130903	Jenkins County	100	0	0	0	0	0
20130827	Jenkins County	100	0	0	0	0	0
20130820	Jenkins County	100	0	0	0	0	0
20130813	Jenkins County	100	0	0	0	0	0
20130806	Jenkins County	100	0	0	0	0	0
20130730	Jenkins County	100	0	0	0	0	0
20130723	Jenkins County	100	0	0	0	0	0
20130716	Jenkins County	100	0	0	0	0	0
20130709	Jenkins County	100	0	0	0	0	0
20130702	Jenkins County	100	0	0	0	0	0
20130625	Jenkins County	100	0	0	0	0	0
20130618	Jenkins County	100	0	0	0	0	0
20130611	Jenkins County	100	0	0	0	0	0
20130604	Jenkins County	100	0	0	0	0	0
20130528	Jenkins County	100	0	0	0	0	0
20130521	Jenkins County	100	0	0	0	0	0
20130514	Jenkins County	100	0	0	0	0	0
20130507	Jenkins County	100	0	0	0	0	0
20130430	Jenkins County	100	0	0	0	0	0

MapDate	County	None	D0	D1	D2	D3	D4
20130423	Jenkins County	100	0	0	0	0	0
20130416	Jenkins County	100	0	0	0	0	0
20130409	Jenkins County	100	0	0	0	0	0
20130402	Jenkins County	100	0	0	0	0	0
20130326	Jenkins County	100	0	0	0	0	0
20130319	Jenkins County	0	100	0	0	0	0
20130312	Jenkins County	0	87.08	12.92	0	0	0
20130305	Jenkins County	0	87.08	12.92	0	0	0
20130226	Jenkins County	0	10.57	76.5	12.92	0	0
20130219	Jenkins County	0	0	10.32	75.19	14.49	0
20130212	Jenkins County	0	0	10.32	72.75	16.93	0
20130205	Jenkins County	0	0	0	83.07	16.93	0
20130129	Jenkins County	0	0	0	83.07	16.93	0
20130122	Jenkins County	0	0	0	100	0	0
20130115	Jenkins County	0	0	0	100	0	0
20130108	Jenkins County	0	0	0	100	0	0
20130101	Jenkins County	0	0	0	100	0	0
20121225	Jenkins County	0	0	0	100	0	0
20121218	Jenkins County	0	0	0	100	0	0
20121211	Jenkins County	0	0	0	100	0	0
20121204	Jenkins County	0	0	0	100	0	0
20121127	Jenkins County	0	0	0	100	0	0
20121120	Jenkins County	0	0	2.48	97.52	0	0
20121113	Jenkins County	0	0	15.75	84.25	0	0
20121106	Jenkins County	0	0	100	0	0	0
20121030	Jenkins County	0	0	100	0	0	0
20121023	Jenkins County	0	100	0	0	0	0
20121016	Jenkins County	0	100	0	0	0	0
20121009	Jenkins County	87.83	12.17	0	0	0	0
20121002	Jenkins County	87.83	12.17	0	0	0	0
20120925	Jenkins County	87.83	12.17	0	0	0	0
20120918	Jenkins County	87.83	12.17	0	0	0	0
20120911	Jenkins County	87.83	12.17	0	0	0	0
20120904	Jenkins County	93.05	6.95	0	0	0	0
20120828	Jenkins County	93.05	6.95	0	0	0	0
20120821	Jenkins County	0	0	100	0	0	0
20120814	Jenkins County	0	0	100	0	0	0
20120807	Jenkins County	0	0	66.48	33.52	0	0
20120731	Jenkins County	0	0	66.48	33.52	0	0
20120724	Jenkins County	0	0	66.48	33.52	0	0
20120717	Jenkins County	0	0	66.48	33.52	0	0
20120710	Jenkins County	0	0	24.36	75.64	0	0
20120703	Jenkins County	0	0	24.36	75.64	0	0
20120626	Jenkins County	0	0	80.71	19.29	0	0
20120619	Jenkins County	0	0	80.71	19.29	0	0
20120612	Jenkins County	0	0	0	100	0	0







U.S. Drought Monitor Georgia

August 6, 2019
(Released Thursday, Aug. 8, 2019)
Valid 8 a.m. EDT



Drought Conditions (Percent Area)					
	None	D0-D4	D1-D4	D2-D4	D3-D4 D4
Current	75.77	24.23	5.50	0.00	0.00
Last Week 07-30-2019	76.37	23.63	4.25	0.05	0.00
3 Months Ago 05-07-2019	29.58	70.42	18.24	0.00	0.00
Start of Calendar Year 01-01-2019	100.00	0.00	0.00	0.00	0.00
Start of Water Year 09-25-2018	70.95	29.05	6.72	0.00	0.00
One Year Ago 08-07-2018	100.00	0.00	0.00	0.00	0.00

Intensity:

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

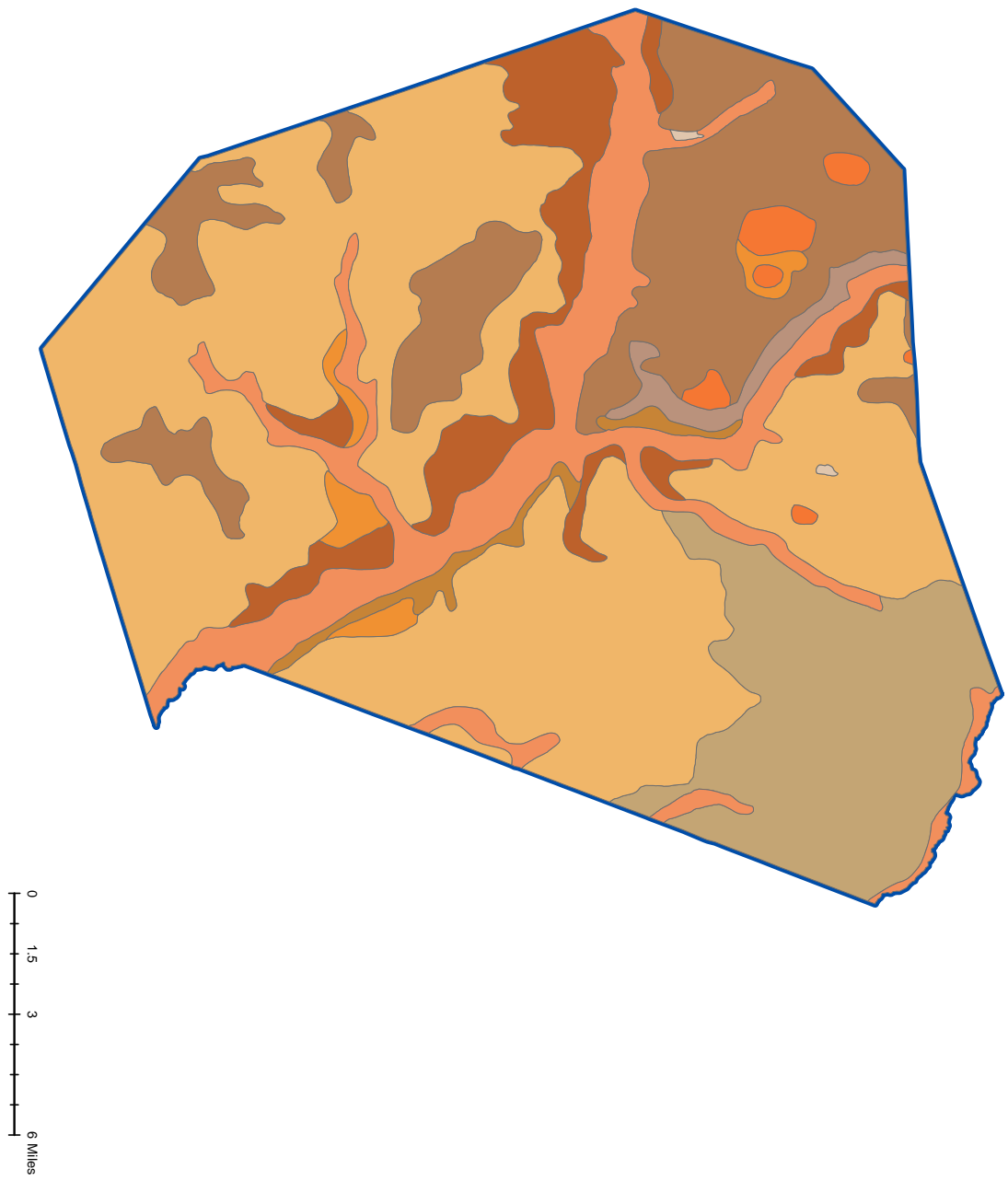
The Drought Monitor focuses on broad-scale conditions.
Local conditions may vary. See accompanying text summary
for forecast statements.

Author:

Richard Tinker
CPC/NOAA/NWS/NCEP







Jenkins County Soil Map

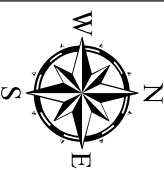


Legend

 Jenkins County

Soils

-  Cowarts-Sawyer-Susquehanna
-  Dothan-Orangeburg-Tifton
-  Dunbar-Bladen-Rains
-  Esto-Sawyer-Susquehanna
-  Grady-Plummer
-  Kershaw-Plummer
-  Meggett-Rains-Bibb-Webb-Adkee
-  Norfolk-Tifton-Fuquay
-  Troup-Fuquay-Dothan
-  Water



Central Savannah River Area
Regional Commission
GIS Department
3023 River Watch Parkway, Suite A
Augusta, GA 30907-2016
www.csrarc.ga.gov

Critical Facilities All

Name	Jurisdiction	Address	Facility/Types	Risk	Area	Structure Type	Year Construction	Stories	Building Value	Contents Description	Content value	Functional Use value	Daytime Occupancy	Nighttime Occupancy
Barney Overpass	Millen city	Barney Overpass	Government, Water/Sewer	Transportation	1500				3000000			0		
City of Millen Groundwater Elevated Tank #2	Millen city	112 Magnolia Ave	Government, Water/Sewer	Essential, Lifeline	250	Steel Braced Frame			750000			0		
City of Millen Groundwater Well #1	Millen city	130 Hendrick Street	Government, Water/Sewer	Essential, High Potential Loss, Important, Special Consideration	1000	Other Building Type	1942		500000			0	0	
City of Millen Groundwater Well #2	Millen city	338 Walnut Street	Government, Water/Sewer	Essential, Lifeline	200	Steel Moment Frame Reinforced			500000			0		0
City of Millen Natural Gas Regulation Station #1	Millen city	791 N Masonic Street	Government, Water/Sewer	High Potential Loss, Important	625	Masonry Bearing Walls with Wood or Metal Deck Diaphragms	1954		150000			0		0
City of Millen Natural Gas Regulation Station #2	Millen city	424 Perkins Road	Education, Government Offices	High Potential Loss, Important	600	Steel Moment Frame	1992		150000			0		0
City of Millen Natural Gas Regulator Station #3	Millen city		Government, Water/Sewer	Lifeline, Hazardous Materials, Important	200	Concrete Moment Frame Precast			150000			0		
City of Millen Wastewater Lift Station #2	Millen city	600 Palmer Row	Government, Water/Sewer	Essential, High Potential Loss, Important	1600	Concrete Frames with Cast-in-place Concrete Shear Walls Precast	1985		100000			0		1
City of Millen Wastewater Lift Station #3	Millen city	201 Evans Drive	Government, Water/Sewer	Essential, High Potential Loss, Important	1600	Concrete Frames with Cast-in-place Concrete Shear Walls	1995	1.0	100000			0		1
City of Millen Wastewater Treatment Plant	Millen city	202 Sweetwater Drive	Government, Water/Sewer	Essential, High Potential Loss, Important	20	Other Building Type Precast	1977		4000000			0		2
City of Millen Wastewater Lift Station #4	Millen city	300 S Masonic Street	Government, Water/Sewer	Economic Assets	160	Concrete Frames with Cast-in-place Concrete Shear Walls			90000			0		0
Herdon Bridge	Jenkins County	S Herdon Rd	Emergency Services, Fire Fighters	Transportation	2000				6000000			0		0
Jenkins Co. Health Dept.	Jenkins County	709 Virginia Avenue	Government, Water/Sewer	Essential	6213	Unknown Building Type	1996	1.0	1125000		150000	450000		8

Critical Facilities All

Name	Jurisdiction	Address	Facility/Types	Risk	Area	Structure Type	Year Construction	Stories	Building Value	Contents Description	Content value	Functional Use value	Daytime Occupancy	Nighttime Occupancy
JENKINS CO-CR54 PHASE 2 MSWL & C&D SITE	Jenkins County	County Road 54	Government, Water/Sewer	Hazardous Materials, Economic Assets	2000	Other Building Type			1000000			0		
Jenkins County Extension Office	Jenkins County	434 Barney Avenue	Government, Water/Sewer	Essential	4380	Steel Braced Frame		1.0	250000		25000	0	10	
Jenkins County Adult Learning Center	Jenkins County	210 Hendrix St	Government, Water/Sewer	Important	3300			1.0	125000		25000	0	25	
Jenkins County Ag Center	Jenkins County	434 barney Ave	Government, Water/Sewer	Essential	4160	Steel Braced Frame		1.0	150000		10000	0	4	
Jenkins County Annex Building	Jenkins County	833 E Winthroppe Avenue	Government, Water/Sewer	Essential, Important	7000			1.0	1200000		100000	500000	10	
Jenkins County BOE Office and Bus Shop	Jenkins County	1152 East Winthroppe Avenue	Emergency Services, Fire Fighters	Important	3500			1.0	1500000		300000	0	25	
Jenkins County Courthouse	Jenkins County	611 East Winthroppe Avenue	Government, Water/Sewer	Essential, Historic Consideration	13200	Unknown Building Type	1911	3.0	5500000		250000	2300000	15	
Jenkins County Elem School	Jenkins County	220 Landrum Drive	Education, K - 12	Essential, Vulnerable Population	200000	Steel Frame with Cast-In-Place Concrete Shear Walls		1.0	4500000		2500000	0	725	
Jenkins County EMS	Jenkins County	428 East Winthroppe Ave	Government, Water/Sewer	Essential, Lifeline, Important, Vulnerable Population	4800	Steel Braced Frame	2011	1.0	350000		750000	0	4	4
Jenkins County Fuel Station	Jenkins County	1158 Old Sylvania Road	NGO, Transportation	Essential, Transportation	1000	Other Building Type	1987	1.0	150000			0	0	
Jenkins County Headstart	Jenkins County	727 Virginia Av	Government, Water/Sewer	Important, Vulnerable Population	4000				800000		100000	0	45	
Jenkins County High School	Jenkins County	433 Barney Ave.	Education, K - 12	Essential, Vulnerable Population	201000	Unknown Building Type	1985	1.0	10500000		2500000	0	457	
Jenkins County Library	Jenkins County	233 N danile Street	Education, Library	Important	5700			1.0	600000		225000	0	20	
Jenkins County Maintenance Shop	Jenkins County	1158 Old Sylvania Road	NGO, Transportation	Transportation, Important	4750	Unknown Building Type	1974	1.0	114250		30000	0	14	
Jenkins County Middle School	Jenkins County	409 Barney Ave	Emergency Services, Fire Fighters	Important, Vulnerable Population	15000			1.0	9000000		2500000	0	387	
Jenkins County Roads and Bridges Office	Jenkins County	1158 Old Sylvania Road	Education, Library	Important	6000				75000		10000	0	2	
Jenkins County Senior Citizens Center	Jenkins County	998 College Avenue	Government, Water/Sewer	Important, Vulnerable Population	5288	Unknown Building Type	1986	1.0	1125000		50000	0	30	
Millen Public Works Office	Millen city	919 College Ave	Government, Water/Sewer	Important	3900				320000		33000	0	3	

Critical Facilities All

Name	Jurisdiction	Address	Facility/Types	Risk	Area	Structure Type	Year Construction	Stories	Building Value	Contents Description	Content value	Functional Use value	Daytime Occupancy	Nighttime Occupancy
Millen City Hall/ED/PD	Millen city	919 College Ave	Emergency Services, Fire Fighters	Essential	22000	Other Building Type		1.0	5500000		1500000		0	10
Millen Community House	Millen city	517 Cleveland Ave	Government, Water/Sewer	Important	5760				780000		50000		0	
Millen Elevated Tank #1	Millen city	336 Walnut St	Government, Water/Sewer	Essential, Lifeline	100				750000				0	
Millen Elevated Tank #4	Millen city		Government, Water/Sewer	Essential, Lifeline	250				750000				0	
Millen Gas System	Millen city		Government, Water/Sewer	Essential, Lifeline, Hazardous Materials	20000				3250000				0	
Millen Groundwater Elevated Tank #1	Millen city	336 Walnut Street	Government, Water/Sewer	Essential, Lifeline	200	Steel Braced Frame	1963		750000				0	
Millen Groundwater Well #3	Millen city	110 Magnolia Ave	Government, Water/Sewer	Essential, Lifeline	200	Steel Moment Frame			500000				0	
Millen Lift Station #1-A	Millen city	Sweetwater Dr	Government, Water/Sewer	Essential	150	Other Building Type			170000				0	
Millen Lift Station #1B	Millen city	Sweetwater Dr	Government, Water/Sewer	Essential, Lifeline	150				170000				0	
Millen Mechanic Shop	Millen city	919 College Avenue	Government, Water/Sewer	Important	4000				100000		50000		0	3
Millen Natural Gas Odorizer	Millen city	947 Hiltonia Hwy	Education, Government Offices	Essential	400	Other Building Type			100000				0	0
Millen Utility Warehouse	Millen city	123 Sweetwater Dr	Government, Water/Sewer	Important	4800				372000		280000		0	
Millen Wasterwater Lift Station #1	Millen city		Government, Water/Sewer	Essential, Lifeline	150	Other Building Type			170000				0	
Millen Well #4	Millen city	3330 Park ave	Water/Sewer	Essential, Lifeline	200				500000				0	
Millen-Jenkins County Airport	Jenkins County	4525 Highway 25 North	NGO, Transportation	Transportation, Important	384	Other Building Type	1964	1.0	6000000		1000000		0	0
North Jenkins Co. VFD #3	Jenkins County		Emergency Services, Fire Fighters	Essential	2000				70000		10000		0	
North Jenkins Co. Volunteer Fire Dept. #7	Jenkins County	618 N. Jones Plantation Road	Emergency Services, Fire Fighters	Essential, Important	1280	Unknown Building Type	2006	1.0	70000		10000		80000	0
Volunteer Fire Dept. #9	Jenkins County	1629 Perkins Greenfork Road	Emergency Services, Fire Fighters	Essential, Important	4200	Unknown Building Type	2004	2.0	80000		50000		150000	0
North Jenkins VFD #2	Jenkins County		Emergency Services, Fire Fighters	Essential	2600				80000		10000		0	0

Critical Facilities All

Name	Jurisdiction	Address	Facility/Types	Risk	Area	Structure Type	Year Construction	Stories	Building Value	Contents Description	Content value	Functional Use value	Daytime Occupancy	Nighttime Occupancy
Ogeechee Behavioral Health Services Mental Retardation Services	Jenkins County	1202 Old Sylvania Road	NGO, Transportation	Important, Vulnerable Population	3300		1978	1.0	250000		15000	0	20	
Solar Array #1	Millen city	338 Walnut Street	Government, Water/Sewer	Essential		Other Building Type			115000			0	0	
Solar Array #2	Millen city	110 Magnolia Street	Government, Water/Sewer	Essential		Other Building Type	216		50000			0	0	
Solar Array 3	Millen city	202 Sweetwater Rd	Government, Water/Sewer	Essential		Other Building Type	2016		865000			0	0	
South Jenkins Co. Volunteer Fire Dept. #5	Jenkins County	5225 Elam Road	Emergency Services, Fire Fighters	Essential	2400	Unknown Building Type	2006	1.0	162500		50000	0	0	
South Jenkins VFD #6	Jenkins County	4822 W Old Savannah Rd	Emergency Services, Fire Fighters	Essential	2000				110000		250000	0	0	
									75588750	0	12833000	3480000	1821	4

Wildfire

Jenkins County is comprised of 225,782 acres with acres 52,956 (23.5 percent) dedicated to agricultural and 144,450 acres (64 percent) dedicated to forestry. Given the right weather conditions and variables, wildfire due to natural causes creates a potential threat to the lives and property of residents in the planning area. According to Georgia Forestry data, from 1957 to 2018, there have been 3,594 fire events burning a total of 22,057 acres for an average extent of 6.14 acres. Based on a 20-year hazard cycle there is a 4,035 percent chance of an annual event.

The GMIS has one critical facilities with a hazard score of four (high), 32 with a hazards score of three (moderate), five with a hazard score of 2 (low) and eight with a hazard score of one (very low probability). The remaining 10 critical facilities have a hazard score of zero. The 46 critical facilities with a wildfire hazard score greater than zero have an estimated potential loss of more than \$56.2 million. The loss for all critical facilities is \$75,588,750. According to FEMA Worksheet #3a there are 17,186 structures/properties with a population of 8,340 with a value of slightly more than \$704 million worth of assets countywide..

Fire by Cause and Number per Year

CY	TOTAL	LIGHT	MACHI	CAMP	SMOKE	DEBRI	ARSON	RAIL	CHILD	MISC	D-RES	D-AG	D-SIT	D-HOU	D-LC	D-XRX	D-OTH
1957	81	0	0	6	13	42	19	1	0	0							
1958	75	0	1	8	7	34	18	0	0	7							
1959	56	0	1	4	4	24	20	0	0	3							
1960	50	1	1	8	3	18	13	3	0	3							
1961	74	0	3	5	9	30	15	4	0	8							
1962	49	1	1	3	5	24	12	3	0	0							
1963	107	0	6	3	17	21	54	6	0	0							
1964	56	2	0	1	12	15	15	11	0	0							
1965	59	2	2	4	11	20	15	5	0	0							
1966	92	0	1	2	16	25	33	15	0	0							
1967	93	0	3	1	23	25	28	13	0	0							
1968	105	0	1	1	19	40	39	5	0	0							
1969	56	1	4	0	7	23	12	9	0	0							
1970	116	1	4	0	21	37	46	7	0	0							
1971	58	0	5	2	7	19	23	2	0	0							
1972	56	0	0	3	5	26	18	4	0	0							
1973	44	0	4	1	7	8	17	7	0	0							
1974	74	0	4	3	7	21	27	12	0	0							
1975	32	0	0	0	4	13	12	1	1	1							
1976	78	0	3	1	10	28	32	0	2	2							
1977	82	1	1	4	6	29	24	0	4	13							
1978	86	1	3	0	9	29	38	0	1	5							
1979	60	0	0	0	1	16	40	0	0	3							
1980	69	2	2	0	0	19	40	0	1	5							
1981	91	4	10	1	0	18	53	0	0	5							
1982	47	0	1	0	0	21	24	0	0	1							
1983	49	0	4	1	0	18	22	1	0	3							
1984	99	0	4	2	1	50	28	0	0	14							
1985	73	1	1	1	1	38	25	0	1	5							
1986	76	1	10	0	2	20	33	2	1	7							
1987	49	2	2	1	0	18	23	1	0	2	0	0	0	0	0	0	0
1988	82	3	7	0	1	32	35	0	0	4	0	0	0	0	0	0	0
1989	56	0	6	0	0	29	16	2	0	3	0	0	0	0	0	0	0

Fire by Cause and Number per Year

CY	TOTAL	LIGHT	MACHI	CAMP	SMOKE	DEBRI	ARSON	RAIL	CHILD	MISC	D-RES	D-AG	D-SIT	D-HOU	D-LC	D-XRX	D-OTH
1990	56	4	8	0	1	17	16	0	2	8	0	0	0	0	0	0	0
1991	48	1	6	1	0	21	12	0	3	4	0	0	0	0	0	0	0
1992	38	2	3	1	0	14	11	1	1	5	0	0	0	0	0	0	0
1993	60	4	7	1	0	25	18	1	0	4	0	0	0	0	0	0	0
1994	37	0	4	0	0	22	9	0	0	2	0	0	0	0	0	0	0
1995	58	5	11	0	1	27	11	0	2	1	0	0	0	0	0	0	0
1996	64	0	6	0	2	38	14	1	1	2	0	0	0	0	0	0	0
1997	50	0	8	2	0	31	7	0	1	1	0	0	0	0	0	0	0
1998	46	3	6	1	0	14	19	0	1	2	0	0	0	0	0	0	0
1999	68	0	10	0	0	46	11	0	0	1	0	0	0	0	0	0	0
2000	59	1	13	0	0	31	7	0	1	6	0	0	0	0	0	0	0
2001	82	4	7	2	0	40	17	8	0	4	0	0	0	0	0	0	0
2002	70	8	3	0	1	37	16	0	3	2	0	0	0	0	0	0	0
2003	32	0	8	0	0	10	11	0	0	3	3	2	0	0	0	5	0
2004	67	1	7	0	0	35	22	0	1	1	15	9	3	0	2	6	0
2005	43	0	7	0	0	18	13	0	2	3	5	6	1	0	2	4	0
2006	59	5	16	1	0	23	11	0	0	3	5	4	2	1	0	11	0
2007	51	5	8	0	1	21	9	0	0	7	6	4	3	0	1	6	1
2008	28	2	6	0	0	11	8	0	0	1	4	3	2	0	1	1	0
2009	22	0	4	0	0	12	6	0	0	0	2	2	2	0	1	4	1
2010	18	2	1	2	0	8	4	0	0	1	4	0	1	0	1	1	1
2011	48	4	8	0	0	14	14	0	1	7	2	3	2	0	0	7	0
2012	25	3	3	1	1	12	2	0	1	2	3	1	1	0	0	7	0
2013	18	0	0	0	0	12	3	0	0	3	4	0	0	0	1	7	0
2014	25	0															
2015	14	3															
2016	28	0															
2017	27	1															
2018	23	0															

Fire by Cause and Acres burned per annually

CY	TOTAL	LIGHT	MACHI	CAMP	SMOKE	DEBRI	ARSON	RAIL	CHILD	MISC	D-RES	D-AG	D-SIT	D-HOU	D-LC	D-XRX	D-OTH
1957	1305.75	0	0	107	78.75	713	405.5	1.5	0	0							
1958	968.60	0.00	35.00	59.60	49.75	502.10	241.95	0.00	0.00	80.20							
1959	600.80	0.00	4.00	22.00	66.20	276.40	217.10	0.00	0.00	15.10							
1960	680.60	0.50	9.00	268.60	21.00	105.00	145.10	12.50	0.00	118.90							
1961	842.76	0.00	89.30	58.60	63.60	363.00	88.70	63.10	0.00	116.46							
1962	505.87	0.01	0.60	26.50	10.91	374.63	92.12	1.10	0.00	0.00							
1963	858.83	0.00	89.70	6.52	85.99	81.88	466.72	128.02	0.00	0.00							
1964	377.01	2.20	0.00	6.20	39.42	52.35	175.35	101.49	0.00	0.00							
1965	358.53	11.45	1.70	11.04	65.98	127.33	119.89	21.14	0.00	0.00							
1966	585.91	0.00	1.60	8.20	122.18	173.45	202.04	78.44	0.00	0.00							
1967	744.55	0.00	11.30	61.60	178.18	324.70	90.52	78.25	0.00	0.00							
1968	815.82	0.00	18.18	3.85	56.52	480.54	221.35	35.38	0.00	0.00							
1969	452.30	9.47	10.70	0.00	16.13	267.75	47.30	100.95	0.00	0.00							
1970	688.52	21.56	4.17	0.00	209.94	263.17	171.63	18.05	0.00	0.00							
1971	458.00	0.00	8.46	33.07	62.37	99.22	254.42	0.46	0.00	0.00							
1972	429.42	0.00	0.00	134.98	18.83	101.85	119.93	53.83	0.00	0.00							
1973	210.38	0.00	6.27	1.68	43.43	15.71	118.23	25.06	0.00	0.00							
1974	358.40	0.00	1.06	3.18	19.74	123.83	199.83	10.76	0.00	0.00							
1975	205.68	0.00	0.00	0.00	7.27	49.44	144.66	0.80	0.06	3.45							
1976	458.86	0.00	35.95	1.26	23.14	183.44	194.62	0.00	2.74	17.71							
1977	491.17	2.63	1.47	8.33	52.35	239.21	138.69	0.00	5.92	42.57							
1978	501.22	8.13	0.12	0.00	19.72	264.06	181.74	0.00	6.00	21.45							
1979	553.27	0.00	0.00	0.00	4.80	202.32	340.45	0.00	0.00	5.70							
1980	335.39	28.27	34.14	0.00	0.00	98.45	165.26	0.00	3.34	5.93							
1981	387.49	48.00	33.80	0.08	0.00	74.94	222.42	0.00	0.00	8.25							
1982	172.22	0.00	0.10	0.00	0.00	100.63	71.05	0.00	0.00	0.44							
1983	366.90	0.00	14.57	1.83	0.00	222.27	110.95	16.11	0.00	1.17							
1984	611.77	0.00	7.53	27.10	1.71	224.15	337.65	0.00	0.00	13.63							
1985	696.33	8.98	13.67	3.09	0.12	360.93	300.26	0.00	0.71	8.57							
1986	178.77	6.39	15.95	0.00	0.50	98.06	51.20	0.92	0.02	5.73							
1987	178.06	10.03	1.94	0.66	0.00	53.48	107.78	0.10	0.00	4.07							
1988	388.93	28.08	2.96	0.00	12.87	136.94	199.19	0.00	0.50	8.39							
1989	179.99	0.00	16.83	0.00	0.00	103.43	58.55	0.25	0.00	0.93							
1990	204.37	32.83	34.28	0.00	5.24	70.20	46.30	0.00	14.33	1.19							
1991	269.44	0.17	52.55	0.14	0.00	125.01	54.94	0.00	3.33	33.30							

Fire by Cause and Acres burned per annually

1957	1305.75	0	0	107	78.75	713	405.5	1.5	0	0									
1992	304.56	46.85	0.50	5.50	0.00	110.77	98.20	0.10	1.09	41.55									
1993	295.15	29.06	22.24	2.40	0.00	88.12	136.72	1.27	0.64	14.70									
1994	137.02	0.00	1.12	0.00	0.00	100.44	33.96	0.00	0.00	1.50									
1995	234.05	30.43	42.68	0.00	0.03	120.51	39.83	0.00	0.56	0.01									
1996	177.33	0.00	23.06	0.00	6.96	128.09	13.98	0.26	4.96	0.02									
1997	293.90	0.00	0.72	6.97	0.00	94.36	180.03	0.00	3.79	8.03									
1998	210.76	6.89	41.53	0.83	0.00	92.02	62.15	0.00	6.76	0.58									
1999	214.82	0.00	4.68	0.00	0.00	105.11	81.25	0.00	23.63	0.15									
2000	248.98	2.96	51.99	0.00	0.00	108.83	79.19	0.00	0.19	5.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2001	211.28	4.70	4.74	0.18	0.00	147.72	37.26	0.83	0.00	15.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2002	224.23	33.86	3.29	0.00	13.96	135.77	35.09	0.00	1.29	0.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2003	64.85	0.00	18.56	0.00	0.00	27.29	17.48	0.00	0.00	1.52	10.66	1.83	0.00	0.00	0.00	0.00	14.80	0.00	0.00
2004	227.48	2.30	3.06	0.00	0.00	148.49	58.88	0.00	0.25	14.50	43.16	80.15	4.26	0.00	1.38	19.54	0.00	0.00	0.00
2005	114.48	0.00	1.12	0.00	0.00	76.49	31.93	0.00	3.43	1.51	52.75	9.35	1.70	0.00	2.19	10.50	0.00	0.00	0.00
2006	221.25	61.16	42.97	4.21	0.00	65.42	44.95	0.00	0.00	2.54	20.85	18.19	1.69	0.96	0.00	23.73	0.00	0.00	0.00
2007	116.15	8.76	4.55	0.00	0.13	72.49	16.42	0.00	0.00	13.80	7.37	22.24	2.83	0.00	4.80	35.00	0.25	0.00	0.00
2008	100.86	12.00	10.78	0.00	0.00	58.66	18.92	0.00	0.00	0.50	34.00	11.36	1.00	0.00	1.30	11.00	0.00	0.00	0.00
2009	60.79	0.00	10.93	0.00	0.00	24.60	25.26	0.00	0.00	0.00	2.60	4.00	2.25	0.00	1.90	12.12	1.73	0.00	0.00
2010	104.83	14.85	5.00	7.20	0.00	37.48	36.30	0.00	0.00	4.00	18.66	0.00	6.20	0.00	0.52	11.00	1.10	0.00	0.00
2011	311.01	9.73	22.75	0.00	0.00	66.40	206.19	0.00	0.40	5.54	8.50	25.10	5.90	0.00	0.00	26.90	0.00	0.00	0.00
2012	127.80	9.00	3.20	0.10	0.70	77.50	30.70	0.00	4.20	2.40	11.00	1.20	6.60	0.00	0.00	58.70	0.00	0.00	0.00
2013	68.50	0.00	0.00	0.00	0.00	55.90	10.30	0.00	0.00	2.30	11.30	0.00	0.00	0.00	0.50	44.10	0.00	0.00	0.00
2014	102.59	0.00	0.00	0.00	0.00	76.40	0.01	0.00	0.00	26.18	2.40	17.7							
2015	31.61	0.21	5.14	0.32	0.00	6.60	0.00	0.00	0.00	19.34	4.58	0.0							
2016	138.07	0.00	1.70	0.00	0.64	84.75	45.90	0.00	0.00	5.08	1.00	2.0							
2017	129.93	0.65	5.04	0.00	0.00	72.74	48.91	0.00	0.00	2.59	7.44	0.0							
2018	163.01	0.00	0.90	0.00	0.00	76.79	83.82	0.00	0.00	1.50	8.25	0.0							

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Critical Facilities Wildfire Hazard Score

Jurisdiction	Name	Hazard Score	Value	Building size	Content value	Functional Use value	Facility type	Risk	Daytime Occupancy	Nighttime Occupancy
Millen city	Millen Natural Gas Odorizer	4	100000	400		0 Offices	Education, Government	Essential	0	
Millen city	Barney Overpass	3	3000000	1500		0 Water/Sewer	Government, Water/Sewer	Transportation		
Millen city	City of Millen Groundwater Elevated Tank #2	3	750000	250		0 Government, Water/Sewer	Government, Water/Sewer	Essential, Lifeline		
	City of Millen Groundwater Well #1	3	500000	1000		0 Government, Water/Sewer	Government, Water/Sewer	Essential, High Potential Loss, Important, Special Consideration	0	
Millen city	City of Millen Groundwater Well #2	3	500000	200		0 Government, Water/Sewer	Government, Water/Sewer	Essential, Lifeline	0	
	City of Millen Natural Gas Regulation Station #1	3	150000	625		0 Government, Water/Sewer	Government, Water/Sewer	High Potential Loss, Important	0	
Millen city	City of Millen Natural Gas Regulation Station #2	3	150000	600		0 Education, Government Offices	Education, Government	High Potential Loss, Important	0	
	City of Millen Wastewater Lift Station #3	3	100000	1600		0 Government, Water/Sewer	Government, Water/Sewer	High Potential Loss, Important	1	
Millen city	City of Millen Wastewater Treatment Plant	3	4000000	20		0 Government, Water/Sewer	Government, Water/Sewer	High Potential Loss, Important	2	

Critical Facilities Wildfire Hazard Score

Jurisdiction	Name	Hazard Score	Value	Building size	Content value	Functional Use value	Facility type	Risk	Daytime Occupancy	Nighttime Occupancy
Millen city	City of Millen Wastewater Lift Station #4	3	90000	160		0	Government, Water/Sewer	Economic Assets	0	
Millen city	Millen City Hall/FD/PD	3	5500000	22000	1500000	0	Emergency Services, Fire Fighters	Essential	10	
Millen city	Millen Elevated Tank #1	3	750000	100		0	Government, Water/Sewer	Essential, Lifeline		
Millen city	Groundwater Elevated Tank #1	3	750000	200		0	Government, Water/Sewer	Essential, Lifeline		
Millen city	Millen Lift Station #1-A	3	170000	150		0	Government, Water/Sewer	Essential		
Millen city	Millen Wastewater Lift Station #1	3	170000	150		0	Government, Water/Sewer	Essential, Lifeline		
Millen city	Millen Well #4	3	500000	200		0	Government, Water/Sewer	Essential, Lifeline		
Millen city	Solar Array #1	3	115000			0	Water/Sewer	Essential	0	
Millen city	Solar Array #2	3	50000			0	Water/Sewer	Essential	0	
Millen city	Millen Public Works Office	2	320000	3900	33000	0	Government, Water/Sewer	Important	3	
Millen city	Millen Gas System	2	3250000	20000		0	Government, Water/Sewer	Lifeline, Hazardous Materials		
Millen city	Millen Lift Station #1B	2	170000	150		0	Water/Sewer	Essential, Lifeline		
Millen city	Millen Utility Warehouse	2	372000	4800	280000	0	Water/Sewer	Important		

Critical Facilities Wildfire Hazard Score

Jurisdiction	Name	Hazard Score	Value	Building size	Content value	Functional Use value	Facility type	Risk	Daytime Occupancy	Nighttime Occupancy
Millen city	City of Millen Natural Gas Regulator Station #3	1	150000	200		0	Government, Water/Sewer	Lifeline, Hazardous Materials, Important		
Millen city	Millen Groundwater Well #3	1	500000	200		0	Government, Water/Sewer	Essential, Lifeline		
Millen city	Solar Array 3	1	865000			0	Water/Sewer	Essential	0	
Millen city	City of Millen Wastewater Lift Station #2	0	100000	1600		0	Government, Water/Sewer	High Potential Loss, Important	1	
Millen city	Millen Community House	0	780000	5760	50000	0	Government, Water/Sewer	Important		
Millen city	Millen Elevated Tank #4	0	750000	250		0	Government, Water/Sewer	Essential, Lifeline		
Millen city	Millen Mechanic Shop	0	100000	4000	50000	0	Government, Water/Sewer	Important	3	
Jenkins County	Jenkins Co. Health Dept. JENKINS CO-	3	1125000	6213	150000	450000	Government, Water/Sewer	Essential	8	
Jenkins County	CR54 PHASE 2 MSWL & C&D SITE	3	1000000	2000		0	Government, Water/Sewer	Hazardous Materials, Economic Assets		
Jenkins County	Jenkins County Adult Learning Center	3	125000	3300	25000	0	Government, Water/Sewer	Important	25	
Jenkins County	Jenkins County Annex Building	3	1200000	7000	100000	500000	Government, Water/Sewer	Essential, Important	10	

Critical Facilities Wildfire Hazard Score

Jurisdiction	Name	Hazard Score	Value	Building size	Content value	Functional Use value	Facility type	Risk	Daytime Occupancy	Nighttime Occupancy
Jenkins County	Jenkins County BOE Office and Bus Shop	3	1500000	3500	300000		Emergency Services, Fire 0 Fighters	Important, Essential,	25	
Jenkins County	Jenkins County Courthouse	3	5500000	13200	250000	2300000	Government, Water/Sewer	Essential, Historic Consideration	15	
Jenkins County	Jenkins County Elem School	3	4500000	200000	2500000		Education, K - 12	Essential, Vulnerable Population	725	
Jenkins County	Jenkins County EMS	3	350000	4800	750000		Government, Water/Sewer	Lifeline, Important, Vulnerable Population	4	4
Jenkins County	Jenkins County Fuel Station	3	150000	1000			NGO, Transportation	Essential, Transportation	0	
Jenkins County	Jenkins County Headstart	3	800000	4000	100000		Government, Water/Sewer	Important, Vulnerable Population	45	
Jenkins County	Jenkins County Maintenance Shop	3	114250	4750	30000		NGO, Transportation	Transportation, Important	14	
Jenkins County	Jenkins County Middle School	3	9000000	15000	2500000		Emergency Services, Fire 0 Fighters	Important, Vulnerable Population	387	
Jenkins County	Jenkins County Roads and Bridges Office	3	75000	6000	10000		Education, Library	Important	2	
Jenkins County	North Jenkins Co. Volunteer Fire Dept. #9	3	80000	4200	50000	150000	Emergency Services, Fire Fighters	Essential, Important	0	

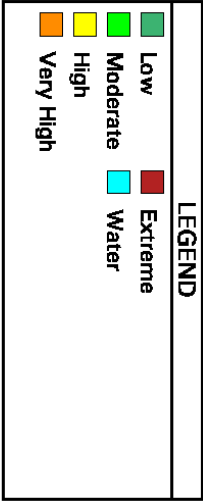
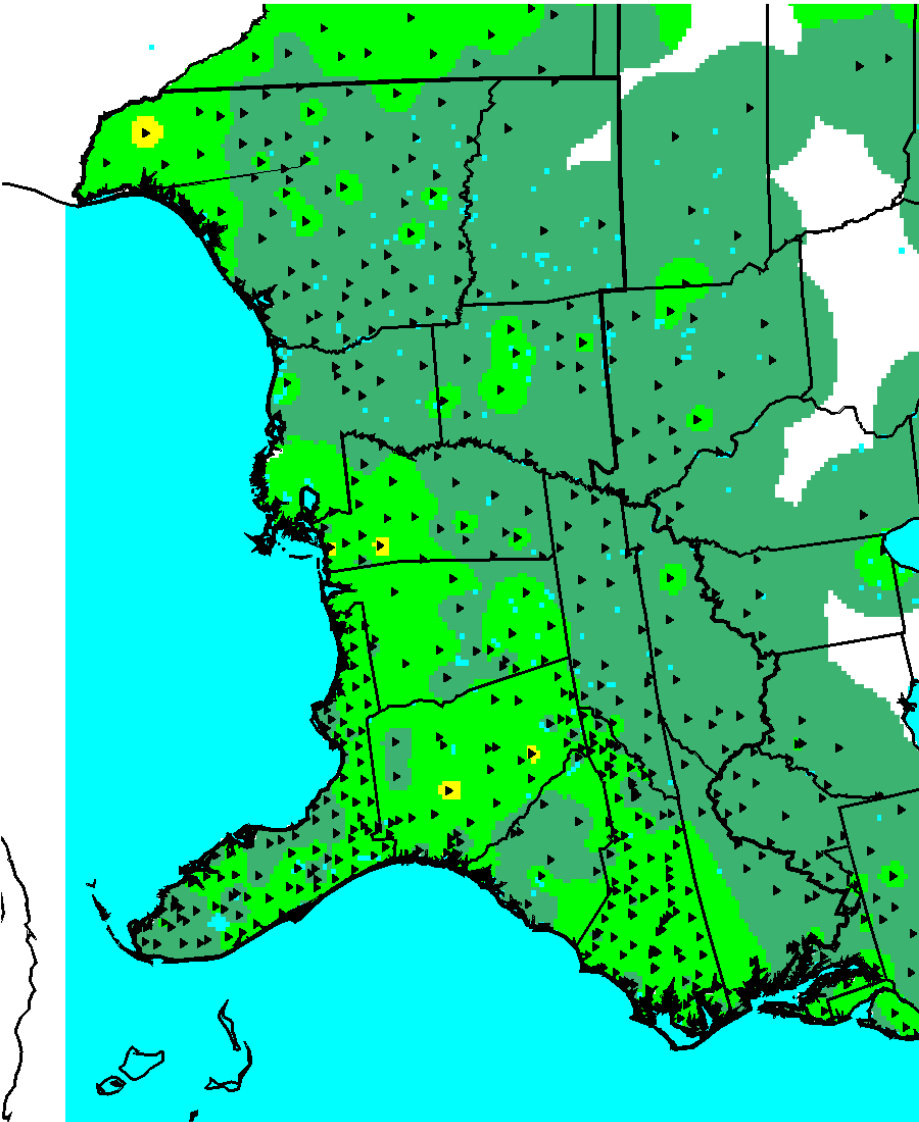
Critical Facilities Wildfire Hazard Score

Jurisdiction	Name	Hazard Score	Value	Building size	Content value	Functional Use value	Facility type	Risk	Daytime Occupancy	Nighttime Occupancy
Jenkins County	Ogeechee Behavioral Health Services Mental Retardation Services	3	250000	3300	15000	0	NGO, Transportation	Important, Vulnerable Population	20	
Jenkins County	Jenkins County Senior Citizens Center	2	1125000	5288	50000	0	Government, Water/Sewer	Important, Vulnerable Population	30	
Jenkins County	Herdon Bridge North Jenkins Co. Volunteer Fire Dept. #7	1	6000000	2000		0	Emergency Services, Fire Fighters	Transportation	0	
Jenkins County	North Jenkins VFD #2	1	80000	2600	10000	0	Emergency Services, Fire Fighters	Essential, Important	0	
Jenkins County	South Jenkins Co. Volunteer Fire Dept. #5	1	162500	2400	50000	0	Emergency Services, Fire Fighters	Essential	0	
Jenkins County	South Jenkins VFD #6	1	110000	2000	250000	0	Emergency Services, Fire Fighters	Essential	0	
Jenkins County	Jenkins County Extension Office	0	250000	4380	25000	0	Government, Water/Sewer	Essential	10	
Jenkins County	Jenkins County Ag Center	0	150000	4160	10000	0	Government, Water/Sewer	Essential	4	
Jenkins County	Jenkins County High School	0	10500000	201000	2500000	0	Education, K - 12	Essential, Vulnerable Population	457	

Critical Facilities Wildfire Hazard Score

Jurisdiction	Name	Hazard Score	Value	Building size	Content value	Functional Use value	Facility type	Risk	Daytime Occupancy	Nighttime Occupancy
Jenkins County	Jenkins County Library	0	600000	5700	225000	0	Education, Library	Important	20	
Jenkins County	Millen-Jenkins County Airport	0	6000000	384	1000000	0	NGO, Transportation	Transportation, Important	0	
Jenkins County	North Jenkins Co. VFD #3	0	70000	2000	10000	0	Emergency Services, Fire Fighters	Essential		
			75588750	581470	12833000	3480000			1821	4

Southern Area Observed Fire Danger Class: 09-Jul-19

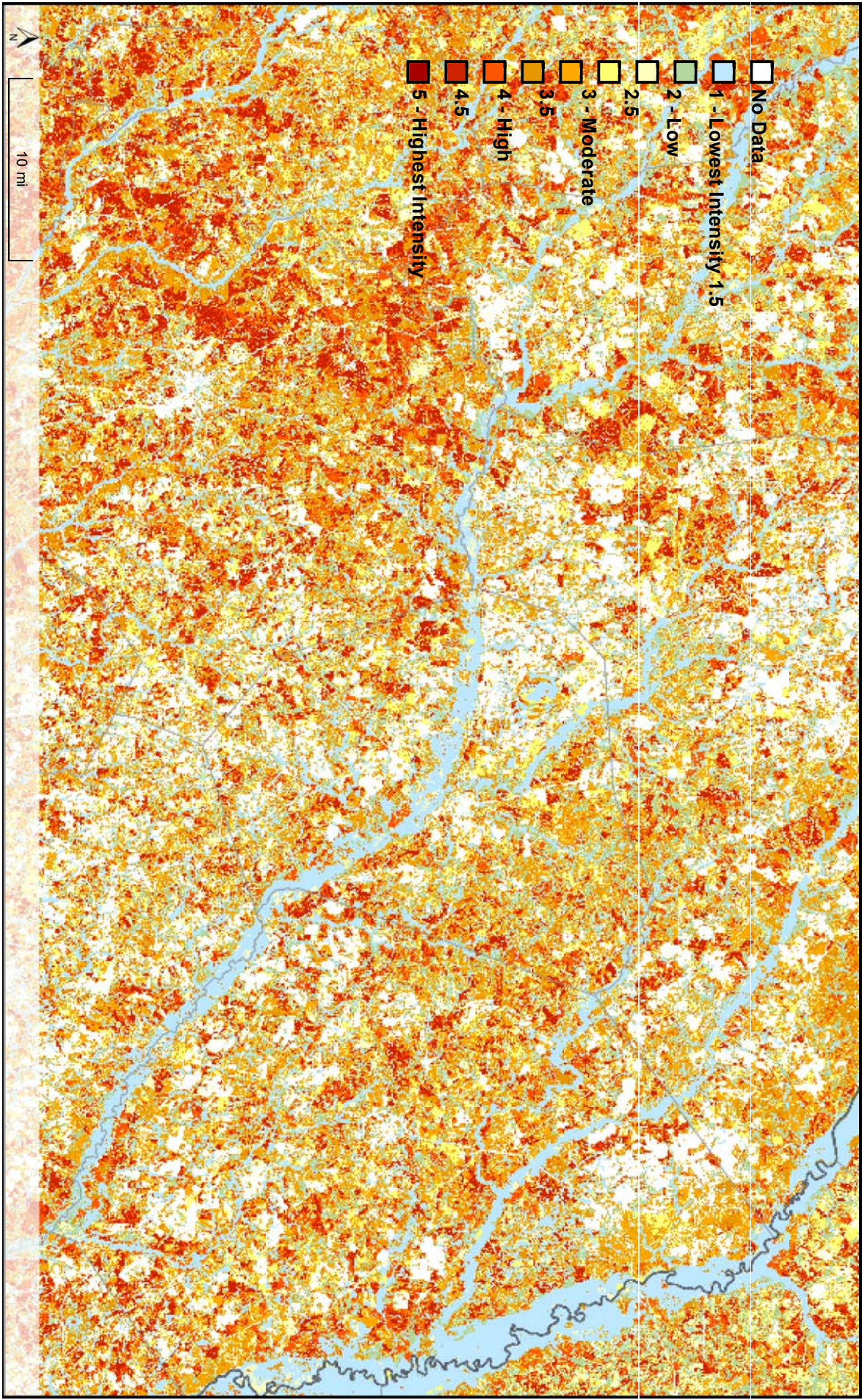


Firelab
MISSOULA, MONTANA

WFAS-MAPS National Interagency Fire Center



Jenkins County Fire Intensity



Report Created:

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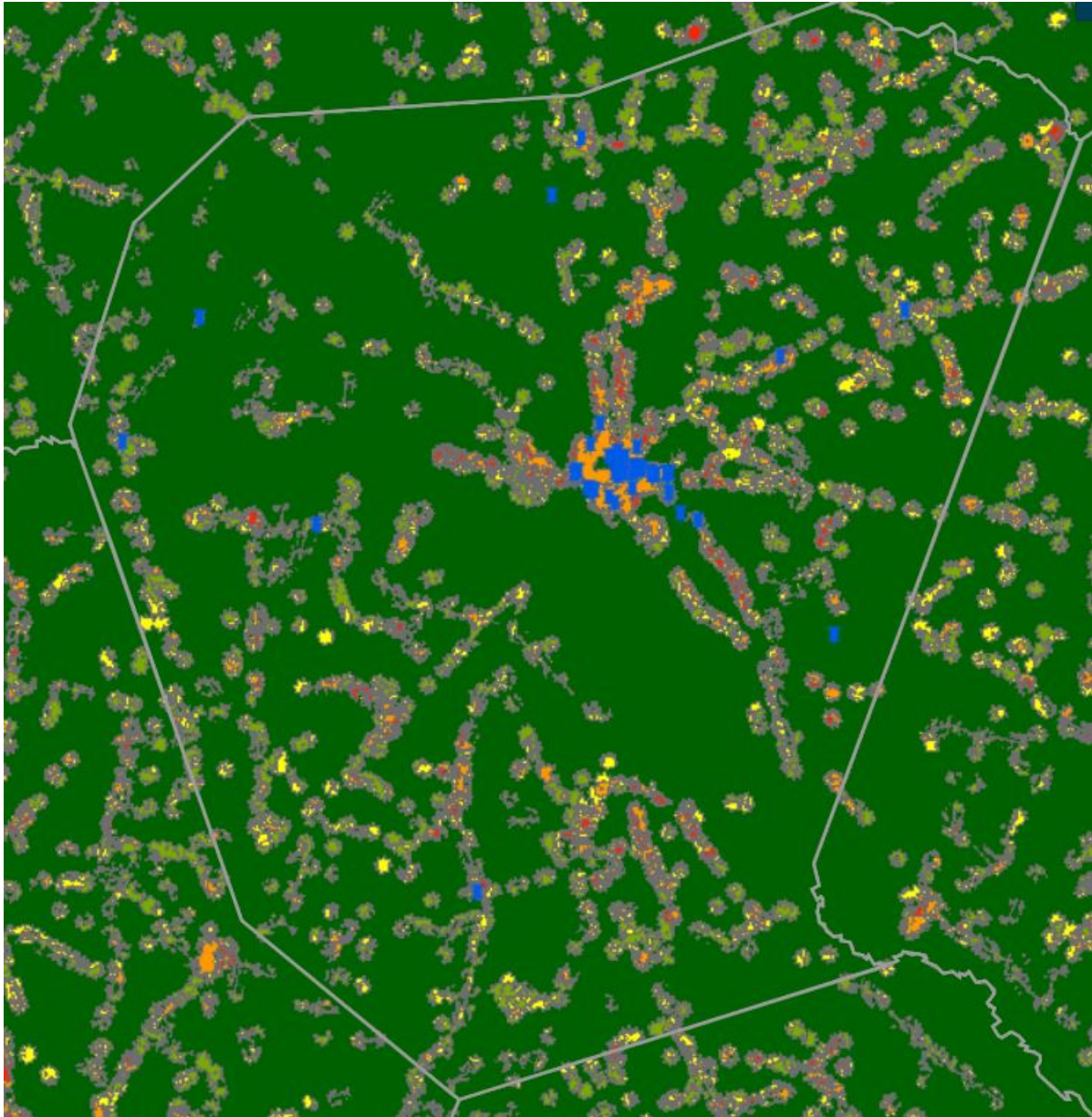
SGSF Wildfire Risk Assessment Portal

<http://southernwildfirerisk.com>

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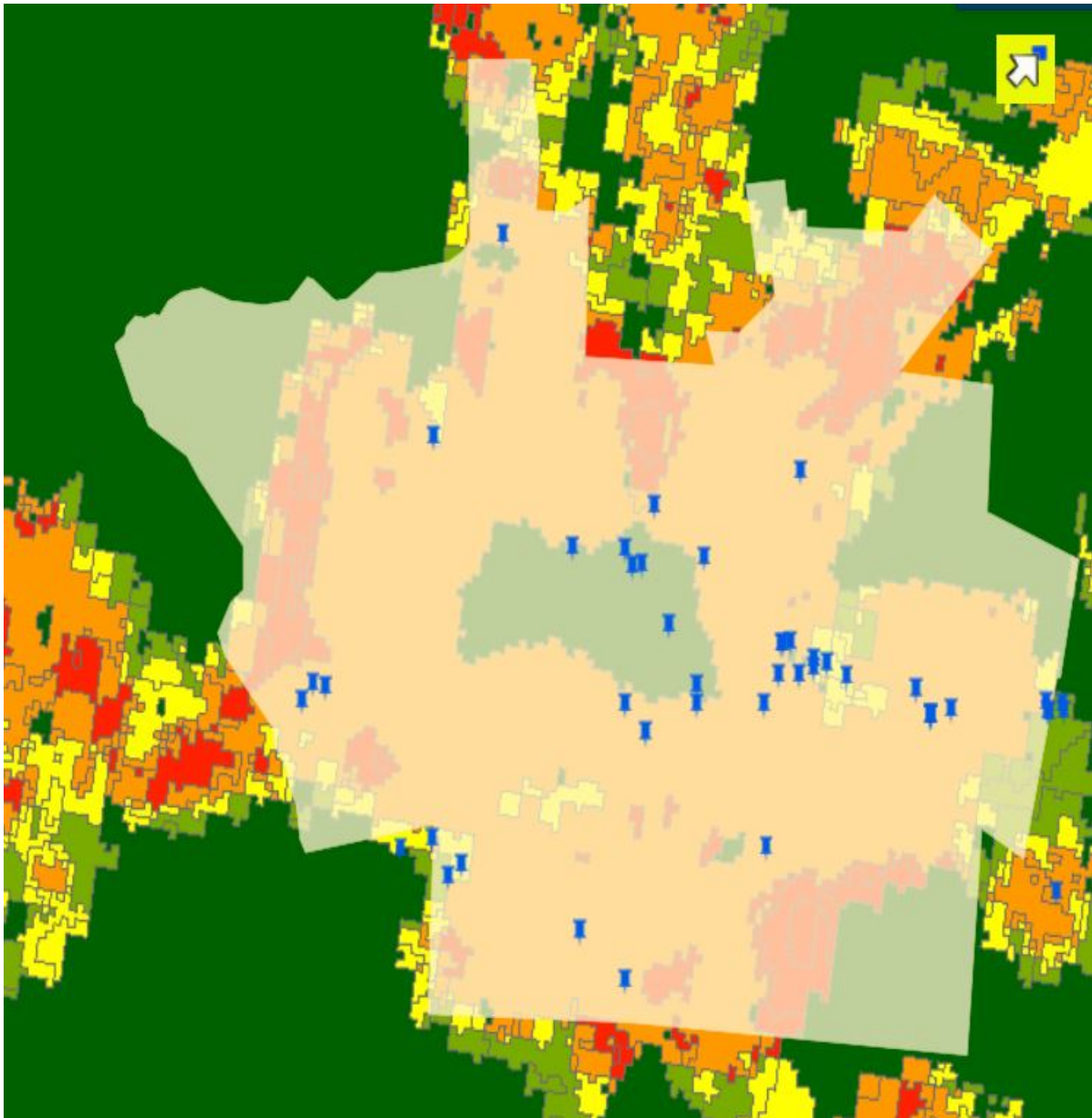


JENKINS COUNTY GMIS WILDFIRE RISK MAP



Score	Description
4	High
3	Moderate
2	Low
1	Very Low
0	No Houses
	Agriculture
	Water
	City

MILLEN GMIS WILDFIRE RISK MAP



Score	Description
4	High
3	Moderate
2	Low
1	Very Low
0	No Houses
	Agriculture
	Water
	City

TORNADO

A tornado is a violent windstorm characterized by a twisting, funnel-shaped cloud. It is spawned by a thunderstorm or the result of a hurricane and is produced when cool air overrides a layer of warm air, forcing the warm air to rise rapidly. The damage from a tornado is a result of the high wind velocity and wind-blown debris. Tornadoes are among the most unpredictable and destructive of weather phenomena and can strike at any time of the year if the essential conditions are present. The positions of the subtropical and polar jet streams often are conducive to the formation of storms in the Gulf region.

Based on 69 years of historical data, there have been 15 reported tornadoes in the planning area. The highest magnitude reported was an EF2. Reported property and crop damages for all 15 events totaled more than \$381,832 with 3 injuries. Tornadoes tend to strike in somewhat random fashion, making the task of calculating a recurrence interval extremely difficult. There is an 30 percent annual chance of a tornado event at for the County as a whole

The GMIS has the entire county with a wind hazard score of two, where wind speed is between 90 to 99 mph. All 56 critical facilities have a wind hazard score of two with a replacement cost of more than \$75 million. To summarize, there are approximately 17,186 structures/properties in the county totaling slightly more than \$704 million with a population of 8,340.

Location	Date	Type	Mag	Dth	Inj	Pr-D	CrD	Episode	Narrative
Jenkins	9/28/1963	Tornado			1	\$16,666	\$166		
Jenkins	5/12/1971	Tornado				\$5,000	\$0		
Jenkins	1/11/1972	Tornado				\$5,000	\$0		
Jenkins	3/21/1974	Tornado							
Jenkins	6/3/1974	Tornado							
Jenkins	3/16/1976	Tornado	F2			\$250,000	\$5,000		
Jenkins	3/16/1976	Tornado							
Jenkins	6/5/1978	Tornado						Near oak hill section of county	
Jenkins	4/19/1979	Tornado							Damaged one Mobile home
PERKINS	9/22/2000	Tornado	F0	0	0				Several trees and numerous limbs down.
SCARBORO	7/1/2003	Tornado	F1	0	0			<p>Much of WFO Charleston's CWA was impacted by the remnants of Tropical Storm Bill as it tracked to the northeast across the extreme northern section of Georgia. The mini outbreak of tornadoes started around 8 p.m. on the night of July 1st and did not stop until after 115 a.m. on the morning of July 2nd. Fortunately, there were no deaths with the tornadoes. Screven County was hardest hit with three separate tornadoes and three areas of wind damage.</p>	A tornado caused extensive damage to trees in the northeast part of the county
PERKINS	9/27/2004	Tornado	F0	0	0				A weak tornado knocked down trees and large limbs
MILLEN	1/2/2006	Tornado	F0	0	0	\$50,000			A tornado briefly touched down severely damaging a mobile home, causing minor damage to another mobile home, and knocking down trees
SCARBORO	3/15/2008	Funnel Cloud		0	0				Several trees and numerous limbs down.

Location	Date	Type	Mag	Dth	Inj	PrD	CrD	Episode	Narrative
EMMALANE	5/11/2008	Tornado	EF1	0	1	\$50,000	\$0	A warm front lifted northward through southern South Carolina and southeast Georgia during the morning, with a strong cold front then sweeping through the area during the evening. This resulted in several rounds of severe weather across the region	A Tornado touched down near the community of Emmalane, Georgia around 733 AM EDT southwest of the intersection of US-25 and Old Savannah Road. The Tornado continued northeast 1.7 miles and had a maximum width of 1200 yards. The observed damage indicated that an EF-1 Tornado had occurred. The maximum sustained winds with the Tornado were estimated at 95 mph. Damage occurred to a mobile home where the roof was uplifted and the structure shifted from its foundation. There was also significant damage to nearby sheds and trees

\$376,666 \$5,166 \$381,832

Critical Facilities All

Name	Jurisdiction	Address	Facility/Types	Risk	Area	Structure Type	Year Construction	Stories	Building Value	Contents Description	Content value	Functional Use value	Daytime Occupancy	Nighttime Occupancy
Barney Overpass	Millen city	Barney Overpass	Government, Water/Sewer	Transportation	1500				3000000			0		
City of Millen Groundwater Elevated Tank #2	Millen city	112 Magnolia Ave	Government, Water/Sewer	Essential, Lifeline	250	Steel Braced Frame			750000			0		
City of Millen Groundwater Well #1	Millen city	130 Hendrick Street	Government, Water/Sewer	Essential, High Potential Loss, Important, Special Consideration	1000	Other Building Type	1942		500000			0	0	
City of Millen Groundwater Well #2	Millen city	338 Walnut Street	Government, Water/Sewer	Essential, Lifeline	200	Steel Moment Frame Reinforced			500000			0		0
City of Millen Natural Gas Regulation Station #1	Millen city	791 N Masonic Street	Government, Water/Sewer	High Potential Loss, Important	625	Masonry Bearing Walls with Wood or Metal Deck Diaphragms	1954		150000			0		0
City of Millen Natural Gas Regulation Station #2	Millen city	424 Perkins Road	Education, Government Offices	High Potential Loss, Important	600	Steel Moment Frame	1992		150000			0		0
City of Millen Natural Gas Regulator Station #3	Millen city		Government, Water/Sewer	Lifeline, Hazardous Materials, Important	200	Concrete Moment Frame Precast			150000			0		
City of Millen Wastewater Lift Station #2	Millen city	600 Palmer Row	Government, Water/Sewer	Essential, High Potential Loss, Important	1600	Concrete Frames with Cast-in-place Concrete Shear Walls Precast	1985		100000			0		1
City of Millen Wastewater Lift Station #3	Millen city	201 Evans Drive	Government, Water/Sewer	Essential, High Potential Loss, Important	1600	Concrete Frames with Cast-in-place Concrete Shear Walls	1995	1.0	100000			0		1
City of Millen Wastewater Treatment Plant	Millen city	202 Sweetwater Drive	Government, Water/Sewer	Essential, High Potential Loss, Important	20	Other Building Type Precast	1977		4000000			0		2
City of Millen Wastewater Lift Station #4	Millen city	300 S Masonic Street	Government, Water/Sewer	Economic Assets	160	Concrete Frames with Cast-in-place Concrete Shear Walls			90000			0		0
Herdon Bridge	Jenkins County	S Herdon Rd	Emergency Services, Fire Fighters	Transportation	2000				6000000			0		0
Jenkins Co. Health Dept.	Jenkins County	709 Virginia Avenue	Government, Water/Sewer	Essential	6213	Unknown Building Type	1996	1.0	1125000		150000	450000		8

Critical Facilities All

Name	Jurisdiction	Address	Facility/Types	Risk	Area	Structure Type	Year Construction	Stories	Building Value	Contents Description	Content value	Functional Use value	Daytime Occupancy	Nighttime Occupancy
JENKINS CO-CR54 PHASE 2 MSWL & C&D SITE	Jenkins County	County Road 54	Government, Water/Sewer	Hazardous Materials, Economic Assets	2000	Other Building Type			1000000			0		
Jenkins County Extension Office	Jenkins County	434 Barney Avenue	Government, Water/Sewer	Essential	4380	Steel Braced Frame		1.0	250000		25000	0	10	
Jenkins County Adult Learning Center	Jenkins County	210 Hendrix St	Government, Water/Sewer	Important	3300			1.0	125000		25000	0	25	
Jenkins County Ag Center	Jenkins County	434 barney Ave	Government, Water/Sewer	Essential	4160	Steel Braced Frame		1.0	150000		10000	0	4	
Jenkins County Annex Building	Jenkins County	833 E Winthroppe Avenue	Government, Water/Sewer	Essential, Important	7000			1.0	1200000		100000	500000	10	
Jenkins County BOE Office and Bus Shop	Jenkins County	1152 East Winthroppe Avenue	Emergency Services, Fire Fighters	Important	3500			1.0	1500000		300000	0	25	
Jenkins County Courthouse	Jenkins County	611 East Winthroppe Avenue	Government, Water/Sewer	Essential, Historic Consideration	13200	Unknown Building Type	1911	3.0	5500000		250000	2300000	15	
Jenkins County Elem School	Jenkins County	220 Landrum Drive	Education, K - 12	Essential, Vulnerable Population	200000	Steel Frame with Cast-In-Place Concrete Shear Walls		1.0	4500000		2500000	0	725	
Jenkins County EMS	Jenkins County	428 East Winthroppe Ave	Government, Water/Sewer	Essential, Lifeline, Important, Vulnerable Population	4800	Steel Braced Frame	2011	1.0	350000		750000	0	4	4
Jenkins County Fuel Station	Jenkins County	1158 Old Sylvania Road	NGO, Transportation	Essential, Transportation	1000	Other Building Type	1987	1.0	150000			0	0	
Jenkins County Headstart	Jenkins County	727 Virginia Av	Government, Water/Sewer	Important, Vulnerable Population	4000				800000		100000	0	45	
Jenkins County High School	Jenkins County	433 Barney Ave.	Education, K - 12	Essential, Vulnerable Population	201000	Unknown Building Type	1985	1.0	10500000		2500000	0	457	
Jenkins County Library	Jenkins County	233 N danile Street	Education, Library	Important	5700			1.0	600000		225000	0	20	
Jenkins County Maintenance Shop	Jenkins County	1158 Old Sylvania Road	NGO, Transportation	Transportation, Important	4750	Unknown Building Type	1974	1.0	114250		30000	0	14	
Jenkins County Middle School	Jenkins County	409 Barney Ave	Emergency Services, Fire Fighters	Important, Vulnerable Population	15000			1.0	9000000		2500000	0	387	
Jenkins County Roads and Bridges Office	Jenkins County	1158 Old Sylvania Road	Education, Library	Important	6000				75000		10000	0	2	
Jenkins County Senior Citizens Center	Jenkins County	998 College Avenue	Government, Water/Sewer	Important, Vulnerable Population	5288	Unknown Building Type	1986	1.0	1125000		50000	0	30	
Millen Public Works Office	Millen city	919 College Ave	Government, Water/Sewer	Important	3900				320000		33000	0	3	

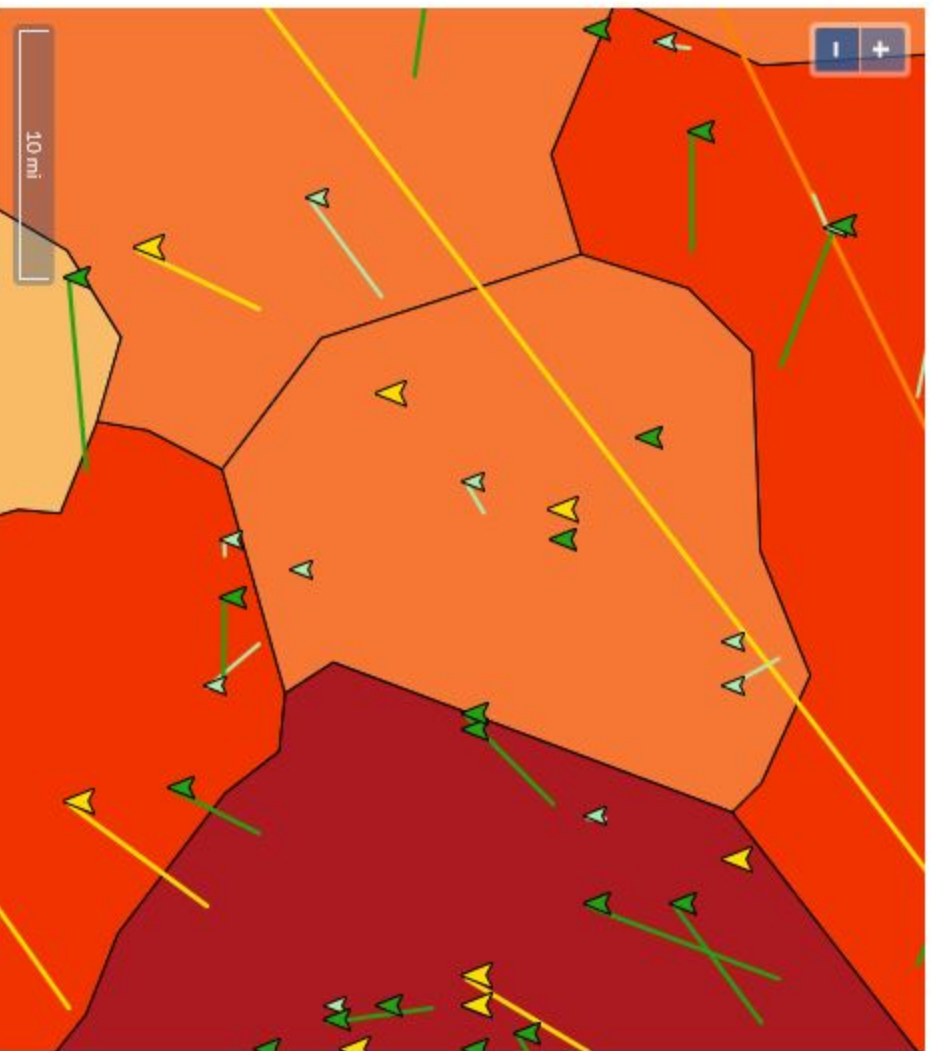
Critical Facilities All

Name	Jurisdiction	Address	Facility/Types	Risk	Area	Structure Type	Year Construction	Stories	Building Value	Contents Description	Content value	Functional Use value	Daytime Occupancy	Nighttime Occupancy
Millen City Hall/ED/PD	Millen city	919 College Ave	Emergency Services, Fire Fighters	Essential	22000	Other Building Type		1.0	5500000		1500000		0	10
Millen Community House	Millen city	517 Cleveland Ave	Government, Water/Sewer	Important	5760				780000		50000		0	
Millen Elevated Tank #1	Millen city	336 Walnut St	Government, Water/Sewer	Essential, Lifeline	100				750000				0	
Millen Elevated Tank #4	Millen city		Government, Water/Sewer	Essential, Lifeline	250				750000				0	
Millen Gas System	Millen city		Government, Water/Sewer	Essential, Lifeline, Hazardous Materials	20000				3250000				0	
Millen Groundwater Elevated Tank #1	Millen city	336 Walnut Street	Government, Water/Sewer	Essential, Lifeline	200	Steel Braced Frame	1963		750000				0	
Millen Groundwater Well #3	Millen city	110 Magnolia Ave	Government, Water/Sewer	Essential, Lifeline	200	Steel Moment Frame			500000				0	
Millen Lift Station #1-A	Millen city	Sweetwater Dr	Government, Water/Sewer	Essential	150	Other Building Type			170000				0	
Millen Lift Station #1B	Millen city	Sweetwater Dr	Government, Water/Sewer	Essential, Lifeline	150				170000				0	
Millen Mechanic Shop	Millen city	919 College Avenue	Government, Water/Sewer	Important	4000				100000		50000		0	3
Millen Natural Gas Odorizer	Millen city	947 Hiltonia Hwy	Education, Government Offices	Essential	400	Other Building Type			100000				0	0
Millen Utility Warehouse	Millen city	123 Sweetwater Dr	Government, Water/Sewer	Important	4800				372000		280000		0	
Millen Wasterwater Lift Station #1	Millen city		Government, Water/Sewer	Essential, Lifeline	150	Other Building Type			170000				0	
Millen Well #4	Millen city	3330 Park ave	Water/Sewer	Essential, Lifeline	200				500000				0	
Millen-Jenkins County Airport	Jenkins County	4525 Highway 25 North	NGO, Transportation	Transportation, Important	384	Other Building Type	1964	1.0	6000000		1000000		0	0
North Jenkins Co. VFD #3	Jenkins County		Emergency Services, Fire Fighters	Essential	2000				70000		10000		0	
North Jenkins Co. Volunteer Fire Dept. #7	Jenkins County	618 N. Jones Plantation Road	Emergency Services, Fire Fighters	Essential, Important	1280	Unknown Building Type	2006	1.0	70000		10000		80000	0
Volunteer Fire Dept. #9	Jenkins County	1629 Perkins Greenfork Road	Emergency Services, Fire Fighters	Essential, Important	4200	Unknown Building Type	2004	2.0	80000		50000		150000	0
North Jenkins VFD #2	Jenkins County		Emergency Services, Fire Fighters	Essential	2600				80000		10000		0	0

Critical Facilities All

Name	Jurisdiction	Address	Facility/Types	Risk	Area	Structure Type	Year Construction	Stories	Building Value	Contents Description	Content value	Functional Use value	Daytime Occupancy	Nighttime Occupancy
Ogeechee Behavioral Health Services Mental Retardation Services	Jenkins County	1202 Old Sylvania Road	NGO, Transportation	Important, Vulnerable Population	3300		1978	1.0	250000		15000	0	20	
Solar Array #1	Millen city	338 Walnut Street	Government, Water/Sewer	Essential		Other Building Type			115000			0	0	
Solar Array #2	Millen city	110 Magnolia Street	Government, Water/Sewer	Essential		Other Building Type	216		50000			0	0	
Solar Array 3	Millen city	202 Sweetwater Rd	Government, Water/Sewer	Essential		Other Building Type	2016		865000			0	0	
South Jenkins Co. Volunteer Fire Dept. #5	Jenkins County	5225 Elam Road	Emergency Services, Fire Fighters	Essential	2400	Unknown Building Type	2006	1.0	162500		50000	0	0	
South Jenkins VFD #6	Jenkins County	4822 W Old Savannah Rd	Emergency Services, Fire Fighters	Essential	2000				110000		250000	0	0	
									75588750	0	12833000	3480000	1821	4

Map of Storm Reports



TROPICAL STORMS

Tropical storms begin as tropical depressions over warm oceanic water, then develop into tropical cyclones. A tropical cyclone life span can last from a few hours to close to three weeks. Most tropical cyclones last approximately five to ten days. If the winds are under or up to 39 mph, it is a tropical depression. If winds speeds are between 39 to 73 mph, it is considered a tropical storm. Any storm with over 74 mph wind speed is called a hurricane. As a rule, hurricanes occur in the western Atlantic Ocean when warm, humid conditions are prevailing. Hurricanes are usually accompanied by excessive rain, thunder and lightning. When hurricanes make landfall, they typically slow down. Unfortunately, at that time, another danger often appears – tornados
A storm surge, which is an abnormal rise in water levels in a coastal area, usually occurs with tropical storms.

Based on 69 years of historical data, there have been eleven tropical storms reported by the NCEI and SHELDUSTM with reported property and crop damages of approximately \$506,000. To summarize, there are approximately 17,186 structures/properties in the county totaling slightly more than \$704 million with a population of 8,340.

County	Date	Type	Dth	Inj	PrD	CrD	Remarks
Jenkins	9/12/1964	Hurricane/Tropical Storm	0	0	\$147,059	\$1,471	HURRICANE DORA
Jenkins	6/9/1966	Hurricane/Tropical Storm	0	0	\$1,471	\$1,471	HURRICANE ALMA
Jenkins	8/30/1964	Hurricane/Tropical Storm	0	0	\$1,136	\$114	Hurricane Cleo
Jenkins	6/7/1968	Hurricane/Tropical Storm	0	0	\$147	\$0	Tropical Storm Abby
Jenkins	6/20/1972	Hurricane/Tropical Storm	0	0	\$0	\$314	HURRICANE AGNES
Jenkins	9/15/1999	Hurricane/Tropical Storm					Hurricane Floyd
Jenkins	9/27/2004	Hurricane/Tropical Storm					Tropical Storm Jeanne
Jenkins	6/12/2006	Hurricane/Tropical Storm			\$149,813	\$3,369	Tropical Storm Alberto
Jekins	10/8/2016	Hurricane/Tropical Storm					As a result of Hurricane Matthew
Jenkins	9/11/2017	Hurricane/Tropical Storm	0	0	\$200,000	\$0	According to data received from the Georgia Emergency Management Agency, total damages from Irma in southeast Georgia were \$29,150,000. \$200,000 in Jenkins County,
Jenkins	10/10/2018	Hurricane/Tropical Storm					As a result of Hurricane Michael

\$499,626 \$6,739

\$506,364

Critical Facilities All

Name	Jurisdiction	Address	Facility/Types	Risk	Area	Structure Type	Year Construction	Stories	Building Value	Contents Description	Content value	Functional Use value	Daytime Occupancy	Nighttime Occupancy
Barney Overpass	Millen city	Barney Overpass	Government, Water/Sewer	Transportation	1500				3000000			0		
City of Millen Groundwater Elevated Tank #2	Millen city	112 Magnolia Ave	Government, Water/Sewer	Essential, Lifeline	250	Steel Braced Frame			750000			0		
City of Millen Groundwater Well #1	Millen city	130 Hendrick Street	Government, Water/Sewer	Essential, High Potential Loss, Important, Special Consideration	1000	Other Building Type	1942		500000			0	0	
City of Millen Groundwater Well #2	Millen city	338 Walnut Street	Government, Water/Sewer	Essential, Lifeline	200	Steel Moment Frame Reinforced			500000			0		0
City of Millen Natural Gas Regulation Station #1	Millen city	791 N Masonic Street	Government, Water/Sewer	High Potential Loss, Important	625	Masonry Bearing Walls with Wood or Metal Deck Diaphragms	1954		150000			0		0
City of Millen Natural Gas Regulation Station #2	Millen city	424 Perkins Road	Education, Government Offices	High Potential Loss, Important	600	Steel Moment Frame	1992		150000			0		0
City of Millen Natural Gas Regulator Station #3	Millen city		Government, Water/Sewer	Lifeline, Hazardous Materials, Important	200	Concrete Moment Frame Precast			150000			0		
City of Millen Wastewater Lift Station #2	Millen city	600 Palmer Row	Government, Water/Sewer	Essential, High Potential Loss, Important	1600	Concrete Frames with Cast-in-place Concrete Shear Walls Precast	1985		100000			0		1
City of Millen Wastewater Lift Station #3	Millen city	201 Evans Drive	Government, Water/Sewer	Essential, High Potential Loss, Important	1600	Concrete Frames with Cast-in-place Concrete Shear Walls	1995	1.0	100000			0		1
City of Millen Wastewater Treatment Plant	Millen city	202 Sweetwater Drive	Government, Water/Sewer	Essential, High Potential Loss, Important	20	Other Building Type Precast	1977		4000000			0		2
City of Millen Wastewater Lift Station #4	Millen city	300 S Masonic Street	Government, Water/Sewer	Economic Assets	160	Concrete Frames with Cast-in-place Concrete Shear Walls			90000			0		0
Herdon Bridge	Jenkins County	S Herdon Rd	Emergency Services, Fire Fighters	Transportation	2000				6000000			0		0
Jenkins Co. Health Dept.	Jenkins County	709 Virginia Avenue	Government, Water/Sewer	Essential	6213	Unknown Building Type	1996	1.0	1125000		150000	450000		8

Critical Facilities All

Name	Jurisdiction	Address	Facility Types	Risk	Area	Structure Type	Year Construction	Stories	Building Value	Contents Description	Content value	Functional Use value	Daytime Occupancy	Nighttime Occupancy
JENKINS CO-CR54 PHASE 2 MSWL & C&D SITE	Jenkins County	County Road 54	Government, Water/Sewer	Hazardous Materials, Economic Assets	2000	Other Building Type			1000000			0		
Jenkins County Extension Office	Jenkins County	434 Barney Avenue	Government, Water/Sewer	Essential	4380	Steel Braced Frame		1.0	250000		25000	0	10	
Jenkins County Adult Learning Center	Jenkins County	210 Hendrix St	Government, Water/Sewer	Important	3300			1.0	125000		25000	0	25	
Jenkins County Ag Center	Jenkins County	434 barney Ave	Government, Water/Sewer	Essential	4160	Steel Braced Frame		1.0	150000		10000	0	4	
Jenkins County Annex Building	Jenkins County	833 E Winthrope Avenue	Government, Water/Sewer	Essential, Important	7000			1.0	1200000		100000	500000	10	
Jenkins County BOE Office and Bus Shop	Jenkins County	1152 East Winthrope Avenue	Emergency Services, Fire Fighters	Important	3500			1.0	1500000		300000	0	25	
Jenkins County Courthouse	Jenkins County	611 East Winthrope Avenue	Government, Water/Sewer	Essential, Historic Consideration	13200	Unknown Building Type	1911	3.0	5500000		250000	2300000	15	
Jenkins County Elem School	Jenkins County	220 Landrum Drive	Education, K - 12	Essential, Vulnerable Population	200000	Steel Frame with Cast-in-Place Concrete Shear Walls		1.0	4500000		2500000	0	725	
Jenkins County EMS	Jenkins County	428 East Winthrope Ave	Government, Water/Sewer	Essential, Lifeline, Important, Vulnerable Population	4800	Steel Braced Frame	2011	1.0	350000		750000	0	4	4
Jenkins County Fuel Station	Jenkins County	1158 Old Sylvania Road	NGO, Transportation	Essential, Transportation Important, Vulnerable Population	1000	Other Building Type	1987	1.0	150000			0	0	
Jenkins County Headstart	Jenkins County	727 Virginia Av	Government, Water/Sewer	Important, Vulnerable Population	4000				800000		100000	0	45	
Jenkins County High School	Jenkins County	433 Barney Ave.	Education, K - 12	Vulnerable Population	201000	Unknown Building Type	1985	1.0	10500000		2500000	0	457	
Jenkins County Library	Jenkins County	233 N danile Street	Education, Library	Important	5700			1.0	600000		225000	0	20	
Jenkins County Maintenance Shop	Jenkins County	1158 Old Sylvania Road	NGO, Transportation	Transportation, Important	4750	Unknown Building Type	1974	1.0	114250		30000	0	14	
Jenkins County Middle School	Jenkins County	409 Barney Ave	Emergency Services, Fire Fighters	Important, Vulnerable Population	15000			1.0	9000000		2500000	0	387	
Jenkins County Roads and Bridges Office	Jenkins County	1158 Old Sylvania Road	Education, Library	Important	6000				75000		10000	0	2	
Jenkins County Senior Citizens Center	Jenkins County	998 College Avenue	Government, Water/Sewer	Important, Vulnerable Population	5288	Unknown Building Type	1986	1.0	1125000		50000	0	30	
Millen Public Works Office	Millen city	919 College Ave	Government, Water/Sewer	Important	3900				320000		33000	0	3	

Critical Facilities All

Name	Jurisdiction	Address	Facility Types	Risk	Area	Structure Type	Year Construction	Stories	Building Value	Contents Description	Content value	Functional Use value	Daytime Occupancy	Nighttime Occupancy
Millen City Hall/FD/PD	Millen city	919 College Ave	Emergency Services, Fire Fighters	Essential	22000	Other Building Type		1.0	5500000		1500000	0	10	
Millen Community House	Millen city	517 Cleveland Ave	Government, Water/Sewer	Important	5760				780000		50000	0		
Millen Elevated Tank #1	Millen city	336 Walnut St	Government, Water/Sewer	Essential, Lifeline	100				750000			0		
Millen Elevated Tank #4	Millen city		Government, Water/Sewer	Essential, Lifeline	250				750000			0		
				Essential, Lifeline, Hazardous Materials										
Millen Gas System	Millen city		Government, Water/Sewer		20000				3250000			0		
Millen Groundwater Elevated Tank #1	Millen city	336 Walnut Street	Government, Water/Sewer	Essential, Lifeline	200	Steel Braced Frame	1963		750000			0		
Millen Groundwater Well #3	Millen city	110 Magnolia Ave	Government, Water/Sewer	Essential, Lifeline	200	Steel Moment Frame			500000			0		
Millen Lift Station #1-A	Millen city	Sweetwater Dr	Government, Water/Sewer	Essential	150	Other Building Type			170000			0		
Millen Lift Station #1B	Millen city	Sweetwater Dr	Government, Water/Sewer	Essential, Lifeline	150				170000			0		
Millen Mechanic Shop	Millen city	919 College Avenue	Government, Water/Sewer	Important	4000				100000		50000	0	3	
Millen Natural Gas Odorizer	Millen city	947 Hiltonia Hwy	Education, Government Offices	Essential	400	Other Building Type			100000			0	0	
Millen Utility Warehouse	Millen city	123 Sweetwater Dr	Government, Water/Sewer	Important	4800				372000		280000	0		
Millen Wasterwater Lift Station #1	Millen city		Government, Water/Sewer	Essential, Lifeline	150	Other Building Type			170000			0		
Millen Well #4	Millen city	3330 Park ave	Government, Water/Sewer	Essential, Lifeline	200				500000			0		
Millen-Jenkins County Airport	Jenkins County	4525 Highway 25 North	NGO, Transportation	Transportation, Important	384	Other Building Type	1964	1.0	6000000		1000000	0	0	
North Jenkins Co. VFD #3	Jenkins County		Emergency Services, Fire Fighters	Essential	2000				70000		10000	0		
North Jenkins Co. Volunteer Fire Dept. #7	Jenkins County	618 N. Jones Plantation Road	Emergency Services, Fire Fighters	Essential, Important	1280	Unknown Building Type	2006	1.0	70000		10000	80000	0	
North Jenkins Co. Volunteer Fire Dept. #9	Jenkins County	1629 Perkins Greenfork Road	Emergency Services, Fire Fighters	Essential, Important	4200	Unknown Building Type	2004	2.0	80000		50000	150000	0	
North Jenkins VFD #2	Jenkins County		Emergency Services, Fire Fighters	Essential	2600				80000		10000	0	0	

Critical Facilities All

Name	Jurisdiction	Address	Facility/Types	Risk	Area	Structure Type	Year Construction	Stories	Building Value	Contents Description	Content value	Functional Use value	Daytime Occupancy	Nighttime Occupancy
Ogeechee Behavioral Health Services Mental Retardation Services	Jenkins County	1202 Old Sylvania Road	NGO, Transportation	Important, Vulnerable Population	3300		1978	1.0	250000		15000	0	20	
Solar Array #1	Millen city	338 Walnut Street	Government, Water/Sewer	Essential		Other Building Type			115000			0	0	
Solar Array #2	Millen city	110 Magnolia Street	Government, Water/Sewer	Essential		Other Building Type	216		50000			0	0	
Solar Array 3	Millen city	202 Sweetwater Rd	Government, Water/Sewer	Essential		Other Building Type	2016		865000			0	0	
South Jenkins Co. Volunteer Fire Dept. #5	Jenkins County	5225 Elam Road	Emergency Services, Fire Fighters	Essential	2400	Unknown Building Type	2006	1.0	162500		50000	0	0	
South Jenkins VFD #6	Jenkins County	4822 W Old Savannah Rd	Emergency Services, Fire Fighters	Essential	2000				110000		250000	0	0	
									75588750	0	12833000	3480000	1821	4

SEVERE WEATHER

Three types of severe weather were identified by the mitigation team: (1) thunderstorm winds, (2) lightning, and (3) hail.

Thunderstorm winds, can cause death and injury, power outages, property damage, and can disrupt telephone service, severely affect radio communications and surface/air transportation which may seriously impair the emergency management capabilities of the affected jurisdictions.

Thunderstorm winds are winds that arise from convection (with or without lightning), with speeds of at least 50 knots (58 mph), or winds of any speed producing a fatality, injury, or damage. Severe thunderstorms develop powerful updrafts and downdrafts. An updraft of warm, moist air helps to fuel a towering cumulonimbus cloud reaching tens of thousands of feet into the atmosphere. A downdraft of relatively cool, dense air develops as precipitation begins to fall through the cloud. Winds in the downdraft can reach in excess of 100 miles per hour.

Lightning results from the buildup and discharge of electrical energy between positively and negatively charged areas. Rising and descending air within a thunderstorm separates these positive and negative charges. Water and ice particles also affect charge distribution. A cloud-to-ground lightning strike begins as an invisible channel of electrically charged air moving from the cloud toward the ground. When one channel nears an object on the ground, a powerful surge of electricity from the ground moves upward to the clouds and produces the visible lightning strike. Lightning often strikes outside of heavy rain and may occur as far as 10 miles away from any rainfall.

Hailstones are created when strong rising currents of air called updrafts carry water droplets high into the upper reaches of thunderstorms where they freeze. These frozen water droplets fall back toward the earth in downdrafts. In their descent, these frozen droplets bump into and coalesce with unfrozen water droplets and are then carried back up high within the storm where they refreeze into larger frozen drops. This cycle may repeat itself several times until the frozen water droplets become so large and heavy that the updraft can no longer support their weight. Eventually, the frozen water droplets fall back to earth as hailstones.

Weather Event	#	Fatalities	Injuries	Approximate Property/Crop Damage
Thunderstorm Winds	122	0	0	\$1,137,998
Lightning	98	0	4	\$9,559
Hail	38	0	2	\$7,916

The GMIS has the entire county with a wind hazard score of two, where wind speed is between 90 to 99 mph. All 56 critical facilities have a wind hazard score of two with a replacement cost of more than \$75 million. To summarize, there are approximately 17,186 structures/properties in the county totaling slightly more than \$704 million with a population of 8,340.

Location	Date	Type	Mag	Dth	Inj	Prd	CRD	Remarks
Jenkins	4/2/1964	Thunderstorm Wind			0	5,263.16	526.32	Heavy Rains
Jenkins	5/2/1964	Thunderstorm Wind			0	3,144.65	3144.65	RAINS
Jenkins	9/28/1965	Thunderstorm Wind			0	314.47	3.14	RAIN AND WIND
Jenkins	2/13/1966	Thunderstorm Wind		0.06		3,144.65	314.47	WIND AND RAIN
Jenkins	3/1/1966	Thunderstorm Wind			0	3,144.65	314.47	RAIN AND WIND
Jenkins	5/16/1966	Thunderstorm Wind			0	1,470.59	1470.59	RAINS
Jenkins	5/18/1969	Thunderstorm Wind			0	1,470.59		0 HEAVY RAINS
Jenkins	10/31/1969	Thunderstorm Wind		0.06		1,470.59		0 HEAVY RAINS
Jenkins	3/1/1971	Thunderstorm Wind			0	3,144.65	31.45	HEAVY RAINS
Jenkins	6/14/1971	Thunderstorm Wind			0	314.47		0 SEVERE THUNDERSTORM
Jenkins	6/15/1971	Thunderstorm Wind			0	208.33		0 Thunderstorms
Jenkins	6/28/1972	Thunderstorm Wind			0	314.46		0 THUNDERSTORMS
Jenkins	2/1/1973	Thunderstorm Wind			0	3,144.65		0 HEAVY RAINS
Jenkins	3/21/1974	Thunderstorm Wind			0.31	31,446.54		0 THUNDERSTORM & WIND
Jenkins	6/7/1974	Thunderstorm Wind			0	675.68	675.68	Severe Thunderstorms
Jenkins	5/15/1975	Thunderstorm Wind			0	1,041.67	104.17	Thunderstorms
Jenkins	5/16/1975	Thunderstorm Wind			0	0.00		0
Jenkins	7/4/1976	Thunderstorm Wind	0 kts.		0	0.00		
Jenkins	9/29/1976	Thunderstorm Wind	0 kts.		0	0.00		
Jenkins	6/5/1978	Thunderstorm Wind	0 kts.		0	0.00		
Jenkins	4/13/1979	Thunderstorm Wind	0 kts.		0	0.00		
Jenkins	6/17/1989	Thunderstorm Wind	0 kts.		0	0.00		
Jenkins	7/1/1992	Thunderstorm Wind	56 kts.		0	0.00		
PERKINS	5/13/1993	Thunderstorm Wind			0	5,000.00		
MILLEN	5/15/1994	Thunderstorm Wind			0	1,000.00		
MILLEN	6/9/1994	Thunderstorm Wind			0	5,000.00		
MILLEN	1/7/1995	Thunderstorm Wind			0			
MILLEN	1/14/1995	Thunderstorm Wind			0	100.00		0 THUNDERSTORM WIND
MILLEN	6/9/1995	Thunderstorm Wind			0	2,000.00		0 THUNDERSTORM WIND
MILLEN	7/6/1995	Thunderstorm Wind			0	2,000.00		0 THUNDERSTORM WIND
Jenkins	7/11/1995	Thunderstorm Wind			0	8,000.00		0 THUNDERSTORM WIND
Jenkins	10/5/1995	Thunderstorm Wind						
BUTTS	3/16/1996	Thunderstorm Wind	50 kts.					
MILLEN	4/26/1996	Thunderstorm Wind	52 kts.					
MILLEN	4/22/1997	Thunderstorm Wind	55 kts.					
Millen	5/3/1997	Thunderstorm Wind	50 kts.		0	20,000.00		0 THUNDERSTORM WIND
Herdon	5/3/1997	Thunderstorm Wind	50 kts.		0	0.00		0
MILLEN	6/18/1997	Thunderstorm Wind	55 kts.					
MILLEN	6/23/1997	Thunderstorm Wind	50 kts.					
PERKINS	4/18/1998	Thunderstorm Wind	50 kts.					

Location	Date	Type	Mag	Dth	Inj	Prd	CRD	Remarks
MILLEN	8/20/1999	Thunderstorm Wind	50 kts.					
MILLEN	3/4/2001	Thunderstorm Wind	50 kts. E	0	0	0.00	0	
HERNDON	5/13/2002	Thunderstorm Wind	50 kts. E	0	0	0.00	0	
MILLEN	7/6/02	Thunderstorm Wind	50 kts. E	0	0	0.00	0	
MILLEN	7/31/02	Thunderstorm Wind	50 kts. E	0	0	0.00	0	
MILLEN	9/18/02	Thunderstorm Wind	50 kts. E	0	0	0.00	0	
SCARBORO	2/22/2003	Thunderstorm Wind	50 kts. EG	0	0	0.00	0	
MILLEN	5/2/2003	Thunderstorm Wind	50 kts. EG	0	0	0.00	0	
HERNDON	2/6/2004	Thunderstorm Wind	50 kts. EG	0	0	0.00	0	
BUTTS	7/12/2004	Thunderstorm Wind	50 kts. EG	0	0	0.00	0	
Jenkins	9/6/2004	Thunderstorm Wind	50 kts. EG					
Jenkins	2/27/2005	Thunderstorm Wind	50 kts. EG					
MILLEN	3/8/2005	Thunderstorm Wind	50 kts. EG	0	0	0.00	0	
MILLEN	7/29/2005	Thunderstorm Wind	55 kts. EG	0	0	0.00	0	
PERKINS	8/22/2005	Thunderstorm Wind	50 kts. EG	0	0	0.00	0	
BUTTS	1/2/2006	Thunderstorm Wind	55 kts. EG		0	5,000.00	0	
SCARBORO	1/2/2006	Thunderstorm Wind	55 kts. EG			5,000.00		
Jenkins	5/5/2006	Thunderstorm Wind	50 kts. EG		0	2,000.00	0	
PERKINS	5/27/2006	Thunderstorm Wind	50 kts	0	0	2,000.00	0	
PERKINS	5/27/2006	Thunderstorm Wind	50 kts	0	0	5,000.00	0	
MILLEN	5/27/2006	Thunderstorm Wind	50 kts	0	0	5,000.00	0	
MILLEN	5/27/2006	Thunderstorm Wind	50 kts	0	0	1,000.00	0	
MILLEN	5/27/2006	Thunderstorm Wind	60 kts.	0	0	100,000.00	0	
MILLEN	5/27/2006	Thunderstorm Wind	50 kts	0	0	2,000.00	0	
Jenkins	4/15/2007	Thunderstorm Wind	50 kts. EG		0	1,000.00	0	
MILLEN	5/4/2007	Thunderstorm Wind	50 kts. EG			1,000.00		
MILLEN	5/4/2007	Thunderstorm Wind	50 kts. EG			10,000.00		
PERKINS	5/4/2007	Thunderstorm Wind	50 kts. EG	0	0	2,000.00	0	
PERKINS	6/5/2007	Thunderstorm Wind	50 kts. EG		0	500.00	0	
PERKINS	6/5/2007	Thunderstorm Wind				250.00		
PERKINS	6/5/2007	Thunderstorm Wind				750.00		
Jenkins	7/1/2007	Thunderstorm Wind	50 kts. EG	0	0	100.00	0	
Jenkins	7/11/2007	Thunderstorm Wind	50 kts. EG	0	0	4,000.00	0	
MILLEN	8/11/2007	Thunderstorm Wind	50 kts. EG	0	0	1,500.00	0	
PARAMORE	8/11/2007	Thunderstorm Wind	50 kts. EG			500.00	0	
MILLEN	8/13/2007	Thunderstorm Wind	55 kts. EG			13,000.00	0	
MILLEN	8/13/2007	Thunderstorm Wind	50 kts. EG	0	0	500.00	0	
Jenkins	3/8/2008	Thunderstorm Wind	50 kts. EG			2,500.00	0	
HERNDON	3/19/2008	Thunderstorm Wind	50 kts. EG		0	500.00	0	
PARAMORE	5/11/2008	Thunderstorm Wind	96 kts. EG	0	1	780,000.00	0	

Location	Date	Type	Mag	Dth	Inj	Prd	CRD	Remarks
MILLEN	6/22/2008	Thunderstorm Wind	50 kts. EG	0	0	2,000.00	0	0
Jenkins	10/24/2008	Thunderstorm Wind	55 kts.		0	10,000.00	0	0
MILLEN	12/11/2008	Thunderstorm Wind	50 kts. EG	0	0	1,000.00	0	0
PERKINS	3/1/2009	Thunderstorm Wind	50 kts. EG	0	0	500.00	0	0
THRIFT	6/18/2009	Thunderstorm Wind	55 kts. EG	0	0	3,000.00		
HERNDON	6/18/2009	Thunderstorm Wind	55 kts. EG	0	0	3,000.00	0	0
HERNDON	8/5/2009	Thunderstorm Wind	56 kts. EG	0	0	6,000.00	0	0
HERNDON	8/12/2009	Thunderstorm Wind	50 kts. EG	0	0	1,000.00	0	0
EMMALANE	9/26/2009	Thunderstorm Wind	50 kts. EG	0	0	2,000.00	0	0
Jenkins	4/27/2010	Strong Wind	43			500.00		a tree down from non-thunderstorm winds on Hilltonia Road in Millen, Georgia. Wind gusts were estimated to be between 40 and 50 mph.
PERKINS	6/15/2010	Thunderstorm Wind	50 kts. EG	0	0	1,000.00	0	0 The police reported 1 tree down on Highway 23.
PERKINS	6/15/2010	Thunderstorm Wind	55 kts. EG			10,000.00	0	0 An employee at Magnolia Springs State Park reported multiple trees down, including one that landed on a car. The employee also reported dime size hail.
MILLEN	6/29/2010	Thunderstorm Wind	50 kts. EG		0	3,500.00	0	0 Law enforcement reported trees and power lines down in Millen.
MILLEN	6/29/2010	Thunderstorm Wind	50 kts. EG			0.00		A fire department reported a large oak tree fell onto a car and also blocked the intersection of North Masonic Street and East Winthroe Avenue.
PARAMORE	7/15/2010	Thunderstorm Wind	50 kts. EG	0	0	500.00	0	0
EMMALANE	7/21/2010	Thunderstorm Wind	50 kts. EG	0	0	3,000.00	0	0
PERKINS	4/5/2011	Thunderstorm Wind	55	0	0	0.00	10,000.00	Many trees were uprooted in Magnolia Springs State Park. Two trees fell on a residence. Trees were 30 to 40 feet tall.
ROGERS	4/5/2011		50			0.00	5,000.00	Fire department officials reported trees and powerlines down at the intersection of Bennetts Landing Road and Old Savannah Road.
ROGERS	11/16/2011		50			1,000.00	0.00	The Jenkins County Warning Point reported 1 tree down along West Old Savannah Road, 3 miles southeast of Herndon.
EMMALANE	6/11/2012		50			2,000.00	0.00	Two trees were reported down near the intersection of Highway 25 and highway 121.
PARAMORE	6/11/2012	Thunderstorm Wind	50	0	0	1,000.00	0.00	One tree was reported down on Paramore Hill Road.
MILLEN	6/11/2012	Thunderstorm Wind	50	0	0	1,000.00	0.00	One tree was reported down on Hilltonia Road.
MILLEN	7/3/2012	Thunderstorm Wind	50	0	0	2,000.00	0.00	The public reported one tree and one power line down.
MILLEN	7/5/2012	Thunderstorm Wind	60	0	0	8,000.00	0.00	Numerous trees and power lines down in Millen.
MILLEN	3/18/2013	Thunderstorm Wind	50	0	0	2,250.00	0.00	The Jenkins County 911 Call Center reported a tree limb went through a roof at the 600 block of Walnut Street.

Location	Date	Type	Mag	Dth	Inj	Prd	CRD	Remarks
THRIFT	4/11/2013	Thunderstorm Wind	50	0	0	500.00	0.00	Fire Department reported a tree down at Lambert Road and Highway 25 South.
THRIFT	4/11/2013	Thunderstorm Wind	50	0	0	500.00	0.00	Fire Department reported a tree down on Highway 23 South.
BUTTS	6/4/2013	Thunderstorm Wind	50 kts. EG	0	0	1,000.00	0	
SCARBORO	6/7/2013	Thunderstorm Wind	50 kts. EG	0	0	2,250.00	0	
SCARBORO	6/22/2015	Thunderstorm Wind	50	0	0	0	0	0 Law enforcement reported trees down near Rocky Ford.
MILLEN	7/2/2015	Thunderstorm Wind	50	0	0	0		0 Jenkins County dispatch reported numerous large limbs, 10 inches or more in diameter, blown onto power lines on Harvey Street.
MILLEN	7/3/2015	Thunderstorm Wind	50	0	0	0		0 Several large tree limbs were blown down on a private lot near Grimm Avenue.
PERKINS	8/6/2015	Thunderstorm Wind	50	0	0	0		0 The Jenkins County Fire and Rescue reported trees and power lines down on Perkins-Greenfork Road.
PERKINS	6/17/2016	Thunderstorm Wind	65	0	0	0		0 Law enforcement reported numerous trees down throughout the community of Perkins.
MILLEN	3/21/2017	Thunderstorm Wind	50	0	0	0		0 Jenkins County dispatch reported trees and power lines down on S Masonic Street.
PARAMORE	3/21/2017	Thunderstorm Wind	50	0	0	0		0 Jenkins County dispatch reported trees and power lines down on Highway 21 near Sand Hills Church Road.
PERKINS	4/3/2017	Thunderstorm Wind	60	0	0	0		0 The Jenkins County 911 Call Center reported 4 trees down near Perkins, GA.
ROGERS	3/20/2018	Thunderstorm Wind	50	0	0	0		0 Jenkins County dispatch reported a tree down blocking the roadway on Old Louisville Road.
HERNDON	8/9/2018	Thunderstorm Wind	50	0	0	0		0 Law enforcement reported a tree down along the side of Drake Chapel Road.
ROGERS	6/20/2019	Thunderstorm Wind	50	0	0	0		0 A tree was reported down on Georgia 17 North.
PERKINS	6/20/2019	Thunderstorm Wind	50	0	0	0		0 A tree was reported down on U.S. Highway 25 North.
SCARBORO	6/20/2019	Thunderstorm Wind	50	0	0	0		0 A tree was reported down on Georgia Highway 17 South.
						1,116,413.80	21,584.94	1,137,998.74

END_DATE	Location	HAZARD	INJURIES	FATALITIES	PROPERTY_DAMAGE	CROP_DAMAGE	REMARKS
5/26/1960	Jenkins County	Lightning	0	0	31.45	31.45	WIND, HAIL, ELECTRICAL
5/16/1962	Jenkins County	Lightning	2	0	43.1	43.1	WIND, HAIL, ELECTRICAL
7/17/1962	Jenkins County	Lightning	0	0	31.45	31.45	Wind, hail, rain, and lightning
8/8/1962	Jenkins County	Lightning	1	0	427.35	0	Wind and lightning
5/27/1963	Jenkins County	Lightning	0	0	66.67	6.67	Rain, wind, hail and electrical
6/14/1963	Jenkins County	Lightning	0	0	138.89	138.89	Wind, rain and electrical
3/15/1964	Jenkins County	Lightning	0	3	1470.59	0	WIND, RAIN, ELECTRICAL
11/22/1965	Jenkins County	Lightning	0	0	31.45	0	electrical, wind and hail
7/9/1967	Jenkins County	Lightning	0	0	31.45	314.47	Wind, rain, hail, and lightning
7/22/1967	Jenkins County	Lightning	0	0	420.17	0	Wind, rain, and lightning
6/2/1968	Jenkins County	Lightning	0	0	314.47	0	Wind, hail, and lightning
6/29/1969	Jenkins County	Lightning	0	0	1020.41	0	Wind and lightning
3/22/1970	Jenkins County	Lightning	0	0	314.47	0	HEAVY RAINS, WIND AND LIGHTNING
3/31/1970	Jenkins County	Lightning	1	0	574.71	574.71	HEAVY RAINS, WIND AND LIGHTNING
4/23/1971	Jenkins County	Lightning	0	0	314.47	314.47	WIND, RAIN, HAIL, AND LIGHTNING
6/10/1974	Jenkins County	Lightning	0	0	793.65	79.37	Wind, lightning
8/1/2018	Millen	Lightning	4		2000 8024.75	1534.58	Deep moisture and warming temperatures between low pressure inland and high pressure offshore led to thunderstorms across the region A lightning strike resulted in damage at the Jenkins County Sheriff's Office.
							9559.33

Location	Date	Type	Mag	Dth	Lnj	PRD	CRD	Episode Narrative	Event Narrative
JENKINS CO.	2/10/1960	Hail				\$31.45	\$0.00		
JENKINS CO.	3/30/1960	Hail				\$31.45	\$0.00		
JENKINS CO.	5/26/1960	Hail				\$31.45	\$31.45		
JENKINS CO.	5/25/1961	Hail				\$7.69	\$76.92		
JENKINS CO.	6/11/1961	Hail				\$147.06	\$14.71		
JENKINS CO.	5/16/1962	Hail				\$43.10	\$43.10		
JENKINS CO.	5/28/1962	Hail				\$111.11	\$11.11		
JENKINS CO.	7/17/1962	Hail				\$31.45	\$31.45		
JENKINS CO.	7/24/1962	Hail				\$51.02	\$5.10		
JENKINS CO.	5/27/1963	Hail				\$66.67	\$6.67		
JENKINS CO.	7/11/1963	Hail				\$14.71	\$14.71		
JENKINS CO.	4/12/1965	Hail				\$45.05	\$45.05		
JENKINS CO.	11/22/1965	Hail				\$31.45	\$0.00		
JENKINS CO.	7/9/1967	Hail				\$31.45	\$314.47		
JENKINS CO.	6/2/1968	Hail				\$314.47	\$0.00		
JENKINS CO.	4/23/1971	Hail				\$314.47	\$314.47		
JENKINS CO.	4/24/1972	Hail				\$1,562.50	\$1,562.50		
JENKINS CO.	5/26/1975	Hail				\$1,562.50	\$15.63		
JENKINS CO.	6/19/1987	Hail	1.75						
MILLEN	4/3/1998	Hail	1						
MILLEN	5/3/1998	Hail	0.75						
PERKINS	5/17/1998	Hail	0.88						
MILLEN	5/1/2003	Hail	0.75 in.	0	0	\$0	\$0		
MILLEN	5/2/2003	Hail	0.75 in.	0	0	\$0	\$0		
MILLEN	5/10/2005	Hail	0.88 in.	0	0	\$0	\$0		
MILLEN	5/4/2007	Hail	0.88 in.	0	0	\$0	\$0	Thunderstorms developed at the intersection of the differential heating boundary and the sea breeze front	
MILLEN	5/4/2007	Hail	1.00 in.	0	0	\$0	\$0	Thunderstorms developed at the intersection of the differential heating boundary and the sea breeze front	
PERKINS	5/4/2007	Hail	1.25 in.	0	0	\$0	\$0	Thunderstorms developed at the intersection of the differential heating boundary and the sea breeze front	Hail fell at Magnolia Springs State Park

Location	Date	Type	Mag	Dth	Lnj	PRD	CRD	Episode Narrative	Event Narrative
MILLEN	5/20/2008	Hail	1.75 in.	0	0	\$0	\$0	A trough of low pressure and a series of upper level disturbances moved into an unstable air mass across southern South Carolina and southeast Georgia, resulting in the development of numerous well organized thunderstorms	Golf ball size hail was reported by a post office employee in Millen, Georgia
BUTTS	6/28/2008	Hail	0.75 in.	0	0	\$0	\$0	A trough of low pressure in combination with the sea breeze in a highly unstable environment, resulted in a isolated thunderstorms across southeast Georgia	Penny size hail and gusty winds were reported by the public 6 miles southwest of Millen, Georgia.
THRIFT	2/18/2009	Hail	1.75 in.	0	0	\$0	\$0	A warm front lifted through southeastern Georgia during the afternoon which allowed warm and moist conditions to occur ahead of an approaching cold front. A strong upper level jet combined with a surface cold front aided in severe thunderstorm development overnight as the upper level forcing shifted towards the Atlantic Ocean	The Jenkins county emergency management office relayed a public report of hail occurring on Elam Road 3 miles west southwest of Four Points, Georgia
PERKINS	5/4/2009	Hail	1.00 in.	0	0	\$0	\$0	Severe convection developed along a lee side trough across the Midlands of South Carolina and central Georgia, then shifted east into the forecast area during the afternoon and evening as a potent upper level disturbance crossed the area. This convection interacted with the sea breeze (which happened to be pinched rather close to the coast) allowing for additional intensification closer to the coast.	A trained weather spotter reported penny size hail and numerous tree limbs down in Millen, Georgia
MILLEN	6/11/2009		1 in	0	0	\$0			

Location	Date	Type	Mag	Dth	Ini	PRD	CRD	Episode Narrative	Event Narrative
MILLEN	6/11/2009	Hail	0.75 in.	0	0	\$1,000.00	0	Severe convection developed along a lee side trough across the Midlands of South Carolina and central Georgia, then shifted east into the forecast area during the afternoon and evening as a potent upper level disturbance crossed the area. This convection interacted with the sea breeze (which happened to be pinched rather close to the coast) allowing for additional intensification closer to the coast.	The public reported quarter size hail in Millen, Georgia. A trained weather spotter reported penny size hail and numerous tree limbs down in Millen, Georgia
THRIFT	3/26/2011	Hail	0.88 in.	0	0	\$0	\$0	A stationary frontal boundary in combination with modest instability, resulted in the development of scattered strong to severe thunderstorms across southeast Georgia	The Jenkins County Emergency Manager reported nickel size hail, 4 miles southwest of Butts, Georgia
SCARBORO	3/26/2011	Hail	1.75 in.	0	0	\$0	\$0	A stationary frontal boundary in combination with modest instability, resulted in the development of scattered strong to severe thunderstorms across southeast Georgia	The Public reported golf ball size hail, 6 miles north of Portal, Georgia
PARAMORE STATION	9/27/2011	Hail	0.75 in.	0	0	\$0	\$0	A short wave trough rounded the southern periphery of a deep closed low over the Great Lakes and as it pushed into a highly unstable airmass and interacted with the sea breeze, resulted in scattered thunderstorm development across southern South Carolina and southeast	The Public reported penny-size hail 4 miles East-Southeast of Millen
Millen		Hail				\$0	\$0		Scattered to occasionally numerous showers and thunderstorms developed in the afternoon hours across southeast Georgia in the vicinity of a lingering cold front.
	5/25/2014					\$5,429	\$2,487	Quarter sized hail fell at the Jenkins County dispatch building.	\$7,916

Critical Facilities Wind Hazard Scores

Jurisdiction	Name	Hazard Score	Value	Building size	Content value	Functional Use value	Facility type	Risk	Daytime Occupancy	Nighttime Occupancy
Millen city	Barney Overpass	2	3000000	1500			0 Water/Sewer	Transportation		
Millen city	City of Millen Groundwater Elevated Tank #2	2	750000	250			0 Government, Water/Sewer	Essential, Lifeline Essential, High Potential Loss, Important, Special Consideration		
Millen city	City of Millen Groundwater Well #1	2	500000	1000			0 Government, Water/Sewer		0	
Millen city	City of Millen Groundwater Well #2	2	500000	200			0 Government, Water/Sewer	Essential, Lifeline	0	
Millen city	City of Millen Natural Gas Regulation Station #1	2	150000	625			0 Government, Education, Water/Sewer	High Potential Loss, Important	0	
Millen city	City of Millen Natural Gas Regulation Station #2	2	150000	600			0 Government, Offices	High Potential Loss, Important	0	
Millen city	City of Millen Natural Gas Regulator Station #3	2	150000	200			0 Government, Water/Sewer	Lifeline, Hazardous Materials, Important		
Millen city	City of Millen Wastewater Lift Station #2	2	100000	1600			0 Government, Water/Sewer	Potential Loss, Important	1	
Millen city	City of Millen Wastewater Lift Station #3	2	100000	1600			0 Government, Water/Sewer	Potential Loss, Important	1	
Millen city	City of Millen Wastewater Treatment Plant	2	4000000	20			0 Government, Water/Sewer	Essential, High Potential Loss, Important	2	
Millen city	City of Millen Wastewater Lift Station #4	2	90000	160			0 Government, Emergency Services, Fire Fighters	Economic Assets	0	
Jenkins County	Herdon Bridge	2	6000000	2000			0 Government, Water/Sewer	Transportation	0	
Jenkins County	Jenkins Co. Health Dept.	2	1125000	6213	150000	450000	0 Government, Water/Sewer	Essential	8	
Jenkins County	JENKINS CO-CR54 PHASE 2 MSWL & C&D SITE	2	1000000	2000			0 Government, Water/Sewer	Hazardous Materials, Economic Assets		
Jenkins County	Jenkins County Extension Office	2	250000	4380	25000		0 Government, Water/Sewer	Essential	10	
Jenkins County	Jenkins County Adult Learning Center	2	125000	3300	25000		0 Government, Water/Sewer	Important	25	

Critical Facilities Wind Hazard Scores

Jurisdiction	Name	Hazard Score	Value	Building size	Content value	Functional Use value	Facility type	Risk	Daytime Occupancy	Nighttime Occupancy
Jenkins County	Jenkins County Ag Center	2	150000	4160	10000	0	Government, Water/Sewer	Essential	4	
Jenkins County	Jenkins County Annex Building	2	1200000	7000	100000	500000	Water/Sewer Emergency Services, Fire	Essential, Important	10	
Jenkins County	Jenkins County BOE Office and Bus Shop	2	1500000	3500	300000	0	Fighters Government, Water/Sewer	Important Essential, Historic Consideration	25 15	
Jenkins County	Jenkins County Courthouse	2	5500000	13200	250000	2300000	Water/Sewer			
Jenkins County	Jenkins County Elem School	2	4500000	20000	2500000	0	Education, K - 12	Essential, Vulnerable Population	725	
Jenkins County	Jenkins County EMS	2	350000	4800	750000	0	Government, Water/Sewer NGO, Transportation	Essential, Lifeline, Important, Vulnerable Population Essential, Transportation	4 0	4
Jenkins County	Jenkins County Fuel Station	2	150000	1000		0	Transportation			
Jenkins County	Jenkins County Headstart	2	800000	4000	100000	0	Government, Water/Sewer	Important, Vulnerable Population	45	
Jenkins County	Jenkins County High School	2	10500000	201000	2500000	0	Education, K - 12	Essential, Vulnerable Population	457	
Jenkins County	Jenkins County Library	2	600000	5700	225000	0	Education, Library NGO, Transportation	Important Transportation, Important	20 14	
Jenkins County	Jenkins County Maintenance Shop	2	114250	4750	30000	0	Emergency Services, Fire	Important, Vulnerable Population	387	
Jenkins County	Jenkins County Middle School	2	9000000	15000	2500000	0	Fighters			
Jenkins County	Jenkins County Roads and Bridges Office	2	75000	6000	10000	0	Education, Library	Important	2	
Jenkins County	Jenkins County Senior Citizens Center	2	1125000	5288	50000	0	Government, Water/Sewer	Important, Vulnerable Population	30	
Millen city	Millen Public Works Office	2	320000	3900	33000	0	Water/Sewer Emergency Services, Fire	Important	3	
Millen city	Millen City Hall/FD/PD	2	5500000	22000	1500000	0	Fighters	Essential	10	

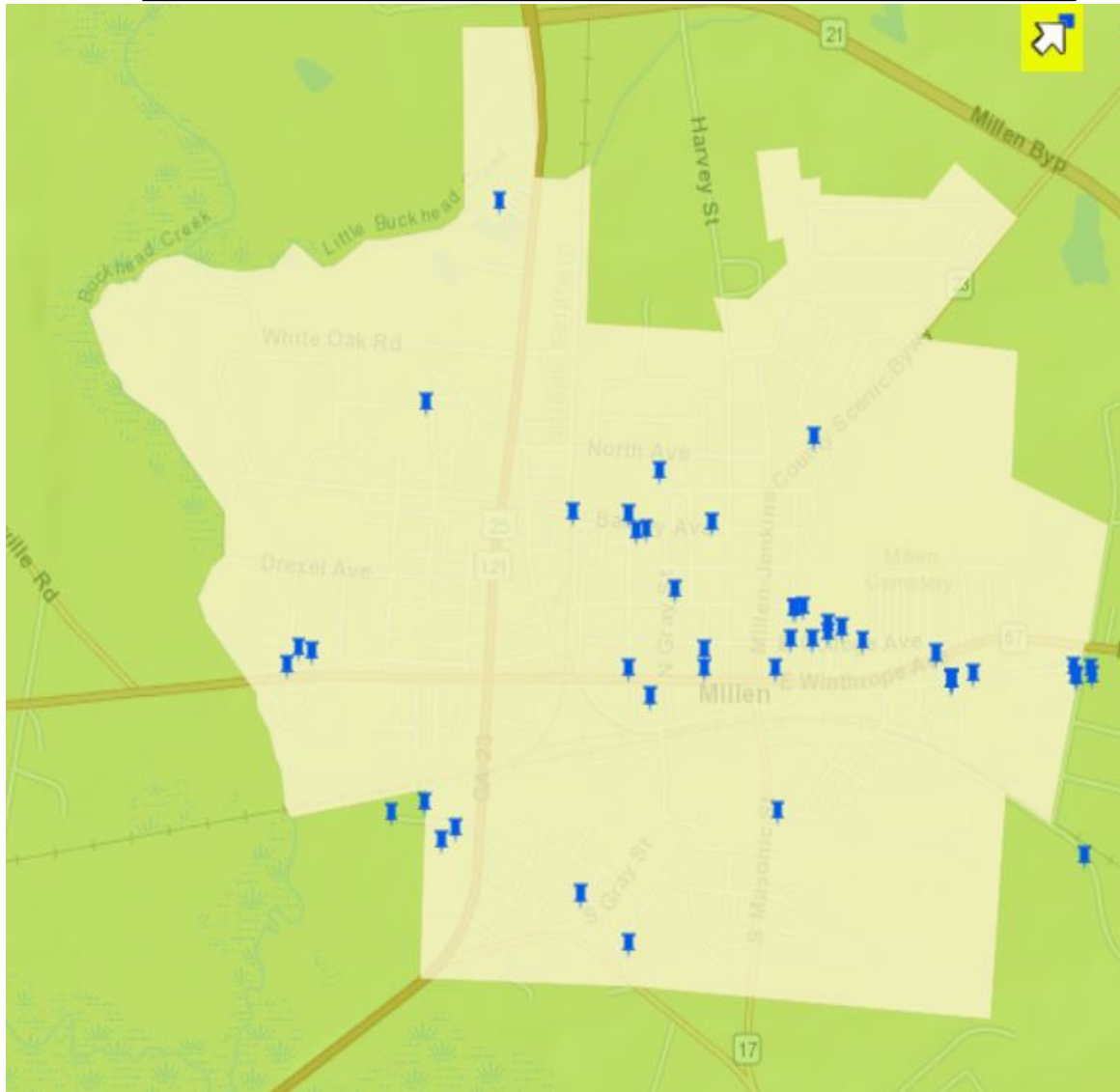
Critical Facilities Wind Hazard Scores

Jurisdiction	Name	Hazard Score	Value	Building size	Content value	Functional Use value	Facility type	Risk	Daytime Occupancy	Nighttime Occupancy
Millen city	Millen Community House	2	780000	5760	50000		Government, Water/Sewer	Important		
Millen city	Millen Elevated Tank #1	2	750000	100			Government, Water/Sewer	Essential, Lifeline		
Millen city	Millen Elevated Tank #4	2	750000	250			Water/Sewer	Essential, Lifeline		
Millen city	Millen Gas System	2	3250000	20000			Government, Water/Sewer	Essential, Lifeline, Hazardous Materials		
Millen city	Millen Groundwater Elevated Tank #1	2	750000	200			Government, Water/Sewer	Essential, Lifeline		
Millen city	Millen Groundwater Well #3	2	500000	200			Water/Sewer	Essential, Lifeline		
Millen city	Millen Lift Station #1-A	2	170000	150			Government, Water/Sewer	Essential		
Millen city	Millen Lift Station #1B	2	170000	150			Government, Water/Sewer	Essential, Lifeline		
Millen city	Millen Mechanic Shop	2	100000	4000	50000		Water/Sewer	Important	3	
Millen city	Millen Natural Gas Odorizer	2	100000	400			Government Offices	Essential	0	
Millen city	Millen Utility Warehouse	2	372000	4800	280000		Government, Water/Sewer	Important		
Millen city	Millen Wastewater Lift Station #1	2	170000	150			Water/Sewer	Essential, Lifeline		
Millen city	Millen Well #4	2	500000	200			Government, Water/Sewer	Essential, Lifeline		
Millen city	Millen-Jenkins County Airport	2	6000000	384	1000000		Transportation	Important	0	
Jenkins County	North Jenkins Co. VFD #3	2	70000	2000	10000		Emergency Services, Fire Fighters	Essential		
Jenkins County	North Jenkins Co. Volunteer Fire Dept. #7	2	70000	1280	10000	80000	Emergency Services, Fire Fighters	Essential, Important	0	
Jenkins County	North Jenkins Co. Volunteer Fire Dept. #9	2	80000	4200	50000	150000	Emergency Services, Fire Fighters	Essential, Important	0	
Jenkins County	North Jenkins VFD #2	2	80000	2600	10000		Emergency Services, Fire Fighters	Essential	0	

Critical Facilities Wind Hazard Scores

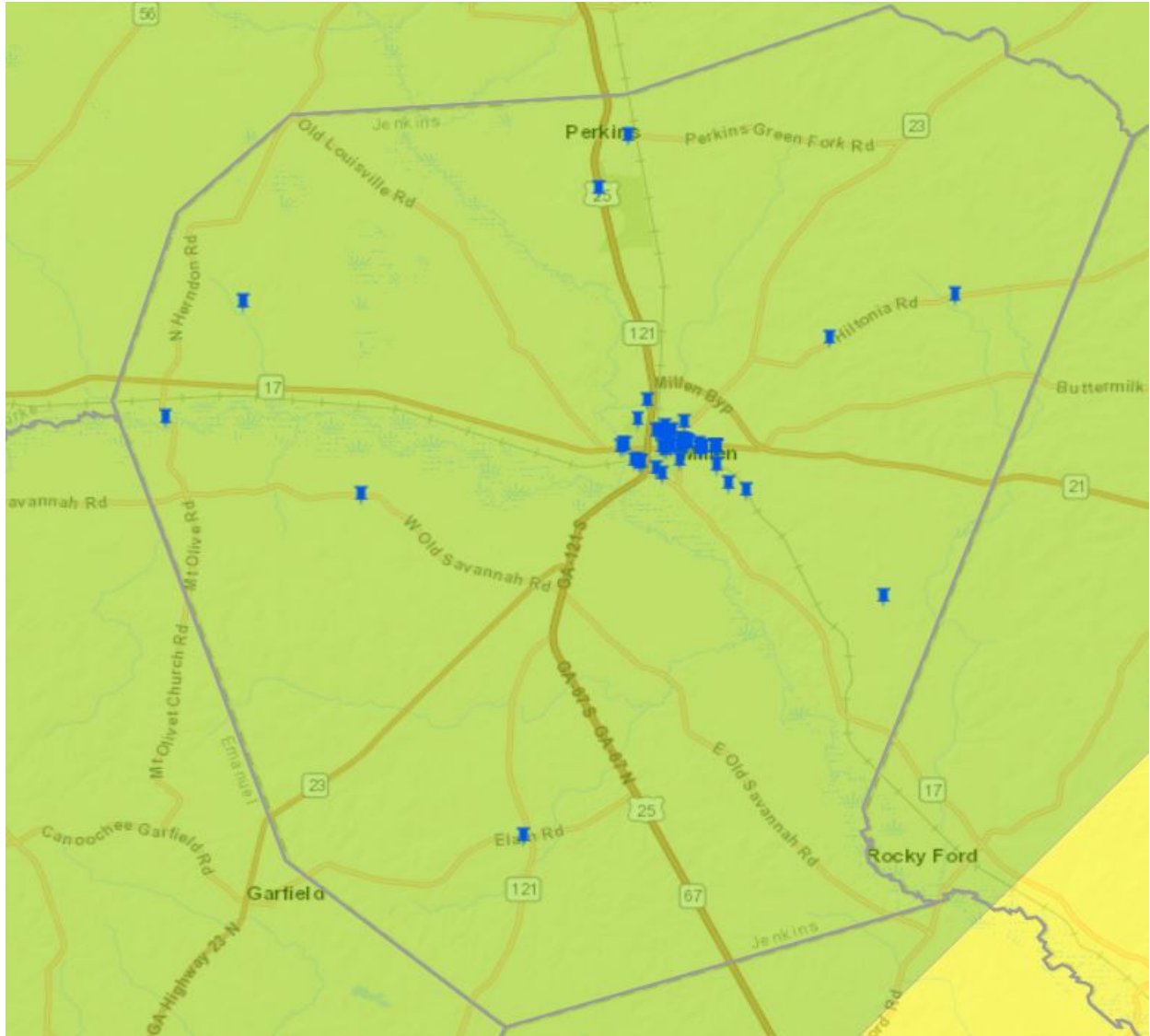
Jurisdiction	Name	Hazard Score	Value	Building size	Content value	Functional Use value	Facility type	Risk	Daytime Occupancy	Nighttime Occupancy
Jenkins County	Ogeechee Behavioral Health Services Mental Retardation Services	2	250000	3300	15000		0 NGO, Transportation	Important, Vulnerable Population	20	
Millen city	Solar Array #1	2	115000				0 Water/Sewer Government,	Essential	0	
Millen city	Solar Array #2	2	50000				0 Water/Sewer Government,	Essential	0	
Millen city	Solar Array 3	2	865000				0 Water/Sewer	Essential	0	
Jenkins County	South Jenkins Co. Volunteer Fire Dept. #5	2	162500	2400	50000		0 Emergency Services, Fire Fighters	Essential	0	
Jenkins County	South Jenkins VFD #6	2	110000	2000	250000		0 Emergency Services, Fire Fighters	Essential	0	
			75588750	581470	12833000		3480000		1821	4

MILLEN GMIS WIND MAP



Score	Original Value	Description
5	> 120 mph	3 second gust greater than 120 mph
4	110 to 119 mph	
3	100 to 109 mph	
2	90 to 99 mph (or ZONE IV)	This score is also given to an area with Zone IV of the "Design Wind Speed Map for Community Shelters," representing an area exposed to 250 mph winds. This area is the Northwestern corner of the state.
1	< 90 mph	

JENKINS COUNTY GMIS WIND MAP



Score	Original Value	Description
5	> 120 mph	3 second gust greater than 120 mph
4	110 to 119 mph	
3	100 to 109 mph	
2	90 to 99 mph (or ZONE IV)	This score is also given to an area with Zone IV of the "Design Wind Speed Map for Community Shelters," representing an area exposed to 250 mph winds. This area is the Northwestern corner of the state.
1	< 90 mph	

Winter Storm

Southeastern snow or ice storms often form when an area of low pressure moves eastward across the northern Gulf of Mexico. To produce a significant winter storm in the south, not only must temperatures be cold enough, but there must also be enough moisture in the atmosphere to produce adequate precipitation. A major winter storm can last for several days and be accompanied by high winds, ice and freezing rain, heavy snowfall, and cold temperatures. These conditions can make driving conditions very dangerous, as well as bring down trees and power lines.

Winter storms are not spatially defined and affect the entire planning equally. The committee researched historical data from the NCEI, SHELDUS, the National Weather Service, as well as information from past newspaper articles relating to winter storms in Jenkins County. There have been 34 winter storm events recorded in the county over the last 129 years with an estimated property damage of \$135,149 with one fatality reported. There is a 45 percent chance of an annual winter storm event. There are approximately 17,186 structures/properties in the county totaling slightly more than \$704 million with a population of 8,340.

County/Zone	Date	Type	Dth	Inj	PrD	CrD	Event Narrative
	12/00/1901						2.70 inches
	2/00/1901						4 inches
	12/1/1943						1.5 inches
Jenkins Co	2/13/1960	Wind - Winter Weather	0	0	121.95	0	
Jenkins Co	1/26/1961	Winter Weather	0	0	314.46	0	
Jenkins Co	12/13/1962	Winter Weather	0	0	314.47	3.14	
Jenkins Co	1/25/1963	Winter Weather	0	0	31.45	31.45	
Jenkins Co	12/31/1963	Winter Weather	0	0	31,446.54	0	
Jenkins Co	1/13/1964	Winter Weather	0	0	3.14	0	
Jenkins Co	3/31/1964	Winter Weather	0	0	31.45	3144.65	
Jenkins Co	2/25/1965	Wind - Winter Weather	0	0	314.47	0	
Jenkins Co	1/31/1966	Winter Weather	0	0	314.47	314.47	
	2/1/1968	Snow					1.5 inches
Jenkins Co	1/10/1970	Winter Weather	0	0	314.46	0	
Jenkins Co	2/10/1973	Winter Weather	0	0	40,000.00	0	14 inches of snow fell throughout the county. Schools were closed, power outages across county, trees limbs down.
Jenkins Co	1/31/1977	Winter Weather	0	0	31,446.54	0	
Jenkins Co	2/18/1979	Winter Weather	0	0	5,208.33	520.83	
Jenkins Co	2/6/1980	Winter Weather	0	0	549.45	0	
Jenkins Co	1/21/1983	Winter Weather	0	0	5,208.33	0	
Jenkins Co	1/14/1988	Ice					2-3 inches of sleet
Jenkins Co	Feb-89	Snow					1 inch
Jenkins Co	12/23/1993	Snow					2 inches
Jenkins Co	1/15/1994	Winter Weather	0	0	515.46	0	
Jenkins Co	2/3/1996	Snow					Light blanket of snow covered the county
Jenkins Co	1/28/2000	Ice Storm					1/4 to 1/2 inch of ice accumulation icing roads and bridges minimal power outages across.
Jenkins Co	1/2/2002	Ice Storm					6.5 inches of snow, schools closed, trees and limbs were broken, several roads impassable due to ice, power outages over 50% of county.
Jenkins Co	2/28/2003	Snow					Light snow
Jenkins Co	1/26/2004	Ice Storm					There were large limbs and power lines down that disrupted the power over the northern portions of Jenkins
Jenkins Co	1/28/2005	Ice Storm					1/4 in of glaze ice. Power outages up to three days in parts of County.

County/Zone	Date	Type	Dth	Inj	PRD	CRD	Event Narrative
Jenkins Co	2/12/2010	Heavy Snow					Law Enforcement reported 3.0 inches of snow accumulation at the Jenkins county warning point in Millen, Georgia. Roads throughout the county were described as extremely dangerous.
Jenkins Co	1/10/2011	Winter Weather	0	0	15,000.00	0	
Jenkis	1/28/2014	Snow					
JENKINS (ZONE)	2/12/2014	Ice Storm	0	0		0	Storm total ice accumulations across Jenkins County ranged up to three quarters of an inch. Widespread trees and large tree limbs were reported down due to the ice An area of low pressure tracked from the Gulf of Mexico to off the southeast coast, producing widespread precipitation across southeast Georgia. A wedge of high pressure provided shallow, cold air, supporting the development of freezing rain at many locations away from the immediate coast. Across many inland areas, a major ice storm occurred with one to three quarters of an inch of ice accumulation and even a few one inch accumulation amounts reported. Widespread trees, large tree limbs, and power lines were reported down due to ice. Many trees were down and blocking area roadways. Widespread, long duration power outages also occurred especially across inland areas of Jenkins, Bulloch, and Screven counties.
Jenkins		Winter Weather	0	0	0	0	A developing surface low pressure system offshore and an amplifying upper level trough approaching from the west combined with unusually cold air to produce widespread significant winter precipitation across southeast Georgia. Most of the precipitation fell as snow, with amounts ranging from a few tenths of an inch up to 6 inches. The event began as rain for many areas before changing over to snow, with a period of freezing rain along the coast where up to a quarter of an inch of ice accumulation occurred. The official storm total snowfall for the day at the Savannah-Hilton Head International Airport was 1.2 inches which ranks as the 7th highest one day snowfall on record, dating back to 1871. The event caused significant disruption to travel, with many businesses and schools closed the day of the event as well as the following day. Black ice was also an issue following the event, as well as several days of frigid wind chills.
	1/3/2018				131134.97	4014.54	135149.51

Critical Facilities All

Name	Jurisdiction	Address	Facility/Types	Risk	Area	Structure Type	Year Construction	Stories	Building Value	Contents Description	Content value	Functional Use value	Daytime Occupancy	Nighttime Occupancy
Barney Overpass	Millen city	Barney Overpass	Government, Water/Sewer	Transportation	1500				3000000			0		
City of Millen Groundwater Elevated Tank #2	Millen city	112 Magnolia Ave	Government, Water/Sewer	Essential, Lifeline	250	Steel Braced Frame			750000			0		
City of Millen Groundwater Well #1	Millen city	130 Hendrick Street	Government, Water/Sewer	Essential, High Potential Loss, Important, Special Consideration	1000	Other Building Type	1942		500000			0	0	
City of Millen Groundwater Well #2	Millen city	338 Walnut Street	Government, Water/Sewer	Essential, Lifeline	200	Steel Moment Frame Reinforced			500000			0		0
City of Millen Natural Gas Regulation Station #1	Millen city	791 N Masonic Street	Government, Water/Sewer	High Potential Loss, Important	625	Masonry Bearing Walls with Wood or Metal Deck Diaphragms	1954		150000			0		0
City of Millen Natural Gas Regulation Station #2	Millen city	424 Perkins Road	Education, Government Offices	High Potential Loss, Important	600	Steel Moment Frame	1992		150000			0		0
City of Millen Natural Gas Regulator Station #3	Millen city		Government, Water/Sewer	Lifeline, Hazardous Materials, Important	200	Concrete Moment Frame Precast			150000			0		
City of Millen Wastewater Lift Station #2	Millen city	600 Palmer Row	Government, Water/Sewer	Essential, High Potential Loss, Important	1600	Concrete Frames with Cast-in-place Concrete Shear Walls Precast	1985		100000			0		1
City of Millen Wastewater Lift Station #3	Millen city	201 Evans Drive	Government, Water/Sewer	Essential, High Potential Loss, Important	1600	Concrete Frames with Cast-in-place Concrete Shear Walls	1995	1.0	100000			0		1
City of Millen Wastewater Treatment Plant	Millen city	202 Sweetwater Drive	Government, Water/Sewer	Essential, High Potential Loss, Important	20	Other Building Type Precast	1977		4000000			0		2
City of Millen Wastewater Lift Station #4	Millen city	300 S Masonic Street	Government, Water/Sewer	Economic Assets	160	Concrete Frames with Cast-in-place Concrete Shear Walls			90000			0		0
Herdon Bridge	Jenkins County	S Herdon Rd	Emergency Services, Fire Fighters	Transportation	2000				6000000			0		0
Jenkins Co. Health Dept.	Jenkins County	709 Virginia Avenue	Government, Water/Sewer	Essential	6213	Unknown Building Type	1996	1.0	1125000		150000	450000		8

Critical Facilities All

Name	Jurisdiction	Address	Facility/Types	Risk	Area	Structure Type	Year Construction	Stories	Building Value	Contents Description	Content value	Functional Use value	Daytime Occupancy	Nighttime Occupancy
JENKINS CO-CR54 PHASE 2 MSWL & C&D SITE	Jenkins County	County Road 54	Government, Water/Sewer	Hazardous Materials, Economic Assets	2000	Other Building Type			1000000			0		
Jenkins County Extension Office	Jenkins County	434 Barney Avenue	Government, Water/Sewer	Essential	4380	Steel Braced Frame		1.0	250000		25000	0	10	
Jenkins County Adult Learning Center	Jenkins County	210 Hendrix St	Government, Water/Sewer	Important	3300			1.0	125000		25000	0	25	
Jenkins County Ag Center	Jenkins County	434 barney Ave	Government, Water/Sewer	Essential	4160	Steel Braced Frame		1.0	150000		10000	0	4	
Jenkins County Annex Building	Jenkins County	833 E Winthroppe Avenue	Government, Water/Sewer	Essential, Important	7000			1.0	1200000		100000	500000	10	
Jenkins County BOE Office and Bus Shop	Jenkins County	1152 East Winthroppe Avenue	Emergency Services, Fire Fighters	Important	3500			1.0	1500000		300000	0	25	
Jenkins County Courthouse	Jenkins County	611 East Winthroppe Avenue	Government, Water/Sewer	Essential, Historic Consideration	13200	Unknown Building Type	1911	3.0	5500000		250000	2300000	15	
Jenkins County Elem School	Jenkins County	220 Landrum Drive	Education, K - 12	Essential, Vulnerable Population	200000	Steel Frame with Cast-In-Place Concrete Shear Walls		1.0	4500000		2500000	0	725	
Jenkins County EMS	Jenkins County	428 East Winthroppe Ave	Government, Water/Sewer	Essential, Lifeline, Important, Vulnerable Population	4800	Steel Braced Frame	2011	1.0	350000		750000	0	4	4
Jenkins County Fuel Station	Jenkins County	1158 Old Sylvania Road	NGO, Transportation	Essential, Transportation	1000	Other Building Type	1987	1.0	150000			0	0	
Jenkins County Headstart	Jenkins County	727 Virginia Av	Government, Water/Sewer	Important, Vulnerable Population	4000				800000		100000	0	45	
Jenkins County High School	Jenkins County	433 Barney Ave.	Education, K - 12	Essential, Vulnerable Population	201000	Unknown Building Type	1985	1.0	10500000		2500000	0	457	
Jenkins County Library	Jenkins County	233 N danile Street	Education, Library	Important	5700			1.0	600000		225000	0	20	
Jenkins County Maintenance Shop	Jenkins County	1158 Old Sylvania Road	NGO, Transportation	Transportation, Important	4750	Unknown Building Type	1974	1.0	114250		30000	0	14	
Jenkins County Middle School	Jenkins County	409 Barney Ave	Emergency Services, Fire Fighters	Important, Vulnerable Population	15000			1.0	9000000		2500000	0	387	
Jenkins County Roads and Bridges Office	Jenkins County	1158 Old Sylvania Road	Education, Library	Important	6000				75000		10000	0	2	
Jenkins County Senior Citizens Center	Jenkins County	998 College Avenue	Government, Water/Sewer	Important, Vulnerable Population	5288	Unknown Building Type	1986	1.0	1125000		50000	0	30	
Millen Public Works Office	Millen city	919 College Ave	Government, Water/Sewer	Important	3900				320000		33000	0	3	

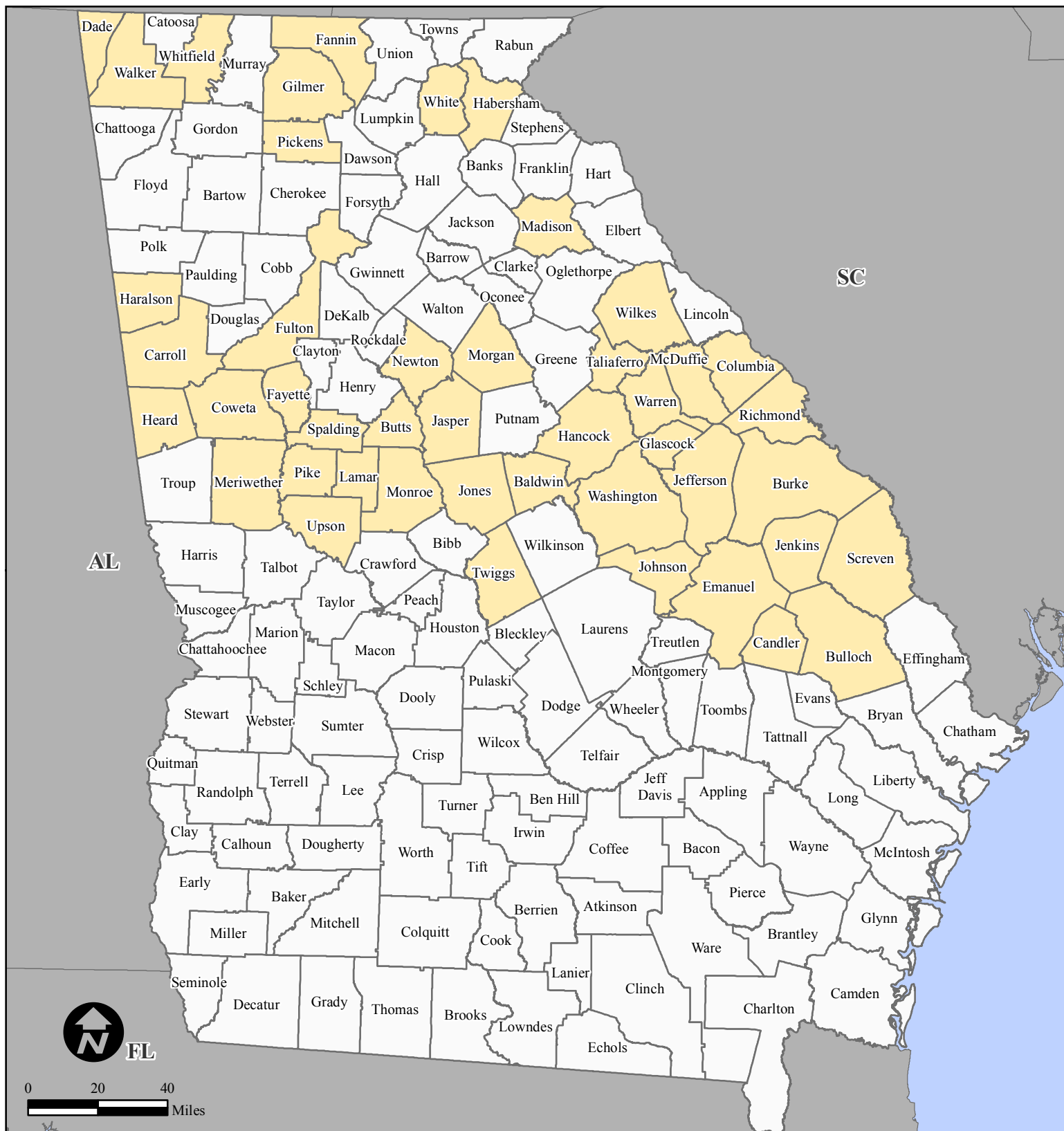
Critical Facilities All

Name	Jurisdiction	Address	Facility/Types	Risk	Area	Structure Type	Year Construction	Stories	Building Value	Contents Description	Content value	Functional Use value	Daytime Occupancy	Nighttime Occupancy
Millen City Hall/ED/PD	Millen city	919 College Ave	Emergency Services, Fire Fighters	Essential	22000	Other Building Type		1.0	5500000		1500000		0	10
Millen Community House	Millen city	517 Cleveland Ave	Government, Water/Sewer	Important	5760				780000		50000		0	
Millen Elevated Tank #1	Millen city	336 Walnut St	Government, Water/Sewer	Essential, Lifeline	100				750000				0	
Millen Elevated Tank #4	Millen city		Government, Water/Sewer	Essential, Lifeline	250				750000				0	
Millen Gas System	Millen city		Government, Water/Sewer	Essential, Lifeline, Hazardous Materials	20000				3250000				0	
Millen Groundwater Elevated Tank #1	Millen city	336 Walnut Street	Government, Water/Sewer	Essential, Lifeline	200	Steel Braced Frame	1963		750000				0	
Millen Groundwater Well #3	Millen city	110 Magnolia Ave	Government, Water/Sewer	Essential, Lifeline	200	Steel Moment Frame			500000				0	
Millen Lift Station #1-A	Millen city	Sweetwater Dr	Government, Water/Sewer	Essential	150	Other Building Type			170000				0	
Millen Lift Station #1B	Millen city	Sweetwater Dr	Government, Water/Sewer	Essential, Lifeline	150				170000				0	
Millen Mechanic Shop	Millen city	919 College Avenue	Government, Water/Sewer	Important	4000				100000		50000		0	3
Millen Natural Gas Odorizer	Millen city	947 Hiltonia Hwy	Education, Government Offices	Essential	400	Other Building Type			100000				0	0
Millen Utility Warehouse	Millen city	123 Sweetwater Dr	Government, Water/Sewer	Important	4800				372000		280000		0	
Millen Wasterwater Lift Station #1	Millen city		Government, Water/Sewer	Essential, Lifeline	150	Other Building Type			170000				0	
Millen Well #4	Millen city	3330 Park ave	Water/Sewer	Essential, Lifeline	200				500000				0	
Millen-Jenkins County Airport	Jenkins County	4525 Highway 25 North	NGO, Transportation	Transportation, Important	384	Other Building Type	1964	1.0	6000000		1000000		0	0
North Jenkins Co. VFD #3	Jenkins County		Emergency Services, Fire Fighters	Essential	2000				70000		10000		0	
North Jenkins Co. Volunteer Fire Dept. #7	Jenkins County	618 N. Jones Plantation Road	Emergency Services, Fire Fighters	Essential, Important	1280	Unknown Building Type	2006	1.0	70000		10000		80000	0
Volunteer Fire Dept. #9	Jenkins County	1629 Perkins Greenfork Road	Emergency Services, Fire Fighters	Essential, Important	4200	Unknown Building Type	2004	2.0	80000		50000		150000	0
North Jenkins VFD #2	Jenkins County		Emergency Services, Fire Fighters	Essential	2600				80000		10000		0	0

Critical Facilities All

Name	Jurisdiction	Address	Facility/Types	Risk	Area	Structure Type	Year Construction	Stories	Building Value	Contents Description	Content value	Functional Use value	Daytime Occupancy	Nighttime Occupancy
Ogeechee Behavioral Health Services Mental Retardation Services	Jenkins County	1202 Old Sylvania Road	NGO, Transportation	Important, Vulnerable Population	3300		1978	1.0	250000		15000	0	20	
Solar Array #1	Millen city	338 Walnut Street	Government, Water/Sewer	Essential		Other Building Type			115000			0	0	
Solar Array #2	Millen city	110 Magnolia Street	Government, Water/Sewer	Essential		Other Building Type	216		50000			0	0	
Solar Array 3	Millen city	202 Sweetwater Rd	Government, Water/Sewer	Essential		Other Building Type	2016		865000			0	0	
South Jenkins Co. Volunteer Fire Dept. #5	Jenkins County	5225 Elam Road	Emergency Services, Fire Fighters	Essential	2400	Unknown Building Type	2006	1.0	162500		50000	0	0	
South Jenkins VFD #6	Jenkins County	4822 W Old Savannah Rd	Emergency Services, Fire Fighters	Essential	2000				110000		250000	0	0	
									75588750	0	12833000	3480000	1821	4

FEMA-4165-DR, Georgia Disaster Declaration as of 04/24/2014



Location Map



Designated Counties

- No Designation
- Public Assistance

All counties in the State of Georgia are eligible to apply for assistance under the Hazard Mitigation Grant Program



FEMA

MSB-OCIO-AEES

Enterprise Geospatial Information Services (EGIS)

04/24/14 -- 3:23 PM EST

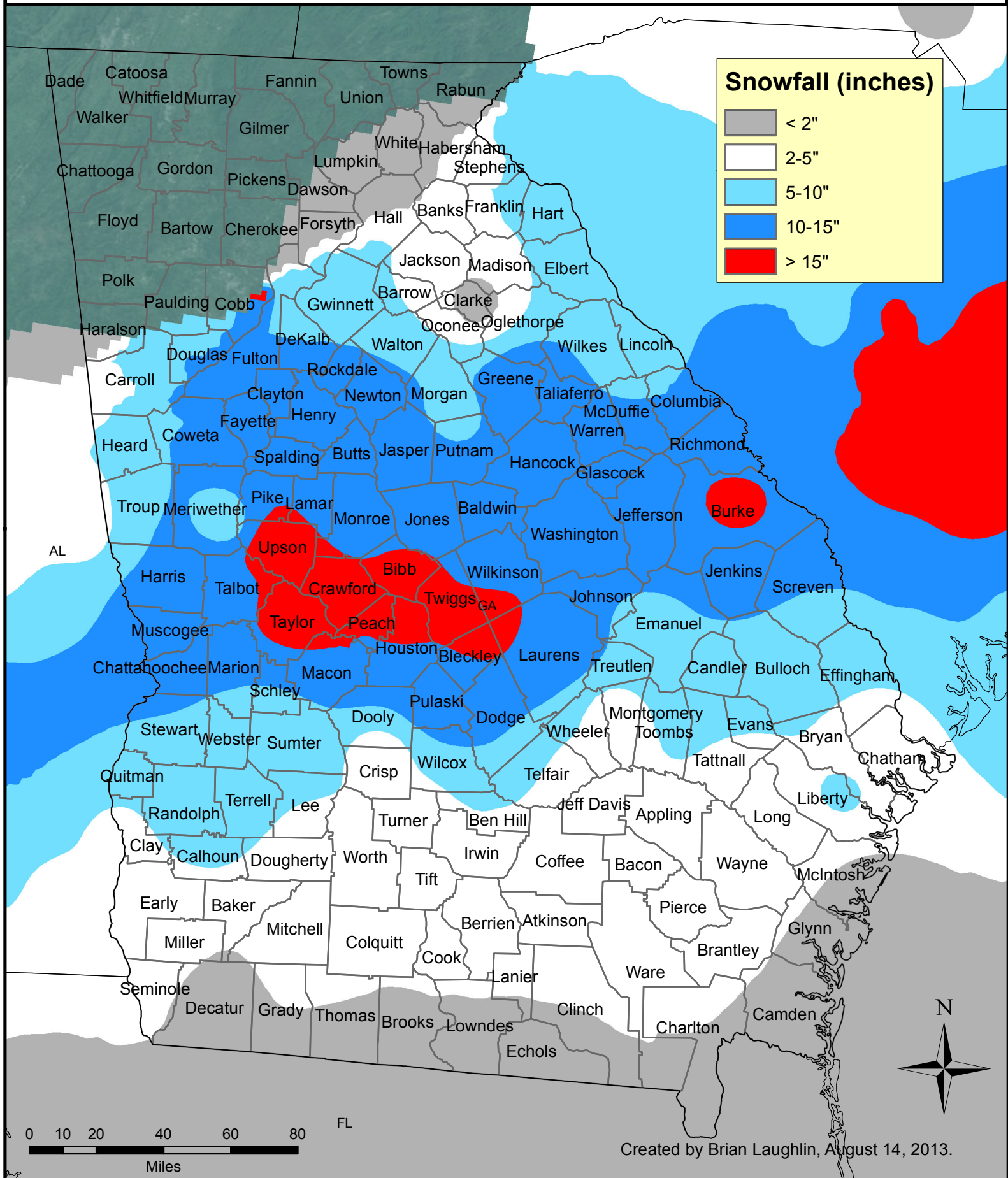
Source: Disaster Federal Registry Notice Amendment No. 3: 04/24/2014



February 9-11, 1973 Winter Storm

RSI = 12.52, Category 4

NOAA

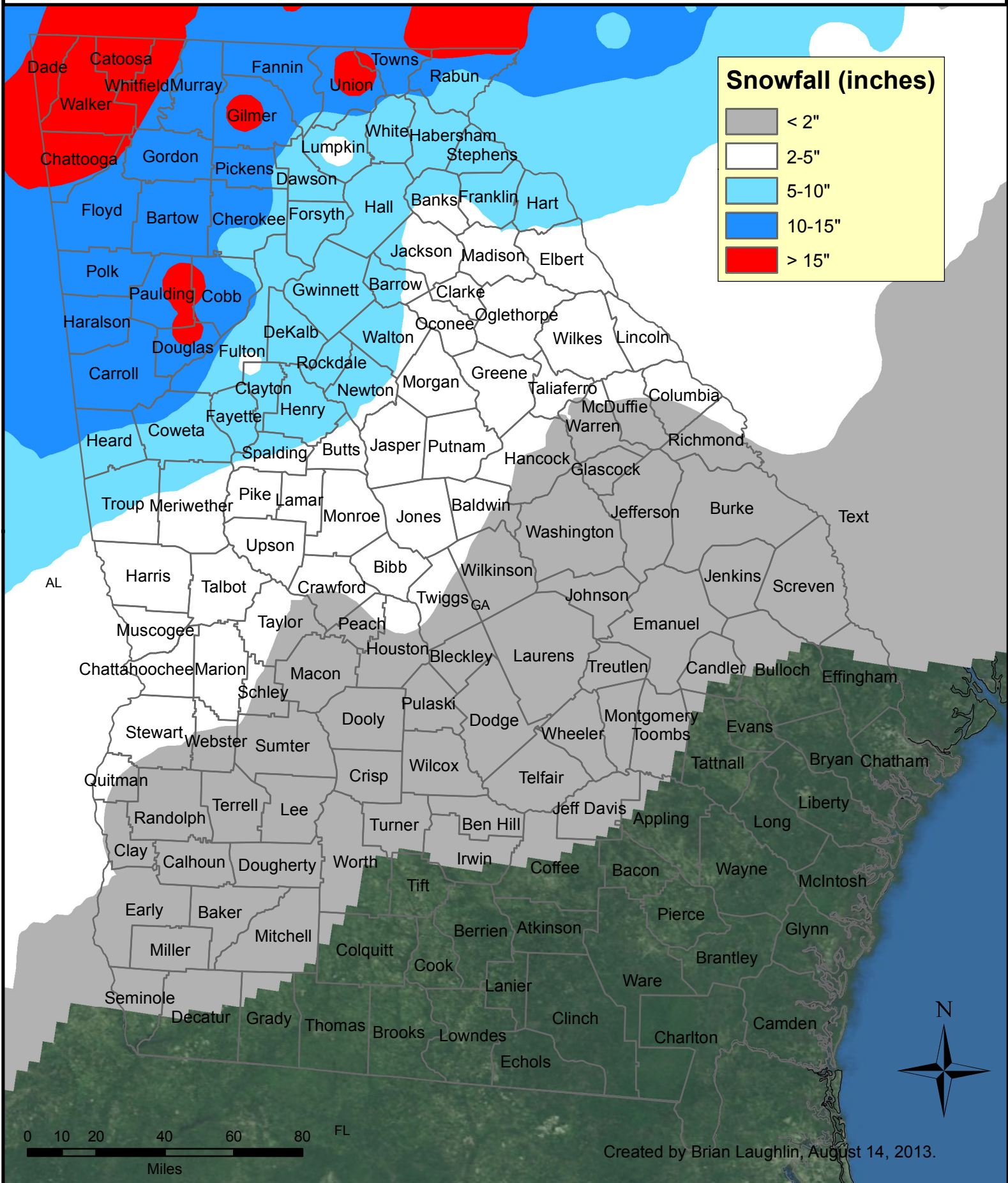




March 12-15, 1993 Winter Storm

RSI = 20.572, Category 5

NOAA





January 9-11, 2011 Winter Storm

RSI = 4.158, Category 2

NOAA

