APPENDIX A

HAZARD IDENTIFICATION, RISK ASSESSMENT AND VULNERABILTY

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.

While severe flooding within Jefferson County is a relatively infrequent event. The county has 54 streams/rivers, 39 reservoirs and three lakes which makes the potential for flooding significant. There have been eight flooding events recorded in the last 89 years. These events resulted in school closings, roads washing out and \$2 million in property damages. The flood of 1990 also caused a dam failure. The Jefferson County Hazard Frequency table calculates a 15% chance of an annual flooding event. Hazard frequency tables can be found in Appendix D for all jurisdictions. Based on tax data, parcel and flood maps all or a portion of 263 known structures/properties valued at approximately \$10.2 million and a population of 397 located in known floodplains.

Jurisdiction	Name	Hazard Score	Value	Replacement Value Year	Building size	Content value	Content value year	Functional	Facility type	Risk	Daytime Occupancy	NighttimeOc cupancy
Avera city	Avera City Hall	1	312500	2014	1000	200000	2014	0	O Government, Private Essential	Essential	1	0
	Avera Fire								Emergency Services,			
Avera city	Station	1	100000	2013	4250	200000	2013	0		Essential	0	0
	Avera Water								Government,			
Avera city	Tank	1	325000	2013	100			0	0 Water/Sewer	Essential, Lifeline	0	0
										Essential, Lifeline, Important,		
Bartow town	Bartow City Hall	0	209300	2013	1920	53500	2013	0	0 Government, Private Economic Assets	Economic Assets	З	1
	Bartow											
	Community											
	Center &								Government,			
Bartow town	Auditorium	0	1342200	2013	11232	250000	2013	0	0 Water/Sewer	Economic Assets	1	1
	Bartow Fire											
	Dept &									Essential, Lifeline,		
	Communication								Government,	Special		
Bartow town	s Bldg	0	17100	2013	64	60000	2013	0	0 Water/Sewer	Consideration	0	0
	Bartow Fire											
	Dept and									Essential, Lifeline,		
	Emergency								Emergency Services,	Important,		
Bartow town		0	330630	2013	7500	38500	2013	0	0 Fire Fighters	Economic Assets	Ľ	1
	Bartow								Government,	Historic		
Bartow town	Museum	0	826847	2013	2450		2013	0	0 Water/Sewer	Consideration	1	0
	Bartow									Essential, Lifeline,		
	wastewater Lift								Government,	Important,		
Bartow town	Station #1	0	70300	2013	100	0		0	0 Water/Sewer	Economic Assets	0	0
	Bartow									Essential, Lifeline,		
	Wastewater Lift								Government,	Important,		
Bartow town	Station #2	0	71400	2013	100	0		0	0 Water/Sewer	Economic Assets	0	0

Jurisdiction	Name	Hazard Score V	Value	Replacement Value Year	Building size	Content value	Content value year	Functional Use value	Facility type	Risk	Daytime Occupancy	NighttimeOc cupancy
Bartow town	Bartow Wastewater Lift Station #3	0	69000	2013	100	0		0	Government, 0 Water/Sewer	Essential, Lifeline, Important, Economic Assets	0	
Bartow town	Bartow Wastewater Lift Station #5	0	90200	2013	100	0		0	Government, 0 Water/Sewer	Essential, Lifeline, Important, Economic Assets	0	
Bartow town	Bartow Wastewater Sewage Effluent Pump Station	0	63700	2013	100	0		0	Government,	Essential, Lifeline, Important, Economic Assets	0	
	Bartow Wastewater Sewage Holding Pond	0	46400	2013	13509			0	Government, O Water/Sewer	Essential, Lifeline, Important, Economic Assets	0	
Bartow town	Bartow Wastewater Sewage Treatment Pond	0	50400	2013	10307	0		0	Government, O Water/Sewer	Essential, Lifeline, Important, Economic Assets	0	
Bartow town	Bartow Water Tower	0	393000	2013	100	0		0	Government, 0 Water/Sewer	Essential, Lifeline, Important, Economic Assets	0	
Bartow town	Bartow Water Well	0	111800	2013	275	0		0	Government, O Water/Sewer	Essential, Lifeline, Important, Economic Assets	0	
Bartow Bartow town Well #2	Bartow Water Well #2	0	119700	2013	275	0	0	0	Government, O Water/Sewer	Essential, Lifeline, Important, Economic Assets	0	

Jurisdiction	Name	Hazard Score	Value	Replacement	Building size	Content	Content value year	Functional Use value	Facility type	Risk	Daytime Occupancy	NighttimeOc cupancy
Bartow town	Bartow Wastewater Lift Station #4	Ъ	60500	2013	100	0		0	Government, O Water/Sewer	Essential, Lifeline, Important, Economic Assets	0	0
Jefferson County	1st Baptist Church Evac Center	0	3500000	2013	45075			C.	Law Enforcement,	Essential, Important, Special Consideration	un	0
County	Center	c	3500000	2013	450/5				U Prisons	Essential,	U	O
Jefferson County	Carver Elementary	0	12750000	2013	6600	510000	2013	0	0 NGO, Water/Sewer	Vulnerable Population	292	0
Jefferson County	Hardeman Building (Swann)	0	250000	2013	8278	17000	2013	0	0 Medical, EMS	Important, Special Consideration, Historic Consideration	–	0
Jefferson	JC Building	o.	, , ,		2	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7			Government, Government, Water/Sewer,		ن د	o.
Jefferson County	JC Radio Tower	0	27885	2013	100	8000	2013	0	Government, 0 Water/Sewer	Essential	0	0
Jefferson County	Jefferson County Library	0	66085	2013	5000	848000	2013	0	0 Education, Library	Important	10	0
Jefferson County	Jefferson County Chamber of Commerce/Mur phy House	0	361433	2013	3281	122700	2013	0	Law Enforcement,	Important, Historic Consideration	∞	0
Jefferson County	Jefferson County Commissioners Office/Long House	0	339300	2013	3080	110300	2013	C	Law Enforcement,	Essential	30	0

0	315	Population	0 NGO, Water/Sewer	3	2013	680000	59902	2013	17000000	0	School	County
		Essential, Vulnerable									Wrens Middle	Jefferson
0	637		0 NGO, Water/Sewer	3	2013	820000	78216	2013	20500000	0	Wrens Elementary	Jefferson County
0	20	Essential, Important	Education, Education, Private, O Private		2013	500000	5802	2013	1015350	0	Physicians Health Group Wrens	Jefferson County
0	12	Essential, Historic Consideration	Law Enforcement,		2013	28000	7742	2013	500000	0	Old County Jail/IT/Purchasi ng	Jefferson County
0	568	Essential, Vulnerable Population, Economic Assets	0 NGO, Water/Sewer		2013	610000	25047	2013	15250000	0	Louisville Academy Elementary	Jefferson County
150	200	Essential, Lifeline, Vulnerable Population	Medical, Medical,				76000	2013	57000000	0	Jefferson Hospital	Jefferson County
70	40	Essential, Vulnerable Population, Special Consideration	Law Enforcement,		2013	86000	4924	2013	586170	0	Jefferson County Senior Center	Jefferson County
20	20	Essential	Law Enforcement, Law Enforcement, Court House, Court O House			8400	22000	2013	24001242	0	Jefferson County Magistrate and Juvenile Court	Jefferson County
25	25	Essential, Historic Consideration	Law Enforcement, Law Enforcement, Court House, Court O House		2013	125000	6065	2013	5147708	0	Jefferson County Courthouse	Jefferson County
NighttimeOc cupancy	Daytime Occupancy	Risk	Facility type	Functional Use value	Content value year	Content value	Building size	Replacement Value Year	Value	Hazard Score	Name	Jurisdiction

Jurisdiction	Name	Hazard Score	Value	Replacement	Building Size	Content	Content value vear	Functional Use value	Facility type	Risk	Daytime Occupancy	NighttimeOc cupancy
Jefferson County	st Station	1	45700	013	5068				Government, Government, Water/Sewer, Water/Sewer	Essential, Lifeline	0	0
Jefferson County	JC Fire TowerShop/Sup ply Building	L	241236	2013	4072	9800	2013	0	Government, Government, Water/Sewer, O Water/Sewer	Essential	4	0
Jefferson	JC Recreation								Government, Government, Water/Sewer,			
County	Dept	1	1300621	2013	1867	29600	2013	0	0 Water/Sewer	Important	4	0
Jefferson	Jefferson Co.								Law Enforcement,	Essential, High Potential Loss, Important, Vulnerable		
County	Facility	1	5261231	2013	42446	833800	2013	0	0 Prisons	Population Fssential High	200	200
	Jefferson Co.									Potential Loss,		
Jefferson	Law Enforcement								Law Enforcement,	Important, Vulnerable		
County	Center Jefferson	1	8041785	2013	39892	1139700	2013	0	0 Prisons	Population	225	225
County	Transit EMA	1	2380171	2013	14040	724500	2013	0	O Prisons	Essential	10	4
Jefferson	Jefferson County Bus											
County	Shop	1	750000	2013	4920	140000	2013	0	0 Medical, Hospital	Important	5	0
Jefferson	Jefferson County Health											
County	Dept	1	841815	2013	6341	191700	2013	0	0 Education, Private	Essential	20	20
lefferson	Jefferson									Essential, Vulnerable Population		
County	School	1	55000000	2013	179142	2200000	2013	0	0 Medical, Hospital	Economic Assets	937	0

0	4	Essential	Fire Fighters	14 0	2014	850000	7200	2014	750000	0	Station	Louisville city Station
			Emergency Services,								Louisville Fire	
4	10	Essential	0 Government, Private		2013	350000	7200	2013	550000	0	Hall City	Louisville city
0	0		Government, 0 Water/Sewer	0				2016	5000000	0	Grange Rd Louisville city water Plant	Louisville city
0	0	Essential, Important	Government, 0 Water/Sewer	0			100	2006	500000	0	_	Louisville city
75	75	Economic Assets, Important, Vulnerable Population	Education, Education, VoTech, VoTech	0	U	7500	10000	2013	1930505	Ь	Sandersville Tech	Jefferson County
0	50	Essential, High Potential Loss, Important, Vulnerable Population	Law Enforcement,) Prisons	0	2013		10650	2013	900000	ь	Ogeechee Service Center	Jefferson County
0	0	Essential, Lifeline	Government, Government, Water/Sewer, Water/Sewer	C			2052	2013	47500	1	Matthews Station	Jefferson County
0	354	Essential, Vulnerable Population	0 NGO, Water/Sewer		2013	940000	81642	2013	23500000	ъ	Louisville Middle School	Jefferson County
0	∞	Essential, Historic Consideration	Law Enforcement, Law Enforcement, O Prisons, Prisons	0			1000	2013	12000	1	Lions Club Evac. Center	Jefferson County
0	0	Important	Government, Water/Sewer	0			10000	2013	1500000	1	JEFFERSON CO- US 1 (AVERA RD) (SL)	Jefferson County
6	o o	Hazardous Materials, Important	NGO, NGO, Water/Sewer, O Water/Sewer		2013	363200	15000	2013	1062166	1	Jefferson County Landfill (New)	Jefferson County
NighttimeOc cupancy	Daytime I	Risk	Facility type	Functional r Use value	Content value year	Content	Building size	Replacement Value Year	Value	Hazard Score	Name	Jurisdiction

0	Transportation, Important	O NGO, Transportation Important	0)	3200	2013	543665	1	Louisville City Airport	Louisville city Airport
0	Essential, Lifeline	Government, 0 Water/Sewer	0			100	2013	175000	ь	Booster pump station	Louisville city station
0	Essential, Lifeline	Government, Government, Water/Sewer, Water/Sewer	C		<u> </u>	100	2016	150000	0	US # 1 Bypass Lift Station	US # 1 Byp:
20	Important	Government, 0 Water/Sewer		2014	500000	9560	2014	2400000	0	Physicians Health Group Louisville	Louisville city
225	Vulnerable Population	0 Education, Library	0		10	45062	2013	5000000	0	OCI Nursing Home	CCI No Louisville city Home
10	Important, Vulnerable Population	Government, O Water/Sewer	C		7	7207	2014	1261225	0	NCA Northside Louisville city Dialysis Center	Louisville city
0	Essential, Lifeline	Government, Government, Water/Sewer, Water/Sewer	C			1000	2016	150000	0	McBride Lift Station	McBrid Louisville city Station
0	Special Consideration, Historic Consideration	Government, O Water/Sewer	C			600	2013	100000	0	Louisville city Market House	Louisville city
2	Essential, Hazardous Materials, Lifeline	Government, 0 Water/Sewer	C				2016	15000000	0	Louisville city Louisville WPCP	Louisville city
0	Essential, Lifeline, Important	Government, O Water/Sewer	0			2400	2014	4425000	0	Louisville Water Works	Louisville city Works
0	Important	0 Government, Private Important	0			10000	2006	500000	0	Louisville OLD City Hall	Louisville city
Daytime NighttimeOc Occupancy cupancy	Da Risk Oc	Facility type	Functional Use value	Content value year	Content	Building size	Replacement Value Year	Value	Hazard Score	Name	Jurisdiction

0	5	Assets	Government, Private Assets	0	2014	250000	3645	2014	1500000	0	Hall	Wadley city
		Essential, Economic									Wadley City	
0	10	Important) Education, Private	0	2013	250000	2318	2013	405650	0	Physicans Health Group Wadley	Wadley city
90	120	Important, Vulnerable Population, Economic Assets, Special Consideration	Government, O Water/Sewer		2014	750000	. 26500	2014	1610863	0	Glendale Nursing Home	Wadley city
0	0	Essential, Lifeline, Important	Government, 200000 Water/Sewer	200000			100	2012	500000	0	Stapleton Water Tank #2	Stapleton
0	0	Essential, Lifeline, Economic Assets	Government, 200000 Water/Sewer	200000			100	2012	500000	0	Stapleton Water Tank #1	Stapleton
0	0	Essential, Lifeline, Important	Emergency Services,		2012	700000	6000	2012	394800	0	Stapleton Fire house & Emergency Shelter	Stapleton
0	2	Essential	150000 Government, Private		2012	30000	3000	2012	383700	0	Stapleton City Hall & Emergency Shelter	Stapleton
0	0		Government, 0 Water/Sewer	C			100	2014	712500	Ъ	Louisville Water Tower	Louisville city
0	0	Essential, Lifeline	Government, 125000 Water/Sewer	125000			50	2014	125000	Ь	Louisville Tech	Louisville city
0	0	Essential, Lifeline	Government, 150000 Water/Sewer	150000			50	2014	150000	1	Louisville Lift Station at HS	Louisville city
0	0	Essential, Important, Special Consideration	Government, 0 Water/Sewer	C			100	2014	950000	L	Louisville City Louisville city WaterTower	Louisville city
NighttimeOc cupancy	Daytime N	Risk	Facility type	Functional Use value	Content value year	Content	Building size	Replacement Value Year	Value	Hazard Score	Name	Jurisdiction

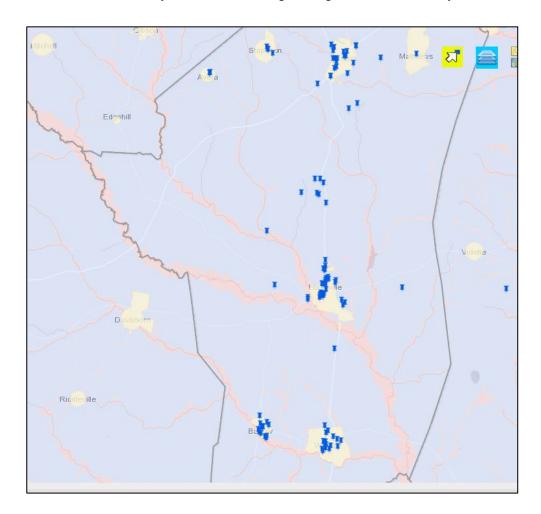
Jurisdiction	Name	Hazard Score	Value	Replacement Value Year	Building size	Content value	Content value year	Functional Use value	Facility type	Risk	Daytime Occupancy	NighttimeOc cupancy
Wadley city	Wadley Community Complex	0	00000	014	6000				Government,	Important, Economic Assets, Historic Consideration	0	0
Wadley city	Wadley Elevated Water Tank	0	650000	2013	100			0	Government, 0 Water/Sewer	Essential, Lifeline	0	0
Wadley city	Wadley Fire Station	0	300000	2018		500000	2018	0	Emergency Services,	Essential	0	0
									Emergency Services,	Important, Historic		
Wadley city	Wadley Gym	0	400000	2014	1200			0	Fire Fighters	Consideration	0	0
Wadley city	Station #1	0	20690	2018				0	0 Water/Sewer	Essential	0	0
	Wadley Lift)		,					Government,)	o .
vvadicy city	Wadley Lift	c	20000	2010					Government.	Logericiai	c	c
Wadley city	Station #3	0	20690	2018				0	0 Water/Sewer	Essential	0	0
	Wadley Lift								Government,			
Wadley city	Station #4	0	20690	2018				0	0 Water/Sewer	Essential	0	0
	Wadley Lift								Government,			
Wadley city	Station #5	0	20690	2018				0	Water/Sewer		0	0
	Wadley Lift)								7	o	<u> </u>
vv duley city	Wadley Police	c	06907	9107					law Enforcement	ESSELICIAL	C	c
Wadley city	Department	0	500000	2018		100000	2018	0		Essential	6	2
	Wadley Public									Important,		
Wadley city	Library	0	510000	2013	3114	538200	2013	0	0 Education, Library	Economic Assets	5	5
	Wadley Water								Government,			
Wadley city	Tower #2	0	500000	2013	100			0	0 Water/Sewer	Essential, Lifeline	0	0
	Wadley Well								Government,			
Wadley city	House	0	600000	2013	100			0	0 Water/Sewer	Essential, Lifeline	0	0
	Bushy Creek Lift								Government,			
Wrens city	Station	0	400000	2014	100			0	0 Water/Sewer	Essential, Lifeline	0	0

Jurisdiction	Name	Hazard Score	Value	Replacement Value Year	Building size	Content value	Content value year	Functional Use value	Facility type	Risk	Daytime Occupancy	NighttimeOc cupancy
	Water Booster								Government,			
Wrens city	Station	0	500000	2012	1000			0	0 Water/Sewer	Essential, Lifeline	0	
										Essential, Economic		
Wrens city	Wrens City Hall	0	1125000	2013	7500	150000		0	Government, Private Assets	Assets	10	_
	Wrens											'
	Community								Emergency Services,			_
Wrens city	Center	0	500000	2014	3400	50000		0		Economic Assets	20	
										Important,		
	Wrens Medical								Government,	Vulnerable		
Wrens city	Center	0	875000	2014	400	200000		0	0 Water/Sewer	Population	20	
										Important,		
										Economic Assets,		
	Wrens Old									Historic		
Wrens city	Library Building	0	625000	2013	3000	549200	2013	0	0 Education, Library	Consideration	0	
	Wrens Water											
	Pumping								Government,	Essential, Lifeline,		
Wrens city	Station	0	300000	2014	144	50000		0	0 Water/Sewer	Economic Assets	0	
	Wrens Water											
	Pumping								Government,	Essential, Lifeline,		
Wrens city	Station	0	75000	2014	800	25000		0	0 Water/Sewer	Economic Assets	0	
	Wrens Water								Government,	Essential, Lifeline,		
Wrens city	Tank	0	625000	2014	200			0	0 Water/Sewer	Economic Assets	0	
	Wrens Water								Government,			
Wrens city	Tank	0	625000	2014	150			0	0 Water/Sewer	Essential, Lifeline	0	
	Wrens Water								Government,			
Wrens city	Tank	0	625000	2014	200			0	0 Water/Sewer	Essential, Lifeline	0	
										Essential, Lifeline,		
	Border Regulator								Law Enforcement,	High Potential Loss, Hazardous		
Wrens city	Station	Ľ	100000	2012	100			0	0 Court House	Materials	0	

0	0	Essential, Lifeline	Government, O Water/Sewer	0			100	2014	400000	1	Station Litt	Wrens city
											Waynesboro	
0	0	Essential, Lifeline	Government, O Water/Sewer	0)	100	2014	350000	1	Station Station	Wrens city
0	0	Essential, Lifeline, Hazardous Materials	Government, O Water/Sewer				50	2012	750000	12	Southern Tap	Wrens city
0	0	Essential, Lifeline, Hazardous Materials	Law Enforcement,			U	50	2014	750000	1	Southern Tap	Wrens city
0	0	Essential, Lifeline	Government, 0 Water/Sewer	0			50	2014	750000	ь	King Mill Well (Well E)	Wrens city
0	0	Essential, Lifeline, Hazardous Materials	Emergency Services, O Fire Fighters	0			1955	2014	250000	1	Ka-Min #2	Wrens city
0	0	Essential, Lifeline, High Potential Loss, Hazardous Materials, Important	Law Enforcement,	0			10	2014	250000	1	KA-MIN #1	Wrens city
0	0	Essential, Hazardous Materials	Emergency Services, Fire Fighters	0			10	2014	300000	Ь	IMERYS Meter Set	Wrens city
0	0	Essential, Lifeline	Government, 0 Water/Sewer	0			100	2014	350000	1	Highway 88 Lift Station	Wrens city
0	0	Essential, Lifeline, Hazardous Materials	Law Enforcement, O Court House	0			100	2012	225000	12	Calcine Meter Set	Wrens city
NighttimeOc cupancy	Daytime N	Risk	Facility type	Functional Use value	Content value year	Content	Building size	Replacement Value Year	Value	Hazard Score	Name	Jurisdiction

1099	4549			925000		1008201 17865100	1008201		328905013			
0	0	Economic Assets	0 Water/Sewer	0		125000	1400	2014	3250000	ω	Plant	Wrens city
		Materials,	Government,								Treatment	
		Hazardous									Wrens Sewage	
		Essential,										
0	0	Essential, Lifeline	0 Water/Sewer	0			100	2014	300000	ω	Lift Station	Wrens city
			Government,								West Walker St	
0	0	Economic Assets	0 Water/Sewer	0			250	2014	687500	1	Tank	Wrens city
		Essential, Lifeline,	Government,								Wrens Water	
C	C	Economic Assets	U water/sewer			25000	800	2014	125000	-	Station	wrens city
))	Essential, Lifeline,	Government,)						•	Pumping	:
											Wrens Water	
NighttimeOc cupancy	Daytime N Occupancy c	Risk	Facility type	Functional Use value	Content value year	Content value	Building size	Replacement Value Year		Hazard Score Value	Name	Jurisdiction

Jefferson County Flood Plains Georgia Mitigation Information System



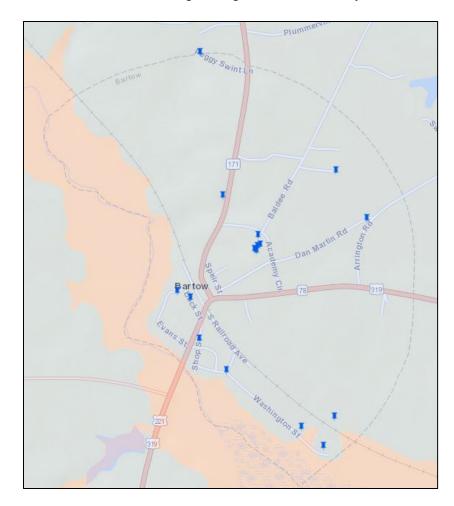
Score	Original Value	Description
	Floodway	Floodway (within zone AE)
4	V	1% with Velocity no Base Flood Elevation (BFE)
	VE	1% with Velocity BFE
	A	1% Annual Chance no BFE
	A99	1% Federal flood protection system
3	AE	1% has BFE
3	AH	1% Ponding has BFE
	AO	1% Sheet Flow has depths
	AR	1% Federal flood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

Avera Flood Plains Georgia Mitigation Information System



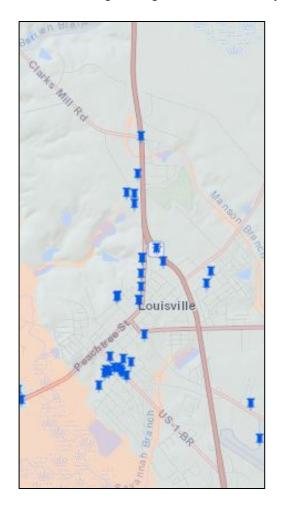
Score	Original Value	Description
	Floodway	Floodway (within zone AE)
4	V	1% with Velocity no Base Flood Elevation (BFE)
	VE	1% with Velocity BFE
	A	1% Annual Chance no BFE
	A99	1% Federal flood protection system
3	AE	1% has BFE
3	AH	1% Ponding has BFE
	AO	1% Sheet Flow has depths
	AR	1% Federal flood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

Bartow Flood Plains Georgia Mitigation Information System



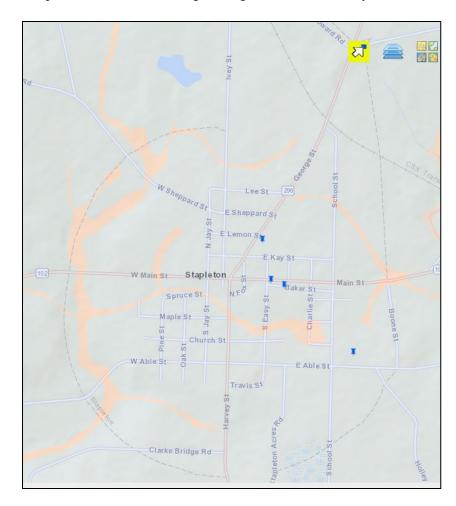
Score	Original Value	Description
	Floodway	Floodway (within zone AE)
4	V	1% with Velocity no Base Flood Elevation (BFE)
	VE	1% with Velocity BFE
	A	1% Annual Chance no BFE
	A99	1% Federal flood protection system
3	AE	1% has BFE
3	AH	1% Ponding has BFE
	AO	1% Sheet Flow has depths
	AR	1% Federal flood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

Louisville Flood Plains Georgia Mitigation Information System



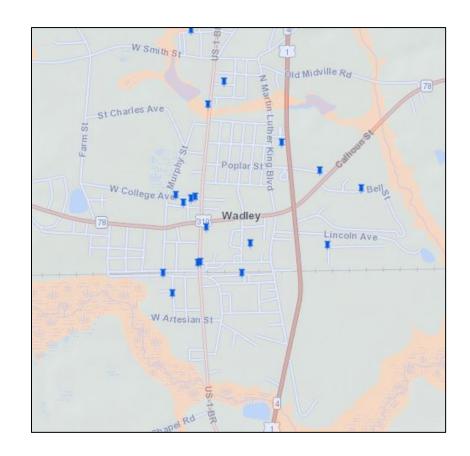
Score	Original Value	Description
	Floodway	Floodway (within zone AE)
4	V	1% with Velocity no Base Flood Elevation (BFE)
	VE	1% with Velocity BFE
	A	1% Annual Chance no BFE
	A99	1% Federal flood protection system
3	AE	1% has BFE
3	AH	1% Ponding has BFE
	AO	1% Sheet Flow has depths
	AR	1% Federal flood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

Stapleton Flood Plains Georgia Mitigation Information System



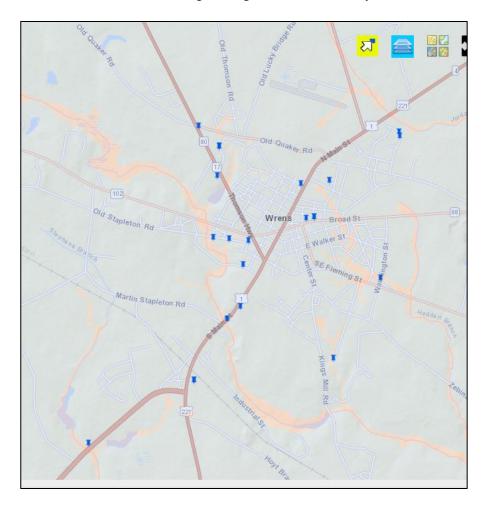
Score	Original Value	Description
	Floodway	Floodway (within zone AE)
4	V	1% with Velocity no Base Flood Elevation (BFE)
	VE	1% with Velocity BFE
	A	1% Annual Chance no BFE
	A99	1% Federal flood protection system
3	AE	1% has BFE
3	AH	1% Ponding has BFE
	AO	1% Sheet Flow has depths
	AR	1% Federal flood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

Wadley Flood Plains Georgia Mitigation Information System



Score	Original Value	Description
	Floodway	Floodway (within zone AE)
4	V	1% with Velocity no Base Flood Elevation (BFE)
	VE	1% with Velocity BFE
	A	1% Annual Chance no BFE
	A99	1% Federal flood protection system
3	AE	1% has BFE
3	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
1	D	Undetermined but possible
0	UNDES	Undesignated
0	X	Outside Flood Zones

Wrens Flood Plains Georgia Mitigation Information System



Score	Original Value	Description
	Floodway	Floodway (within zone AE)
4	V	1% with Velocity no Base Flood Elevation (BFE)
	VE	1% with Velocity BFE
	A	1% Annual Chance no BFE
	A99	1% Federal flood protection system
3	AE	1% has BFE
3	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
1	D	Undetermined but possible
0	UNDES	Undesignated
U	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.

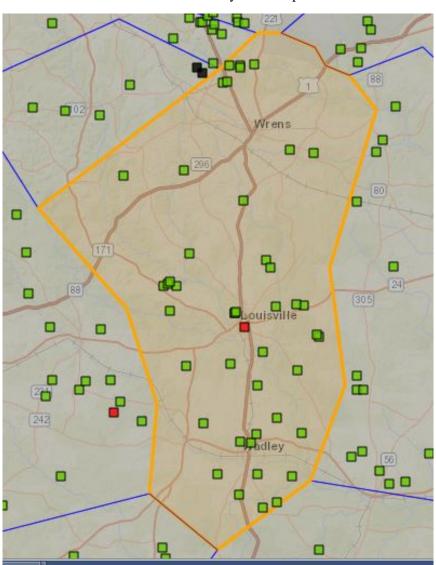
Dams are classified into three categories:

- 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.

A review of the National Inventory of Dams shows that Jefferson County has 41 dams with 40 classified as low hazard and 1 classified as high hazard. A high hazard classification is based upon the finding that a probable loss of life would occur in the event of a dam failure. If the 1 high hazard dam fails there is the potential for loss of life and property and economic losses. The remaining 40 dams are low hazard were potential losses are limited to minimal property damage.

The potential losses due to dam failure flooding are unknown and cannot be estimated at this time. The GMIS report has critical facilities replacement at more than \$328 million with a population of 4,549. The County has population of 16,930 and 40,626 structures/properties valued at slightly less than \$1.3 billion at risk of potential loss. (*See Appendix A Section II and Appendix D*).

Jefferson County Dam Map





Drought

Drought is not spatially defined and has the potential to affect the entire planning area equally. Jefferson County has a total area of 339,991 acres of which 14,847 acres (4.4%) dedicated to agricultural and 287,186 acres (84.5%) dedicated to forestry. According to the USDA 2017 Census of Agriculture 14,823 head of livestock. Agricultural losses due to drought have been the primary losses. No critical facilities have sustained any damage or functional downtime due to dry weather conditions. The last drought event in Jefferson County ran from August 2016 to January 2017.

There have been 26 drought events in the county in the last 69 years with estimated crop losses at \$6.6 million. According to the USDA Farm Subsidies Database, from 1995-2017, Jefferson County received a total of \$93.3 million in farm subsidy payments of which an \$11.3 million was for disaster assistance. *Historical data is only for the county as a whole.* Based on a 20-year cycle hazard history along with available data there is a 120% chance of an annual drought event in Jefferson 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 Jefferson County as a whole, there are a total of 7,690 agricultural/forestry properties in Jefferson County valued at more than \$467 million with a population of 622 and includes 14,830 head of livestock that are at the greatest risk due to a drought event. There is a population of 16,930 and approximately 40,626 structures/properties in the county with a value just slightly less than \$1.3 billion which could be affected if wildfires break out as a result of drought conditions.

WEEK	None	D0	D1	D2	D3	D4	DSCI
1/29/2019	100	0	0	0	0	0	0
1/22/2019	100	0	0	0	0	0	0
1/15/2019	100	0	0	0	0	0	0
1/8/2019	100	0	0	0	0	0	0
1/1/2019	100	0	0	0	0	0	0
12/25/2018	100	0	0	0	0	0	0
12/18/2018	100	0	0	0	0	0	0
12/11/2018	100	0	0	0	0	0	0
12/4/2018	100	0	0	0	0	0	0
11/27/2018	100	0	0	0	0	0	0
11/20/2018	100	0	0	0	0	0	0
11/13/2018	100	0	0	0	0	0	0
11/6/2018	100	0	0	0	0	0	0
10/30/2018	100	0	0	0	0	0	0
10/23/2018	55.09	44.91	0	0	0	0	45
10/16/2018	55.09	44.91	0	0	0	0	45
10/9/2018	19.03	43.44	37.54	0	0	0	119
10/2/2018	19.03	43.44	37.54	0	0	0	119
9/25/2018	20.36	44.84	34.8	0	0	0	114
9/18/2018	33.33	66.62	0.05	0	0	0	67
9/11/2018	33.33	66.67	0	0	0	0	67
9/4/2018	33.33	66.67	0	0	0	0	67
8/28/2018	100	0	0	0	0	0	0
8/21/2018	100	0	0	0	0	0	0
8/14/2018	100	0	0	0	0	0	0
8/7/2018	100	0	0	0	0	0	0
7/31/2018	100	0	0	0	0	0	0
7/24/2018	100	0	0	0	0	0	0
7/17/2018	100	0	0	0	0	0	0
7/10/2018	100	0	0	0	0	0	0
7/3/2018	100	0	0	0	0	0	0
6/26/2018	100	0	0	0	0	0	0
6/19/2018	100	0	0	0	0	0	0
6/12/2018	100	0	0	0	0	0	0
6/5/2018	100	0	0	0	0	0	0
5/29/2018	100	0	0	0	0	0	0
5/22/2018	6.51	93.49	0	0	0	0	93
5/15/2018	0	7.07	92.93	0	0	0	193
5/8/2018	0	7.07	92.93	0	0	0	193
5/1/2018	0	7.07	92.93	0	0	0	193
4/24/2018	0	0	100	0	0	0	200
4/17/2018	0	0	100	0	0	0	200
4/10/2018	0	0	100	0	0	0	200
4/3/2018	0	22.95	77.05	0	0	0	177
3/27/2018	0	22.94	77.06	0	0	0	177
3/20/2018	0	22.94	77.06	0	0	0	177

3/13/2018 0 0 100 0 0 200 3/6/2018 0 30.86 69.14 0 0 0 169 2/27/2018 0 100 0 0 0 0 100 2/20/2018 0 100 0 0 0 0 100 2/6/2018 0 100 0 0 0 0 100 1/30/2018 0 100 0 0 0 0 100 1/23/2018 0 39.69 60.31 0 0 160 1/9/2018 0 35.31 64.69 0 0 0 165 1/2/2018 0 35.31 64.69 0 0 0 165 1/2/2018 0 35.31 64.69 0 0 0 165 1/2/2017 0 30.67 69.33 0 0 0 169 12/12/2017	WEEK	None	D0	D1	D2	D3	D4	DSCI
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2/27/2018 0 100 0 0 0 100 2/20/2018 0 100 0 0 0 0 100 2/13/2018 0 100 0 0 0 0 100 2/6/2018 0 100 0 0 0 0 100 1/30/2018 0 100 0 0 0 0 100 1/2/32018 0 39.69 60.31 0 0 160 1/16/2018 0 35.31 64.69 0 0 0 165 1/2/2018 0 35.31 64.69 0 0 0 165 1/2/2017 0 30.67 69.33 0 0 0 169 12/12/2017 0 30.67 69.33 0 0 0 169 12/5/2017 0 0 100 0 0 0 200 11/28/2017		0	30.86		0		0	
2/20/2018		0			0		0	
2/13/2018 0 100 0 0 0 100 2/6/2018 0 100 0 0 0 0 100 1/30/2018 0 100 0 0 0 0 100 1/23/2018 0 39.69 60.31 0 0 160 1/9/2018 0 35.31 64.69 0 0 0 165 1/2/2018 0 35.31 64.69 0 0 0 165 1/2/26/2017 0 35.31 64.69 0 0 0 165 12/19/2017 0 30.67 69.33 0 0 0 169 12/19/2017 0 30.67 69.33 0 0 0 169 12/19/2017 0 0 100 0 0 0 200 11/28/2017 0 0 100 0 0 0 170 11/24/201								
2/6/2018								
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1/23/2018 0 39.69 60.31 0 0 160 1/16/2018 0 39.69 60.31 0 0 0 160 1/9/2018 0 35.31 64.69 0 0 0 165 1/2/26/2017 0 35.31 64.69 0 0 0 165 12/19/2017 0 30.67 69.33 0 0 0 169 12/15/2017 0 30.67 69.33 0 0 0 169 12/15/2017 0 0 100 0 0 0 20 11/28/2017 0 0 100 0 0 0 20 11/28/2017 0 29.59 70.41 0 0 0 170 11/14/2017 0 29.59 70.41 0 0 0 170 11/7/2017 8.98 91.02 0 0 0 0 91		0		0	0	0	0	
1/16/2018 0 39.69 60.31 0 0 160 1/9/2018 0 35.31 64.69 0 0 0 165 1/2/2018 0 35.31 64.69 0 0 0 165 12/26/2017 0 35.31 64.69 0 0 0 165 12/19/2017 0 30.67 69.33 0 0 0 169 12/5/2017 0 100 0 0 0 200 11/28/2017 0 100 0 0 0 200 11/21/2017 0 29.59 70.41 0 0 0 170 11/14/2017 0 29.59 70.41 0 0 0 170 11/17/2017 8.98 91.02 0 0 0 91 10/31/2017 8.98 91.02 0 0 0 91 10/17/2017 8.5 9		0	39.69	60.31	0	0	0	
1/2/2018 0 35.31 64.69 0 0 0 165 12/26/2017 0 35.31 64.69 0 0 0 165 12/19/2017 0 30.67 69.33 0 0 0 169 12/5/2017 0 0 100 0 0 0 200 11/28/2017 0 0 100 0 0 0 200 11/28/2017 0 0 100 0 0 0 200 11/21/2017 0 29.59 70.41 0 0 170 11/14/2017 8.98 91.02 0 0 0 170 11/17/2017 8.98 91.02 0 0 0 91 10/14/2017 8.98 91.02 0 0 0 91 10/17/2017 8.5 91.5 0 0 0 0 91 10/17/2017 8.5 91.5 0 0 0 0		0	39.69	60.31	0	0	0	160
12/26/2017 0 35.31 64.69 0 0 165 12/19/2017 0 30.67 69.33 0 0 0 169 12/12/2017 0 30.67 69.33 0 0 0 169 12/5/2017 0 0 100 0 0 0 200 11/28/2017 0 0 100 0 0 0 200 11/21/2017 0 29.59 70.41 0 0 0 170 11/14/2017 8.98 91.02 0 0 0 0 170 11/7/2017 8.98 91.02 0 0 0 0 91 10/12/2017 8.98 91.02 0 0 0 0 91 10/17/2017 8.8 91.02 0 0 0 0 91 10/17/2017 100 0 0 0 0 0 0 9	1/9/2018	0	35.31	64.69	0	0	0	165
12/19/2017 0 30.67 69.33 0 0 0 169 12/12/2017 0 30.67 69.33 0 0 0 169 12/5/2017 0 0 100 0 0 200 11/28/2017 0 0 100 0 0 200 11/21/2017 0 29.59 70.41 0 0 0 170 11/14/2017 0 29.59 70.41 0 0 0 170 11/17/2017 8.98 91.02 0 0 0 91 10/31/2017 8.98 91.02 0 0 0 91 10/17/2017 8.98 91.02 0 0 0 91 10/17/2017 8.98 91.52 0 0 0 0 91 10/17/2017 100 0 0 0 0 0 0 0 10/3/2017 100	1/2/2018	0	35.31	64.69	0	0	0	165
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12/5/2017 0 0 100 0 0 200 11/28/2017 0 0 100 0 0 200 11/21/2017 0 29.59 70.41 0 0 0 170 11/14/2017 8.98 91.02 0 0 0 0 91 10/31/2017 8.98 91.02 0 0 0 0 91 10/17/2017 8.98 91.02 0 0 0 0 91 10/17/2017 8.98 91.02 0 0 0 0 91 10/17/2017 8.98 91.02 0 0 0 0 91 10/17/2017 8.5 91.5 0 0 0 0 92 10/10/2017 100 0 0 0 0 0 0 0 9/26/2017 100 0 0 0 0 0 0 0	12/19/2017	0	30.67	69.33	0	0	0	169
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11/21/2017 0 29.59 70.41 0 0 170 11/14/2017 0 29.59 70.41 0 0 0 170 11/7/2017 8.98 91.02 0 0 0 0 91 10/31/2017 8.98 91.02 0 0 0 0 91 10/17/2017 8.5 91.5 0 0 0 0 92 10/10/2017 100 0 0 0 0 0 0 0 10/3/2017 100 <	12/5/2017	0	0	100	0	0	0	200
11/14/2017 0 29.59 70.41 0 0 0 91 11/7/2017 8.98 91.02 0 0 0 0 91 10/31/2017 8.98 91.02 0 0 0 0 91 10/24/2017 8.98 91.02 0 0 0 0 91 10/17/2017 8.5 91.5 0 0 0 0 92 10/10/2017 100 0 0 0 0 0 0 0 10/3/2017 100 0	11/28/2017	0	0	100	0	0	0	200
11/7/2017 8.98 91.02 0 0 0 91 10/31/2017 8.98 91.02 0 0 0 91 10/24/2017 8.98 91.02 0 0 0 91 10/17/2017 8.5 91.5 0 0 0 0 92 10/10/2017 100 0	11/21/2017	0	29.59	70.41	0	0	0	170
10/31/2017 8.98 91.02 0 0 0 91 10/24/2017 8.98 91.02 0 0 0 92 10/17/2017 8.5 91.5 0 0 0 0 92 10/10/2017 100 0		0	29.59	70.41	0	0	0	170
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10/3/2017 100 0 <td< td=""><td></td><td></td><td>91.5</td><td></td><td>0</td><td></td><td></td><td>92</td></td<>			91.5		0			92
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6/27/2017 0 100 0 0 0 0 100 6/20/2017 0 85.55 14.45 0 0 0 114 6/13/2017 0 85.55 14.45 0 0 0 114 6/6/2017 0 72.37 27.63 0 0 0 128 5/30/2017 0 58.39 41.61 0 0 0 142 5/23/2017 0 58.39 41.61 0 0 0 142 5/16/2017 0 58.38 41.62 0 0 0 142 5/9/2017 0 58.38 41.62 0 0 0 142								
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5/9/2017 0 58.38 41.62 0 0 0 142								
D/Z/ZUI/ U DB.58 41.0Z U U U 14/	5/2/2017	0	58.38	41.62	0	0	0	142

WEEK	None	D0	D1	D2	D3	D4	DSCI
4/25/2017	0	58.38	41.62	0	0	0	142
4/18/2017	0	58.39	41.61	0	0	0	142
4/11/2017	25.14	74.86	0	0	0	0	75
4/4/2017	25.14	74.86	0	0	0	0	75
3/28/2017	25.14	74.86	0	0	0	0	75
3/21/2017	37.78	62.22	0	0	0	0	62
3/14/2017	100	0	0	0	0	0	0
3/7/2017	100	0	0	0	0	0	0
2/28/2017	100	0	0	0	0	0	0
2/21/2017	100	0	0	0	0	0	0
2/14/2017	100	0	0	0	0	0	0
2/7/2017	100	0	0	0	0	0	0
1/31/2017	100	0	0	0	0	0	0
1/24/2017	100	0	0	0	0	0	0
1/17/2017	0	100	0	0	0	0	100
1/10/2017	0	100	0	0	0	0	100
1/3/2017	0	0	100	0	0	0	200
12/27/2016	0	0	0	59.35	40.65	0	341
12/20/2016	0	0	0	59.35	40.65	0	341
12/13/2016	0	0	0	59.35	40.65	0	341
12/6/2016	0	0	0	59.35	40.65	0	341
11/29/2016	0	0	0.92	76.3	22.78	0	322
11/22/2016	0	0	74.99	25	0.01	0	225
11/15/2016	0	45.88	53.82	0.3	0	0	154
11/8/2016	0	45.88	54.12	0	0	0	154
11/1/2016	12.02	40.65	47.32	0	0	0	135
10/25/2016	12.02 12.02	40.65 40.65	47.32 47.32	0	0	0	135 135
10/18/2016	12.02	86.76	1.02	0	0	0	89
10/4/2016	15.41	84.59	0	0	0	0	85
9/27/2016	15.23	84.77	0	0	0	0	85
9/20/2016	98.59	1.41	0	0	0	0	1
9/13/2016	98.59	1.41	0	0	0	0	1
9/6/2016	98.59	1.41	0	0	0	0	1
8/30/2016	0	98.71	1.29	0	0	0	101
8/23/2016	0	98.71	1.29	0	0	0	101
8/16/2016	11.48	88.47	0.05	0	0	0	89
8/9/2016	54.26	45.74	0	0	0	0	46
8/2/2016	54.26	45.74	0	0	0	0	46
7/26/2016	54.26	45.74	0	0	0	0	46
7/19/2016	54.26	45.74	0	0	0	0	46
7/12/2016	100	0	0	0	0	0	0
7/5/2016	100	0	0	0	0	0	0
6/28/2016	100	0	0	0	0	0	0
6/21/2016	100	0	0	0	0	0	0
6/14/2016	100	0	0	0	0	0	0

WEEK	None	D0	D1	D2	D3	D4	DSCI
6/7/2016	100	0	0	0	0	0	0
5/31/2016	52.68	47.32	0	0	0	0	47
5/24/2016	32.21	67.79	0	0	0	0	68
5/17/2016	8.85	91.15	0	0	0	0	91
5/10/2016	8.85	91.15	0	0	0	0	91
5/3/2016	8.85	91.15	0	0	0	0	91
4/26/2016	100	0	0	0	0	0	0
4/19/2016	100	0	0	0	0	0	0
4/12/2016	100	0	0	0	0	0	0
4/5/2016	100	0	0	0	0	0	0
3/29/2016	81.07	18.93	0	0	0	0	19
3/22/2016	99.98	0.02	0	0	0	0	0
3/15/2016	100	0	0	0	0	0	0
3/8/2016	100	0	0	0	0	0	0
3/1/2016	100	0	0	0	0	0	0
2/23/2016	100	0	0	0	0	0	0
2/16/2016	100	0	0	0	0	0	0
2/9/2016	100	0	0	0	0	0	0
2/2/2016	100	0	0	0	0	0	0
1/26/2016	100	0	0	0	0	0	0
1/19/2016	100	0	0	0	0	0	0
1/12/2016	100	0	0	0	0	0	0
1/5/2016	100	0	0	0	0	0	0
12/29/2015	100	0	0	0	0	0	0
12/22/2015	100	0	0	0	0	0	0
12/15/2015	100	0	0	0	0	0	0
12/8/2015	100	0	0	0	0	0	0
12/1/2015 11/24/2015	100	0	0	0	0	0	0
11/24/2013	100	0	0	0	0	0	0
11/17/2015	100	0	0	0	0	0	0
11/3/2015	100	0	0	0	0	0	0
10/27/2015	95.6	4.4	0	0	0	0	4
10/20/2015	95.6	4.4	0	0	0	0	4
10/13/2015	95.6	4.4	0	0	0	0	4
10/6/2015	95.59	4.41	0	0	0	0	4
9/29/2015	85.09	14.57	0.34	0	0	0	15
9/22/2015	63.62	32.52	3.86	0	0	0	40
9/15/2015	31.43	40.64	27.93	0	0	0	97
9/8/2015	6.45	23.62	69.93	0	0	0	163
9/1/2015	6.45	23.62	69.93	0	0	0	163
8/25/2015	0	5.47	94.53	0	0	0	195
8/18/2015	0	5.47	94.53	0	0	0	195
8/11/2015	0	5.47	94.53	0	0	0	195
8/4/2015	0	5.47	94.53	0	0	0	195
7/28/2015	0	95.47	4.53	0	0	0	105

WEEK	None	D0	D1	D2	D3	D4	DSCI
7/21/2015	33.94	66.06	0	0	0	0	66
7/14/2015	34.04	65.96	0	0	0	0	66
7/7/2015	34.05	65.95	0	0	0	0	66
6/30/2015	34.05	65.95	0	0	0	0	66
6/23/2015	34.05	65.95	0	0	0	0	66
6/16/2015	100	0	0	0	0	0	0
6/9/2015	100	0	0	0	0	0	0
6/2/2015	100	0	0	0	0	0	0
5/26/2015	100	0	0	0	0	0	0
5/19/2015	100	0	0	0	0	0	0
5/12/2015	100	0	0	0	0	0	0
5/5/2015	100	0	0	0	0	0	0
4/28/2015	100	0	0	0	0	0	0
4/21/2015	100	0	0	0	0	0	0
4/14/2015	100	0	0	0	0	0	0
4/7/2015	100	0	0	0	0	0	0
3/31/2015	100	0	0	0	0	0	0
3/24/2015	100	0	0	0	0	0	0
3/17/2015	100	0	0	0	0	0	0
3/10/2015	100	0	0	0	0	0	0
3/3/2015	100	0	0	0	0	0	0
2/24/2015	13.24	86.76	0	0	0	0	87
2/17/2015	13.24	86.76	0	0	0	0	87
2/10/2015	13.24	86.76	0	0	0	0	87
2/3/2015	13.24	86.76	0	0	0	0	87
1/27/2015	13.24	86.76	0	0	0	0	87
1/20/2015	13.24 13.24	86.76 86.76	0	0	0	0	87 87
1/13/2015	0.95	99.05	0	0	0	0	99
12/30/2013	0.93	100	0	0	0	0	100
12/23/2014	0	0	100	0	0	0	200
12/16/2014	0	0	100	0	0	0	200
12/9/2014	0	0.66	99.34	0	0	0	199
12/2/2014	0	4.64	95.36	0	0	0	195
11/25/2014	0	41.48	58.52	0	0	0	159
11/18/2014	0	3.95	96.05	0	0	0	196
11/11/2014	0	3.95	96.05	0	0	0	196
11/4/2014	0	3.95	96.05	0	0	0	196
10/28/2014	0	100	0	0	0	0	100
10/21/2014	0	100	0	0	0	0	100
10/14/2014	30.87	69.13	0	0	0	0	69
10/7/2014	30.18	69.82	0	0	0	0	70
9/30/2014	28.77	71.23	0	0	0	0	71
9/23/2014	28.77	71.23	0	0	0	0	71
9/16/2014	28.77	71.23	0	0	0	0	71
9/9/2014	28.77	71.23	0	0	0	0	71

9/2/2014 28.77 71.23 0 0 0 0 0 71 8/26/2014 100 0 0 0 0 0 0 0 8/19/2014 100 0 0 0 0 0 0 0 0	WEEK	None	D0	D1	D2	D3	D4	DSCI
8/26/2014 100 0 <td< td=""><td></td><td></td><td></td><td>0</td><td>0</td><td>0</td><td>0</td><td></td></td<>				0	0	0	0	
8/19/2014 100 0 <td< td=""><td></td><td>100</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></td<>		100	0	0	0	0	0	0
8/12/2014 100 7 7/12/2014 100 0		100	0	0	0	0	0	0
8/5/2014 100 0 0 0 0 0 0 7/29/2014 100 0 0 0 0 0 0 0 7/29/2014 100 7 7/8/2014 93.07 6.93 0 0 0 0 0 7 6/24/2014 92.74 7.26 0			0			0		
7/29/2014 100 0 0 0 0 0 0 7/22/2014 100 0 0 0 0 0 0 0 7/15/2014 76.18 23.82 0 0 0 0 24 7/8/2014 93.07 6.93 0 0 0 0 7 6/12/2014 92.74 7.26 0 0 0 0 0 7 6/17/2014 100 0		100	0	0	0	0	0	0
7/22/2014 100 0 0 0 0 0 24 7/15/2014 76.18 23.82 0 0 0 0 24 7/8/2014 93.07 6.93 0 0 0 0 7 6/24/2014 92.74 7.26 0 0 0 0 7 6/17/2014 100 0 0 0 0 0 0 0 6/17/2014 100 0		100	0	0	0	0	0	0
7/8/2014 93.07 6.93 0 0 0 7 7/1/2014 93.07 6.93 0 0 0 0 7 6/24/2014 92.74 7.26 0 0 0 0 7 6/17/2014 100 0 0 0 0 0 0 0 6/10/2014 100 0 </td <td></td> <td>100</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td>		100	0	0	0	0	0	0
7/1/2014 93.07 6.93 0 0 0 7 6/24/2014 92.74 7.26 0 0 0 0 7 6/17/2014 100 0 0 0 0 0 0 0 6/10/2014 100 0 0 0 0 0 0 0 6/13/2014 100 0 0 0 0 0 0 0 5/20/2014 100 <	7/15/2014	76.18	23.82	0	0	0	0	24
6/24/2014 92.74 7.26 0 0 0 0 7 6/17/2014 100 0 </td <td>7/8/2014</td> <td>93.07</td> <td>6.93</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>7</td>	7/8/2014	93.07	6.93	0	0	0	0	7
6/17/2014 100 0 0 0 0 0 0 6/10/2014 100 0 0 0 0 0 0 0 6/3/2014 100 0 <td< td=""><td>7/1/2014</td><td>93.07</td><td>6.93</td><td>0</td><td>0</td><td>0</td><td>0</td><td>7</td></td<>	7/1/2014	93.07	6.93	0	0	0	0	7
6/10/2014 100 0 <td< td=""><td>6/24/2014</td><td>92.74</td><td>7.26</td><td>0</td><td>0</td><td>0</td><td>0</td><td>7</td></td<>	6/24/2014	92.74	7.26	0	0	0	0	7
6/3/2014 100 0 0 0 0 0 0 5/27/2014 100 0 0 0 0 0 0 0 5/20/2014 100 0 <td< td=""><td>6/17/2014</td><td>100</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></td<>	6/17/2014	100	0	0	0	0	0	0
5/27/2014 100 0 <td< td=""><td>6/10/2014</td><td>100</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></td<>	6/10/2014	100	0	0	0	0	0	0
5/20/2014 100 0 <td< td=""><td>6/3/2014</td><td>100</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></td<>	6/3/2014	100	0	0	0	0	0	0
5/13/2014 100 0 <td< td=""><td>5/27/2014</td><td>100</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></td<>	5/27/2014	100	0	0	0	0	0	0
5/6/2014 100 0 0 0 0 0 4/29/2014 100 0 0 0 0 0 0 4/22/2014 100 0 0 0 0 0 0 4/15/2014 100 0 0 0 0 0 0 4/12/2014 100 0 0 0 0 0 0 0 3/18/2014 100 0	5/20/2014	100	0	0	0	0	0	0
4/29/2014 100 0 <td< td=""><td>5/13/2014</td><td>100</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></td<>	5/13/2014	100	0	0	0	0	0	0
4/22/2014 100 0 <td< td=""><td></td><td>100</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></td<>		100	0	0	0	0	0	0
4/15/2014 100 0 <th< td=""><td>4/29/2014</td><td>100</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></th<>	4/29/2014	100	0	0	0	0	0	0
4/8/2014 100 0	4/22/2014	100	0	0	0	0	0	0
4/1/2014 100 0 0 0 0 0 3/25/2014 100 0 0 0 0 0 0 3/18/2014 100 0 0 0 0 0 0 0 3/11/2014 100 0 0 0 0 0 0 0 3/4/2014 100 0 0 0 0 0 0 0 2/25/2014 100 0	4/15/2014	100	0	0	0	0	0	0
3/25/2014 100 0 0 0 0 0 3/18/2014 100 0 0 0 0 0 0 3/11/2014 100 0 0 0 0 0 0 0 3/4/2014 100 0 <t< td=""><td></td><td></td><td></td><td></td><td></td><td>0</td><td></td><td>0</td></t<>						0		0
3/18/2014 100 0 0 0 0 0 3/11/2014 100 0 0 0 0 0 0 3/4/2014 100 0 0 0 0 0 0 0 2/25/2014 100 0 0 0 0 0 0 0 0 2/18/2014 100 0 </td <td>4/1/2014</td> <td>100</td> <td></td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td>0</td>	4/1/2014	100		0	0	0		0
3/11/2014 100 0 0 0 0 0 3/4/2014 100 0 0 0 0 0 0 2/25/2014 100 0 0 0 0 0 0 0 2/18/2014 100 0 0 0 0 0 0 0 0 2/11/2014 100 0 </td <td></td> <td></td> <td>0</td> <td>0</td> <td></td> <td>0</td> <td>0</td> <td>0</td>			0	0		0	0	0
3/4/2014 100 0 0 0 0 0 0 2/25/2014 100 0 0 0 0 0 0 2/18/2014 100 0 0 0 0 0 0 2/11/2014 100 0 0 0 0 0 0 2/4/2014 100 0 0 0 0 0 0 1/28/2014 100 0 0 0 0 0 0 1/28/2014 100 0 0 0 0 0 0 1/21/2014 100 0 0 0 0 0 0 1/7/2014 100 0 0 0 0 0 0 1/7/2014 100 0 0 0 0 0 0 12/31/2013 100 0 0 0 0 0 0 12/17/2013 0.19 99.81 0 0 0 0 100 12/3/2013 0 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>								
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2/11/2014 100 0 0 0 0 0 0 2/4/2014 100 0 0 0 0 0 0 1/28/2014 100 0 0 0 0 0 0 1/21/2014 100 0 0 0 0 0 0 1/7/2014 100 0 0 0 0 0 0 12/31/2013 100 0 0 0 0 0 0 12/24/2013 0.19 99.81 0 0 0 0 100 12/17/2013 0.19 99.81 0 0 0 0 100 12/3/2013 0 100 0 0 0 0 100 11/19/2013 0 100 0 0 0 0 100 11/15/2013 35.99 64.01 0 0 0 0 65.21 10/29/2013 34.79 65.21 0 0 0 0 65 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>								
2/4/2014 100 0 0 0 0 0 1/28/2014 100 0 0 0 0 0 0 1/21/2014 100 0 0 0 0 0 0 0 1/7/2014 100 0 0 0 0 0 0 0 0 12/31/2013 100 100 0 0 0 0 100 0 0 0 100 0 0 0 0 100 100 0 0 0 0 0 0 0 0 0 0 0 0								
1/28/2014 100 0 0 0 0 0 1/21/2014 100 0 0 0 0 0 0 1/14/2014 100 0 0 0 0 0 0 0 1/7/2014 100 0 0 0 0 0 0 0 12/31/2013 100 0 0 0 0 0 0 0 12/24/2013 0.19 99.81 0 0 0 0 100 12/10/2013 0.19 99.81 0 0 0 0 100 12/3/2013 0 100 0 0 0 0 100 11/26/2013 0 100 0 0 0 0 100 11/19/2013 0 100 0 0 0 0 64 11/5/2013 34.79 65.21 0 0 0 0 65 10/29/2013 34.79 65.21 0 0 0 0								
1/21/2014 100 0 0 0 0 0 1/14/2014 100 0 0 0 0 0 0 1/7/2014 100 0 0 0 0 0 0 0 12/31/2013 100 0 0 0 0 0 0 0 12/24/2013 0.19 99.81 0 0 0 0 100 12/10/2013 0.19 99.81 0 0 0 0 100 12/3/2013 0 100 0 0 0 0 100 11/26/2013 0 100 0 0 0 0 100 11/19/2013 0 100 0 0 0 0 100 11/5/2013 34.79 65.21 0 0 0 0 65 10/29/2013 34.79 65.21 0 0 0 0 65								
1/14/2014 100 0 0 0 0 0 0 1/7/2014 100 0 0 0 0 0 0 12/31/2013 100 0 0 0 0 0 0 12/24/2013 0.19 99.81 0 0 0 100 12/17/2013 0.19 99.81 0 0 0 100 12/3/2013 0.19 99.81 0 0 0 100 12/3/2013 0 100 0 0 0 100 11/26/2013 0 100 0 0 0 100 11/19/2013 0 100 0 0 0 0 64 11/5/2013 34.79 65.21 0 0 0 0 65 10/29/2013 34.79 65.21 0 0 0 0 65						_		
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12/31/2013 100 0 0 0 0 0 0 12/24/2013 0.19 99.81 0 0 0 0 100 12/17/2013 0.19 99.81 0 0 0 0 100 12/3/2013 0.19 99.81 0 0 0 0 100 12/3/2013 0 100 0 0 0 0 100 11/26/2013 0 100 0 0 0 0 100 11/19/2013 0 100 0 0 0 0 64 11/5/2013 34.79 65.21 0 0 0 0 65 10/29/2013 34.79 65.21 0 0 0 0 65								
12/24/2013 0.19 99.81 0 0 0 0 100 12/17/2013 0.19 99.81 0 0 0 0 100 12/10/2013 0.19 99.81 0 0 0 0 100 12/3/2013 0 100 0 0 0 0 100 11/26/2013 0 100 0 0 0 0 100 11/19/2013 0 100 0 0 0 0 100 11/12/2013 35.99 64.01 0 0 0 64 11/5/2013 34.79 65.21 0 0 0 65 10/29/2013 34.79 65.21 0 0 0 0 65								
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11/19/2013 0 100 0 0 0 0 100 11/12/2013 35.99 64.01 0 0 0 0 64 11/5/2013 34.79 65.21 0 0 0 0 65 10/29/2013 34.79 65.21 0 0 0 0 65								
11/12/2013 35.99 64.01 0 0 0 0 64 11/5/2013 34.79 65.21 0 0 0 0 65 10/29/2013 34.79 65.21 0 0 0 0 65								
11/5/2013 34.79 65.21 0 0 0 0 65 10/29/2013 34.79 65.21 0 0 0 0 65								
10/29/2013 34.79 65.21 0 0 0 0 65								
10/22/2013 41.13 58.87 0 0 0 0 59	10/23/2013	41.13	58.87	0	0	0	0	59

WEEK	None	D0	D1	D2	D3	D4	DSCI
10/15/2013	100	0	0	0	0	0	0
10/8/2013	100	0	0	0	0	0	0
10/1/2013	100	0	0	0	0	0	0
9/24/2013	100	0	0	0	0	0	0
9/17/2013	100	0	0	0	0	0	0
9/10/2013	100	0	0	0	0	0	0
9/3/2013	100	0	0	0	0	0	0
8/27/2013	100	0	0	0	0	0	0
8/20/2013	100	0	0	0	0	0	0
8/13/2013	100	0	0	0	0	0	0
8/6/2013	100	0	0	0	0	0	0
7/30/2013	100	0	0	0	0	0	0
7/23/2013	100	0	0	0	0	0	0
7/16/2013	100	0	0	0	0	0	0
7/9/2013	100	0	0	0	0	0	0
7/2/2013	100	0	0	0	0	0	0
6/25/2013	100	0	0	0	0	0	0
6/18/2013	100	0	0	0	0	0	0
6/11/2013	100	0	0	0	0	0	0
6/4/2013	100	0	0	0	0	0	0
5/28/2013	100	0	0	0	0	0	0
5/21/2013	100	0	0	0	0	0	0
5/14/2013	100	0	0	0	0	0	0
5/7/2013	100	0	0	0	0	0	0
4/30/2013	100	0	0	0	0	0	0
4/23/2013	98.37	1.63	0	0	0	0	2
4/16/2013	98.14	1.86	0	0	0	0	2
4/9/2013	98.14	1.86	0	0	0	0	2
4/2/2013	21.39	76.53	2.08	0	0	0	81
3/26/2013	21.39	76.53	2.08	0	0	0	81
3/19/2013	0	22.47	75.98	1.55	0	0	179
3/12/2013	0	16.59	25.78	57.63	0	0	241
3/5/2013	0	16.59	25.78	57.63	0	0	241
2/26/2013	0	0	27.22	72.78	72.49	0	273
2/19/2013	0	0	0	27.52	72.48	0	372
2/12/2013	0		0	27.52	72.48	0	372
2/5/2013 1/29/2013	0	0	0	13.37	64.59	22.04 22.04	409
		0		13.37	64.59		409
1/22/2013 1/15/2013	0	0	0	26.4 26.4	51.56 51.56	22.04	396 396
1/8/2013	0	0	0	27.95	50.01	22.04	394
1/0/2013	0	0	0	27.95	50.01	22.04	394
12/25/2012	0	0	0	27.95	50.01	22.04	394
12/23/2012	0	0	0	27.95	50.01	22.04	394
12/13/2012	0	0	0	27.95	50.01	22.04	394
12/4/2012	0	0	0	28.32	49.64	22.04	394
14/4/2012	U	U	U	20.32	47.04	44.04	334

14/55/		5.0	54	5.0		5.4	D.C.01
WEEK	None	D0	D1	D2	D3	D4	DSCI
11/27/2012	0	0	0	51.29	26.67	22.04	371
11/20/2012	0	0	0	51.29	26.67	22.04	371
11/13/2012	0	0	0.85	52.79	24.32	22.04	368
11/6/2012	0	0	17.15	38	22.81	22.04	350
10/30/2012	0	0	16.28	38.88	22.81	22.04	351
10/23/2012	0	0	16.28	38.88	22.81	22.04	351
10/16/2012	0	0	16.28	38.88	22.81	22.04	351
10/9/2012	0	0	16.28	38.88	22.81	22.04	351
10/2/2012	0	0	16.28	38.88	22.81	22.04	351
9/25/2012	0	0	16.28	38.88	25.15	19.69	348
9/18/2012	0	0	16.28	39.32	24.71	19.69	348
9/11/2012	0	0	16.28	39.32	24.71	19.69	348
9/4/2012	0	0	16.28	39.32	24.71	19.69	348
8/28/2012	0	0	15.74	17.4	47.16	19.69	371
8/21/2012	0	0	0.34	25.41	51.35	22.9	397
8/14/2012	0	0	0.34	25.41	51.35	22.9	397
8/7/2012	0	0	0	25.75	20.42	53.83	428
7/31/2012	0	0	0	25.75	20.42	53.83	428
7/24/2012	0	0	0	25.75	20.42	53.83	428
7/17/2012	0	0	0	25.75	20.42	53.83	428
7/10/2012	0	0	0	25.75	20.42	53.83	428
7/3/2012	0	0	0	25.75	20.42	53.83	428
6/26/2012	0	0	0	25.75	20.42	53.83	428
6/19/2012	0	0	0	25.75	20.42	53.83	428
6/12/2012	0	0	0	25.75	26.85	47.4	422
6/5/2012	0	0	0	0	45.88	54.12	454
5/29/2012	0	0	0	0	0	100	500
5/22/2012	0	0	0	0	0	100	500
5/15/2012	0	0	0	0	0	100	500
5/8/2012	0	0	0	0	7.39	92.61	493
5/1/2012	0	0	0	0	7.39	92.61	493
4/24/2012	0	0	0	0	16.2	83.8	484
4/17/2012	0	0	0	0	16.2	83.8	484
4/10/2012	0	0	0	0	16.2	83.8	484
4/3/2012	0	0	0	0	100	0	400
3/27/2012	0	0	0	0	100	0	400
3/20/2012	0	0	0	0	100	0	400
3/13/2012	0	0	0	0	100	0	400
3/6/2012	0	0	0	0	100	0	400
2/28/2012	0	0	0	0	100	0	400
2/21/2012	0	0	0	0	100	0	400
2/14/2012	0	0	0	0	99.99	0.01	400
2/7/2012	0	0	0	0	100	0	400
1/31/2012	0	0	0	0	100	0	400
1/24/2012	0	0	0	0	100	0	400
1/17/2012	0	0	0	0	100	0	400
, ,	-	-	_	-		_	

WEEK	None	D0	D1	D2	D3	D4	DSCI
1/10/2012	0	0	0	0	100	0	400
1/3/2012	0	0	0	0	100	0	400
12/27/2011	0	0	0	0	100	0	400
12/20/2011	0	0	0	0	100	0	400
12/13/2011	0	0	0	65.39	34.61	0	335
12/6/2011	0	0	0	65.39	34.61	0	335
11/29/2011	0	0	0	65.39	34.61	0	335
11/22/2011	0	0	0	65.39	34.61	0	335
11/15/2011	0	0	0	65.39	34.61	0	335
11/8/2011	0	0	0	56.29	43.71	0	344
11/1/2011	0	0	0	56.29	43.71	0	344
10/25/2011	0	0	0	56.29	43.71	0	344
10/18/2011	0	0	0	55	45	0	345
10/11/2011	0	0	0	0	100	0	400
10/4/2011	0	0	0	0	100	0	400
9/27/2011	0	0	0	0	100	0	400
9/20/2011	0	0	0	0	100	0	400
9/13/2011	0	0	0	0	100	0	400
9/6/2011	0	0	0	0	100	0	400
8/30/2011	0	0	0	0	100	0	400
8/23/2011	0	0	0	94.03	5.97	0	306
8/16/2011	0	0	0	94.03	5.97	0	306
8/9/2011	0	0	0	94.03	5.97	0	306
8/2/2011	0	0	0	0	100	0	400
7/26/2011	0	0	0	0	100	0	400
7/19/2011	0	0	0	0	100	0	400
7/12/2011	0	0	0	0	99.92	0.08	400
7/5/2011	0	0	0	0	99.92	0.08	400
6/28/2011	0	0	0	0	99.92	0.08	400
6/21/2011	0	0	0	0	99.92	0.08	400
6/14/2011	0	0	0	99.08	0.92	0	301
6/7/2011 5/31/2011	0	0	0	98.98 98.89	1.02	0	301
5/24/2011	0	0	1.09	98.91	0	0	299
5/17/2011	0	0	1.09	98.91	0	0	299
5/10/2011	0	0	100	0	0	0	200
5/3/2011	0	0	100	0	0	0	200
4/26/2011	0	0	100	0	0	0	200
4/19/2011	0	0	100	0	0	0	200
4/12/2011	0	0	100	0	0	0	200
4/5/2011	0	0	100	0	0	0	200
3/29/2011	0	0	100	0	0	0	200
3/22/2011	0	0	100	0	0	0	200
3/15/2011	0	67.57	32.43	0	0	0	132
3/8/2011	0	84.88	15.12	0	0	0	115
3/1/2011	0	84.88	15.12	0	0	0	115

WEEK	None	D0	D1	D2	D3	D4	DSCI
2/22/2011	0	84.88	15.12	0	0	0	115
2/15/2011	0	84.88	15.12	0	0	0	115
2/8/2011	0	84.88	15.12	0	0	0	115
2/1/2011	0	0	100	0	0	0	200
1/25/2011	0	0	100	0	0	0	200
1/18/2011	0	0	100	0	0	0	200
1/11/2011	0	0	100	0	0	0	200
1/4/2011	0	0	100	0	0	0	200
12/28/2010	0	0	100	0	0	0	200
12/21/2010	0	0	100	0	0	0	200
12/14/2010	0	0	100	0	0	0	200
12/7/2010	0	0	100	0	0	0	200
11/30/2010	0	0	100	0	0	0	200
11/23/2010	0	0	100	0	0	0	200
11/16/2010	0	100	0	0	0	0	100
11/9/2010	0	100	0	0	0	0	100
11/2/2010	0	100	0	0	0	0	100
10/26/2010	0	100	0	0	0	0	100
10/19/2010	0	100	0	0	0	0	100
10/12/2010	0	100	0	0	0	0	100
10/5/2010	0	100	0	0	0	0	100
9/28/2010	0	100	0	0	0	0	100
9/21/2010	0	100	0	0	0	0	100
9/14/2010	0	100	0	0	0	0	100
9/7/2010	100	0	0	0	0	0	0
8/31/2010	100	0	0	0	0	0	0
8/24/2010 8/17/2010	100 99.99	0.01	0	0	0	0	0
8/10/2010	100	0.01	0	0	0	0	0
8/3/2010	100	0	0	0	0	0	0
7/27/2010	71.36	28.64	0	0	0	0	29
7/20/2010	91.92	8.08	0	0	0	0	8
7/13/2010	100	0	0	0	0	0	0
7/6/2010	100	0	0	0	0	0	0
6/29/2010	100	0	0	0	0	0	0
6/22/2010	100	0	0	0	0	0	0
6/15/2010	100	0	0	0	0	0	0
6/8/2010	100	0	0	0	0	0	0
6/1/2010	100	0	0	0	0	0	0
5/25/2010	100	0	0	0	0	0	0
5/18/2010	100	0	0	0	0	0	0
5/11/2010	100	0	0	0	0	0	0
5/4/2010	100	0	0	0	0	0	0
4/27/2010	100	0	0	0	0	0	0
4/20/2010	100	0	0	0	0	0	0
4/13/2010	100	0	0	0	0	0	0

WEEK	None	D0	D1	D2	D3	D4	DSCI
4/6/2010	100	0	0	0	0	0	0
3/30/2010	100	0	0	0	0	0	0
3/23/2010	100	0	0	0	0	0	0
3/16/2010	100	0	0	0	0	0	0
3/9/2010	100	0	0	0	0	0	0
3/2/2010	100	0	0	0	0	0	0
2/23/2010	100	0	0	0	0	0	0
2/16/2010	100	0	0	0	0	0	0
2/9/2010	100	0	0	0	0	0	0
2/2/2010	100	0	0	0	0	0	0
1/26/2010	100	0	0	0	0	0	0
1/19/2010	100	0	0	0	0	0	0
1/12/2010	100	0	0	0	0	0	0
1/5/2010	100	0	0	0	0	0	0
12/29/2009	100	0	0	0	0	0	0
12/22/2009	100	0	0	0	0	0	0
12/15/2009	100	0	0	0	0	0	0
12/8/2009	100	0	0	0	0	0	0
12/1/2009	100	0	0	0	0	0	0
11/24/2009	100	0	0	0	0	0	0
11/17/2009	100	0	0	0	0	0	0
11/10/2009	100	0	0	0	0	0	0
11/3/2009	100	0	0	0	0	0	0
10/27/2009	100	0	0	0	0	0	0
10/20/2009	100	0	0	0	0	0	0
10/13/2009	100	0	0	0	0	0	0
10/6/2009	100	0	0	0	0	0	0
9/29/2009	100	0	0	0	0	0	0
9/22/2009	100	0	0	0	0	0	0
9/15/2009	97.47	2.53	0	0	0	0	3 74
9/8/2009	25.65	74.35	0	0	0	0	74
9/1/2009 8/25/2009	25.74 25.74	74.26 74.26	0	0	0	0	74
8/18/2009	25.74	74.26	0	0	0	0	74
8/11/2009	25.74	74.26	0	0	0	0	74
8/4/2009	25.74	74.26	0	0	0	0	74
7/28/2009	25.74	74.26	0	0	0	0	74
7/20/2009	25.74	74.26	0	0	0	0	74
7/21/2009	25.74	74.26	0	0	0	0	74
7/7/2009	0	100	0	0	0	0	100
6/30/2009	100	0	0	0	0	0	0
6/23/2009	100	0	0	0	0	0	0
6/16/2009	100	0	0	0	0	0	0
6/9/2009	100	0	0	0	0	0	0
6/2/2009	100	0	0	0	0	0	0
5/26/2009	100	0	0	0	0	0	0

WEEK	None	DO	D1	D2	D2	D4	DCCL
WEEK	None	D0	D1	D2	D3	D4	<u>DSCI</u>
5/19/2009	100	0	0	0	0	0	0
5/12/2009	100	0	0	0	0	0	0
5/5/2009	100	0	0	0	0	0	0
4/28/2009	100	0	0	0	0	0	0
4/21/2009	100	0	0	0	0	0	0
4/14/2009	100	0	0	0	0	0	0
4/7/2009	100	0	0	0	0	0	0
3/31/2009	0	52.44	47.56	0	0	0	148
3/24/2009	0	0	100	0	0	0	200
3/17/2009	0	0	100	0	0	0	200
3/10/2009	0	0	100	0	0	0	200
3/3/2009	0	0	100	0	0	0	200
2/24/2009	0	0	100	0	0	0	200
2/17/2009	0	100	0	0	0	0	100
2/10/2009	0	100	0	0	0	0	100
2/3/2009	100	0	0	0	0	0	0
1/27/2009	100	0	0	0	0	0	0
1/20/2009 1/13/2009	100	0	0	0	0	0	0
	100	0	0	0	0	0	0
1/6/2009	100	0	0	0	0	0	0
12/30/2008 12/23/2008	100	0	0	0	0	0	0
12/23/2008	100	0	0	0	0	0	0
12/9/2008	0	77.73	22.27	0	0	0	122
12/2/2008	0	0	81.81	18.19	0	0	218
11/25/2008	0	0	0	100	0	0	300
11/18/2008	0	0	0	100	0	0	300
11/11/2008	0	0	0	84.16	15.84	0	316
11/4/2008	0	0	0	84.16	15.84	0	316
10/28/2008	0	0	0	84.16	15.84	0	316
10/21/2008	0	0	0	9.73	90.27	0	390
10/14/2008	0	0	0	9.73	90.27	0	390
10/7/2008	0	0	0	10.45	89.55	0	390
9/30/2008	0	0	0	10.45	89.55	0	390
9/23/2008	0	0	0	100	0	0	300
9/16/2008	0	0	0	100	0	0	300
9/9/2008	0	0	0	100	0	0	300
9/2/2008	0	0	0	100	0	0	300
8/26/2008	0	0	0	100	0	0	300
8/19/2008	0	0	0	100	0	0	300
8/12/2008	0	0	0	100	0	0	300
8/5/2008	0	0	0	100	0	0	300
7/29/2008	0	0	0	100	0	0	300
7/22/2008	0	0	0	100	0	0	300
7/15/2008	0	0	31.94	68.06	0	0	268
7/8/2008	0	0	31.94	68.06	0	0	268

WEEK	None	D0	D1	D2	D3	D4	DSCI
7/1/2008	0	0	31.94	68.06	0	0	268
6/24/2008	0	0	100	0	0	0	200
6/17/2008	0	0	100	0	0	0	200
6/10/2008	0	89.36	10.64	0	0	0	111
6/3/2008	0	89.36	10.64	0	0	0	111
5/27/2008	0	99.2	0.8	0	0	0	101
5/20/2008	0	99.2	0.8	0	0	0	101
5/13/2008	0.29	98.91	8.0	0	0	0	101
5/6/2008	0.29	98.91	8.0	0	0	0	101
4/29/2008	0.29	98.91	8.0	0	0	0	101
4/22/2008	0.29	98.91	0.8	0	0	0	101
4/15/2008	0.29	98.91	0.8	0	0	0	101
4/8/2008	0.29	98.91	0.8	0	0	0	101
4/1/2008	0.29	98.91	0.8	0	0	0	101
3/25/2008	0.29	98.91	0.8	0	0	0	101
3/18/2008	0.29	98.91	0.8	0	0	0	101
3/11/2008	0.29	98.91	0.8	0	0	0	101
3/4/2008	0	14.41	84.6	0.98	0	0	187
2/26/2008	0	14.41	84.6	0.98	0	0	187
2/19/2008	0	0	50.38	49.62	0	0	250
2/12/2008	0	0	50.38	49.62	0	0	250
2/5/2008	0	0	50.38	49.62	0	0	250
1/29/2008	0	0	50.38	49.62	0	0	250
1/22/2008	0	0	50.38	49.62	0	0	250
1/15/2008	0	0	8.58	89.12	2.29	0	294
1/8/2008	0	0	8.58	89.12	2.29	0	294
1/1/2008	0	0	8.58	89.12	2.29	0	294
12/25/2007	0	0	0	14.55	62.14	23.32	409
12/18/2007	0	0	0	14.55	62.14	23.32	409
12/11/2007 12/4/2007	0	0	0 5.54	14.55 53.14	62.14 41.32	23.32	409
11/27/2007	0	0	26	64.73	9.27	0	336 283
11/20/2007	0	0	26	64.73	9.27	0	283
11/13/2007	0	0	26	64.73	9.27	0	283
11/6/2007	0	14.41	56.74	28.85	0	0	214
10/30/2007	0	14.41	56.74	28.85	0	0	214
10/23/2007	0	14.41	56.74	28.85	0	0	214
10/16/2007	0	14.41	56.74	28.85	0	0	214
10/9/2007	9.22	46.04	43.19	1.55	0	0	137
10/2/2007	16.62	63.19	20.19	0	0	0	104
9/25/2007	16.62	63.19	20.19	0	0	0	104
9/18/2007	16.62	63.19	20.19	0	0	0	104
9/11/2007	0	7.04	82.67	10.29	0	0	203
9/4/2007	0	7.04	87.82	5.14	0	0	198
8/28/2007	0	0	0	100	0	0	300
8/21/2007	0	0	0	100	0	0	300

8/14/2007 0 0 100 0 0 200 8/7/2007 0 0 100 0 0 200 7/31/2007 0 69.57 30.43 0 0 0 130 7/12/2007 0 69.57 30.43 0 0 0 130 7/10/2007 0 69.57 30.43 0 0 0 130 7/3/2007 0 69.57 30.43 0 0 0 130 6/26/2007 0 69.57 30.43 0 0 0 130 6/19/2007 0 25.55 74.45 0 0 0 174 6/19/2007 0 25.55 74.45 0 0 0 174 6/19/2007 0 26.6 73.4 0 0 273 5/22/2007 0 0 26.6 73.4 0 0 273 5/12/2007	WEEK	None	D0	D1	D2	D3	D4	DSCI
8/7/2007 0 0 100 0 0 200 7/31/2007 0 69.57 30.43 0 0 0 130 7/24/2007 0 69.57 30.43 0 0 0 130 7/10/2007 0 69.57 30.43 0 0 0 130 6/26/2007 0 69.57 30.43 0 0 0 130 6/26/2007 0 69.57 30.43 0 0 0 130 6/19/2007 0 69.57 30.43 0 0 0 174 6/19/2007 0 25.55 74.45 0 0 0 174 6/12/2007 0 25.55 74.45 0 0 0 174 6/5/2007 0 26.6 73.4 0 0 273 5/22/2007 0 0 100 0 0 20 5/1/2007								
7/31/2007 0 69.57 30.43 0 0 0 130 7/24/2007 0 69.57 30.43 0 0 0 130 7/17/2007 0 69.57 30.43 0 0 0 130 7/3/2007 0 69.57 30.43 0 0 0 130 6/26/2007 0 25.55 74.45 0 0 0 174 6/19/2007 0 25.55 74.45 0 0 0 174 6/12/2007 0 25.55 74.45 0 0 0 174 6/5/2007 0 25.55 74.45 0 0 0 174 5/29/2007 0 26.6 73.4 0 0 273 5/12/2007 0 0 100 0 0 200 5/8/2007 0 0 100 0 0 200 4/17/2007		0			0	0	0	
7/24/2007 0 69.57 30.43 0 0 0 130 7/17/2007 0 69.57 30.43 0 0 0 130 7/3/2007 0 69.57 30.43 0 0 0 130 6/26/2007 0 69.57 30.43 0 0 0 130 6/26/2007 0 25.55 74.45 0 0 0 174 6/12/2007 0 25.55 74.45 0 0 0 174 6/5/2007 0 25.55 74.45 0 0 0 174 5/29/2007 0 0 26.6 73.4 0 0 273 5/15/2007 0 0 100 0 0 200 5/12/2007 0 0 100 0 0 200 5/12/2007 0 0 100 0 0 200 5/1/2007 <		0	69.57					
7/17/2007 0 69.57 30.43 0 0 0 130 7/10/2007 0 69.57 30.43 0 0 0 130 7/3/2007 0 69.57 30.43 0 0 0 130 6/26/2007 0 25.55 74.45 0 0 0 174 6/19/2007 0 25.55 74.45 0 0 0 174 6/5/2007 0 25.55 74.45 0 0 0 174 5/29/2007 0 0 26.6 73.4 0 0 273 5/22/2007 0 0 100 0 0 200 5/8/2007 0 0 100 0 0 200 5/8/2007 0 0 100 0 0 200 4/12/2007 0 100 0 0 0 200 4/12/2007 0 100<								
7/10/2007 0 69.57 30.43 0 0 0 130 7/3/2007 0 69.57 30.43 0 0 0 130 6/26/2007 0 25.55 74.45 0 0 0 174 6/12/2007 0 25.55 74.45 0 0 0 174 6/5/2007 0 25.55 74.45 0 0 0 174 5/29/2007 0 0 26.6 73.4 0 0 273 5/22/2007 0 0 100 0 0 200 5/15/2007 0 0 100 0 0 200 5/12/2007 0 0 100 0 0 200 5/12/2007 0 0 100 0 0 200 5/12/2007 0 0 100 0 0 0 200 5/12/2007 0 100								
7/3/2007 0 69.57 30.43 0 0 0 130 6/26/2007 0 25.55 74.45 0 0 0 174 6/19/2007 0 25.55 74.45 0 0 0 174 6/5/2007 0 25.55 74.45 0 0 0 174 5/29/2007 0 25.55 74.45 0 0 0 174 5/29/2007 0 26.6 73.4 0 0 273 5/15/2007 0 0 100 0 0 273 5/15/2007 0 0 100 0 0 200 5/8/2007 0 0 100 0 0 200 5/1/2007 0 0 100 0 0 0 200 4/17/2007 0 100 0 0 0 0 100 4/10/2007 0 100		0			0	0	0	
6/26/2007 0 25.55 74.45 0 0 0 174 6/19/2007 0 25.55 74.45 0 0 0 174 6/5/2007 0 25.55 74.45 0 0 0 174 6/5/2007 0 26.6 73.4 0 0 273 5/22/2007 0 0 26.6 73.4 0 0 273 5/15/2007 0 0 100 0 0 200 5/8/2007 0 0 100 0 0 200 5/1/2007 0 0 100 0 0 200 4/24/2007 0 0 100 0 0 200 4/17/2007 0 100 0 0 0 0 4/17/2007 0 100 0 0 0 0 100 4/17/2007 0 100 0 0 <td< td=""><td></td><td>0</td><td></td><td></td><td>0</td><td>0</td><td>0</td><td></td></td<>		0			0	0	0	
6/12/2007 0 25.55 74.45 0 0 0 174 6/5/2007 0 25.55 74.45 0 0 0 174 5/29/2007 0 0 26.6 73.4 0 0 273 5/15/2007 0 0 100 0 0 200 5/8/2007 0 0 100 0 0 200 5/8/2007 0 0 100 0 0 200 5/1/2007 0 0 100 0 0 200 4/12/2007 0 0 100 0 0 200 4/17/2007 0 100 0 0 0 0 0 4/3/2007 0 100 0 0 0 0 100 3/27/2007 0 100 0 0 0 0 100 3/6/2007 100 0 0 0		0	25.55	74.45	0	0	0	174
6/5/2007 0 25.55 74.45 0 0 174 5/29/2007 0 0 26.6 73.4 0 0 273 5/22/2007 0 0 26.6 73.4 0 0 273 5/15/2007 0 0 100 0 0 0 200 5/8/2007 0 0 100 0 0 0 200 5/1/2007 0 0 100 0 0 0 200 4/24/2007 0 0 100 0 0 0 200 4/10/2007 0 100 0 0 0 0 100 4/3/2007 0 100 0 0 0 0 100 3/27/2007 0 100 0 0 0 0 0 0 3/3/2007 100 0 0 0 0 0 0 0 0 <td>6/19/2007</td> <td>0</td> <td>25.55</td> <td>74.45</td> <td>0</td> <td>0</td> <td>0</td> <td>174</td>	6/19/2007	0	25.55	74.45	0	0	0	174
5/29/2007 0 0 26.6 73.4 0 0 273 5/22/2007 0 0 26.6 73.4 0 0 273 5/15/2007 0 0 100 0 0 200 5/8/2007 0 0 100 0 0 200 5/1/2007 0 0 100 0 0 0 200 4/24/2007 0 100 0 0 0 0 200 4/17/2007 0 100 0 0 0 0 0 100 4/10/2007 0 100 0 0 0 0 100 100 0 0 0 100 100 0 0 0 100 100 100 0 0 0 100 100 100 0 0 0 0 0 0 0 0 0 0 0 0 0 </td <td>6/12/2007</td> <td>0</td> <td>25.55</td> <td>74.45</td> <td>0</td> <td>0</td> <td>0</td> <td>174</td>	6/12/2007	0	25.55	74.45	0	0	0	174
5/22/2007 0 0 26.6 73.4 0 0 273 5/15/2007 0 0 100 0 0 200 5/8/2007 0 0 100 0 0 200 5/1/2007 0 0 100 0 0 200 4/24/2007 0 100 0 0 0 200 4/17/2007 0 100 0 0 0 0 100 4/10/2007 0 100 0 0 0 0 100 4/3/2007 0 100 0 0 0 0 100 3/27/2007 0 100 0 0 0 0 100 3/6/2007 100 0 0 0 0 0 0 0 2/27/2007 0 100 0 0 0 0 0 0 100 2/26/2007 100<	6/5/2007	0	25.55	74.45	0	0	0	174
5/15/2007 0 0 100 0 0 200 5/8/2007 0 0 100 0 0 200 5/1/2007 0 0 100 0 0 200 4/24/2007 0 100 0 0 0 200 4/17/2007 0 100 0 0 0 0 100 4/10/2007 0 100 0 0 0 0 100 4/3/2007 0 100 0 0 0 0 100 3/27/2007 0 100 0 0 0 0 100 3/20/2007 100 0 0 0 0 0 0 0 3/6/2007 100 0	5/29/2007	0	0	26.6	73.4	0	0	273
5/8/2007 0 0 100 0 0 200 5/1/2007 0 0 100 0 0 200 4/24/2007 0 0 100 0 0 0 200 4/17/2007 0 100 0 0 0 0 100 4/10/2007 0 100 0 0 0 0 100 4/3/2007 0 100 0 0 0 0 100 3/27/2007 0 100 0 0 0 0 100 3/20/2007 0 100 0 0 0 0 100 3/33/2007 100 0 0 0 0 0 0 0 2/27/2007 0 100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	5/22/2007	0	0	26.6	73.4	0	0	273
5/1/2007 0 0 100 0 0 200 4/24/2007 0 0 100 0 0 200 4/17/2007 0 100 0 0 0 0 100 4/10/2007 0 100 0 0 0 0 100 4/3/2007 0 100 0 0 0 0 100 3/27/2007 0 100 0 0 0 0 100 3/20/2007 0 100 0 0 0 0 100 3/13/2007 100 0	5/15/2007	0	0	100	0	0	0	200
4/24/2007 0 0 100 0 0 200 4/17/2007 0 100 0 0 0 0 100 4/10/2007 0 100 0 0 0 0 100 4/3/2007 0 100 0 0 0 0 100 3/27/2007 0 100 0 0 0 0 100 3/20/2007 100 0 0 0 0 0 100 3/13/2007 100 0 <td>5/8/2007</td> <td>0</td> <td>0</td> <td>100</td> <td>0</td> <td>0</td> <td>0</td> <td>200</td>	5/8/2007	0	0	100	0	0	0	200
4/17/2007 0 100 0 0 0 100 4/10/2007 0 100 0 0 0 0 100 4/3/2007 0 100 0 0 0 0 100 3/27/2007 0 100 0 0 0 0 100 3/20/2007 100 0 0 0 0 0 0 100 3/6/2007 100 0 <t< td=""><td>5/1/2007</td><td>0</td><td>0</td><td>100</td><td>0</td><td>0</td><td>0</td><td>200</td></t<>	5/1/2007	0	0	100	0	0	0	200
4/10/2007 0 100 0 0 0 100 4/3/2007 0 100 0 0 0 100 3/27/2007 0 100 0 0 0 0 100 3/20/2007 0 100 0<	4/24/2007	0	0	100	0	0	0	200
4/3/2007 0 100 0 0 0 100 3/27/2007 0 100 0 0 0 100 3/20/2007 0 100 0 0 0 0 100 3/13/2007 100 0 0 0 0 0 0 0 3/6/2007 100 0	4/17/2007	0	100	0	0	0	0	100
3/27/2007 0 100 0 0 0 100 3/20/2007 0 100 0 0 0 0 100 3/13/2007 100 0 0 0 0 0 0 0 3/6/2007 100 0 <td></td> <td>0</td> <td>100</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>100</td>		0	100	0	0	0	0	100
3/20/2007 0 100 0 <td< td=""><td>4/3/2007</td><td>0</td><td>100</td><td>0</td><td>0</td><td>0</td><td>0</td><td>100</td></td<>	4/3/2007	0	100	0	0	0	0	100
3/13/2007 100 0 0 0 0 0 3/6/2007 100 0 0 0 0 0 0 2/27/2007 0 100 0 0 0 0 100 2/20/2007 8.84 91.16 0 0 0 0 91 2/13/2007 100 0 0 0 0 0 0 0 2/6/2007 100 100 0 0 0 0 0 <t< td=""><td>3/27/2007</td><td>0</td><td>100</td><td>0</td><td>0</td><td>0</td><td>0</td><td>100</td></t<>	3/27/2007	0	100	0	0	0	0	100
3/6/2007 100 0			100					100
2/27/2007 0 100 0 0 0 100 2/20/2007 8.84 91.16 0 0 0 91 2/13/2007 100 0 0 0 0 0 0 2/6/2007 100 0 0 0 0 0 0 0 1/30/2007 100 100 0 0 0 0 100 0 0 0 100 0 0 0 0 0 0 0 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>0</td>								0
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2/6/2007 100 0 0 0 0 0 1/30/2007 100 0 0 0 0 0 1/23/2007 100 0 0 0 0 0 1/16/2007 100 0 0 0 0 0 1/9/2007 0 100 0 0 0 0 100 1/2/2007 0 100 0 0 0 0 100 12/26/2006 0 100 0 0 0 100 12/19/2006 0 100 0 0 0 100 12/12/2006 0 100 0 0 0 0 11/28/2006 100 0 0 0 0 0 11/21/2006 0 100 0 0 0 0 0 11/7/2006 0 100 0 0 0 0 0 0								
1/30/2007 100 0 0 0 0 0 1/23/2007 100 0 0 0 0 0 0 1/16/2007 100 0 0 0 0 0 0 0 1/9/2007 0 100 0 0 0 0 100 0 100 100 100 100 100 100 100 0 0 100								
1/23/2007 100 100 0 0 100 100 100 0 0 100 100 100 0 0 100 100 100 100 0 0 100 100 100 100 0 0 100 100 100 0 100 0 0 100 100 100 0 0 100 0 0 100 0 0 0 0 100 0								
1/16/2007 100 0 0 0 0 0 0 0 0 0 0 0 0 0 1/00 0 0 0 1/00 1/00 1/00 0 0 0 1/00 1/00 1/00 0 0 0 1/00 1/00 1/00 1/00 0 0 0 1/00 1/00 1/00 0 0 0 1/00 1/00 0 0 0 1/00 0 0 0 0 1/00 0								
1/9/2007 0 100 0 0 0 100 1/2/2007 0 100 0 0 0 0 100 12/26/2006 0 100 0 0 0 0 100 12/19/2006 0 100 0 0 0 0 100 12/12/2006 0 100 0 0 0 0 100 12/5/2006 100 0 0 0 0 0 0 11/28/2006 100 0 0 0 0 0 0 11/21/2006 0 100 0 0 0 0 100 11/7/2006 0 100 0 0 0 200 10/31/2006 0 0 100 0 0 200 10/24/2006 0 0 100 0 0 200 10/17/2006 0 0 100 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>								
1/2/2007 0 100 0 0 0 100 12/26/2006 0 100 0 0 0 0 100 12/19/2006 0 100 0 0 0 0 100 12/12/2006 0 100 0 0 0 0 100 12/5/2006 100 0 0 0 0 0 0 11/28/2006 100 0 0 0 0 0 0 11/21/2006 0 100 0 0 0 0 100 11/7/2006 0 0 100 0 0 0 200 10/31/2006 0 0 100 0 0 0 200 10/24/2006 0 0 100 0 0 0 200 10/17/2006 0 0 100 0 0 0 200								
12/26/2006 0 100 0 0 0 100 12/19/2006 0 100 0 0 0 0 100 12/12/2006 0 100 0 0 0 0 100 12/5/2006 100 0 0 0 0 0 0 11/28/2006 100 0 0 0 0 0 0 11/21/2006 0 100 0 0 0 100 0 0 100 11/7/2006 0 0 100 0 0 0 200 10/31/2006 0 0 100 0 0 200 10/24/2006 0 0 100 0 0 200 10/17/2006 0 0 100 0 0 200								
12/19/2006 0 100 0 0 0 100 12/12/2006 0 100 0 0 0 0 100 12/5/2006 100 0 0 0 0 0 0 0 11/28/2006 100 0 0 0 0 0 0 0 0 100 0 0 100 0 0 100 0 100 0 100 0 100 0 100 0 200 11/7/2006 0 100 0 0 100 0 200 10/24/2006 0 0 100 0 0 200 10/17/2006 0 0 100 0 0 200 10/17/2006 0 0 100 0 0 200 10/17/2006 0 0 100 0 0 200 10/17/2006 0 0 100 0 0 0 200 10/17/2006								
12/12/2006 0 100 0 0 0 100 12/5/2006 100 0 0 0 0 0 0 11/28/2006 100 0 0 0 0 0 0 11/21/2006 0 100 0 0 0 100 11/14/2006 0 0 100 0 0 200 11/7/2006 0 0 100 0 0 200 10/31/2006 0 0 100 0 0 200 10/17/2006 0 0 100 0 0 200								
12/5/2006 100 100 0 0 100 100 0 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>								
11/28/2006 100 0 0 0 0 0 0 11/21/2006 0 100 0 0 0 100 0 100 0 100 0 100 0 200 11/10/10/10/10/10/10/10/10/10/10/10/10/1								
11/21/2006 0 100 0 0 0 100 11/14/2006 0 0 100 0 0 200 11/7/2006 0 0 100 0 0 200 10/31/2006 0 0 100 0 0 200 10/24/2006 0 0 100 0 0 200 10/17/2006 0 0 100 0 0 200								
11/14/2006 0 0 100 0 0 200 11/7/2006 0 0 100 0 0 200 10/31/2006 0 0 100 0 0 200 10/24/2006 0 0 100 0 0 200 10/17/2006 0 0 100 0 0 200								
11/7/2006 0 0 100 0 0 200 10/31/2006 0 0 100 0 0 200 10/24/2006 0 0 100 0 0 200 10/17/2006 0 0 100 0 0 200								
10/31/2006 0 0 100 0 0 200 10/24/2006 0 0 100 0 0 200 10/17/2006 0 0 100 0 0 200								
10/24/2006 0 0 100 0 0 200 10/17/2006 0 0 100 0 0 200								
10/17/2006 0 0 100 0 0 0 200								
10/10/2000 0	10/10/2006	0	0	100	0	0	0	200
10/3/2006 0 0 100 0 0 200								

WEEK	None	D0	D1	D2	D3	D4	DSCI
9/26/2006	0	44.07	55.93	0	0	0	156
9/19/2006	0	44.07	55.93	0	0	0	156
9/12/2006	0	0	100	0	0	0	200
9/5/2006	0	0	100	0	0	0	200
8/29/2006	0	0	100	0	0	0	200
8/22/2006	0	0	96.66	3.34	0	0	203
8/15/2006	0	0	100	0	0	0	200
8/8/2006	0	0	100	0	0	0	200
8/1/2006	0	0	100	0	0	0	200
7/25/2006	0	0	100	0	0	0	200
7/18/2006	0	78.97	21.03	0	0	0	121
7/11/2006	0	78.97	21.03	0	0	0	121
7/4/2006	0	62.87	37.13	0	0	0	137
6/27/2006	0	64.28	35.72	0	0	0	136
6/20/2006	0	64.28	35.72	0	0	0	136
6/13/2006	0	0	100	0	0	0	200
6/6/2006	0	55.21	44.79	0	0	0	145
5/30/2006	0	100	0	0	0	0	100
5/23/2006	0	100	0	0	0	0	100
5/16/2006	0	100	0	0	0	0	100
5/9/2006	0	100	0	0	0	0	100
5/2/2006	0	100	0	0	0	0	100
4/25/2006	0	100	0	0	0	0	100
4/18/2006	0	100	0	0	0	0	100
4/11/2006	0	100	0	0	0	0	100
4/4/2006	0	100	0	0	0	0	100
3/28/2006	100	0	0	0	0	0	0
3/21/2006	100	0	0	0	0	0	0
3/14/2006	100	0	0	0	0	0	0
3/7/2006 2/28/2006	100	0	0	0	0	0	0
2/21/2006	100	0	0	0	0	0	0
2/21/2006	100	0	0	0	0	0	0
2/7/2006	100	0	0	0	0	0	0
1/31/2006	100	0	0	0	0	0	0
1/24/2006	100	0	0	0	0	0	0
1/17/2006	100	0	0	0	0	0	0
1/10/2006	100	0	0	0	0	0	0
1/3/2006	100	0	0	0	0	0	0
12/27/2005	100	0	0	0	0	0	0
12/20/2005	100	0	0	0	0	0	0
12/13/2005	100	0	0	0	0	0	0
12/6/2005	100	0	0	0	0	0	0
11/29/2005	100	0	0	0	0	0	0
11/22/2005	100	0	0	0	0	0	0
11/15/2005	100	0	0	0	0	0	0

WEEK	None	D0	D1	D2	D3	D4	DSCI
11/8/2005	100	0	0	0	0	0	0
11/1/2005	100	0	0	0	0	0	0
10/25/2005	100	0	0	0	0	0	0
10/18/2005	100	0	0	0	0	0	0
10/11/2005	100	0	0	0	0	0	0
10/4/2005	100	0	0	0	0	0	0
9/27/2005	34.75	65.25	0	0	0	0	65
9/20/2005	100	0	0	0	0	0	0
9/13/2005	100	0	0	0	0	0	0
9/6/2005	100	0	0	0	0	0	0
8/30/2005	100	0	0	0	0	0	0
8/23/2005	100	0	0	0	0	0	0
8/16/2005	100	0	0	0	0	0	0
8/9/2005	100	0	0	0	0	0	0
8/2/2005	100	0	0	0	0	0	0
7/26/2005	100	0	0	0	0	0	0
7/19/2005	100	0	0	0	0	0	0
7/12/2005	100	0	0	0	0	0	0
7/5/2005	100	0	0	0	0	0	0
6/28/2005	100	0	0	0	0	0	0
6/21/2005	100	0	0	0	0	0	0
6/14/2005	100	0	0	0	0	0	0
6/7/2005	100	0	0	0	0	0	0
5/31/2005	100	0	0	0	0	0	0
5/24/2005	100	0	0	0	0	0	0
5/17/2005	100	0	0	0	0	0	0
5/10/2005	100	0	0	0	0	0	0
5/3/2005	100	0	0	0	0	0	0
4/26/2005	100	0	0	0	0	0	0
4/19/2005	100	0	0	0	0	0	0
4/12/2005	100	0	0	0	0	0	0
4/5/2005	100	0	0	0	0	0	0
3/29/2005	100	0	0	0	0	0	0
3/22/2005	100	0	0	0	0	0	0
3/15/2005	100	0	0	0	0	0	0
3/8/2005	100						
3/1/2005 2/22/2005	100 100	0	0	0	0	0	0
2/22/2005	100	0	0	0	0	0	0
2/8/2005	100	0	0	0	0	0	0
2/8/2005	100	0	0	0	0	0	0
1/25/2005	100	0	0	0	0	0	0
1/18/2005	100	0	0	0	0	0	0
1/11/2005	100	0	0	0	0	0	0
1/4/2005	100	0	0	0	0	0	0
12/28/2004	100	0	0	0	0	0	0
14/20/2004	TUU	U	U	U	U	U	U

12/21/2004	WEEK	None	D0	D1	D2	D3	D4	DSCI
12/14/2004			0					
12/7/2004		100	0	0	0	0	0	0
11/30/2004		100	0	0	0	0	0	0
11/23/2004 100 0 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>								
11/16/2004 100 0 0 0 0 0 0 0 0 0 11/9/2004 100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		100	0	0	0	0	0	0
11/9/2004 100 0 <td< td=""><td></td><td>100</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></td<>		100	0	0	0	0	0	0
10/26/2004 100 0 <t< td=""><td></td><td>100</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></t<>		100	0	0	0	0	0	0
10/19/2004 100 0 <t< td=""><td>11/2/2004</td><td>100</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></t<>	11/2/2004	100	0	0	0	0	0	0
10/12/2004 100 0 <t< td=""><td>10/26/2004</td><td>100</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></t<>	10/26/2004	100	0	0	0	0	0	0
10/5/2004 100 0 <td< td=""><td>10/19/2004</td><td>100</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></td<>	10/19/2004	100	0	0	0	0	0	0
9/28/2004 100 99 8/17/2004 13.13 86.87 0	10/12/2004	100	0	0	0	0	0	0
9/21/2004 100 99 8/17/2004 13.13 86.87 0	10/5/2004	100	0	0	0	0	0	0
9/14/2004 100 994 8/3/2004 1.1 98.9 0 0 0 0 0 998 8/17/2004 13.13 86.87 0 0 0 0 0 100 0 0 0 100 0 0 100 0 0 100 0 0 100 0 0 100 0 0 100 0 0 100 0 0 100 0 0 100 0 0 100 0 0 100 0 0 100 0 100 0 100 0 100 0 100 0	9/28/2004	100	0	0	0	0	0	0
9/7/2004 100 0 0 0 0 0 94 8/31/2004 6.47 93.53 0 0 0 99 8/24/2004 1.1 98.9 0 0 0 99 8/17/2004 13.13 86.87 0 0 0 0 100 8/3/2004 0 100 0 0 0 0 100 7/27/2004 0 100 0 0 0 0 100 7/20/2004 0 100 0 0 0 100 100 7/6/2004 0 100 0 0 0 100	9/21/2004	100	0	0	0	0	0	0
8/31/2004 6.47 93.53 0 0 0 94 8/24/2004 1.1 98.9 0 0 0 99 8/17/2004 13.13 86.87 0 0 0 0 87 8/10/2004 0 100 0 0 0 0 100 100 0 0 0 100 100 100 0 0 0 100 100 0 0 0 100 100 0 0 0 100 100 0 0 0 100 100 0 0 100 100 0 0 100 0 0 100 0 0 100 0 100 0 0 100 0 100 0 100 0 100 0 100 0 100 0 100 0 100 0 100 0 100 100 100 0 100 0<	9/14/2004	100	0	0	0	0	0	0
8/24/2004 1.1 98.9 0 0 0 0 99 8/17/2004 13.13 86.87 0 0 0 0 87 8/10/2004 0 100 0 0 0 0 100 8/3/2004 0 100 0 0 0 0 100 7/27/2004 0 100 0 0 0 0 100 7/20/2004 0 100 0 0 0 0 100 7/6/2004 0 100 0 0 0 0 100 6/29/2004 0 99.91 0.09 0 0 100 0 100 6/22/2004 0 99.91 0.09 0 0 100 0 200 6/15/2004 0 0 0 100 0 300 300 5/12/2004 0 0 0 100 0 300	9/7/2004	100	0	0	0	0	0	0
8/17/2004 13.13 86.87 0 0 0 0 100 8/10/2004 0 100 0 0 0 0 100 8/3/2004 0 100 0 0 0 0 100 7/27/2004 0 100 0 0 0 0 100 7/20/2004 0 100 0 0 0 0 100 7/6/2004 0 100 0 0 0 0 100 6/29/2004 0 99.91 0.09 0 0 100 0 100 6/22/2004 0 99.91 0.09 0 0 100 0 200 6/15/2004 0 0 0 100 0 300 6/12/2004 0 0 100 0 300 5/18/2004 0 0 0 100 0 0 300 5/11/2004 0 </td <td>8/31/2004</td> <td>6.47</td> <td>93.53</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>94</td>	8/31/2004	6.47	93.53	0	0	0	0	94
8/10/2004 0 100 0 0 0 100 8/3/2004 0 100 0 0 0 0 100 7/27/2004 0 100 0 0 0 0 100 7/20/2004 0 100 0 0 0 0 100 7/6/2004 0 100 0 0 0 0 100 6/29/2004 0 99.91 0.09 0 0 0 100 6/22/2004 0 99.91 0.09 0 0 100 0 200 6/15/2004 0 0 0 100 0 300 6/15/2004 0 0 100 0 300 5/12/2004 0 0 0 100 0 300 5/18/2004 0 0 100 0 300 5/18/2004 0 0 100 0 0 0 200	8/24/2004	1.1	98.9	0	0	0	0	99
8/3/2004 0 100 0 0 0 100 7/27/2004 0 100 0 0 0 100 7/20/2004 0 100 0 0 0 0 100 7/13/2004 0 100 0 0 0 0 100 7/6/2004 0 100 0 0 0 0 100 6/29/2004 0 99.91 0.09 0 0 0 100 6/22/2004 0 0 99.8 0.2 0 0 200 6/15/2004 0 0 100 0 0 300 6/8/2004 0 0 100 0 0 300 5/12/2004 0 0 100 0 0 300 5/18/2004 0 0 100 0 0 200 5/12/2004 0 0 100 0 0	8/17/2004	13.13	86.87	0	0	0	0	87
7/27/2004 0 100 0 0 0 0 100 7/20/2004 0 100 0 0 0 0 100 7/13/2004 0 100 0 0 0 0 100 7/6/2004 0 100 0 0 0 0 100 6/29/2004 0 99.91 0.09 0 0 0 100 6/22/2004 0 0 99.8 0.2 0 0 200 6/15/2004 0 0 100 0 0 300 6/8/2004 0 0 100 0 0 300 5/18/2004 0 0 100 0 0 300 5/18/2004 0 0 100 0 0 200 5/11/2004 0 0 100 0 0 200 5/4/2004 0 0 100 0	8/10/2004	0	100	0	0	0	0	100
7/20/2004 0 100 0 0 0 100 7/13/2004 0 100 0 0 0 0 100 7/6/2004 0 100 0 0 0 0 100 6/29/2004 0 99.91 0.09 0 0 100 6/22/2004 0 0 99.8 0.2 0 0 200 6/15/2004 0 0 0 100 0 0 300 6/8/2004 0 0 0 100 0 0 300 6/1/2004 0 0 0 100 0 0 300 5/18/2004 0 0 100 0 0 300 5/18/2004 0 0 100 0 0 200 5/4/2004 0 0 100 0 0 200 4/27/2004 0 0 100 0		0	100	0	0		0	100
7/13/2004 0 100 0 0 0 100 7/6/2004 0 100 0 0 0 100 6/29/2004 0 99.91 0.09 0 0 100 6/22/2004 0 0 99.8 0.2 0 0 200 6/15/2004 0 0 0 100 0 0 300 6/8/2004 0 0 0 100 0 0 300 6/1/2004 0 0 100 0 0 300 5/25/2004 0 0 100 0 0 300 5/18/2004 0 0 100 0 0 200 5/18/2004 0 0 100 0 0 200 5/4/2004 0 0 100 0 0 200 4/27/2004 0 0 100 0 0 100								
7/6/2004 0 100 0 0 0 100 6/29/2004 0 99.91 0.09 0 0 100 6/22/2004 0 0 99.8 0.2 0 0 200 6/15/2004 0 0 0 100 0 300 6/8/2004 0 0 0 100 0 300 6/1/2004 0 0 100 0 0 300 5/25/2004 0 0 100 0 0 300 5/18/2004 0 0 100 0 0 200 5/11/2004 0 0 100 0 0 200 5/4/2004 0 0 100 0 0 200 4/27/2004 0 0 100 0 0 200 4/13/2004 0 100 0 0 0 100 3/30/2004 0 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>								
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6/22/2004 0 0 99.8 0.2 0 0 200 6/15/2004 0 0 0 100 0 300 6/8/2004 0 0 0 100 0 300 6/1/2004 0 0 0 100 0 300 5/25/2004 0 0 100 0 0 300 5/18/2004 0 0 100 0 0 200 5/11/2004 0 0 100 0 0 200 5/4/2004 0 0 100 0 0 200 4/27/2004 0 0 100 0 0 200 4/20/2004 0 100 0 0 0 152 4/13/2004 0 100 0 0 0 100 3/23/2004 0 100 0 0 0 0 100 3/9/2004								
6/15/2004 0 0 0 100 0 300 6/8/2004 0 0 0 100 0 300 6/1/2004 0 0 0 100 0 300 5/25/2004 0 0 0 100 0 0 300 5/18/2004 0 0 100 0 0 200 5/4/2004 0 0 100 0 0 200 5/4/2004 0 0 100 0 0 200 4/27/2004 0 0 100 0 0 200 4/20/2004 0 47.99 52.01 0 0 0 152 4/13/2004 0 100 0 0 0 0 100 3/30/2004 0 100 0 0 0 0 100 3/23/2004 100 0 0 0 0 0 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>								
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6/1/2004 0 0 0 100 0 300 5/25/2004 0 0 0 100 0 0 300 5/18/2004 0 0 100 0 0 200 5/11/2004 0 0 100 0 0 200 5/4/2004 0 0 100 0 0 200 4/27/2004 0 0 100 0 0 0 200 4/20/2004 0 47.99 52.01 0 0 0 152 4/13/2004 0 100 0 0 0 0 100 4/6/2004 0 100 0 0 0 0 100 3/23/2004 0 100 0 0 0 0 0 3/9/2004 100 0 0 0 0 0 0 3/2/2004 100 0 0 0 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>								
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5/4/2004 0 0 100 0 0 200 4/27/2004 0 0 100 0 0 200 4/20/2004 0 47.99 52.01 0 0 0 152 4/13/2004 0 100 0 0 0 0 100 4/6/2004 0 100 0 0 0 0 100 3/30/2004 0 100 0 0 0 0 100 3/23/2004 0 100 0 0 0 0 0 0 3/9/2004 100 0 0 0 0 0 0 0 0 3/2/2004 100 0 0 0 0 0 0 0 0 0 2/24/2004 100 0 0 0 0 0 0 0 0 0 2/17/2004 100 0 <td< td=""><td></td><td>_</td><td></td><td></td><td></td><td></td><td>_</td><td></td></td<>		_					_	
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4/6/2004 0 100 0 0 0 100 3/30/2004 0 100 0 0 0 0 100 3/23/2004 0 100 0 0 0 0 100 3/16/2004 100 0 0 0 0 0 0 3/9/2004 100 0 0 0 0 0 0 3/2/2004 100 0 0 0 0 0 0 2/24/2004 100 0 0 0 0 0 0 2/17/2004 100 0 0 0 0 0 0								
3/30/2004 0 100 0 0 0 100 3/23/2004 0 100 0 0 0 0 100 3/16/2004 100 0 0 0 0 0 0 3/9/2004 100 0 0 0 0 0 0 3/2/2004 100 0 0 0 0 0 0 2/24/2004 100 0 0 0 0 0 0 2/17/2004 100 0 0 0 0 0 0								
3/23/2004 0 100 0 0 0 100 3/16/2004 100 0 0 0 0 0 0 3/9/2004 100 0 0 0 0 0 0 3/2/2004 100 0 0 0 0 0 0 2/24/2004 100 0 0 0 0 0 0 2/17/2004 100 0 0 0 0 0 0								
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3/2/2004 100 0 0 0 0 0 2/24/2004 100 0 0 0 0 0 2/17/2004 100 0 0 0 0 0								
2/24/2004 100 0 0 0 0 0 2/17/2004 100 0 0 0 0 0								
2/17/2004 100 0 0 0 0 0								
. 2/10/2004 100 0 0 0 0 0 0	2/10/2004	100	0	0	0	0	0	0

WEEK	None	D0	D1	D2	D3	D4	DSCI
2/3/2004	100	0	0	0	0	0	0
1/27/2004	100	0	0	0	0	0	0
1/20/2004	100	0	0	0	0	0	0
1/13/2004	100	0	0	0	0	0	0
1/6/2004	100	0	0	0	0	0	0
12/30/2003	100	0	0	0	0	0	0
12/23/2003	100	0	0	0	0	0	0
12/16/2003	100	0	0	0	0	0	0
12/9/2003	100	0	0	0	0	0	0
12/2/2003	100	0	0	0	0	0	0
11/25/2003	100	0	0	0	0	0	0
11/18/2003	100	0	0	0	0	0	0
11/11/2003	100	0	0	0	0	0	0
11/4/2003	100	0	0	0	0	0	0
10/28/2003	100	0	0	0	0	0	0
10/21/2003	100	0	0	0	0	0	0
10/14/2003	100	0	0	0	0	0	0
10/7/2003	100	0	0	0	0	0	0
9/30/2003	100	0	0	0	0	0	0
9/23/2003	100	0	0	0	0	0	0
9/16/2003	100	0	0	0	0	0	0
9/9/2003	100	0	0	0	0	0	0
9/2/2003	100	0	0	0	0	0	0
8/26/2003	100	0	0	0	0	0	0
8/19/2003	100	0	0	0	0	0	0
8/12/2003	100	0	0	0	0	0	0
8/5/2003	100	0	0	0	0	0	0
7/29/2003	100	0	0	0	0	0	0
7/22/2003	100	0	0	0	0	0	0
7/15/2003	100	0	0	0	0	0	0
7/8/2003	100	0	0	0	0	0	0
7/1/2003	100	0	0	0	0	0	0
6/24/2003	100	0	0	0	0	0	0
6/17/2003	100	0	0	0	0	0	0
6/10/2003	100	0	0	0	0	0	0
6/3/2003	100	0	0	0	0	0	0
5/27/2003	100	0	0	0	0	0	0
5/20/2003	100	0	0	0	0	0	0
5/13/2003	100	0	0	0	0	0	0
5/6/2003 4/29/2003	100	0	0	0	0	0	0
4/22/2003	100	0	0	0	0	0	0
4/22/2003	100	0	0	0	0	0	0
4/8/2003	100	0	0	0	0	0	0
4/1/2003	100	0	0	0	0	0	0
	100	0		0	0	0	0
3/25/2003	TUU	U	0	U	U	U	U

WEEK	None	D0	D1	D2	D3	D4	DSCI
3/18/2003	0	100	0	0	0	0	100
3/11/2003	0	100	0	0	0	0	100
3/4/2003	0	100	0	0	0	0	100
2/25/2003	0	100	0	0	0	0	100
2/18/2003	0	100	0	0	0	0	100
2/11/2003	0	100	0	0	0	0	100
2/4/2003	0	100	0	0	0	0	100
1/28/2003	4.56	95.44	0	0	0	0	95
1/21/2003	3.56	96.44	0	0	0	0	96
1/14/2003	8.22	91.78	0	0	0	0	92
1/7/2003	3.78	96.22	0	0	0	0	96
12/31/2002	14.38	85.62	0	0	0	0	86
12/24/2002	0	100	0	0	0	0	100
12/17/2002	0	100	0	0	0	0	100
12/10/2002	0	0	100	0	0	0	200
12/3/2002	0	0	100	0	0	0	200
11/26/2002	0	0	100	0	0	0	200
11/19/2002	0	0	100	0	0	0	200
11/12/2002	0	0	100	0	0	0	200
11/5/2002	0	0	0	100	0	0	300
10/29/2002	0	0	0	100	0	0	300
10/22/2002	0	0	0	100	0	0	300
10/15/2002	0	0	0	100	0	0	300
10/8/2002	0	0	0	100	0	0	300
10/1/2002	0	0	0	100	0	0	300
9/24/2002	0	0	0	100	0	0	300
9/17/2002	0	0	0	12.75	87.25	0	387
9/10/2002	0	0	0	0	53.25	46.75	447
9/3/2002	0	0	0	0	10.32	89.68	490
8/27/2002 8/20/2002	0	0	0	0	0	100	500 500
8/13/2002	0	0	0	0	0	100	500
8/6/2002	0	0	0	0	100	0	400
7/30/2002	0	0	0	0	100	0	400
7/23/2002	0	0	0	0	100	0	400
7/16/2002	0	0	0	0	100	0	400
7/9/2002	0	0	0	0	100	0	400
7/2/2002	0	0	0	0	100	0	400
6/25/2002	0	0	0	0	100	0	400
6/18/2002	0	0	0	0	100	0	400
6/11/2002	0	0	0	12.12	87.88	0	388
6/4/2002	0	0	0	7.22	92.78	0	393
5/28/2002	0	0	0	2.1	97.9	0	398
5/21/2002	0	0	0	0	100	0	400
5/14/2002	0	0	0	0	100	0	400
5/7/2002	0	0	0	0	100	0	400

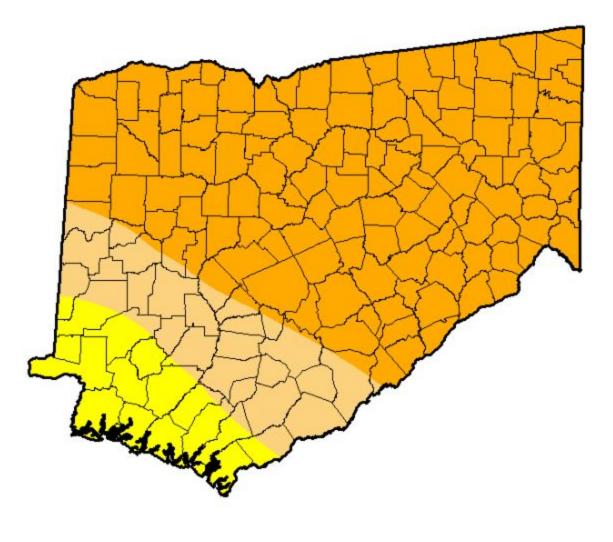
WEEK	None	D0	D1	D2	D3	D4	DSCI
4/30/2002	0	0	0	10.86	89.14	0	389
4/23/2002	0	0	0	100	0	0	300
4/16/2002	0	0	0	100	0	0	300
4/9/2002	0	0	0	52.06	47.94	0	348
4/2/2002	0	0	0	57.74	42.26	0	342
3/26/2002	0	0	0	0	100	0	400
3/19/2002	0	0	0	0	100	0	400
3/12/2002	0	0	0	0	100	0	400
3/5/2002	0	0	0	0	100	0	400
2/26/2002	0	0	0	0	100	0	400
2/19/2002	0	0	0	0	100	0	400
2/12/2002	0	0	0	0	100	0	400
2/5/2002	0	0	0	0	100	0	400
1/29/2002	0	0	0	100	0	0	300
1/22/2002	0	0	0	100	0	0	300
1/15/2002	0	0	0	100	0	0	300
1/8/2002	0	0	0	91.6	8.4	0	308
1/1/2002	0	0	0	73.77	26.23	0	326
12/25/2001	0	0	0	100	0	0	300
12/18/2001	0	0	0	100	0	0	300
12/11/2001	0	0	0	100	0	0	300
12/4/2001	0	0	0	100	0	0	300
11/27/2001	0	0	0	100	0	0	300
11/20/2001	0	0	0	100	0	0	300
11/13/2001	0	0	0	100	0	0	300
11/6/2001	0	0	0	100	0	0	300
10/30/2001	0	0	0	100	0	0	300
10/23/2001	0	0 41.5	100	0	0	0	200
10/16/2001 10/9/2001	0	43.08	58.5 56.92	0	0	0	159 157
10/9/2001	0	45.8	54.2	0	0	0	154
9/25/2001	0	100	0	0	0	0	100
9/18/2001	0	100	0	0	0	0	100
9/11/2001	94.48	5.52	0	0	0	0	6
9/4/2001	94.48	5.52	0	0	0	0	6
8/28/2001	95.28	4.72	0	0	0	0	5
8/21/2001	93.57	6.43	0	0	0	0	6
8/14/2001	86.03	13.97	0	0	0	0	14
8/7/2001	51.45	48.55	0	0	0	0	49
7/31/2001	13.61	86.39	0	0	0	0	86
7/24/2001	9.51	90.49	0	0	0	0	90
7/17/2001	16.69	83.31	0	0	0	0	83
7/10/2001	16.69	83.31	0	0	0	0	83
7/3/2001	0	100	0	0	0	0	100
6/26/2001	0	100	0	0	0	0	100
6/19/2001	0	100	0	0	0	0	100

WEEK	None	D0	D1	D2	D3	D4	DSCI
6/12/2001	0	0	0	100	0	0	300
6/5/2001	0	0	0	100	0	0	300
5/29/2001	0	0	0	100	0	0	300
5/22/2001	0	0	0	100	0	0	300
5/15/2001	0	0	0	100	0	0	300
5/8/2001	0	0	100	0	0	0	200
5/1/2001	0	0	100	0	0	0	200
4/24/2001	0	0	100	0	0	0	200
4/17/2001	0	0	100	0	0	0	200
4/10/2001	0	0	100	0	0	0	200
4/3/2001	0	0	100	0	0	0	200
3/27/2001	0	0	100	0	0	0	200
3/20/2001	0	0	100	0	0	0	200
3/13/2001	0	0	100	0	0	0	200
3/6/2001	0	0	100	0	0	0	200
2/27/2001	0	0	100	0	0	0	200
2/20/2001	0	0	100	0	0	0	200
2/13/2001	0	0	100	0	0	0	200
2/6/2001	0	0	100	0	0	0	200
1/30/2001	0	0	100	0	0	0	200
1/23/2001	0	0	100	0	0	0	200
1/16/2001	0	0	100	0	0	0	200
1/9/2001	0	0	100	0	0	0	200
1/2/2001	0	0	100	0	0	0	200
12/26/2000	0	0	100	0	0	0	200
12/19/2000	0	0	100	0	0	0	200
12/12/2000	0	0	0	100	0	0	300
12/5/2000	0	0	0	100	0	0	300
11/28/2000	0	0	0.01	99.99	0	0	300
11/21/2000	0	0	0	100	0	0	300
11/14/2000	0	0	0	100	0	0	300
11/7/2000 10/31/2000	0	0	0	100 100	0	0	300
10/31/2000	0	0	0	100	0	0	
10/24/2000	0	0	2.8	97.2	0	0	300 297
10/17/2000	0	0	69.82	30.18	0	0	230
10/10/2000	0	0	69.82	30.18	0	0	230
9/26/2000	0	0	70.52	29.48	0	0	229
9/19/2000	0	0	0	9.2	90.8	0	391
9/12/2000	0	0	0	9.21	90.79	0	391
9/5/2000	0	0	0	9.2	90.8	0	391
8/29/2000	0	0	0	0	100	0	400
8/22/2000	0	0	0	0	100	0	400
8/15/2000	0	0	0	0	100	0	400
8/8/2000	0	0	0	0	100	0	400
8/1/2000	0	0	0	0	80.7	19.3	419

WEEK	None	D0	D1	D2	D3	D4	<u>DSCI</u>
7/25/2000	0	0	0	0	61.82	38.18	438
7/18/2000	0	0	0	0	56.29	43.71	444
7/11/2000	0	0	0	0	0	100	500
7/4/2000	0	0	0	0	0	100	500
6/27/2000	0	0	0	0	0	100	500
6/20/2000	0	0	0	0	1.43	98.57	499
6/13/2000	0	0	0	0	0	100	500
6/6/2000	0	0	0	0	100	0	400
5/30/2000	0	0	0	0	100	0	400
5/23/2000	0	0	0	100	0	0	300
5/16/2000	0	0	0	100	0	0	300
5/9/2000	0	0	99.98	0.02	0	0	200
5/2/2000	0	0	99.94	0.06	0	0	200
4/25/2000	0	0	99.94	0.06	0	0	200
4/18/2000	0	0	45.01	54.99	0	0	255
4/11/2000	0	0	100	0	0	0	200
4/4/2000	0	0	100	0	0	0	200
3/28/2000	0	0	100	0	0	0	200
3/21/2000	0	0	100	0	0	0	200
3/14/2000	0	0	100	0	0	0	200
3/7/2000	0	0	100	0	0	0	200
2/29/2000	0	0	100	0	0	0	200
2/22/2000	0	0	100	0	0	0	200
2/15/2000	0	0	100	0	0	0	200
2/8/2000	0	0	100	0	0	0	200
2/1/2000	0	0	100	0	0	0	200
1/25/2000	0	0	100	0	0	0	200
1/18/2000	0	0	100	0	0	0	200
1/11/2000	0	0	100	0	0	0	200
1/4/2000	0	0	99.37	0.63	0	0	201

U.S. Drought Monitor

Georgia



December 5, 2000

(Released Thursday, Dec. 7, 2000)
Valid 7 a.m. EST

Drought Conditions (Percent Area)

	Current	Last Week #/28/2000	3 Month's Ago 9/5/2000	Start of Calendar Year	Start of Water Year 9/26/2000	One Year Ago
None	0.00	0.00	1.74	100.00	14.39	•
D0-D4	100.00	100.00	98.26	100.00	85.61	
D1-D4	88.46	88.46	87.16	100.00	74.27	
D2-D4	71.16	72.09	74.86	68.52	49.79	
D0-D4 D1-D4 D2-D4 D3-D4	0.00	0.00	40.14	0.00	10.68	
R	0.00	0.00	3.27	0.00	0.00	

Intensity:

D1 Moderate Drought	D0 Abnomally Dry
D4 Exceptional Drought	D3 Extreme Drought

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

D2 Severe Drought

Author:

David Miskus NOAA/NWS/NCEP/CPC



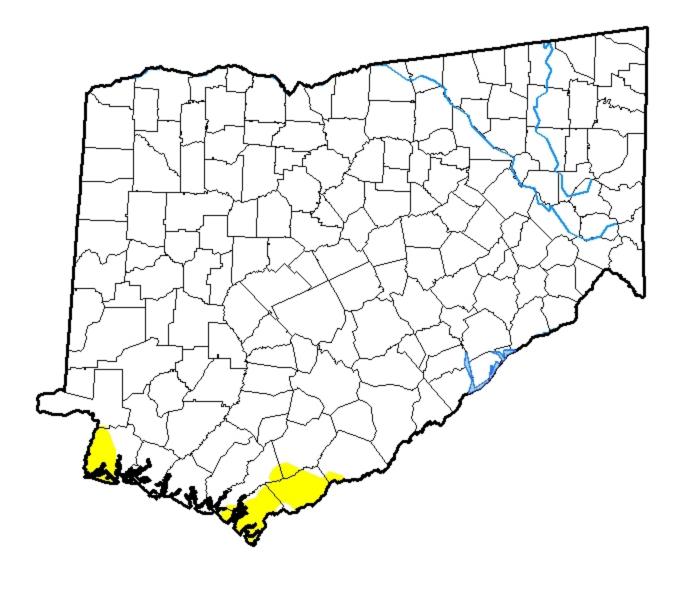






http://droughtmonitor.unl.edu/

U.S. Drought Monitor Georgia



December 4, 2018

(Released Thursday, Dec. 6, 2018) Valid 7 a.m. EST

Drought Conditions (Percent Area)

D0-D4 D1-D4 D2-D4 D3-D4 2.28 0.00 0.00 0.00 11.00 2.29 0.00 0.00 7.84 0.00 0.00 0.00	Start of Calendar Year 12.14 87.86 40.66 0.	01.02-20-10	r 70.95 29.05 6.72
0.00		0.66	
		0.00	

Intensity.

D0 Abnormally Dry

D3 Extreme Drought

D1 Moderate Drought

D4 Exceptional Drought

D2 Severe Drought

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

Author:

Deborah Bathke

National Drought Mitigation Center







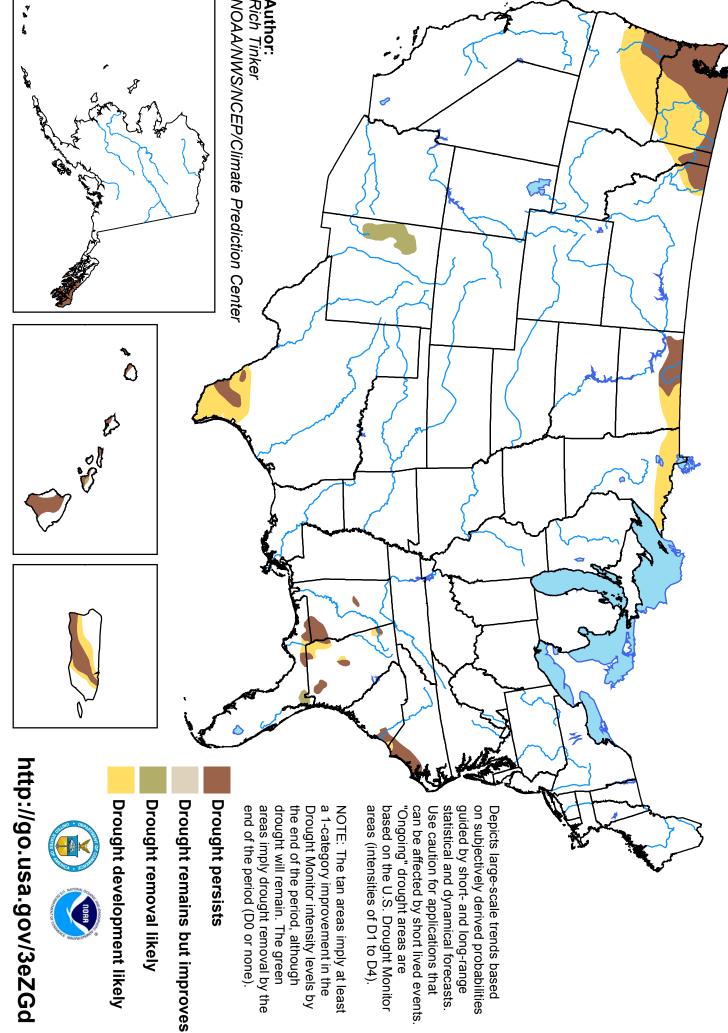




http://droughtmonitor.unl.edu/

Drought Tendency During the Valid Period U.S. Monthly Drought Outlook

Valid for July 2019 Released June 30, 2019



Wildfire

Jefferson County has a total area of 339,991 acres of which 14,847 acres (4.4%) dedicated to agricultural and 287,186 acres (84.5%) dedicated to forestry. Given the right weather conditions and variables, wildfire, due to natural causes, creates a potential threat to the lives of residents and property in the planning area. The NCEI has never reported a significant wildfire event in Jefferson County.

The committee reviewed historical data from the Georgia Forestry Commission, which is not found in the NCEI database, to research wildfire events in Jefferson County. The GFC provides wildfire data on man-made and natural wildfire occurrences for the county as a whole and not for individual jurisdictions. This plan will address only natural disasters. According to Georgia Forestry data, from 1957 to 2017, there have been 3,004 fire events burning a total of 16,703 acres for an average extent of 5.56 acres. Of these 3,004 fire events 168 were a result of lightning strikes that burned 1,505 acres. Based on best available data 175 wildfire events as a result of lightning occurred in the unincorporated areas of the county. While data was collected looking at 60 years of data, frequency rate was calculated using a 20-year hazard cycle per guidance from GEMA. Based on a 20-year hazard cycle there is a 420% chance of an annual wildfire due to a lightning strike or statistically the county can expect 4.2 wildfires as a result of lightning annually.

The GMIS has 15 critical facilities with a hazard score of four (high), 71 with a hazards score of three (moderate), 11 with a hazard score of 2 (low) and four with a hazard score of one (very low probability). The remaining 16 critical facilities have a hazard score of zero. The 102 critical facilities with a wildfire hazard score greater than zero have an estimated potential loss of more than \$247.5 million. The loss for all critical facilities is \$328,905,013. According to FEMA Worksheet #3a there are 40,626 structures/properties with a population of 16,930 with a value of slightly less than \$1.3 billion worth of assets countywide

2001	2000	1999	1000	1000	7.007 7.007	1994	1993	1992	1991	1990	1989	1988	1987	1999	1998	1997	1996	1005	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1982	1981	1980	1979	1978	1977	1976	1974	1973	1972	1971	1969	1968	1967	1966	1965	1964	1 9 6 2 L 9 6 2	1967	1960	1959	1958	1957	Jefferson
221.93 333.93	262.55	326.61	101.04	173.59	109.18	143.15	372.05	182.20	295.07	186.05	99.14	177.73	158.35	241.71	181.56	202.84	173.59	100 18	372.05	182.20	295.07	186.05	99.14	177.73	158.35	161.64	346.92	183.64	103.61	210.83	392.81	161.73	217.14	232.25	130.91	222.75	237.89	140.04	102.15	259.42	262.85	315.77	747.03	0.00	218.27	414.44 201 70	420.30	543.54	443.74	533.80	413.41	TATOT
64.91 55.29	24.48	61.10)))		21.86	47.05	196.21	1.74	0.00	37.45	0.00	23.70	36.48	35.06	33.69	0.66	0.79	31 .CO	196.21	1.74	0.00	37.45	0.00	23.70	36.48	47.07	50.60 50.60	14.67						63.11				4.66	0.00	1.38	7.91	0.00	0.00	0.00	0.00	0 00	J 0 . U 0	19.04	0.00	10.14	0.00	T T Z L T
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0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.99	0.00	0.00	7.64	4.13	1.90	0.00	0.00	0.00	0.37	0.22	9.30	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.61	0.28	0.00	0.40	2.30	0.58	4.77	1.50	0.03	0.97	1.67	0.90	2.36	3.72	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24.93	5.46	41.14	48.69	65.80	12.97	23.77	22.56	5.09	3.21	12.35	55.59	28.85	30.61	3.10	2.41
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.60	21.89	13.80	23.05	10.04	9.12	5.09	14.48	4.63	21.29	24.45	9.48	19.69	10.60	67.43	3.30
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.40	1.72	0.00	1.36	48.80	11.01	3.95	74.03	98.24	57.16	101.88	1.48	47.70	20.88	11.53	16.10
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	70.80	37.30	1.78	3.03	23.99	27.78	11.52	1.80	2.66	19.61	10.31	30.60	10.18	53.34	0.41	3.18
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0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.50	84.50	2.10	22.86	8.70	3.30	0.29	14.07	0.00	16.46	7.19	7.74	0.92	0.07	84.00	0.00
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0	0	Essential, Lifeline, Important, Economic Assets	Government, 0 Water/Sewer		\$0		100	2013	\$393,000	4	Bartow Water Tower	Bartow town
0	0	Essential, Lifeline, Important, Economic Assets	Government, O Water/Sewer		\$0		100	2013	\$69,000	4	Bartow Wastewater Lift Station #3	Bartow Wastewat Bartow town Station #3
12	1	Essential, Lifeline, Important, Economic Assets	Emergency Services, Fire	2013		\$38,500	7500	2013	\$330,630	4	Bartow Fire Dept and Emergency Shelter	Bartow and Em Bartow town Shelter
0	0	Essential, Lifeline, Special Consideration	Government, O Water/Sewer	2013		\$60,000	64	2013	\$17,100	4	Bartow Fire Dept & Communications	Bartow town
ъ	ъ	Economic Assets	Government, 0 Water/Sewer	2013		\$250,000	11232	2013	\$1,342,200	4	Bartow Community Center & Auditorium	Bartow Community Center & Bartow town Auditorium
0	0	Essential, Lifeline	Government, 0 Water/Sewer				100	2013	\$325,000	ω	Avera Water Tank	Avera city
0	0	Essential	Emergency Services, Fire O Fighters	2013		\$200,000	4250	2013	\$100,000	ω	Avera Fire Station	Avera city
0	1	Essential	Government, 0 Private	2014		\$200,000	1000	2014	\$312,500	ω	Avera City Hall	Avera city
Nighttime Occupancy	Daytime N	Risk	e Facility type	Content Functional value year Use value	Content value yea	Content	Building size	Replacement Value Year	Value	Hazard Score	Name	Jurisdiction

0	0	Essential, Lifeline, Important, Economic Assets	Government, 0 Water/Sewer				3 13509	2013	\$46,400	2	Bartow Wastewater Sewage Holding Pond	Bartow town
0	0	Essential, Lifeline, Important, Economic Assets	Government, O Water/Sewer			\$0	3 100	2013	\$71,400	2	Bartow Wastewater Lift Station #2	Bartow town
0	0	Essential, Lifeline, Important, Economic Assets	Government, O Water/Sewer			\$0	3 100	2013	\$70,300	2	Bartow wastewater Lift Station #1	Bartow town
0	0	Essential, Lifeline, Important, Economic Assets	Government, O Water/Sewer			\$0	3 275	2013	\$119,700	ω	Bartow Water Well #2	Bartow Bartow town Well #2
0	0	Essential, Lifeline, Important, Economic Assets	Government, O Water/Sewer	0		\$0	100	2013	\$90,200	ω	Bartow Wastewater Lift Station #5	Bartow town
0	0	Essential, Lifeline, Important, Economic Assets	Government, O Water/Sewer			\$0	3 100	2013	\$60,500	ω	Bartow Wastewater Lift Station #4	Bartow town
0	12	Historic Consideration	Government, O Water/Sewer		2013	_	3 2450	2013	\$826,847	ω	Bartow Museum	Bartow town
12	ω	Essential, Lifeline, Important, Economic Assets	Government, O Private		2013	\$53,500	3 1920	2013	\$209,300	ω	Bartow town Bartow City Hall	Bartow town
Nighttime Occupancy	Daytime I	Risk	Facility type	Content Functional value year Use value	Content value year	Content	Building size	Replacement Value Year	Value	Hazard Score	Name	Jurisdiction

0	0	Essential	Government, 0 Water/Sewer	2013	\$8,000	100	2013	\$27,885	ω	JC Radio Tower	Jefferson County
0	ω	Important	Government, Government, Water/Sewer, Water/Sewer	2013	\$17,500	1000	2013	\$51,090	ω	JC Building Department	Jefferson County
0	4	Essential	Government, Government, Water/Sewer, O Water/Sewer	2013	\$9,800	4072	2013	\$241,236	ω	JC Fire TowerShop/Suppl y Building	Jefferson County
0	1	Important, Special Consideration, Historic Consideration	0 Medical, EMS	2013	\$17,000	8278	2013	\$250,000	ω	Hardeman Building (Swann)	Jefferson County
0	292	Essential, Vulnerable Population	NGO, 0 Water/Sewer	2013	\$510,000	6600	2013	\$12,750,000	ω	Carver Elementary	Jefferson County
0	v	Essential, Important, Special Consideration	Law Enforcement, 0 Prisons			45075	2013	\$3,500,000	ω	1st Baptist Church Evac Center	Jefferson County
0	4	Important	Government, Government, Water/Sewer, O Water/Sewer	2013	\$29,600	1867	2013	\$1,300,621	4	JC Recreation Dept	Jefferson County
0	0	Essential, Lifeline, Important, Economic Assets	Government, 0 Water/Sewer		\$0	100	2013	\$63,700	ь	Bartow Wastewater Sewage Effluent Pump Station	Bartow town
0	0	Essential, Lifeline, Important, Economic Assets	Government, 0 Water/Sewer		\$0	10307	2013	\$50,400	2	Bartow Wastewater Sewage Treatment Pond	Bartow town
Nighttime Occupancy	Daytime N	Risk	Functional Use value Facility type	Content value year	Content	Building size	Replacement Value Year	Value	Hazard Score	Name	Jurisdiction

Jurisdiction	Name	Hazard	Value	Replacement Value Year	Building	Content	Content Functional	Facility type	Risk	Daytime N	Nighttime Occupancy
Jefferson	on County										
County	LIDIALY	u	280,085	2013	5000	\$848,000	2013	Library	Important	IO	
Jefferson County	Jefferson Co. Correction Facility	ω	\$5,261,231	2013	42446	\$833,800	2013	Law Enforcement, O Prisons	Essential, High Potential Loss, Important, Vulnerable Population	200	200
Jefferson County	Jefferson Co. Law Enforcement Center	ω	\$8.041.785	2013	39892	\$1.139.700	2013	Law Enforcement,	Essential, High Potential Loss, Important, Vulnerable Population	225	225
Jefferson County	Jefferson County Armory Transit EMA	ω		2013	14040	\$724,500	2013	Law Enforcement, O Prisons	Essential	10	4
Jefferson County	Jefferson County Bus Shop	ω	\$750,000	2013	4920	\$140,000	2013	Medical,	Important	б	0
Jefferson County	Jefferson County Chamber of Commerce/Murph y House	3	\$361,433	2013	3281	\$122,700	2013	Law Enforcement,	Important, Historic Consideration	8	0
Jefferson County	Jefferson County Commissioners Office/Long House	ω	\$339,300	2013	3080	\$110,300	2013	Law Enforcement,	Essential	30	0
Jefferson County	Jefferson County Courthouse	ω	\$:	2013	6065	\$125,000	2013	Law Enforcement, Law Enforcement, Court House, O Court House	Essential, Historic Consideration	25	25

Jurisdiction	Name	Hazard Score	Value	Replacement Value Year	Building size	Content	Content Functional value year Use value	Facility type	Risk	Daytime Occupancy
Jefferson County	Jefferson County Health Dept	<i>(</i> .)	3 \$841,815	2013	6341	. \$191,700	2013	Education,	Essential	
Jefferson County	Jefferson County Landfill (New)	(1)	\$1		ъ		2013	NGO, NGO, Water/Sewer, 0 Water/Sewer	Hazardous Materials, Important	
Jefferson County	Jefferson County Senior Center	40	3 \$586,170	2013	. 4924	\$86,000	2013	Law Enforcement,	Essential, Vulnerable Population, Special Consideration	
Jefferson County	Jefferson Hospital	(1)	\$57		7			Medical, Medical, Hospital, O Hospital	Essential, Lifeline, Vulnerable Population	
Jefferson County	Louisville Academy Elementary	40	3 \$15,250,000	2013	25047	\$610,000	2013	NGO, 0 Water/Sewer	Essential, Vulnerable Population, Economic Assets	
Jefferson County	Louisville Middle School		3 \$23,500,000	2013	81642		2013	NGO, 0 Water/Sewer	Essential, Vulnerable Population	
Jefferson County	Matthews Station		3 \$47,500					Government, Government, Water/Sewer, Water/Sewer	Essential, Lifeline	
Jefferson County	Ogeechee Service Center	6.	3 \$900,000	2013	10650		2013	Law Enforcement, O Prisons	Essential, High Potential Loss, Important, Vulnerable Population	
Jefferson	Old County		3 \$500.000	2013	7742	\$28,000	2013	Law Enforcement,	Essential, Historic	

Jurisdiction	Name	Hazard Score	Value	Replacement Value Year	Building size	Content	Content Functiona value year Use value	Functional Use value Facility type	Risk	Daytime I	Nighttime Occupancy
Jefferson	Physicians Health							Education, Education,	Essential,		
County	Group Wrens	ω	\$1,015,350	2013	5802	\$500,000	2013	0 Private, Private	ate Important	20	0
Jefferson County	Wrens Elementary	ω	\$20,500,000	2013	78216	\$820,000	2013	NGO, 0 Water/Sewer	<u> </u>	637	0
Jefferson	Wrens Middle							NGO,	Essential, Vulnerable		
County	School	ω	\$17,000,000	2013	59902	\$680,000	2013	0 Water/Sewer	Population	315	0
Jefferson County	Jefferson County Magistrate and Juvenile Court	2	\$24,001,242	2013	22000	\$8,400		Law Enforcement, Law Enforcement, Court House, O Court House	t, t, Essential	20	20
Jefferson	Lions Club Evac.							Law Enforcement, Law Enforcement,	t, Essential, t, Historic		
County	Center	2	\$12,000	2013	1000			0 Prisons, Prisons		8	0
Jefferson County	JEFFERSON CO-US 1 (AVERA RD) (SL)	L	\$1,500,000	2013	10000			Government,	t, Important	0	0
Jefferson County	Hillcrest Station	0		2013	5068			Government, Government, Water/Sewer O Water/Sewer	`	0	0
Jefferson County	Jefferson County High School	0	\$55,	2013		179142 \$2,200,000	2013	Medical, 0 Hospital		937	0
Jefferson County	Sandersville Tech	0		2013		\$7,500		Education, Education, 0 VoTech, VoT	Education, Important, Education, Vulnerable O VoTech, VoTech Population	75	75

	Note Value	0	0		0 Water/Sewer			100	2014	2	\$712,500	2	ty Tower	Louisville city Tower
	Note Value				Government,								Louisville Water	
	Hazard Value Val	0	0	Lifeline	00 Water/Sewer	15000		50	014	21	\$150,000	2	Louisville city Station at HS	Louisville c
Note Value	Replacement			Essential.	Government.								Louisville Lift	
	Healescent Hea	0	0	Lifeline	0 Water/Sewer			100	013	2	\$175,000	2	ty station	Louisville city station
Note Value	Replacement Store Value			Essential,	Government,								Booster pump	
Score Value Valu	Hazard H	0	0	Lifeline	0 Water/Sewer			100	016	21	\$150,000	ω	ty Station	Louisville city
Value Valu	Reparement Building Content			Essential,	Water/Sewer,								US # 1 Bypass Lift	
Value Valu	Name				Government,									
Note Value	Name			-	Government.								-	
Name Value	Note Palue	0	20	Important	0 Water/Sewer	+-				2	\$2,400,000	ω	Louisville city Group Louisville	Louisville c
Score Value Valu	Hazard Replacement Building Content Functional				Government,								Physicians Health	
	Replacement Score Value	0	10	Population	0 Water/Sewer			207		2	\$1,261,225	ω	ty Dialysis Center	Louisville city
	Replacement Building Content Facility type Risk Occupancy Occupa			Vulnerable	Government,								NCA Northside	
	National			Important,										
Name Value	Hazard Replacement Building Content Functional	0	0	Consideration	0 Water/Sewer			600	013	21	\$100,000	3	Louisville city Market House	Louisville c
Nature Value Val	Hazard Hazard Replacement Building Content C			Historic	Government,									
Native Value Year Size Value Year Use value Facility type Risk Occupancy Occupan	Hazard Replacement Bullding Content Content Functional Functional Content Functional Content Functional Content Functional Content Functional Content Functional Content Content Content Functional Content Conten			Consideration,										
Note Value Value Year Size Value Year Use Value Year Use Value Year Use Year Year Year Use Year Year Use Year Year Use Year Year Year Use Year Year Year Use Year Ye	Hazard Replacement Building Content Functional Facility type Risk Occupancy Occupanc			Special										
Note Value Value Year Size Value Value Year Use value Facility type Risk Occupancy Occupancy	Hazard Hazard Heplacement Building Content Functional Daytime Nighttim Score Value Val		c	IIIborraiir	O water/sewer			1400			74,423,000	U	CY VV OI NO	FOOISVIIIE CITY ANDLYS
Score Value Value Year Size Value Value Year Use value Facility type Risk Occupancy Occupancy	Hazard Hazard Hazard Replacement Building Content Content Functional Replacement Building Content Functional Value Vealue Value Vear Value Vear Use value Facility type Risk Occupancy Occupan Education, Vulnerable Education, Vulnerable Occupancy Occupan Score Value Value Year Value Vear Use value Facility type Risk Occupancy Occ	>)		0 14//0					ر	2000	J	The latest	-
Score Value Value Year Size Value Year Yea	Hazard Replacement Building Content Functional Score Value Value Year Size value value year Use value Facility type Risk Occupancy Occupan Provided Pear Size value Value Year Use value Facility type Risk Occupancy Occupancy Occupan Replacement Building Content Functional Value Year Use value Facility type Risk Occupancy Occupan Replacement Building Content Functional Value Year Use value Facility type Risk Occupancy Occupan Replacement Building Content Functional Value Year Use value Facility type Risk Occupancy Occupan Replacement Building Content Functional Replacement Size Value Value Year Use value Facility type Risk Occupancy Occupan Replacement Value Value Year Use value Facility type Risk Occupancy Occupancy Occupan Replacement Value Value Value Year Use value Facility type Risk Occupancy Occupancy Occupancy Replacement Value Value Year Use value Facility type Risk Occupancy Occupancy Occupancy Replacement Value Value Year Use value Facility type Risk Occupancy Occupancy Occupancy Replacement National Value Value Year Use value Facility type Risk Occupancy Occupancy Replacement National Value Value Year Use value Facility type Risk Occupancy Occupancy Replacement National Nati			Lifeline.	Government.								Louisville Water	
Score Value Value Year Size Value Year Use value Facility type Risk Occupancy	Hazard Value Replacement Building Content Content Functional Score Value Value Year size value Value year Use value Facility type Risk Occupancy Occupancy Occupancy 1			Eccential										
Score Value Value Year size value Value Year Use Value Year Value Year Occupancy	Hazard Value Replacement Building Content Content Functional Facility type Risk Occupancy Occupancy Occupancy Ne 4 \$5,000,000 2013 45062	0	0	Important	0 Private			000		2	\$500,000	ω	ty Hall	Louisville city
Score Value Value Year size value Year Use Value Year Value Year Value Year Occupancy	Hazard Replacement Building Content Functional				Government,								Louisville OLD City	
Score Value Value Year size value value year Use value Facility type Risk Occupancy Occupancy A	Hazard Score Value Value Year size value value year Use value Facility type Risk Occupancy Occupancy 4 \$5,000,000 2013 45062	0	4	Essential	0 Fighters	+	201			21	\$750,000	ω	ty Station	Louisville city Station
Score Value Value Year size value value Year Use value Year Facility type Risk Occupancy Occupancy Occupancy Occupancy Occupancy Occupancy Occupancy Occupancy Occupancy Occupancy Occupancy Occupancy Control of Section Vulnerable Population 225 3 \$500,000 2006 100 45062	Hazard Replacement Building Content Functional Score Value Value Year size value value year Use value Facility type Risk Occupancy Occupan Provided Pacility type Risk Occupancy Occupancy Replacement Building Content Functional Functional Functional Nightime Nightime Nightime Score Nightime Nig				Services, Fire								Louisville Fire	
Score Value Year Size Value Year Year Value Year Yea	Hazard Replacement Building Content Functional Daytime Nightime Score Value Value Year size value value year Use value Facility type Risk Occupancy Occupancy 4 \$5,000,000 2013 45062 Education, Vulnerable Education, Population 225 5 \$3 \$500,000 2006 100 Water/Sewer Important 0 5 \$3 \$550,000 2013 7200 \$350,000 2013 0 Private Essential 10				Emergency									
Score Value Value Year Size Value value year Use value Facility type Risk Occupancy Occupancy 4 \$5,000,000 2013 45062 Education, Vulnerable OLibrary Population 225 Government, Essential, O Water/Sewer Important O Government, Essential, O Government, O	Score Value Value Year size value value year Use value Facility type Risk Occupancy Occupancy 4 \$5,000,000 2013 45062 Education, Vulnerable Education, Population 225 3 \$500,000 2006 100 Government, Essential, O Government, O Governme	4	10	Essential	0 Private	ω_	2013			21	\$550,000	ω	Louisville city Louisvill City Hall	Louisville c
Score Value Vear Value Year Value year Use value year Use value Facility type Risk Occupancy Occupancy 4 \$5,000,000 2013 45062 Education, Vulnerable Dibrary Population 225 Government, Essential, O Water/Sewer Important 0	Score Value Value Year size value value year Use value Facility type Risk Occupancy Occupancy 4 \$5,000,000 2013 45062				Government,									
Score Value Year Size Value year Use value Facility type Risk Occupancy Occupancy 4 \$5,000,000 2013 45062 Education, Vulnerable 0 Library Population 225 Government, Essential,	Score Value Year size value value year Use value Facility type Risk Occupancy Occupan 4 \$5,000,000 2013 45062	0	0	Important	0 Water/Sewer			100	006	2	\$500,000	ω	ty Water Tank	Louisville city
Score Value Velue Year size value value year Use value Facility type Risk Occupancy Occupancy 4 \$5,000,000 2013 45062 0 Library Population 225	Replacement Building Content Content Functional Daytime Nighttim Score Value Year size value value year Use value Facility type Risk Occupancy Occupan Education, Vulnerable \$5,000,000 2013 45062 0 Library Population 225			Essential,	Government,								City of Louisville	
Score Value Value Year size value value year Use value Facility type Risk Occupancy Occupancy Education, Vulnerable	Score Value Year size value value year Use value Facility type Risk Occupancy Occupancy 4 \$5,000,000 2013 45062 0 Library Population 225			-							1 - 1 - 1 - 1		0	
Value Value Year size value value year Use value Facility type Risk Occupancy	d Replacement Building Content Content Functional Daytime Value Value Year size value value year Use value Facility type Risk Occupancy	200	225	Vulnerable	Education,			062		2	\$5,000,000	4	Ouisville city OCI Nursing Home	l ouisville c
	Replacement Building Content Content Functional Daytime	Occupancy		Risk	Facility type	. Use value	value year	value	size	Value Year			Name	Jurisdiction
Replacement Building Content Content Functional	The state of the s	Vighttime				Functional	Content			Replacemen				

0	0	Essential, Lifeline, Important	Government, !00000 Water/Sewer	200000		<u> </u>	100	2012	\$500,000	3	Stapleton Water Tank #2	Stapleton
0	0	Essential, Lifeline, Economic Assets	Government, 000000 Water/Sewer	200000		J	100	2012	\$500,000	ω	Stapleton Water Tank #1	Stapleton
0	0	Essential, Lifeline, Important	Emergency Services, Fire Fighters	100000	2012	\$700,000	6000	2012	\$394,800	ω	Stapleton Fire house & Emergency Shelter	Stapleton
0	2	Essential	Government, Private	Ъ	2012	\$30,000	3000	2012	\$383,700	ω	Stapleton City Hall & Emergency Shelter	Stapleton
0	0	Essential, Lifeline	Government, Government, Water/Sewer, O Water/Sewer	0			1000	2016	\$150,000	0	McBride Lift Station	McBrid Louisville city Station
0	2	Essential, Hazardous Materials, Lifeline	Government, 0 Water/Sewer	0			01	2016	\$15,000,000	0	Louisville city Louisville WPCP	Louisville city
0	0	Essential, Lifeline	Government, 25000 Water/Sewer	125000			1 50	2014	\$125,000	0	Louisville Tech Lift Station	Louisvil Station
0	0	Transportation,	NGO, Transportation	0		S	3200	2013	\$543,665	0	Louisville City Airport	Louisvil Louisville city Airport
0	0		Government, 0 Water/Sewer	C			0,	2016	\$5,000,000	0	Grange Rd water Plant	Grang Louisville city Plant
0	0	Essential, Important, Special Consideration	Government, O Water/Sewer	0		J	1 100	2014	\$950,000	ь	Louisville City WaterTower	Louisville City WaterTower
Nighttime Occupancy	Daytime Occupancy	Risk	Facility type	Functional Use value	Content value year	Content	Building	Replacement Value Year	Value	Hazard Score	Name	Jurisdiction

0	0	Essential	Government, 0 Water/Sewer				2018	\$20.690	υ υ	Wadley Lift Station	Modlossits
0	0	Essential	Government, 0 Water/Sewer	0			2018	\$20,690	ω	Wadley Lift Station #1	Wadley city
0	л	Essential, Economic Assets	Government, O Private	2014 (\$250,000	3645	2014	\$1,500,000	ω	Wadley City Hall	Wadley city
0	10	Important	Education, O Private	2013	\$250,000	2318	2013	\$405,650	ω	Physicans Health Group Wadley	Wadley city
0	0	Essential, Lifeline	Government, 0 Water/Sewer			100	2013	\$600,000	4	Wadley Well House	Wadley city
5	σ	Important, Economic Assets	Education, O Library	2013	\$538,200	3114	2013	\$510,000	4	Wadley Public Library	Wadley city
0	0	Important, Historic Consideration	Emergency Services, Fire O Fighters	C		1200	2014	\$400,000	4	Wadley Gym	Wadley city
0	0	Essential	Emergency Services, Fire O Fighters	2018	\$500,000	-	2018	\$300,000	4	Wadley Fire Station	Wadley city
0	0	Essential, Lifeline	Government, 0 Water/Sewer	0		100	2013	\$650,000	4	Wadley Elevated Water Tank	Wadley city
0	0	Important, Economic Assets, Historic Consideration	Government, O Water/Sewer			6000	2014	\$700,000	4	Wadley Community Complex	Wadley city
90	120	Important, Vulnerable Population, Economic Assets, Special Consideration	Government, Water/Sewer	2014	\$750,000	26500	2014	\$1,610,863	4	Glendale Nursing	Wadley city
Nighttime Occupancy	Daytime Occupancy	Risk	Facility type	Content Functional value year Use value	Content Co	Building size	Replacement Value Year	Value	Hazard Score	Name	Jurisdiction

Jurisdiction	Name	Hazard Score	Value	Replacement Value Year	Building	Content	Content Functiona value year Use value	Functional Use value	Facility type	Risk	Daytime Occupancy	Nighttime Occupancy
	Wadley Lift Station								Government,			
Wadley city	#3	3	\$20,690	2018					0 Water/Sewer	Essential	0	0
	Wadley Lift Station								Government,			
Wadley city	#4	ω	\$20,690	2018					0 Water/Sewer	Essential	0	0
Wadley city	#5	J.	420 690	2018					0 Water/Sewer			0
	Wadley Lift Station								Government,			
Wadley city	#6	3	\$20,690	2018					0 Water/Sewer	Essential	0	0
									Law			
	Wadley Police								Enforcement,			
Wadley city	Department	ω	\$500,000	2018		\$100,000	2018		0 Police	Essential	6	2
	Wadley Water								Government,	Essential,		
Wadley city	Tower #2	ω	\$500,000	2013	100				0 Water/Sewer	Lifeline	0	0
										Essential,		
										Lifeline, High		
									Law	Potential Loss,		
	Border Regulator								Enforcement,	Hazardous		
Wrens city	Station	3	\$100,000	2012	100				0 Court House	Materials	0	0
										Essential,		
									Law	Lifeline,		
									Enforcement,	Hazardous		
Wrens city	Southern Tap #1	3	\$750,000	2014	50				0 Court House	Materials	0	0
	Water Booster								Government,	Essential,		
Wrens city	Station	3	\$500,000	2012	1000				0 Water/Sewer	Lifeline	0	0
	Waynesboro											
	Highway Lift								Government,	Essential,		
Wrens city	Station	3	\$400,000	2014	100				0 Water/Sewer	Lifeline	0	0
	West Walker St								Government,	Essential,		
Wrens city	Lift Station	3	\$300,000	2014	100				0 Water/Sewer	Lifeline	0	0
									Emergency			
	Wrens Community								Services, Fire	Economic		
Wrens city	Center	3	\$500,000	2014	3400	\$50,000			0 Fighters	Assets	20	0
)	Important,		
	פעותוט ועותמותמו)							Covernient,	4 dill di di di		
Wrens city	Center	3	\$875,000	2014	400	\$200,000			0 Water/Sewer	Population	20	0

0		בטטפוו נומו.	Government,							_		
		Eccontial)								King Mill Well	
		Assets	0 Water/Sewer				200	2014	\$625,000	2	Wrens Water Tank	Wrens city
		Economic	Government,									
		Lifeline,										
		Essential,										
0		Assets	0 Water/Sewer			\$50,000	144	2014	\$300,000	2	Pumping Station	Wrens city
		Economic	Government,								Wrens Water	
		Lifeline,										
		Essential,										
0		Lifeline	0 Water/Sewer				100	2014	\$400,000	2	Station	Wrens city
		Essential,	Government,								Bushy Creek Lift	
0		Assets	0 Water/Sewer				250	2014	\$687,500	з	Wrens Water Tank	Wrens city
		Economic	Government,									
		Lifeline,										
		Essential,										
0 0		Lifeline	0 Water/Sewer				200	2014	\$625,000	ω	Wrens Water Tank	Wrens city
		Essential,	Government,						-			
0		Liteline	0 Water/Sewer				150	2014	\$625,000	u	Wrens Water lank	Wrens city
		Essential,	Government,)))))	: : :	:
		1 200	ס אי מנינו/ טריאינו					+102	7123,000	L	- amping acade	AA I CITS CITY
0		Assats	0 Water/Sewer		-	\$25 DDD	200	2017	\$1.25,000	υ.	Pumping Station	Wrens city
		Economic	Government								Mrens Mater	
		Lifeline										
		Essential,										
0		Assets	0 Water/Sewer			\$25,000	800	2014	\$75,000	ω	Pumping Station	Wrens city
		Economic	Government,								Wrens Water	
		Lifeline,										
		Essential,										
0 0		Assets	0 Water/Sewer			\$125,000	1400	2014	\$3,250,000	ω	Treatment Plant	Wrens city
		Economic	Government,								Wrens Sewage	
		Materials,										
		Hazardous										
		Essential,										
0 0		Consideration	0 Library		2013	\$549,200	3000	2013	\$625,000	ω	Building	Wrens city
	oric	Assets, Historic	Education,								Wrens Old Library	
		Economic										
		Important,										
						9	į	9				
	Occupancy	Risk	Facility type	value vear Use value	value vear	value	size		Value		Name	Jurisdiction
Nighttime	Davtime			Functional	Content	Content	Building	Replacement		Hazard		

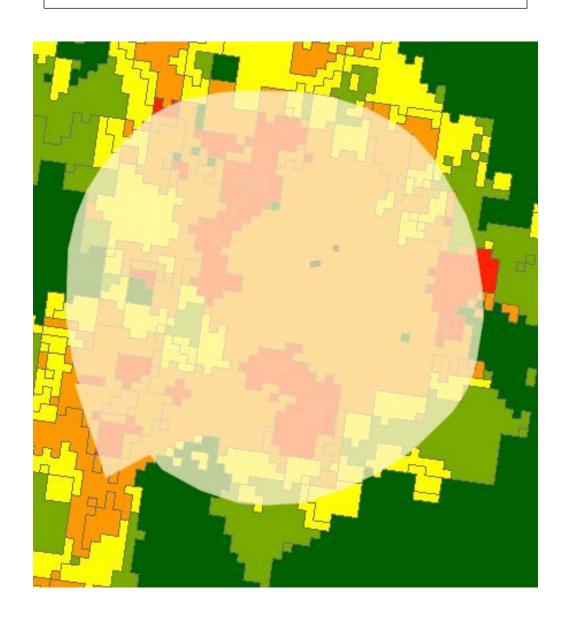
100 O Water/Sewer Lifeline O O O O Emergency Essential, Services, Fire Hazardous O Fighters Materials O O O O O O O O O O O O O O O O O O	2014 1955 2012 50 2014 100 2013 7500	0 \$250,000 0 \$750,000 0 \$350,000 0 \$1,125,000	Southern Tap #2 Stephens St Lift Station Wrens City Hall	Wrens city
Emergency Essential, Services, Fire Hazardous O			Southern Tap #2 Stephens St Lift Station	
O Water/Sewer Lifeline O			Southern Tap #2 Stephens St Lift Station	
Mater/Sewer Lifeline 0			Southern Tap #2 Stephens St Lift Station	
Water/Sewer Lifeline 0			Southern Tap #2 Stephens St Lift	Wrens city
Emergency Essential, Services, Fire Hazardous O Fighters Materials O Fighters Materials O Fighters Hazardous Court House Enforcement, Hazardous Enforcement, Materials, O Court House Hazardous Emergency Lifeline, Services, Fire Hazardous O Fighters Materials O Fighters Material, Lifeline, Services, Fire Hazardous O Fighters Material, Lifeline, Government, Hazardous O Water/Sewer Materials O Materials			Southern Tap #2	
O Water/Sewer Lifeline O				Wrens city
O Water/Sewer Lifeline				
O Water/Sewer Lifeline				
O Water/Sewer Lifeline 0 Emergency Essential, Services, Fire Hazardous O Fighters Materials O Fighters Materials O Fighters Hazardous Law Enforcement, Potential Loss, Law Hazardous Enforcement, Materials, O Court House Important Essential, Emergency Lifeline, Services, Fire Hazardous O Fighters Materials O Fighters Materials				
O Water/Sewer Lifeline 0 Emergency Essential, Services, Fire Hazardous O Fighters Materials O Fighters Hazardous Ufeline, High Potential Loss, Law Hazardous Enforcement, Materials, O Court House Important Essential, Emergency Lifeline, Services, Fire Hazardous Hazardous			Ka-Min #2	Wrens city
O Water/Sewer Lifeline 0 Emergency Essential, Services, Fire Hazardous O Fighters Materials 0 Fighters Hazardous Ufeline, High Potential Loss, Law Hazardous Enforcement, Materials, O Court House Important Essential, Emergency Lifeline, Lifeline, High Potential Loss, Hazardous Enforcement, Materials, Ufeline, Lifeline,				
O Water/Sewer Lifeline 0 Emergency Essential, Services, Fire Hazardous O Fighters Materials 0 Essential, Lifeline, High Potential Loss, Law Hazardous Enforcement, Materials, O Court House Important 0				
O Water/Sewer Lifeline 0 Emergency Essential, Services, Fire Hazardous O Fighters Materials 0 Essential, Lifeline, High Potential Loss, Law Enforcement, Materials, O Court House Important 0				
O Water/Sewer Lifeline 0 Emergency Essential, Services, Fire Hazardous O Fighters Materials 0 Essential, Lifeline, High Potential Loss, Law Enforcement, Materials, Materials,	2014 10	0 \$250,000	KA-MIN #1	Wrens city
O Water/Sewer Lifeline				
O Water/Sewer Lifeline 0 Emergency Essential, Services, Fire Hazardous O Fighters Materials 0 Essential, Lifeline, High Potential Loss,				
O Water/Sewer Lifeline 0 Emergency Essential, Services, Fire Hazardous O Fighters Materials 0 Essential, Lifeline, High				
O Water/Sewer Lifeline 0 Emergency Essential, Services, Fire Hazardous O Fighters Materials 0 Essential,				
O Water/Sewer Lifeline 0 Emergency Essential, Services, Fire Hazardous O Fighters Materials 0				
O Water/Sewer Lifeline 0 Emergency Essential, Services, Fire Hazardous	2014 10	0 \$300,000	IMERYS Meter Set	Wrens city
0 Water/Sewer Lifeline 0 Emergency Essential,				
0 Water/Sewer Lifeline 0				
	2014 100	0 \$350,000	Station	Wrens city
Government, Essential,			Highway 88 Lift	
100 0 Court House Materials 0 0	2012 100	0 \$225,000	Calcine Meter Set	Wrens city
Enforcement, Hazardous				
Law Lifeline,				
Essential,				
value value year Use value Facility type Risk Occupancy Occupancy	Value Year size	Value	Name Score	Jurisdiction
ng Content Content Functional Daytime Nighttime	Replacement Building	Hazard Re	На	

JEFFERSON COUNTY GMIS WILDFIRE RISK MAP



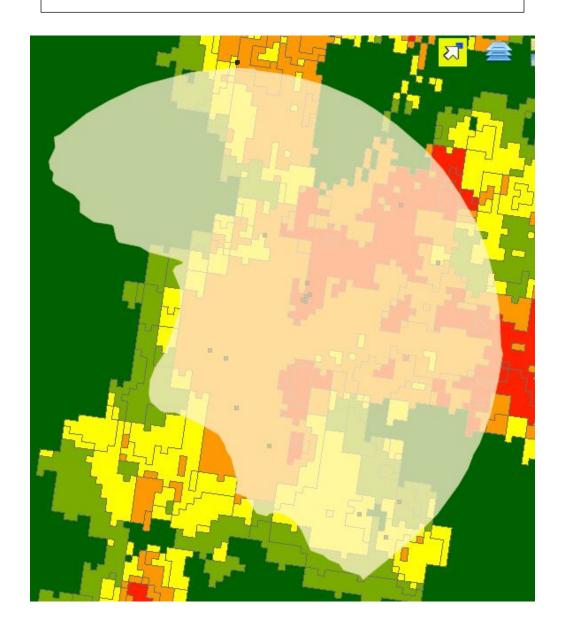
Score	Description
4	High
3	Moderate
2	Low
1	Very Low
	No Houses
0	Agriculture
U	Water
	City

AVERA GMIS WILDFIRE RISK MAP



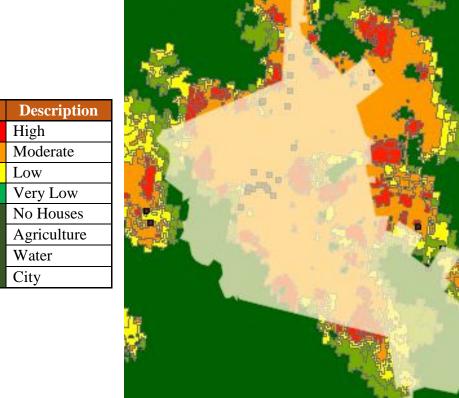
Score	Description
4	High
3	Moderate
2	Low
1	Very Low
	No Houses
0	Agriculture
U	Water
	City

BARTOW GMIS WILDFIRE RISK MAP



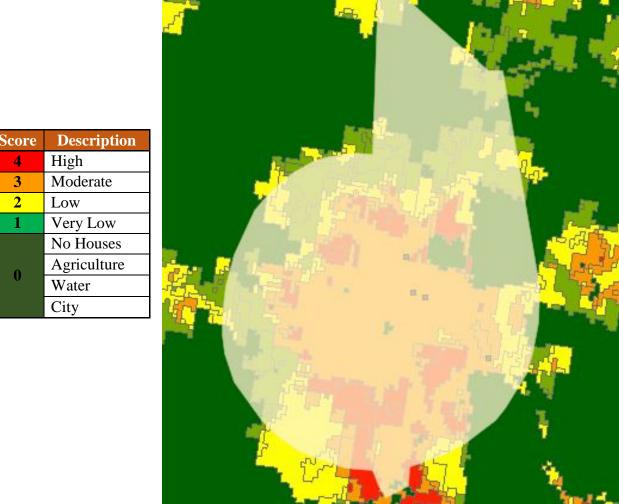
Score	Description
4	High
3	Moderate
2	Low
1	Very Low
	No Houses
0	Agriculture
U	Water
	City

LOUISVILLE GMIS WILDFIRE RISK MAP



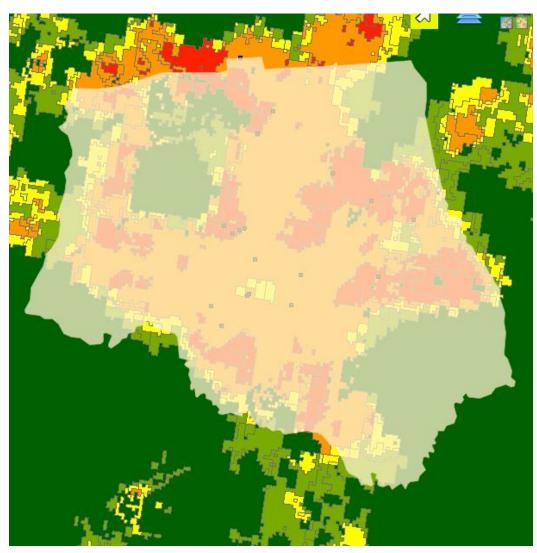
Score Description 4 High 3 Moderate 2 Low 1 Very Low No Houses Agriculture Water City		
 3 Moderate 2 Low 1 Very Low No Houses Agriculture Water 	Score	Description
2 Low 1 Very Low No Houses Agriculture Water	4	High
Very Low No Houses Agriculture Water	3	Moderate
No Houses Agriculture Water	2	Low
Agriculture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

STAPLETON GMIS WILDFIRE RISK MAP



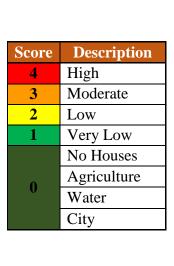
Score	Description
4	High
3	Moderate
2	Low
1	Very Low
	No Houses
0	Agriculture
U	Water
	City

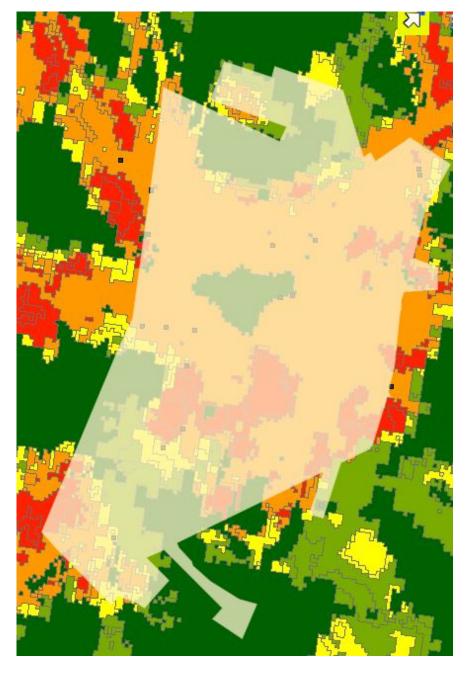
WADLEY GMIS WILDFIRE RISK MAP

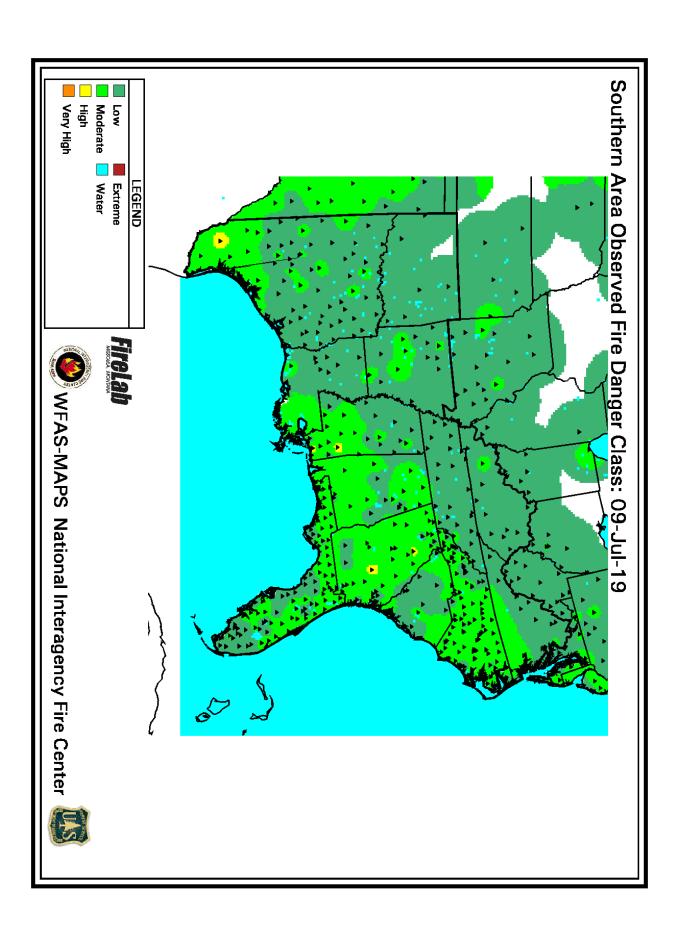


Score	Description
4	High
3	Moderate
2	Low
1	Very Low
	No Houses
0	Agriculture
U	Water
	City

WRENS GMIS WILDFIRE RISK MAP







Severe Weather

The Jefferson County Pre-Disaster Hazard Mitigation Committee reviewed historical data from the county's own weather database, the National Climatic Data Center, newspapers and citizen interviews in researching the past effects of severe weather in Jefferson County. The month of February marks the beginning of the severe weather season in the South, which can last until the month of August. Five types of severe weather were identified by the mitigation team: (1) tornados, (2) tropical storms, (3) thunderstorm winds, (4) lightning, and (5) hail.

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. Tornados 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.

The second type of severe weather is tropical storms. Tropical Storms are an organized system of strong thunderstorms with a defined surface circulation and maximum sustained winds of 39–73 MPH (34–63 knots). In this area they generally occur as a result of a hurricane or tropical system that has come inland.

The third severe weather event, 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. When the downdraft reaches the ground it spreads out forming a gust front: the strong wind that kicks up just before the storm hits. As the thunderstorm moves through the area, the full force of the downdraft in a severe thunderstorm can be felt as horizontal, straight-line winds with speeds well over 50 miles per hour. Straight-line winds are often responsible for most of the damage associated with a severe thunderstorm. Damaging straight-line winds occur over a range of scales. At one extreme, a severe single-cell thunderstorm may cause localized damage from a microburst, a severe downdraft extending not more than about two miles across. In contrast, a powerful thunderstorm complex that develops as a squall line can produce damaging winds that carve a path as much as 100 miles wide and 500 miles long.

The fourth severe weather event is lightning. 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.

The final severe weather event is hail. 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.

Hail can also be a destructive aspect of severe thunderstorms. Hail causes more monetary loss than any other type of thunderstorm-spawned severe weather in the United States, annually producing about one billion dollars in crop damage. Storms that produce hailstones only the size of a dime can produce dents in the tops of vehicles, damage roofs, break windows and cause significant injury or even death.

Based on historic data

Weather Event	#	Fatalities	Injuries	Approximate Property/Crop Damage
Tornados	15	0	31	\$9,425,000
Tropical Storms	21	0	0	\$153,182
Thunderstorm Winds	104	2	5	\$6,104,818
Lightning	194	0	1	\$291,037
Hail	53	0	0	\$1,849,832

The GMIS has the entire county with a wind hazard score of two, where wind speed is between 90 to 99 mph. All 118 critical facilities have a wind hazard score of two with a replacement cost of more than \$328 million. To summarize, there are approximately 40,626 structures/properties in the county totaling slightly less than \$1.3 billon with a population of 16,930.

A damage survey conducted by the National Weather Service Forecast office in Peachtree City, Georgia confirmed that an EF2 tornado touched down in northern Jefferson county. The tornado touched down approximately one mile northwest of Wrens and traveled east a little less than nine miles across northeastern Jefferson county and the town of Matthews, before crossing into Burke county just south of the town of Keysville. The tornado continued on the ground an additional eight to nine miles into Burke county before finally lifting near the Applewood County Club in Burke county. The total tornado path length was 19 miles. The maximum path width was one-quarter mile and maximum sustained winds were estimated at 120 mph. The most significant damage occurred in Matthews, where several mobile homes were destroyed. Two businesses in Wrens were destroyed and several others sustained damage. A church and an elementary school, and several homes in Wrens also suffered at least minor damage from wind and numerous downed trees. ficant roof damage. No serious injuries or fatalities were reported from this tornado.	Tolliado (EF2)	90.00	3.000,000.00			, r	€ rens	3/13/2000	3/13/2000
Several residents in the area reported seeing a tornado that was approximately 10 to 15 feet wide and traveled about 60 to 75 feet above the ground. One resident about four miles west of Louisville reported seeing two tornadoes.	Tornado (F1)					F1			7/1/2003
A possible tornado touched down briefly on Baldee Road between Bartow and Louisville. It damaged a cattle barn and power poles. A tree was downed and there was debris over the road. The length and width are estimated.	Tornado (F0) / H t	\$0.00	\$10,000.00	0	0	FO	Bartow	6/15/1996	6/15/1996
A tornado destroyed 2 brick homes and 7 mobile homes. 15 other homes were heavily damaged and 10 others had minor damage. The path and duration of the tornado was estimated. There were intermittent touchdowns.	Tornado (F1) Tornado (F1)	\$0.00 \$0.00	\$1,000,000.00	5	0	F1	Wrens	6/1/1992	6/1/1992 3/7/1996
Dipped down at Bartow and almost completely destroyed a house. The winds lifted the roof and uprooted numberous large trees around the house					0	F1			12/4/1983 10/1/1989
Tornado Snapped off pine trees and demolished a restaurant Three homes were damaged/	Torn		\$2	0	0	F1			3/18/1981 7/25/1981
Tornado Trees were uprooted and twisted off. One residences was picked up and moved about 15 feet. Tornado	Tornado a Tornado	\$0.00 \$0.00	\$25,000.00 \$2,500,000.00	21	0	F1 F3		7/19/1971	7/19/1971
	REMARKS Tornado	CROPDMG \$0.00	PROPDMG \$0.00	INJURIES 0	FATALITIES	MAG F0	BGN_LOCATI	END_DATE 7/22/1970	BGN_DATE 7/22/1970

4/10/2009		5/11/2008
4/10/2009		5/11/2008
Stapleton		Grange
EF1		EF0
0		0
0		0
00.000,001\$		00.000,000,2\$
00		00
\$0.00		\$0.00
Tornado (EF1)		Tornado (EF0)
A damage survey conducted by the National Weather Service Forecast Office in Peachtree City, Georgia confirmed that the EF1 tornado that initially touched down in extreme eastern Glascock county continued into far northern Jefferson county along a five mile-long path before lifting approximately three miles northeast of Stapleton. The tornado was determined to have a maximum path width of 200 yards with maximum winds estimated at 110 mph. The majority of the damage associated with this tornado occurred in Jefferson county. Significant damage was observed to the Heartsgrove Baptist Church at the intersection of Georgia Highways 80 and 296, just across from the Glascock county line. Part of the roof, brick siding, and the chimney were removed from the structure. Several granite headstones in the adjacent cemetery were tipped over. Many trees were down along the path of the tornado, especially along a 3/4 mile-long path east of the damaged church.	A damage survey conducted by the National Weather Service Forecast Office in Peachtree City, Georgia confirmed that the EFO tornado that originally touched down in north central Washington county, just northeast of Sandersville, continued on a long 33 mile track across eastern Washington, central Jefferson, and into far western Burke county before lifting one mile south of Vidette. The tornado entered Jefferson county approximately 10 miles westnorthwest of Louisville and skirted across the northern part of Louisville, then continued eastward, exiting the county about seven miles east-northeast of Louisville. A little over 17 miles of the tornado path occurred within Jefferson county. The maximum path width of the tornado was estimated to be 440 yards or around 1/2 mile. Homes on the northern side of Louisville sustained considerable damage from the tornado, including both mobile homes were affected, two of which were destroyed and 50 had major damage. Approximately 185 single-family homes suffered damage. Of these, 70 were destroyed and 115 sustained major damage. In addition 13 businesses, six government facilities, and two non-profit organization building structures were damaged. Of the six government facilities, two of them were county schools. Hundreds of trees and power lines were also downed along the path of the tornado. At least 5600 residents of the area were left without power following the storm.)

O Georgia from late morning through the afternoon.			EF0	Grange	4/3/2017
weather, including numerous tornadoes, across north and central					
moderate instability and strong shear resulted in widespread severe					
swept through the southern and eastern U.S. and combined with					
Jefferson, 2017:059].A strong short wave and associated surface low					
reported. [04/03/17: Tornado #27, County #2/2, EF-0, Washington,					
several trees before lifting just east of Highway 171. No injuries were					
and minor damage to a shed. The tornado continued uprooting					
Hardeman Road where it caused minor damage to a roof of a home					
path width of 200 yards. The tornado crossed Highway 88 and					
tornado with maximum wind speeds of 80 MPH and a maximum					
in Washington County moved east into Jefferson County as an EFO					
A National Weather Service survey team found that an EF1 tornado					
	\$0.00	0 \$25,000.00			

http://www.tornadohistoryproject.com/

	0			Tropical Storm Irma	Jefferson		9/11/2017
	0	0	Jefferson	Tropical Storm	Jefferson		9/4/2011
	0	0	Jefferson	Tropical Storm	Jefferson		11/10/2009
	OK	0 0.00K	Jefferson	Tropical Storm	Jefferson		8/21/2008
	.00K	0.0	Jefferson	Tropical Storm	Jefferson		10/5/2005
	0.00K	0	Jefferson	Hurricane (Typhoon)	Jefferson		8/29/2005
	0.00K	0	Jefferson	Hurricane (Typhoon)	Jefferson		7/10/2005
	0	0	Jefferson	Tropical Storm	Jefferson		6/12/2005
	0	0	Jefferson	Tropical Storm	Jefferson		9/26/2004
	OK	0 0.00K	Jefferson	Tropical Storm	Jefferson		9/16/2004
)OK	0 0.00K	Jefferson	Tropical Storm	Jefferson		9/6/2004
	0	0	Jefferson	Tropical Storm	Jefferson		7/1/2003
	0	0	Jefferson	Tropical Storm	Jefferson		9/14/2002
				Hurricane Floyd			9/14/1999
				Storm			
		0		Hurricane/Tropical	Jefferson	10/5/1995	10/5/1995
				Storm			
314.46	0	0		Hurricane/Tropical	Jefferson	6/20/1972 Jefferson	6/19/1972
				Storm			1
0	147.06	0		Hurricane/Tropical	Jefferson	6/7/1968 Jefferson	6/6/1968
				Storm			
1470.59	1470.59	0		Hurricane/Tropical	Jefferson	6/9/1966 Jefferson	6/8/1966
				Storm			
1470.59	47058.8	0 1		Hurricane/Tropical	Jefferson	9/12/1964 Jefferson	9/9/1964
				Storm			
113.64	1136.36	0		Hurricane/Tropical	Jefferson	8/30/1964 Jefferson	8/28/1964
GEXCROPDMG	ROPDMGROPDMGEXCROPDMG	BGN_LOCAT INJURIES PR	SGN_LOCAT	EVTYPE	COUNTYNAME	END_DATE	BGN_DATE

			0			Jefferson	Severe Storm/Thunder Storm		3/1/1970
\$0 HEAVY RAINS		\$1,470	0	0		Jefferson	Severe Storm/Thunder Storm	11/1/1969	10/31/69
\$0 HEAVY RAINS		\$1,470	0	0		Jefferson	5/19/1969 Severe Storm/Thunder Storm	5/19/1969	5/18/69
	\$0	\$0	0	0		Jefferson	7/4/1966 Severe Storm/Thunder Storm		7/4/66
\$1,470 RAINS		\$1,470	0	0		Jefferson		5/28/1966	5/16/66
\$310 RAIN AND WIND		\$3,140	0	0		Jefferson	3/5/1966 Severe Storm/Thunder Storm - Wind		3/1/66
\$310 WIND AND RAIN		\$3,140	0	0		Jefferson		2/13/1966	2/13/66
\$0 RAIN AND WIND		\$310	0	0		Jefferson	Storm - Wind	9/30/1965	9/28/65
\$0 Thunderstorm		\$0	0	2		Jefferson	Storm Storm/Thunder	8/8/1965	8/8/65
			0			Jefferson	Severe Storm/Thunder Storm		4/1/1965
\$3,140 RAINS		\$3,140	0	0		Jefferson	5/3/1964 Severe Storm/Thunder Storm		5/2/64
\$520 Heavy Rains		\$5,260	0	0		Jefferson		4/8/1964	4/2/64
		\$3,944	0			Jefferson	Severe Storm/Thunder Storm		3/1/1964
			0			Jefferson	Severe Storm/Thunder Storm		6/1/63
			0			Jefferson	Severe Storm/Thunder Storm		5/1/63
			0			Jefferson	Severe Storm/Thunder Storm		7/1/62
			0	0		Jefferson	Thunderstorm		3/8/61
		\$0	0			Jefferson	Severe Storm/Thunder Storm		5/1/60
		\$0	0			Jefferson	Severe Storm/Thunder Storm		3/1/60
		\$60,000	0			Jefferson	Severe Storm/Thunder Storm		2/1/1960
CROPDMCREMARKS	CROPDMO	FATA INJURI PROPDMG	INJURI	FATA	AT MAG	BGN_LOCAT MAG	EVTYPE	END_DATE	BGN_DATE

Winds toppled trees in Jefferson County			0	0		Jefferson	Thunderstorm Wind	7/1/1992	7/1/92
\$0 Powerlines down along Hwy 221		\$5,000	0	0		Jefferson	Severe Storm/Thunder Storm - Wind	3/1/1991	3/1/91
\$5,000,000 Heavy Rainfall	\$5,000,000	\$0	0	0		Jefferson	Severe Storm/Thunder Storm	10/12/1990	10/11/90
\$0 Thunderstorm Wind		\$500	0	0	56 kts.	Jefferson	Severe Storm/Thunder Storm - Wind	8/21/1990	8/21/90
\$0 Thunderstorm Wind		\$0	2	0		Jefferson	Severe Storm/Thunder Storm - Wind	4/28/1990	4/28/90
Thunderstorm winds reports of trees down in South and North Jefferson County	\$0	\$5,000	0	0		Jefferson	Severe Storm/Thunder Storm - Wind	2/28/1989	2/28/89
\$0 Thunderstorm Wind		\$5,000	1	0		Jefferson	Severe Storm/Thunder Storm - Wind	6/26/1988	6/26/88
High winds with little damage			0	0		Jefferson	Severe Storm/Thunder Storm - Wind	7/24/1987	7/24/87
High winds moderate damage to rooftops, downed trees, and powerlines			0	0		Jefferson	Severe Storm/Thunder Storm - Wind	7/29/1986	7/29/86
			0	0		Jefferson	Severe Storm/Thunder Storm - Wind	4/23/1983	4/23/83
			0	0		Jefferson	Severe Storm/Thunder Storm - Wind	2/16/1982	2/16/82
			0	0		Jefferson	4/13/1979 Severe Storm/Thunder Storm - Wind	4/13/1979	4/13/79
\$60 Severe thunderstorms		\$6,666	0	0		Jefferson	Severe Storm/Thunder Storm	6/6/1977	6/6/77
\$100 Thunderstorms		\$1,040	0	0		Jefferson	Severe Storm/Thunder Storm	5/16/1975	5/15/75
\$0 THUNDERSTORM & WIND		\$31,440	0	0		Jefferson	3/21/1974 Severe Storm/Thunder Storm - Wind	3/21/1974	3/21/74
\$0 HEAVY RAINS		\$3,140	0	0		Jefferson	Severe Storm/Thunder Storm	2/2/1973	2/1/73
\$0 THUNDERSTORMS		\$310	0	0		Jefferson	Severe Storm/Thunder Storm	6/28/1972	6/28/72
\$0 Thunderstorms		\$208	0	0		Jefferson	Severe Storm/Thunder Storm	6/15/1971	6/15/71
\$0 SEVERE THUNDERSTORM		\$310	0	0		Jefferson	Severe Storm/Thunder Storm	6/14/1971	6/14/71
\$310 HEAVY RAINS		\$3,140	0	0		Jefferson	3/4/1971 Severe Storm/Thunder Storm	3/4/1971	3/1/71
CROPDMQREMARKS	CROPDMO	FATA INJURI PROPDMG	INJURI	FATA	TMAG	BGN_LOCAT MAG	EVTYPE	END_DATE	BGN_DATE

gas pump at a convenience store in Wrens. Some roofing was also ripped away at an auto parts store about a mile to the south.						
\$0 Jefferson county 911 reported trees and power lines	\$5,000	0	Jefferson		8/19/1999	8/19/99
\$0 The Wrens police department reported trees down and power outages.	\$1,000	0 0	Jefferson	6/29/1999 Severe Storm/Thunder Storm - Wind	6/29/1999	6/29/99
\$0 Louisville 911 reported 3 trees down on highway 296 north of Louisville. Widespread power outages were also reported.	\$1,000	0	Jefferson	8/18/1998 Severe Storm/Thunder Storm - Wind	8/18/1998	8/18/98
\$0 Jefferson county 911 reported trees and power lines down at 3 different locations between Wrens and Louisville.	\$5,000	0	Jefferson	6/9/1998 Severe Storm/Thunder Storm - Wind	6/9/1998	6/9/98
\$0 Several trees were blown down and there were power outages near Wadley.	\$2,000	0 0	Jefferson	Severe Storm/Thunder Storm - Wind	4/17/1998	4/17/98
\$0 Thunderstorm winds knocked down several trees southeast of Wadley	\$1,500	0 0	Jefferson	Severe Storm/Thunder Storm - Wind	7/27/1997	7/27/97
\$0 Several trees were knocked down on Old Cornith Road by thunderstorm winds.	\$2,000	0	Jefferson	7/16/1997 Severe Storm/Thunder Storm - Wind	7/16/1997	7/16/97
\$0 Thunderstorm winds knocked down trees and tree limbs along Georgia Highway 17.	\$2,000	0	Jefferson	6/18/1997 Severe Storm/Thunder Storm - Wind	6/18/1997	6/18/97
\$0 Several trees were downed by thunderstorm winds in the northern and southern portions of the county.	\$2,000	0 0	Jefferson	4/22/1997 Severe Storm/Thunder Storm - Wind	4/22/1997	4/22/97
\$0 Thunderstorm winds knocked a telephone pole down on MLK Drive.	\$1,000	0 0	Jefferson	6/26/1996 Severe Storm/Thunder Storm - Wind	6/26/1996	6/26/96
\$0 Thunderstorm winds destroyed 4 mobile homes and 2 RVs in Meadowland Estates outside of Wrens on Highway 1.	\$60,000	0 0	Jefferson	1/2/1996 Severe Storm/Thunder Storm - Wind	1/2/1996	1/2/96
\$0 Thunderstorm winds blew trees down on house.	\$20,000	0 0	Jefferson	7/24/1995 Severe Storm/Thunder Storm - Wind	7/24/1995	7/24/95
\$0 Thunderstorm winds knocked down trees and powerlines across northern portions of Jefferson County between Wrens and Louisville.	\$1,000	0	Jefferson	7/16/1995 Severe Storm/Thunder Storm - Wind	7/16/1995	7/16/95
\$0 Thunderstorm Winds	\$50,000	0 0	Jefferson	Severe Storm/Thunder Storm - Wind	6/10/1993	6/10/93
Winds in excess of 48 mph trees down and roof damage.			Jefferson	7/3/1992 Thunderstorm Wind	7/3/1992	7/3/92
CROPDMC REMARKS	MG	FATA INJURI PROPD	BGN_LOCAT MAG	EVTYPE	END_DATE	BGN_DATE

caused considerable damage to a home west of Louisville on Grange Road. A portion of the roof over the garage collapsed. The house also sustained other minor damage. A number of trees were blown down or split in half across the street and even up to one-third of a mile away.									
	0\$	\$30,000	0	0	50 kts.	Louisville	7/1/2003 Severe Storm/Thunder Storm - Wind	7/1/2003	7/1/03
	\$0	\$0	0	0	50 kts. EG	Wadley	Thunderstorm Wind		5/17/03
\$0 The Jefferson county 911 center reported that some trees were down.		\$2,000	0	0	50 kts.	Louisville	5/2/2003 Severe Storm/Thunder Storm - Wind	5/2/2003	5/2/03
	\$0	\$3,000	0	0	50 kts.	Jefferson	3/22/2003 Severe Storm/Thunder Storm - Wind	3/22/2003	3/22/03
\$0 The Jefferson county 911 center reported that power lines were down.		\$3,000	0	0	50 kts.	Louisville	Severe Storm/Thunder Storm - Wind	2/22/2003	2/22/03
	\$0	\$0	0	0	50 kts.	Stapleton	7/31/2002 Severe Storm/Thunder Storm - Wind	7/31/2002	7/31/02
	\$0	\$0	0	0		Wadley	Thunderstorm Wind		7/21/02
\$0 The Avera Post Office estimated wind gusts at 65 mph.		\$0	0	0	56 kts. E	Avera	Thunderstorm Wind		8/24/01
\$0 The Jefferson County 911 center reported that trees were down.		\$2,000	0	0		Wadley	Severe Storm/Thunder Storm - Wind	6/3/2001	6/3/01
\$0 The Jefferson county 911 center reported that trees were blown down.		\$2,000	0	0		Louisville	1/19/2001 Severe Storm/Thunder Storm - Wind	1/19/2001	1/19/01
Were knocked down on Moxley-Bartow Road.	\$0	\$3,000	0	0		Wadley	8/1/2000 Severe Storm/Thunder Storm - Wind	8/1/2000	8/1/00
Coordinator reported trees down on power lines all across the county. In addition, a tree was reported down and blocking Georgia Highway 102 between Avera and Stapleton in the north part of the county.		\$5,000	C	C		Jefferson	Storm - Wind	6/22/2000	6/22/00
CROPDM REMARKS	CROPD	PROPDMG	FATA INJURI PROPD	FATA	MAG	BGN_LOCAT MAG	EVTYPE	END_DATE	BGN_DATE

	\$0	\$3,000	0	0		Wrens	Storm - Wind	8/9/2011	8/9/11
	\$0	\$2,000	0	0		Jefferson	Storm - Wind	6/15/2011	6/15/11
	\$0	\$5,000	0	0		Louisville	6/20/2010 Severe Storm/Thunder Storm - Wind	6/20/2010	6/20/10
	\$0	\$1,000	0	0		Bartow	Flood		5/6/09
\$0 Thunderstorm wind (37EG)		\$500	0	0		Wrens		7/5/2008	7/5/08
\$0 Thunderstorm Wind (52EG)		\$3,000	0	0		Jefferson	Storm - Wind	6/11/2008	6/11/08
\$0 Thunderstorm Wind (52EG)		\$10,000	0	0		Louisville	Storm - Wind	5/20/2008	5/20/08
\$0 Thunderstorm Wind (56EG)		\$500,000	0	0		Almira	Storm - Wind	5/11/2008	5/11/08
\$0 Thunderstorm Wind (52EG)		\$10,000	0	0	52 kts. EG	Jefferson	Storm - Wind	8/17/2007	8/17/07
\$0 Thunderstorm Wind (39EG)		\$2,000	0	0		Stapleton		7/1/2007	7/1/07
Trees toppled power lines downed due to a band of thunderstorms						Jefferson	7/2/2006 Severe Storm/Thunder Storm - Wind		7/2/06
\$0 The Georgia State Patrol reported that several trees were down on U.S. Highway 1 just south of Wadley.		\$2,000	0	0	50 kts. EG	Wadley	1/2/2006 Severe Storm/Thunder Storm - Wind	1/2/2006	1/2/06
\$0 The Jefferson County 911 Center reported that a couple of power lines were blown down.		\$1,000	0	0	36 kts.	Louisville	Storm - Wind	8/22/2005	8/22/05
The Jefferson County 911 Center reported that a couple of power lines were blown down.		\$2,500	2	0	0	Jefferson	Storm - Wind	4/2/2005	4/2/05
\$0 A large tree was blown down in the Hidden Lakes Subdivision. An adjacent car sustained minor damage.		\$30,000	0	0	61 kts.	Wrens	10/3/2004 Severe Storm/Thunder Storm - Wind		10/3/04
The Jefferson County 911 Center reported that a couple of trees were blown down in the county.		\$500				Jefferson	Thunderstorm Wind		9/27/04
that numerous trees and power lines were blown down throughout the county. At least 30 roads in the county were blocked. In addition, WPEH radio in Louisville reported that 5.15 inches of rain fell.		\$/3,000				remeison	THUMETSCOTH WHILE		70°04
CROPDMOREMARKS The Name and Former Lefferson Deporter reported		FATA INJURI PROPDMG	INJURI	FATA	MAG	BGN_LOCAT MAG	EVTYPE	END_DATE	BGN_DATE

The public reported trees blown down along Highway 78 to just east of Highway 17.		\$5,000		50		CUNNINGHAM	Thunderstorm Wind		1/21/17
The Jefferson County Emergency Manager reported trees blown down in Louisville.		\$1,000		50		LOUISVILLE	Thunderstorm Wind		7/19/16
The Jefferson County 911 Center reported a tree blown down on North Main Street in Wadley.		\$1,000		45		WADLEY	Thunderstorm Wind		8/6/15
The Jefferson County Emergency Manager reported trees down along Clarks Mill Road near and on East Railroad Street in Wadley.		\$0		50		WADLEY	Thunderstorm Wind		7/2/15
The Jefferson County 911 Center reported multiple trees blown down in Wrens and Louisville. One tree fell on a house in Louisville.		\$8,000		60		ZEBINA	Thunderstorm Wind		11/23/14
The Jefferson County 911 Center reported that two power lines were blown down at houses along Hill Street.		\$1,000		50		WRENS	Thunderstorm Wind		5/25/14
The Jefferson County Emergency Manager reported a tree down in Wrens.						Wrens	Thunderstorm Wind		1/11/14
The Jefferson County 911 Center reported numerous trees and power lines down across the county.						Louisville	Thunderstorm Wind		7/17/13
		\$60,000		50		Jefferson	Thunderstorm Wind		3/1/13
	0\$	\$1,500	0 0		50 kts. EG	Avera		9/2/2012	9/2/12
	\$0	\$2,000	0 0		50 kts. EG	Bartow		8/14/2012	8/14/12
	0\$	\$750	0 0		40 kts. EG	Louisville		7/3/2012	7/3/12
	\$0	\$250	0 0		45 kts. EG	Wadley	6/10/2012 Severe Storm/Thunder Storm - Wind	6/10/2012	6/10/12
	\$0	\$500	0 0		50 kts. EG	Louisville	Storm - Wind	6/10/2012	6/10/12
	\$0	\$500	0 0		45 kts. EG	Louisville	Severe Storm/Thunder Storm - Wind	5/31/2012	5/31/12
	\$0	\$7,000	0 0		50 kts. EG	Stapleton	Thunderstorm Wind		11/16/11
	\$0	\$3,000	0 0		50 kts. EG	Wadley	Thunderstorm Wind		8/9/11
CROPDMCREMARKS	CROPDMO	FATA INJURI PROPDMG	A INJURI	FAT	MAG	BGN_LOCAT MAG	EVTYPE	END_DATE	BGN_DATE

BGN_DATE END_DATE EVTYPE	END_DATE	EVTYPE	BGN_LOCAT MAG		FATA	FATA INJURI PROPDI	PROPDMG	CROPDMO	MG CROPDMCREMARKS
7/20/17		Thunderstorm Wind	PADGETT CROS	50			\$1,000		The public reported numerous large limbs blown
									down at Bug's Gourd Farm near the intersection of Highways 88 and 22 southwest of Keysville.
3/20/18		Thunderstorm Wind	WRENS	50			\$8,000		The Jefferson County 911 center reported a few
									trees and power lines blown down from Wrens to
									Louisville.
7/3/18		Thunderstorm Wind	LOUISVILLE	50			\$2,000		The Jefferson County Emergency Manager reported
									a couple of trees blown down in Louisville.

Essential, Lifeline, t, Important, er Economic Assets 0	er,	Government,		\$0	100	2013	\$70,300	2	Bartow wastewater Lift Station #1	Bartow town
Government, Historic 2013 0 Water/Sewer Consideration 1		013	2		2450	2013	\$826,847	2	Bartow Museum	Bartow town
Emergency Lifeline, Services, Fire Important, 2013 0 Fighters Economic Assets 1	0	2013	N.)	\$38,500	7500	2013	\$330,630	2	Bartow Fire Dept and Emergency Shelter	Bartow town
Government, Lifeline, Special O Water/Sewer Consideration 0		2013	N.)	\$60,000	64	2013	\$17,100	2	Bartow Fire Dept & Communications Bldg	Bartow town
Government, 2013 0 Water/Sewer Economic Assets 1		2013		\$250,000	11232	2013	\$1,342,200	2	Bartow Community Center & Auditorium	Bartow town
Essential, Lifeline, Government, Important, 2013 0 Private Economic Assets 3	0	2013		\$53,500	1920	2013	\$209,300	2	Bartow City Hall	Bartow town
Government, 0 Water/Sewer Essential, Lifeline 0	Government, 0 Water/Sewer				100	2013	\$325,000	2	Avera Water Tank	Avera city
Emergency Services, Fire 2013 0 Fighters Essential 0	0	2013		\$200,000	4250	2013	\$100,000	2	Avera Fire Station	Avera city
Government, 2014 0 Private Essential 1	0	2014		\$200,000	1000	2014	\$312,500	2	Avera City Hall	Avera city
Content Functional Daytime value year Use value Facility type Risk Occupancy	Functional Use value		τυ io	Content Content	Building Co	Replacem ent Value B Year s	Value	Hazard Score	Name	Jurisdiction

Bartow town	Jurisdiction						
town	ction						
Bartow Wastewater Sewage Treatment Pond	Bartow Wastewater Sewage Holding Pond	Bartow Wastewater Sewage Effluent Pump Station	Bartow Wastewater Lift Station #5	Bartow Wastewater Lift Station #4	Bartow Wastewater Lift Station #3	Bartow Wastewater Lift Station #2	Name
2	2	2	2	2	2	2	Hazard Score
\$50,400	\$46,400	\$63,700	\$90,200	\$60,500	\$69,000	\$71,400	Value
2013	2013	2013	2013	2013	2013	2013	Replacem ent Value Year
10307	13509	100	100	100	100	100	Building size
\$0		\$0	\$0	\$0	\$0	\$0	Content
							Content value year
0	0	0	0	0	0	0	Functional Use value
Government, O Water/Sewer	Government, Water/Sewer	Government, O Water/Sewer	Government, Water/Sewer	Government, O Water/Sewer	Government, Water/Sewer	Government, O Water/Sewer	Facility type
Essential, Lifeline, Important, Economic Assets	Risk						
0	0	0	0	0	0	0	Daytime Occupancy
0	0	0	0	0	0	0	Nighttime Occupancy

_	_	_	_	œ		B	<u>_</u>
efferson	efferson	efferson	efferson	artow to	artow to	artow to	Jurisdiction
County	County		County	own n	own .	own .	jn
Hillcres	Harder (Swanr	Carver	1st Bap Evac Ce	Bartow	Bartow	Bartow	Name
t Statio	nan Buil	Elemen	tist Chu enter	Water	Water	Water	
ם	ding	tary	ırch	Well #2	Well	Tower	
							Hazard Score
2	2	2	2	2	2	2	
\$45	\$250	\$12,750	\$3,500	\$119	\$111	\$393	Value
,700	,,000),000),000	,700	,800	,,000	≺ 0 22
20:	20:	20:	20:	20:	20:	20:	Replacem ent Value Year
13	13	13		13	13	13	n e Building size
5068	8278	6600	45075	275	275	100	
	\$1	\$51					Content value
	17,000	10,000		\$0	\$0	\$0	
	2013	2013					Content value year
							Functional Use value Facility type
Gove Gove Wate) Medi	NGO, Wate	Law Enfor	Gove	Gove	Gove	Facili
rnment, rnment, rr/Sewer, r/Sewer	cal, EMS	r/Sewer	cement,	rnment, :r/Sewer	rnment, rr/Sewer	rnment, rr/Sewer	ty type
Esse	Spec Con: Hist	Esse Vulr Pop	Esse Imp Spec	Esse Lifel Imp	Esse Lifel Imp	Esse Lifel Imp	Risk
ntial, Lifelin	ortant, cial sideration, oric sideration	ntial, ierable ulation	ntial, ortant, cial sideration	ntial, ine, ortant, nomic Asset	ntial, ine, ortant, nomic Asset	ntial, ine, ortant, nomic Asset	
<u>ত</u>				,	(v)	(v)	Day
0	1	292	ъ	0	0	0	Daytime Occupancy
-		, -		-	_	-	Nighttime Occupancy
0	0	0	0	0	0	0	ime
	\$45,700 2013 5068 Government, Government, Water/Sewer, Essential, Lifeline 0	Hardeman Building (Swann) 2 \$250,000 2013 8278 \$17,000 2013 0 Medical, EMS Government, Government, Government, Government, Water/Sewer, Water/Sewer, Essential, Lifeline 0	Carver Elementary 2 \$12,750,000 2013 6600 \$510,000 2013 0 Water/Sewer Population 292 Hardeman Building (Swann) 2 \$250,000 2013 8278 \$17,000 2013 0 Medical, EMS Consideration, Historic Government, Gove	Sesential Sese	Essential,	Essential Lifeline Government, Important, Essential Lifeline Covernment, Important, Importa	Bartow Water Tower 2 \$393,000 2013 100 \$0 O Water/Sewer Economic Assets 0

	Essential	Law Enforcement, O Prisons	0	2013	\$110,300	3080	2013	\$339,300	2	Jefferson County Commissioners Office/Long House	Jefferson County
	Important, Historic Consideration	Law Enforcement,	0	2013	\$122,700	3281	2013	\$361,433	2	Jefferson County Chamber of Commerce/Murphy House	Jefferson County
	Important	0 Medical, Hospital	0	2013	\$140,000	4920	2013	\$750,000	2	Jefferson County Bus Shop	Jefferson County
	Essential	Law Enforcement, O Prisons	0	2013	\$724,500	14040	2013	\$2,380,171	2	Jefferson County Armory Transit EMA	Jefferson County
	Essential, High Potential Loss, Important, Vulnerable Population	Law Enforcement, O Prisons	0	2013	\$1,139,700	39892	2013	\$8,041,785	2	Jefferson Co. Law Enforcement Center	Jefferson County
	Essential, High Potential Loss, Important, Vulnerable Population	Law Enforcement,	0	2013	\$833,800	42446	2013	\$5,261,231	2	Jefferson Co. Correction Facility	Jefferson County
	Important	Education, 0 Library	0	2013	\$848,000	5000	2013	\$66,085	2	Jefferson County Library	Jefferson County
	Important	Government, Government, Water/Sewer, O Water/Sewer	0	2013	\$29,600	1867	2013	\$1,300,621	2	JC Recreation Dept	Jefferson County
	Essential	Government, 0 Water/Sewer		2013	\$8,000	100	2013	\$27,885	2	JC Radio Tower	Jefferson County
	Important	Government, Government, Water/Sewer, O Water/Sewer	0	2013	\$17,500	1000	2013	\$51,090	2	JC Building Department	Jefferson County
Daytime Occupancy	Risk	Facility type	Functional Use value	Content value year	Content	Building (Replacem ent Value Year	Value	Hazard Score \	Name	Jurisdiction

Jeffe	Jeffe	Jeffs	Jeffs	Jeffe	Jeff	Jeffe	Jeff	Juris
erson County	Jefferson County	Jefferson County	Jefferson County	Jefferson County	Jefferson County	Jefferson County	Jefferson County	Jurisdiction
Jefferson County Jefferson Hospital	JEFFERSON CO-US 1 (AVERA RD) (SL)	Jefferson County Senior Center	Jefferson County Magistrate and Juvenile Court	Jefferson County Landfill (New)	Jefferson County High School	Jefferson County Health Dept	Jefferson County Courthouse	Name
2	2	2	2	2	2	2	2	Hazard Score
\$57,000,000	\$1,500,000	\$586,170	\$24,001,242	\$1,062,166	\$55,000,000	\$841,815	\$5,147,708	Value
2013	2013	2013	2013	2013	2013	2013	2013	Replacem ent Value Year
76000	10000	4924	22000	15000	179142	6341	6065	Building size
		\$86,000	\$8,400	\$363,200	\$2,200,000	\$191,700	\$125,000	Content value
		2013		2013	2013	2013	2013	Content value year
Essential, Lifeline, Medical, Medical, Vulnerable 0 Hospital, Hospital Population	Government, 0 Water/Sewer	Law Enforcement,	Law Enforcement, Law Enforcement, Court House, O Court House	NGO, NGO, Water/Sewer, 0 Water/Sewer	0 Medical, Hospital	Education, O Private	Law Enforcement, Law Enforcement, Court House, O Court House	Functional Use value Facility type
Essential, Lifeline, II, Vulnerable al Population	Important	Essential, Vulnerable Population, Special Consideration	Essential	Hazardous Materials, Important	Essential, Vulnerable Population, al Economic Assets	Essential	Essential, Historic Consideration	Risk
200	0	40	20	6	937	20	25	Daytime Occupancy
) 150	0	70	20	6	0	20	25	Nighttime Occupancy

Jefi	Jefi	Jeff	Jeff	Jefi	Jefi	Jefi	Jefi	Jefi	Jur
Jefferson County	Jefferson County	Jefferson County	Jefferson County	Jefferson County	Jefferson County	Jefferson County	Jefferson County	Jefferson County	Jurisdiction
County	County	County	County	County	County	County	County	County	ח
Wren	Sande			Ogeech Center	Matth	Louisvi School	Louisville Ac		Name
Wrens Elementary	Sandersville Tech	Physicians Health Group Wrens	Old County Jail/IT/Purchasing	Ogeechee Service Center	Matthews Station	Louisville Middle School	Louisville Academy Elementary	Lions Club Evac. Center	
entary	Tech	ealth s	asing	rvice	ation	ddle	ademy	/ac.	
									Hazarı
2	2	2	2	2	2	2	2	2	Hazard Score
									Value
\$20,500,000	\$1,930,505	\$1,015,350	\$500,000	\$900,000	\$47,500	\$23,500,000	\$15,250,000	\$12,000	
00)5	ŏ	ŏ	0	0	8	8	0	Repla ent V
2013	2013	2013	2013	2013	2013	2013	2013	2013	acem ′alue
78	10	л	7	10	2	81	25	1	Building size
78216	10000	5802	7742	10650	2052	81642	25047	1000	
\$820,000	\$7,	\$500,000	\$28,000			\$940,000	\$610,000		Content
000	\$7,500	000	000			000	000		C _o
2013		2013	2013	2013		2013	2013		Content value year
3		ω	ω	ω		ω	ω		Functional
0 1	0	0	0	0	0	0	0	0	
NGO, 0 Water/Sewer	Education, Education, VoTech, Vc	Education, Education, Private, Pr	Law Enforcement, Jails	Law Enforcement,	Government, Government, Water/Sewer, Water/Sewer	NGO, Water/Sewer	NGO, Water/Sewer	Law Enforcement, Law Enforcement, Prisons, Priso	Facility type
Sewer	Education, Education, O VoTech, VoTech	Education, Education, O Private, Private	ment,	ment,	ment, ment, Sewer, Sewer	Sewer	Sewer	Law Enforcement, Law Enforcement, O Prisons, Prisons	type
			Ess His	Ess Po Im Vu Po	Ess	Ess Vu Po	Ess Po Ecc		Risk
	Economic / Important, Vulnerable Population	Essential, Important	Essential, Historic Consideration	Essential, High Potential Loss, Important, Vulnerable Population	sential,	Essential, Vulnerable Population	Essential, Vulnerable Population, Economic A	Essential, Historic Consideration	×
	Economic Assets, Important, Vulnerable Population		tion	High Loss, t, e e	Essential, Lifeline	n e	Essential, Vulnerable Population, Economic Assets	tion	
									Daytime Occupan
637	75	20	1	50	0	354	568	∞	су
									Nighttime Occupancy
0	75	0	0	0	0	0	0	0	me ancy

	2	Essential, Hazardous Materials, Lifeline	Government, 0 Water/Sewer				2016	\$15,000,000	2	Louisville WPCP	Louisville city
	0	Essential, Lifeline, Important	Government, 0 Water/Sewer			2400	2014	\$4,425,000	2	Louisville Water Works	Louisville city
	0		Government, 0 Water/Sewer			100	2014	\$712,500	2	Louisville Water Tower	Louisville city
	0	Essential, Lifeline	Government, 125000 Water/Sewer			50		\$125,000	2	Louisville Tech Lift Station	Louisville city
	0 0	Essential, Lifeline	150000 Water/Sewer Government, O Private			10000	2014	\$150,000 \$500,000	2 2	Louisville Lift Station at HS Louisville OLD City Hall	Louisville city Louisville city
	4	Essential	Emergency Services, Fire O Fighters	2014	\$850,000	7200	2014	\$750,000	2	Louisville Fire Station	Louisville city
	0	Essential, Important, Special Consideration	Government, 0 Water/Sewer			100	2014	\$950,000	2	Louisville City WaterTower	Louisville city
	0	Transportation, Important	NGO, O Transportation			3200		\$543,665	2	Louisville City Airport	Louisville city
	10	Essential	Government, 0 Private	2013	\$350,000	7200		\$550,000		Louisvill City Hall	Louisville city
	0 0	Important	0 Water/Sewer Government, 0 Water/Sewer			100	2006	000,000,2\$	2 2	Water Tank Grange Rd water Plant	Louisville city Louisville city
	0	Essential, Lifeline Essential,	Government, O Water/Sewer Government,			100		\$175,000	2	Booster pump station City of Louisville	Louisville city
	315	Essential, Vulnerable Population	NGO, Water/Sewer	2013	\$680,000	59902	2013	\$17,000,000	2	Wrens Middle School	Jefferson County
Nighttime Occupancy	Daytime Occupancy	Risk	Functional Use value Facility type	Content F	Content value	Building size	Replacem ent Value Year	Value	Hazard Score	Name	Jurisdiction

Essential, Lifeline, Important	Government, 200000 Water/Sewer			100	2012	\$500,000	2	Stapleton Water Tank #2	Stapleton city
Government, Water/Sewer	Government, 200000 Water/Sewer			100	2012	\$500,000	2	Stapleton Water Tank	Stapleton city
Emergency Services, Fire Fighters	Emerger Services 100000 Fighters	2012	\$700,000	6000	2012	\$394,800	2	Stapleton Fire house & Emergency Shelter	Stapleton city
Government, Private	Govern 150000 Private	2012	\$30,000	3000	2012	\$383,700	2	Stapleton City Hall & Emergency Shelter	Stapleton city
Government, Government, Water/Sewer, Water/Sewer	Gove Gove Wat			100	2016	\$150,000	0	US # 1 Bypass Lift Station	Louisville city
Government, 0 Water/Sewer	0 Wa	2014	\$500,000	9560	2014	\$2,400,000	2	Physicians Health Group Louisville	Louisville city
Education, Library	Educati 0 Library			45062	2013	\$5,000,000	2	OCI Nursing Home	Louisville city
Government, O Water/Sewer	0 Go			7207	2014	\$1,261,225	2	NCA Northside Dialysis Center	Louisville city
Government, Government, Water/Sewer, Water/Sewer	0 8 & o o			1000	2016	\$150,000	0	McBride Lift Station	Louisville city
Government, O Water/Sewer	0 W			600	2013	\$100,000	2	Market House	Louisville city
Facility type	Functional Use value F.	Content Fu	Content (Building	Replacem ent Value Year	Value	Hazard Score	Name	Jurisdiction

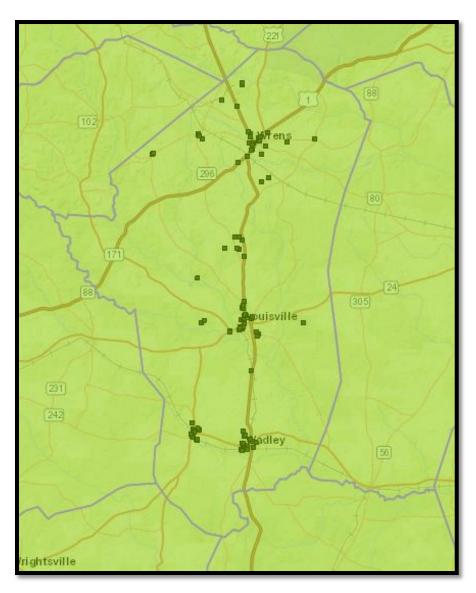
Jurisdiction	Name	Hazard Score	Value	Replacem ent Value Year	Building size	Content	Content Functional	Functional Use value Facility type	Risk	Daytime Occupancy	Nighttime Occupancy
מווסמוכנוסוו	TAGILIC.	0000	valac	1 Cal	2120	Adiac	value year		Important,	Occupancy	
									Important, Vulnerable Population, Francomic Assets		
	Glendale Nursing							Government,	Special		
Wadley city	Home	2	\$1,610,863	2014	26500	\$750,000	2014	0 Water/Sewer	Consideration	120	\circ
•	Physicans Health							Education,			- 1
Wadley city	Group Wadley	2	\$405,650	2013	2318	\$250,000	2013	0 Private	Important	10	0
								Government	Fssential.		
Wadley city	Wadley City Hall	2	\$1,500,000	2014	3645	\$250,000	2014	0 Private	Economic Assets		5
									Important,		
									Economic Assets,		
	Wadley Community							Government,	Historic		
Wadley city	Complex	2	\$700,000	2014	6000			0 Water/Sewer	Consideration	0	_
	Wadley Elevated							Government,			
Wadley city	Water Tank	2	\$650,000	2013	100			0 Water/Sewer	Essential, Lifeline	0	_
								Emergency			
Wadley city	Madley Eige Station	J	¢300 000	2010		¢500 000	2010	Services, Fire	T	D	
			1000,000			1000,000	1		Important		
								Services, Fire	Historic		
Wadley city	Wadley Gym	2	\$400,000	2014	1200			0 Fighters	Consideration	0	
								Government,			
Wadley city	Wadley Lift Station #1	2	\$20,690	2018				0 Water/Sewer	Essential	0	
								Government,			
Wadley city	Wadley Lift Station #2	2	\$20,690	2018				0 Water/Sewer	Essential	0	
								Government,			
Wadley city	Wadley Lift Station #3	2	\$20,690	2018				0 Water/Sewer	Essential	0	_
								Government,			
Wadley city	Wadley Lift Station #4	2	\$20,690	2018				0 Water/Sewer	Essential	0	_
								Government,			
Wadley city	Wadley Lift Station #5	2	\$20,690	2018				0 Water/Sewer		0	
								Government,			
Wadley city	Wadley Lift Station #6	2	\$20,690	2018				0 Water/Sewer	Essential	0	

Jurisdiction	Name	Hazard Score	Value	Replacem ent Value Buil Year size	ding	Content value	Content value year	Functional Use value	Facility type	Risk	Daytime Occupancy	Nighttime Occupancy
lurisdiction	Name		Value			value	value year		Facility type Law	Risk	Occupanc	
	Wadley Police								Law Enforcement,			
Wadley city	Department	2	\$500,000	2018		\$100,000	2018	0	0 Police	Essential		6
									Education,	Important,		
Wadley city	Wadley Public Library	2	\$510,000	2013	3114	\$538,200	2013	0	0 Library	Economic Assets		5
	Wadley Water Tower								Government,			
Wadley city	#2	2	\$500,000	2013	100			0	0 Water/Sewer	Essential, Lifeline		0
									Government,			
Wadley city	Wadley Well House	2	\$600,000	2013	100			0	0 Water/Sewer	Essential, Lifeline		0
										Essential,		
										Lifeline, High		
									Law	Potential Loss,		
	Border Regulator								Enforcement,	Hazardous		
Wrens city	Station	2	\$100,000	2012	100			0	0 Court House	Materials		0
	Bushy Creek Lift								Government,			
Wrens city	Station	2	\$400,000	2014	100			0	0 Water/Sewer	Essential, Lifeline		0
										Essential,		
									Law	Lifeline,		
									Enforcement,	Hazardous		
Wrens city	Calcine Meter Set	2	\$225,000	2012	100			0	0 Court House	Materials		0
	Highway 88 Lift								Government,			
Wrens city	Station	2	\$350,000	2014	100			0	0 Water/Sewer	Essential, Lifeline		0
									Emergency	Essential,		
									Services, Fire	Hazardous		
Wrens city	IMERYS Meter Set	2	\$300,000	2014	10			0	0 Fighters	Materials		0
										Essential,		
										Lifeline, High		
										Potential Loss,		
									Law	Hazardous		
									Enforcement,	Materials,		
Minney of the	KA-MIN #1	2	\$250,000	2014	10			0	0 Court House	Important		0

Wrens city	Wrens city	Wrens city	Wrens city	Wrens city	Wrens city	Wrens city	Wrens city	Wrens city	Wrens city	Wrens city	Wrens city	Jurisdiction
Wrens Old Library Building	Wrens Medical Center	Wrens Community Center	Wrens City Hall	West Walker St Lift Station	Waynesboro Highway Lift Station	Water Booster Station	Stephens St Lift Station	Southern Tap #2	Southern Tap #1	King Mill Well (Well E)	Ka-Min #2	Name
2	2	2	2	2	2	2	2	2	2	2	2	Hazard Score
\$625,000	\$875,000	\$500,000	\$1,125,000	\$300,000	\$400,000	\$500,000	\$350,000	\$750,000	\$750,000	\$750,000	\$250,000	Value
2013	2014	2014	2013	2014	2014	2012	2014	2012	2014	2014	2014	Replacem ent Value Year
3000	400	3400	7500	100	100	1000	100	50	50	50	1955	Building
\$549,200	\$200,000	\$50,000	\$150,000									Content
2013												Content Functional value year Use value
Education,	Government, 0 Water/Sewer	Emergency Services, Fire 0 Fighters	Government, 0 Private	Government, 0 Water/Sewer	Government, 0 Water/Sewer	Government, 0 Water/Sewer	Government, 0 Water/Sewer	Government, 0 Water/Sewer	Law Enforcement,	Government, 0 Water/Sewer	Emergency Services, Fire 0 Fighters	Functional Use value Facility type
Important, Economic Assets, Historic Consideration	Important, Vulnerable Population	Economic Assets	Essential, Economic Assets	Essential, Lifeline	Essential, Lifeline	Essential, Lifeline	Essential, Lifeline	Essential, Lifeline, Hazardous Materials	Essential, Lifeline, Hazardous Materials	Essential, Lifeline	Essential, Lifeline, Hazardous Materials	Risk
0	20	20	10	0	0	0	0	0	0	0	0	Daytime Occupancy
0	0	0	0	0	0	0	0	0	0	0	0	Nighttime Occupancy

Economic Assets 0 0 0 Essential, Lifeline, 0 0 0 Essential, Lifeline 0 0 0	Lifeline, Economic Assets	0 Water/sewer								
	Essential	Government,			250	2014	\$687.500	2	Wrens Water Tank	Wrens city
	Essential	Government, 0 Water/Sewer			200	2014	\$625,000	2	Wrens Water Tank	Wrens city
	Essentia	Government, 0 Water/Sewer			150	2014	\$625,000	2	Wrens Water Tank	Wrens city
	Essential, Lifeline, Economic Assets	Government, 0 Water/Sewer			200	2014	\$625,000	2	Wrens Water Tank	Wrens city
	Essential, Lifeline, Economic Assets	Government, 0 Water/Sewer		\$25,000	800	2014	\$125,000	2	Wrens Water Pumping Station	Wrens city
	Essential, Lifeline, Economic Assets	Government, 0 Water/Sewer		\$25,000	800	2014	\$75,000	2	Wrens Water Pumping Station	Wrens city
ic Assets 0	Essential, Lifeline, Economic Assets	Government, 0 Water/Sewer		\$50,000	144	2014	\$300,000	2	Wrens Water Pumping Station	Wrens city
us s, ic Assets 0	Essential, Hazardous Materials, Economic Assets	Government, O Water/Sewer		\$125,000	1400	2014	\$3,250,000	2	Wrens Sewage Treatment Plant	Wrens city
Daytime Nighttime Occupancy Occupancy	Risk	Functional Use value Facility type	Content value year	Content value	Building size	Replacem ent Value Year	Value	Hazard Score	Name	Jurisdiction

JEFFERSON 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	
		This score is also given to an area with Zone IV of the "Design Wind Speed
	90 to 99 mph (or	Map for Community Shelters," representing an area exposed to 250 mph
2	ZONE IV)	winds. This area is the Northwestern corner of the state.
1	< 90 mph	

Lightning was responsible for at least three house fires in Jefferson County. The first one was reported at approximately 1:33 am in Zebina. Lightning struck a tree and jumped to a nearby home, entering the home through electrical wiring. Several appliances were damaged and the front door was knocked off of its hinges. A second strike at 1:38 am, entered the homes attic, after having struck a nearby tree. Some of the attic's insulation caught fire. The third lightning strike occurred just before 3:00 am. The lightning struck a pecan tree at the corner of a home, then entered the house. The sole occupant was able to escape and drive for help. The house was a total loss.	0	200000	0	0	Zebina	Lightning	7/23/1997	7/23/1997
	0	50000	0	0	Jefferson	Lightning		8/1/1973
	314.47	314.47	0	0	Jefferson	Lightning		4/23/1971
	0	314.47	0	0	Jefferson	Lightning	3/22/1970 Lightning	3/18/1970
	0	1020.41	0	0	Jefferson	Lightning	6/29/1969 Lightning	6/29/1969
	0	314.47	0	0	Jefferson	Lightning	6/2/1968 Lightning	6/2/1968
		420.17	0	0	Jefferson	Lightning	7/22/1967	7/22/1967
	314.4	31.45	0	0	Jefferson	Lightning	7/9/1967 Lightning	7/9/1967
		31.45	0	0	Jefferson	Lightning	11/22/1965 Lightning	11/21/1965
		1470.59	0	0	Jefferson	Lightning	3/15/1964 Lightning	3/15/1964
	138.89	138.89	0	0	Jefferson	Lightning	6/14/1963 Lightning	6/14/1963
	6.67	66.67	0	0	Jefferson	Lightning	5/27/1963 Lightning	5/27/1963
	0	427.35	0	0	Jefferson	Lightning	8/8/1962	8/7/1962
	31.45	31.45	0	0	Jefferson	Lightning	7/17/1962	7/17/1962
	43.1	43.1	0	0	Jefferson	Lightning	5/16/1962 Lightning	5/16/1962
	31.45	31.45	0	0	Jefferson	Lightning	5/26/1960 Lightning	5/25/1960
REMARKS	CROPDMG	PROPDMG	INJURIES	FATALITIES	BGN_LOCATI	EVTYPE	END_DATE	BGN_DATE

	0	500	0	0	Magnolia	Lightning	8/6/2011 8/6/2011 Lightning	8/6/2011
lightning struck a house and set it on fire. Damage estimates were inconclusive	c	23000	c	c	Louisville		8/10/2003 8/10/2003 Lighthining	8/10/2003
The lefference country 011 content account that		75000	o l	o l		-: -: -: -: -: -: -: -: -: -: -: -: -: -	9 /10 /2002	9 /10 /2002
and its support above several rooms								
Main Street. There was damage to the roof								
throughout the attic of a home on North								
0 Lightning caused a fire that spread		10000	0	0	Wrens	Lightning	8/20/1999 8/20/1999 Lightning Wrens	8/20/1999
REMARKS	CROPDMG	PROPDMG	INJURIES	FATALITIES	BGN_DATE END_DATE EVTYPE BGN_LOCATI FATALITIES INJURIES PROPDMG CROPDMG	EVTYPE	END_DATE	BGN_DATE

The public reported nickel to quarter-sized hail halfway between	0	0	0	0	1.00 in.	Louisville	Hail		5/11/2003
The Jefferson County 911 center reported golf ball-sized hail in the Stellaville area.	0	0	0	0	1.75 in.	Stellaville	Hail		6/12/2004
0 The Jefferson County 911 Center reported quarter-sized hail.	0	0	0	0	1.00 in.	Louisville	Hail		4/13/2005
The public reported penny-sized hail.	0	5000	0	0	1.75 in.	Louisville	Hail		12/28/2005
The Columbia, SC Weather Forecast Office relayed a report from a O storm spotter of golf ball-sized hail.	0	5000	0	0		Louisville)5 Hail	12/28/200	12/28/2005 12/28/2005 Hail
The public observed penny-sized hail.	0	0	0	0	0.75 in.	Louisville	Hail		5/14/2006
The Jefferson County Emergency Management Director reported penny-sized hail.	0	0	0	0	0.75 in.	Louisville	Hail		5/14/2006
		0	0	0	0.75 in.	Bartow	Hail		7/28/2006
		300000	0	0	2.75 in.	Stapleton	Hail		3/15/2008
0 Hail (2.75)		300000	0	0		Jefferson)8 Hail	3/15/2008	3/15/2008
	0	0	0	0	0.75 in.	Louisville	Hail		7/22/2008
	0	80000	0	0	1.75 in.	Wrens	Hail		7/28/2008
Hail (1.75)	0	80000	0	0	1.75 in.	Jefferson)8 Hail	7/28/2008	7/28/2008
	0	0	0	0	0.75 in.	Wadley	Hail		8/4/2008
	0	0	0	0	1.00 in.	Louisville	Hail		6/20/2010
	0	0	0	0	0.88 in.	Wrens	Hail		9/25/2011
	0	45000	0	0	1.75 in.	Wadley	Hail		9/27/2011
	0	45000	0	0		Jefferson	.1 Hail	9/27/2011 Hail	9/27/2011
The public reported nickel sized hail in Wrens.	0	0	0	0	0.88 in.	Wrens			5/21/2013
REMARKS	CROPDMG	PROPDMG	INJURIES	FATALITIES	MAG	BGN_LOCATI	E EVTYPE	END_DATE	BGN_DATE

OlWind. hail. and lightning	0	314.47	0	0		Jefferson		6/2/1968 Hail	6/2/1968
.75 inch						Jefferson	Hail		4/18/1969
314.47 WIND, RAIN, HAIL, AND LIGHTNING	314.47	314.47	0	0		Jefferson		4/23/1971 Hail	4/23/1971
Hail	25000 Hail	0	0	0		Jefferson		5/8/1971 Hail	5/8/1971
Hail	50000 Hail	0	0	0		Jefferson		4/14/1984 Hail	4/14/1984
Hail	50000 Hail	0	0	0		Jefferson		6/10/1993 Hail	6/10/1993
Road.					1.75 in.	Louisville	Hail		
golfball size hail near Clarksmill									4/26/1996
Jefferson County 911 reported									
					1.00 in.	Bartow	Hail		4/3/1998
					0.75 in.	Louisville	Hail		4/17/1998
and Wrens.					1.00 in.	Louisville	Hail		
quarter size hail between Louisville									4/22/1998
Jefferson county 911 reported									
winds, and power out in Louisville.					1.75 in.	Louisville	Hail		
larger than golf ball size, strong									7/ 27/ 1000
The public reported hail a little									4/24/1999
dime size hail.	0	0	0	0	0.75 in.	Avera	Hail		8/24/2001
The Avera Post Office reported									
reported dime to quarter size hail.		ı							-, -,
The Jefferson county 911 center	0	0	0	0	1.00 in.	Louisville	Haii		5/3/2002
The Wrens police department reported golf ball size hail.	0	0	0	0	1.75 in.	Wrens	Hail		7/6/2002
860000	0	860000				Wadley			7/21/2002
size hail.									
and the public both reported penny	0	0	0	0	0.75 in.	Louisville	Hail		3/19/2003
The Jefferson county 911 center									
reported quarter-sized hail.	ď	ď	C	c	1.00	AATELIS	IIdii		4/ // 2003
The Wrens Police Department		O	0	0	1 00 in	Wrons			E006/2/V
reported penny-sized hail.	C	O	O	c	0.73 111.	LOUISVIIIE	IIdii		3/2/2003
The Jefferson county 911 center)	0	0	0 75 in	Louisvillo			E/2/2002
NEWANNO	CKOPDIVIG	PROPUNIG	INJURIES	FATALITIES	MAG	BGN_LOCATI	EVTYPE	END_DATE	BGN_DATE

_	7/9/1967 H	Hail	lefferson	ח ח	0	37 75	7.	2
/TT COGT/T7/TT	7/9/1967 Hail 11/22/1965 Hail	fail	Jefferson Jefferson	0 0	0 0		31.45 31.45	31.45 314.47 Wind, rain, hail, and lightning 31.45 0 electrical, wind and hail
4/12/1965 4/	4/12/1965 Hail	lail	Jefferson	0	0		45.05	45.05 45.05 Hail and rain
5/21/1964 5/	5/21/1964 Hail	lail	Jefferson	0	0	2	2380.95	380.95 238.1 WIND, RAIN, AND HAIL
7/11/1963 7/	7/11/1963 Hail	lail	Jefferson	0	0		14.71	14.71 14.71 Hail and wind
5/27/1963 5/	5/27/1963 Hail	lail	Jefferson	0	0		66.67	66.67 6.67 Rain, wind, hail and electrica
7/24/1962 7/	7/24/1962 Hail	łail	Jefferson	0	0		51.02	51.02 5.1 Wind, hail, and rain
7/17/1962 7/	7/17/1962 Hail	łail	Jefferson	0	0		31.45	31.45 31.45 Wind, hail, rain, and lightning
5/28/1962 5/	5/28/1962 Hail	łail	Jefferson	0	0		111.11	111.11 WIND AND HAIL
5/16/1962 5/	5/16/1962 Hail	łail	Jefferson	0	0.02		43.1	43.1 43.1 WIND, HAIL, ELECTRICAL
6/11/1961 6/	6/11/1961 Hail	łail	Jefferson	0	0		147.06	147.06 14.71 Wind and hail
5/25/1961 5/	5/25/1961 Hail	łail	Jefferson	0	0		7.69	7.69 76.92 Hail, wind and rain
5/25/1960 5/	5/26/1960 Hail	łail	Jefferson	0	0		31.45	31.45 WIND, HAIL, ELECTRICAL
3/30/1960 3,	3/30/1960 Hail	łail	Jefferson	0	0		31.45	31.45 0 WIND, HAIL, RAIN
2/10/1960 2/	2/10/1960 Hail	:	Jefferson	0	0		31.45	31.45 0 WIND, RAIN, HAIL
6/3/1959	Hail	lall						1.50 inch

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. There have been 41 recorded winter storms. There is an 75% chance of an annual winter storm event. Winter storms can be more accurately predicted than most other natural hazards, making it possible to give advance warning to communities. The National Weather Service issues winter storm warnings and advisories as these storms make their way south. Given the infrequency of these types of storms, southern communities are still not properly equipped to sustain the damage and destruction caused by severe winter storms. To summarize, there are approximately 40,626 structures/properties in the county totaling slightly less than \$1.3 billon with a population of 16,930.

2/1/1996	1/15/1994	12/1/1993	1/20/1983	2/5/1980	2/17/1979	1/1/1977	2/9/1973	1/8/1970	1/29/1966	1/13/1964	12/31/1963 1	3/2/1962	1/25/1961	3/1/1960	02/00/1958	11/00/1950	01/00/1936	12/00/1935	02/00/1914	02/00/1912	01/00/1912	02/00/1901	1/00/1900	02/1894	01/1893	BGN_DATE
10	1/15/1994 \	10	1/21/1983 \	2/6/1980 \	2/18/1979 \	1/31/1977 \	2/10/1973 \	1/10/1970 \	1/31/1966 \	1/13/1964	12/31/1963 V	3/3/1962 \	1/26/1961	3/2/1960 \												END_DATE
Snow	1/15/1994 Winter Weather	Snow	1/21/1983 Winter Weather	2/6/1980 Winter Weather	2/18/1979 Winter Weather	1/31/1977 Winter Weather	2/10/1973 Winter Weather	1/10/1970 Winter Weather	1/31/1966 Winter Weather	1/13/1964 Winter Weather	12/31/1963 Winter Weather	3/3/1962 Winter Weather	1/26/1961 Winter Weather	3/2/1960 Winter Weather	Snow	Snow	Snow	Snow	Snow	Snow	Snow	Snow	Snow	Snow	Snow	EVTYPE
	0		0	0	0	0	0	0	0	0	0	0	0	0												FATALITIES INJURIES
	0		0	0	0	0	0	0	0	0	0	0	0	0												
	515.46		5208.33	549.45	5208.33	31446.54	40000	314.46	314.47	3.14	31446.54	238.1	314.46	69444.44												PROPDMG
	0		0	0	520.83	0	0	0	314.47	0	0	0	0	0												CROPDMG
1.3 inches	FREEZE	2.20 inches	0 Winter Storm .30 inhes	0 Snow 1 inch	.83 snow and sleet 2 inches	0 Extreme Cold 2.5 inches	14.8 in	0 COLD WAVE	.47 SNOW AND COLDWAVE	0 Snow and sleet	0 SNOW AND ICE STORM	0 Glaze	GLAZE AND SLEET	0 GLAZE, SLEET, SNOW	.5 inches	.5 inches	2 inches	3.00 inches	9 inches	1.5 inches	2.5 inches	8 inches	3 inches	3 inches	4 inches	REMARKS

BGN_DATE	END_DATE	EVTYPE	FATALITIES	INJURIES	PROPDMG	CROPDMG	NG REMARKS
1/2/2002	1/2/2002	1/2/2002 Winter Weather	0	0	83333.33	0	One of the biggest snow storms to affect north and
							central Georgia since March 1993 began early on the
							2nd and continued through mid-day on the 3rd. Over a
							half a foot of snow fell in some areas just south and
							southwest of Atlanta, with large areas of north and
							central Georgia receiving three to four inches of snow
							during the two-day event. an extended period of light to
							moderate frozen precipitation across all of central
							Georgia and the southern sections of north Georgia
							throughout the day on the 2nd. Most of the
							precipitation fell as snow, except for the far
							southeastern counties of central Georgia, where a
							mixture of sleet, snow, and freezing rain occurred.
							Snowfall amounts of three to five inches occurred in a
							period of approximately six to eight hours. For the
							southern portions of central Georgia, snowfall amounts
							were generally two inches or less, while the northwest
							and far north central portions of the state received only
							trace amounts of snow during the entire storm.
							Automobile and airplane travel was severely disrupted
							during the event

3000 cutomers without power trees and limbs down					Ice Storm		12/26/2004
400 cutomers without power		0			Ice Storm		1/6/2004
	0 0.00K	0	0	0	Extreme Cold/Wind Chill		1/23/2003
	0.008	O	c	C	Chill		1/11/2003
	0.00K	0	0	0	Cold/Wind Chill		5/18/2002
	0 0.00K	0	0	0	Extreme Cold/Wind Chill		3/1/2002
	0 0.00K	0	0	0	Extreme Cold/Wind Chill		2/26/2002
north and central Georgia from the 2nd to the 3rd first began across the southeast portion of central Georgia. From early morning through mid-evening on the 2nd about a 12 hour period of wet snow, sleet, and light freezing rain affected these areas. Ice accumulations averaged less than one-quarter inch, but were significant enough, when combined with a wet snow in some areas, to cause large tree limbs, and even some trees (especially pines), to fall on power lines, roads, and even some homes. Several power outages resulted. The hardest hit counties with glaze ice accumulations from freezing rain, freezing drizzle, and snow were Washington, Johnson, Jefferson, Emanuel, and Laurens counties. All together, several hundred trees were damaged or destroyed and thousands of people in these counties lost power during the 2-day storm. Many people did not have any power for 3 days or more. Emergency electrical crews were called out from out-of-state to assist with the cleanup and restoration of power.							
The same storm which brought heavy snow to much of	0.00K	0	0	0	Winter Storm		1/2/2002
REMARKS	CROPDMG	PROPDMG	INJURIES	FATALITIES	EVTYPE	END_DATE	BGN_DATE
	CROPDMG	PROPDMG	INILIRIES	FATALITIES	FVTYPF	FND DATE	

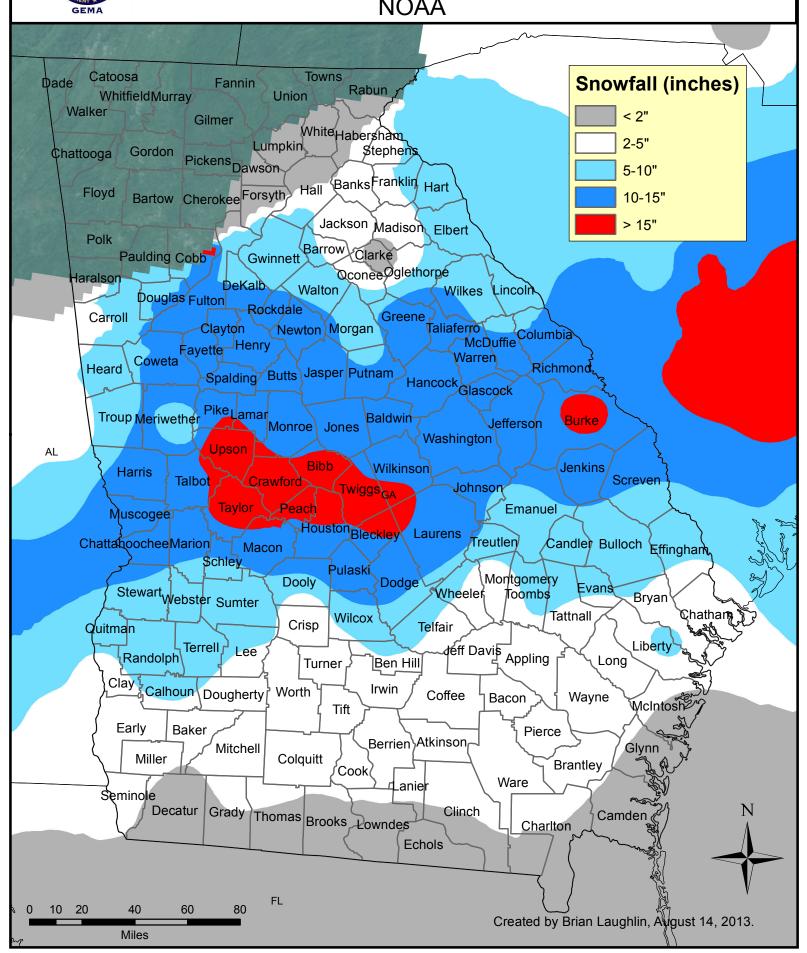
The Jefferson County 911 Center reported only trace amounts of snowfall across the county.	0.00K	0	0	0	Winter Weather		12/25/2010
The Jefferson County 911 Center reported 2.0 inches of snow.	0 0.00K	0	0	0	Heavy Snow		2/12/2010
	50000 0.00K	50000	0	0	Winter Storm		1/28/2005
O A significant and fairly prolonged winter storm/ice storm affected nearly all of North and Central Georgia from the evening of Friday January 28th to late morning on Sunday January 30th. T to Sandersville line, most of the frozen precipitation fell as freezing rain, with 1/4 to 1/2 inch accumulations of glaze ice common as far south as McRae, Abbeville, and Americus. In the southern areas, however, the ice accumulations were generally confined to trees, power lines, and other exposed objects with little or no accumulation of ice on the ground. Extensive damage to trees and power lines were reported throughout the area, especially in North Central, Northeast, and Central Georgia. Damage estimates were in the millions. Numerous vehicle accidents were also reported on the slick ice and sleet covered roads, especially in the Atlanta Metropolitan area. The summary below provides ice and sleet accumulations by county for this event as well as damage information received for that county. The ice and sleet accumulations were largely provided by the county 911 centers or respective Emergency Management Directors. The damage information was provided by the local county/city newspaper.Jefferson: 1/4 inch of glaze ice, < 1.0 inch of sleet - Numerous trees and power lines were down throughout the county. More than 14,000 residents of the county, which includes most of the county, were left without power.		97916.66	0	0	1/30/2005 Winter Weather	1/30/2005	1/28/2005
G REMARKS	CROPDMG	PROPDMG	INJURIES	FATALITIES	EVTYPE	END_DATE	BGN_DATE
	CBOBDM	שהטשחאוה	INITIDIES	ENTALITIES	EVTVDE	חדים ביים	フハー

BGN_DATE	END_DATE	EVTYPE	FATALITIES	INJURIES	PROPDMG	CROPDMG	REMARKS
1/28/2014					0	0	0 A low pressure system moving up the GA/SC coast
							produced freezing rain, sleet, and snow over the CSRA
							closing schools, businesses, and some highways. Snow
							amounts of 1 to 3 inches were common across the area.
2/12/2014		Ice Storm					A significant winter storm impacted north and portions
							of central Georgia on Tuesday the 11th and Wednesday
							the 12th. For areas south of the Atlanta Metropolitan
							area and into central Georgia, the event began
							Wednesday morning the 12th. Rain mixed with and
							changed over to freezing rain through the morning
							hours, resulting in catastrophic ice accretions of a half to
							one inch of ice, with localized higher amounts, especially
							along the Interstate 20 corridor. Thousands of trees
							were downed and widespread power outages were
							reported, with some customers without power for days.
							The event ended as a round of light snow Wednesday
							evening.



February 9-11, 1973 Winter Storm

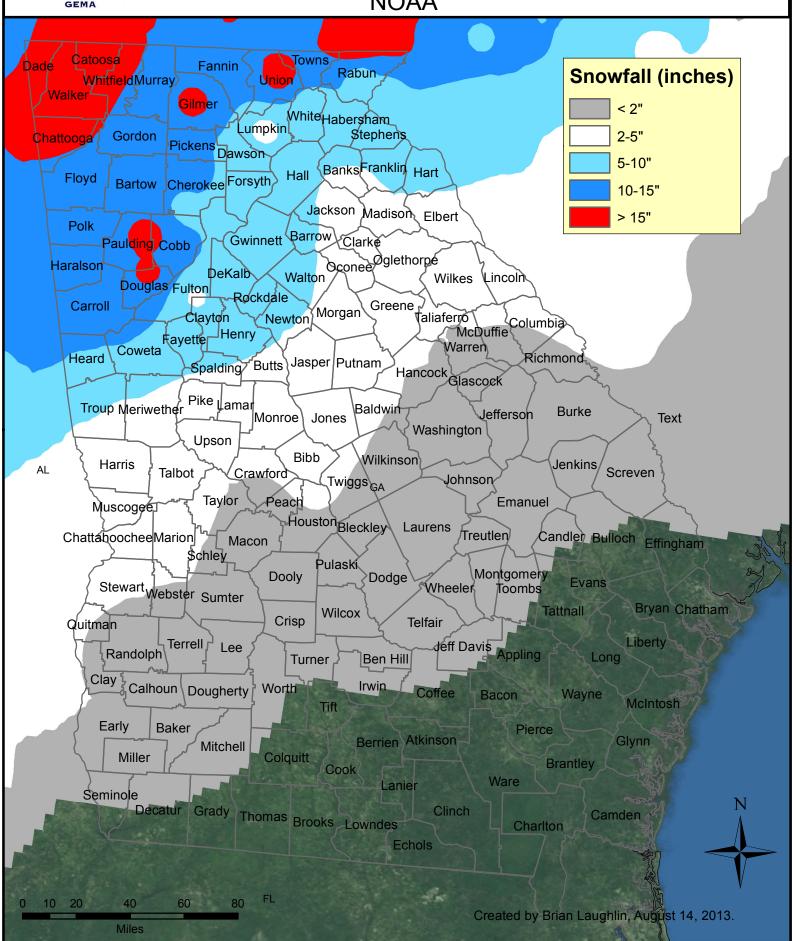
RSI = 12.52, Category 4 NOAA





March 12-15, 1993 Winter Storm

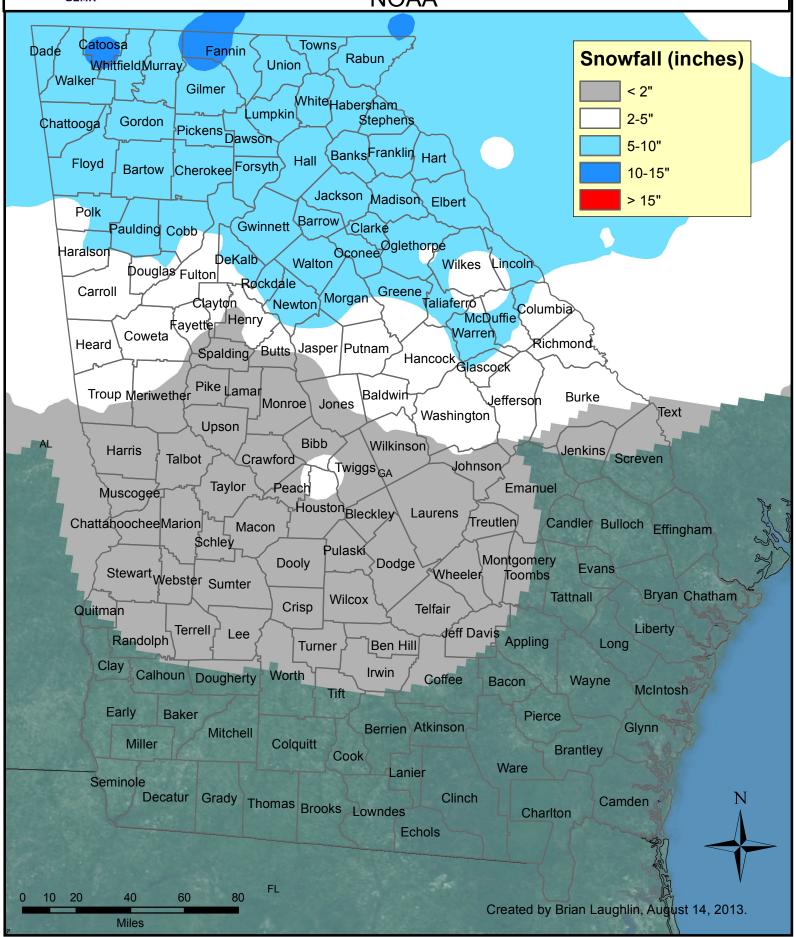
RSI = 20.572, Category 5 NOAA





January 9-11, 2011 Winter Storm

RSI = 4.158, Category 2 NOAA



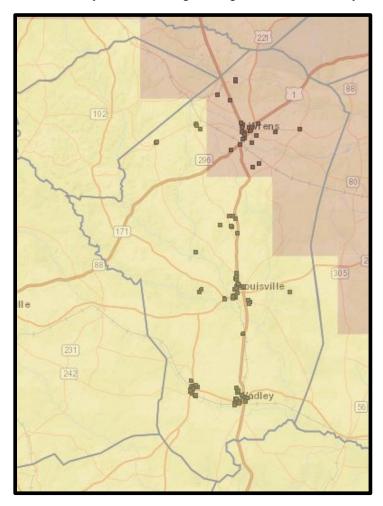
EARTHQUAKE

Earthquakes are one of nature's most damaging hazards. An earthquake is a sudden motion or trembling that is caused by a release of strain accumulated within or along the edge of Earth's tectonic plates. The severity of these effects is dependent on the amount of energy released from the fault or epicenter. The effects of an earthquake can be felt far beyond the site of its occurrence. They usually occur without warning and after just a few seconds can cause massive damage and extensive casualties. Common effects of earthquakes are ground motion and shaking, surface fault ruptures, and ground failure. If the earthquake occurs in a populated area, it may cause many deaths, injuries and extensive property damage.

Magnitude and intensity measure different characteristics of earthquakes. Magnitude measures the energy released at the source of the earthquake and is determined from measurements on seismographs. Intensity measures the strength of shaking produced by the earthquake at a certain location and is determined from effects on people, human structures, and the natural environment.

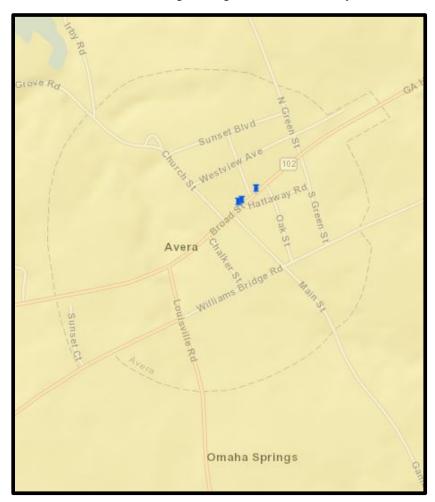
There has never been a reported earthquake event events reported in the last 68 years. Based on a 20-year cycle hazard history there is less than a 1% probability of an annual earthquake event. To summarize, there are approximately 40,626 structures/properties in the county totaling slightly less than \$1.3 billon with a population of 16,930

Jefferson County Seismic Georgia Mitigation Information System



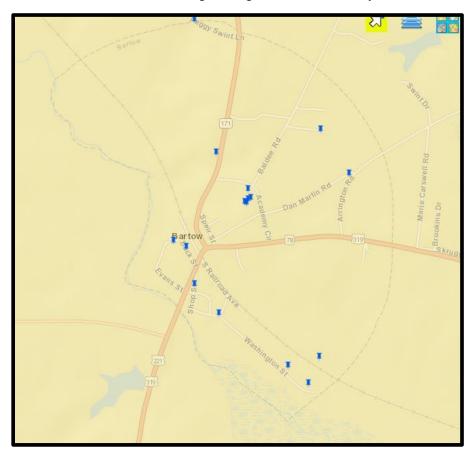
Seismic Threat Category	Original Value	Description
1	А	0-17% gravity (lowest threat)
2	В	17-33% gravity (low to moderate threat)
3	С	33-50% gravity (moderate to high threat)
4	D1	50-83% gravity (highest threat)
*	Not applicable	All other values

Avera Seismic Georgia Mitigation Information System



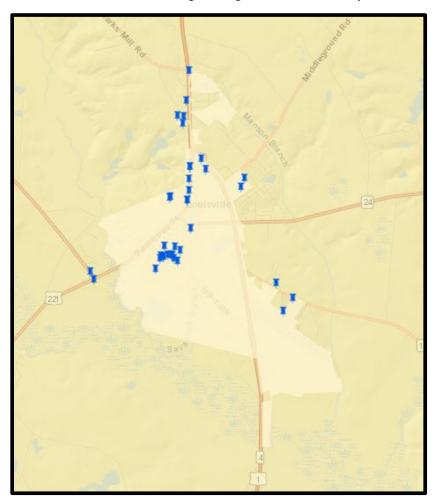
Seismic Threat Category	Original Value	Description
1	А	0-17% gravity (lowest threat)
2	В	17-33% gravity (low to moderate threat)
3	С	33-50% gravity (moderate to high threat)
4	D1	50-83% gravity (highest threat)
*	Not applicable	All other values

Bartow Seismic Georgia Mitigation Information System



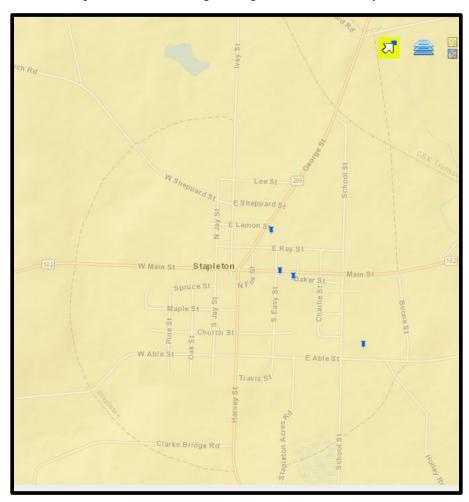
Seismic Threat Category	Original Value	Description
1	А	0-17% gravity (lowest threat)
2	В	17-33% gravity (low to moderate threat)
3	С	33-50% gravity (moderate to high threat)
4	D1	50-83% gravity (highest threat)
*	Not applicable	All other values

Louisville Seismic Georgia Mitigation Information System



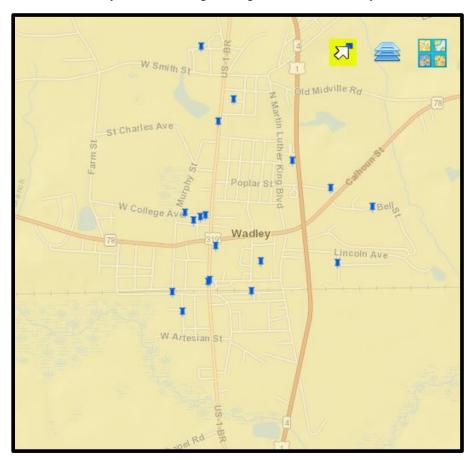
Seismic Threat Category	Original Value	Description
1	А	0-17% gravity (lowest threat)
2	В	17-33% gravity (low to moderate threat)
3	С	33-50% gravity (moderate to high threat)
4	D1	50-83% gravity (highest threat)
*	Not applicable	All other values

Stapleton Seismic Georgia Mitigation Information System



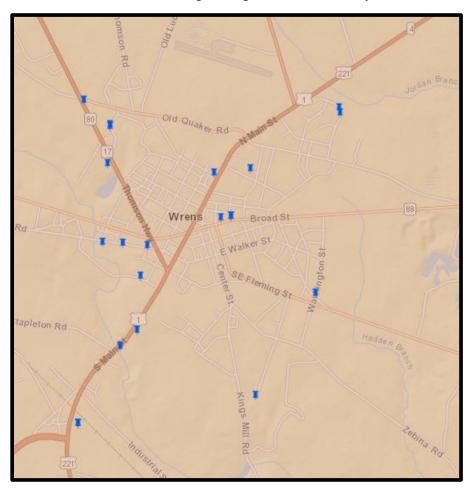
Seismic Threat Category	Original Value	Description
1	А	0-17% gravity (lowest threat)
2	В	17-33% gravity (low to moderate threat)
3	С	33-50% gravity (moderate to high threat)
4	D1	50-83% gravity (highest threat)
*	Not applicable	All other values

Wadley Seismic Georgia Mitigation Information System



Seismic Threat Category	Original Value	Description
1	А	0-17% gravity (lowest threat)
2	В	17-33% gravity (low to moderate threat)
3	С	33-50% gravity (moderate to high threat)
4	D1	50-83% gravity (highest threat)
*	Not applicable	All other values

Wrens Seismic Georgia Mitigation Information System



Seismic Threat Category	Original Value	Description
1	А	0-17% gravity (lowest threat)
2	В	17-33% gravity (low to moderate threat)
3	С	33-50% gravity (moderate to high threat)
4	D1	50-83% gravity (highest threat)
*	Not applicable	All other values