

Annex A Alamance County

A.1 PLANNING PROCESS

The table below lists the HMPC members who represented Alamance County unincorporated areas.

Table A.1 – HMPC Members

Representative	Position or Title
Debbie Hatfield	EM Coordinator
Yancy King	Asst. EM Coordinator
Brad Bailey	Bat. Chief/City of Burlington
Alan Byrd	First Call

A.2 COMMUNITY PROFILE

Geography

Alamance County is located in the western portion of the Piedmont of North Carolina. It is bordered by Caswell County to the north, Orange County to the east, Chatham County to the south, and Guilford and Randolph Counties to the west. It comprises the Burlington, NC Metropolitan Statistical Area, which falls within the larger Greensboro-Winston-Salem-High Point, NC Combined Statistical Area. The County comprises a total area of 423.3 square miles.

Alamance County was named after Great Alamance Creek, site of the Battle of Alamance (May 16, 1771), a pre-Revolutionary War battle in which militia under the command of Governor William Tryon crushed the Regulator movement. Great Alamance Creek, and in turn Little Alamance Creek, according to legend, were named after a local Native American word to describe the blue mud that was found at the bottom of the creeks. Other legends say that the name came from another local Native American word meaning "noisy river," or for the Alamanni region of Rhineland, Germany, where many of the early settlers would have come from.

Population and Demographics

Table A.2 provides population counts and growth estimates for the County's unincorporated areas as compared to the county and region overall.

Table A.2 – Population Counts, Unincorporated Alamance County, 2010-2018

Jurisdiction	2000 Census Population	2010 Census Population	2018 ACS Population Estimate	Total Change 2010-2018	% Change 2010-2018
Unincorporated Alamance County	53,846	54,859	59,106	4,247	7.7%
Alamance County total	130,800	146,902	160,576	13,674	9.3%
Region Total	507,964	567,634	649,276	81,642	14.4%

Source: US Census Bureau Decennial Census 2000, Decennial Census 2010; American Community Survey 2014-2018 5-Year Estimates

Note: Unincorporated areas statistics calculated by subtracting jurisdiction counts from the county total. The total populations of Burlington and Mebane include population residing in adjacent counties.

Housing

Table A.3 details housing unit counts for Alamance County unincorporated areas as compared to the county overall. Overall, housing unit estimates decreased slightly in unincorporated Alamance County.

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However, these counts are calculated by subtracting the estimates of all incorporated areas from the county total estimate, which may skew these numbers.

Table A.3 – Housing Statistics, Unincorporated Alamance County, 2010-2018

Housing Characteristics	Alamance County	Unincorporated Alamance County
Housing Units (2010)	66,576	25,345
Housing Units (2018)	69,749	25,213
Housing Units Percent Change (2010-2018)	4.8%	-0.5%

Source: U.S. Census Bureau 2010 Decennial Census, American Community Survey 2014-2018 5-Year Estimates

A.3 RISK ASSESSMENT

This section contains a summary of the County’s asset inventory as well as hazard profile and vulnerability assessment for those hazards that are spatially defined and have variations in risk that could be evaluated quantitatively on a jurisdictional level. The hazards included in this section are: Dam Failure, Flood and Wildfire.

Asset Inventory

The following tables summarize the asset inventory for Alamance County unincorporated areas in order to estimate the total physical exposure to hazards in this area. The locations of critical facilities are shown in Figure A.1. Critical facilities are a subset of identified assets from the Critical Infrastructure & Key Resources (CIKR) dataset. Note that the CIKR counts are by building; where a critical facility comprises a cluster of buildings, each building is counted and displayed.

Building counts are provided based on data from the NCEM IRISK database, and supplemental parcel exposure is based on November 2019 county parcel data.

Table A.4 – Critical Infrastructure & Key Resources by Type

Jurisdiction	Food and Agriculture	Banking and Finance	Chemical & Hazardous	Commercial	Communications	Critical Manufacturing	Defense	Government Facilities	Healthcare	IT	National Monuments and Icons	Nuclear Reactors, Materials and Waste	Postal and Shipping	Transportation Systems	Energy	Emergency Services	Water	Total
Unincorporated Alamance County	2,325	0	0	783	0	273	0	89	14	0	0	0	0	211	6	12	25	3,738

Source: NCEM Risk Management Tool

Table A.5 – High Potential Loss Facilities by Use

Jurisdiction	Residential	Commercial	Industrial	Government	Agricultural	Religious	Utilities	Total
Unincorporated Alamance	6	58	28	25	0	28	20	165

Source: NCEM Risk Management Tool

Table A.6 – IRISK Inventory of Building Counts and Values

Jurisdiction	Building Count	Building Value
Unincorporated Alamance County	29,650	\$3,375,672,801

Source: NCEM Risk Management Tool

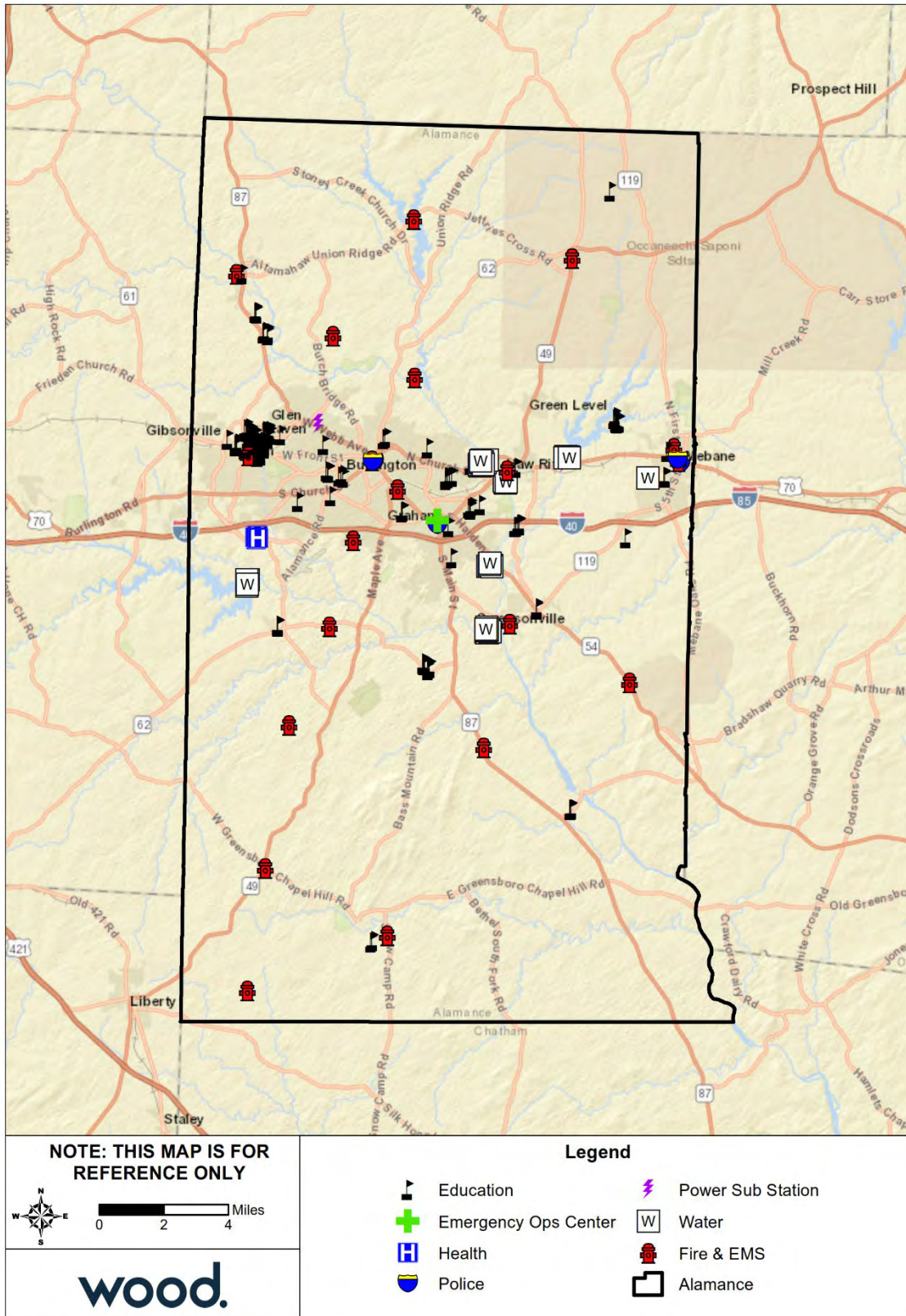
To supplement the asset inventory and provide a clearer picture of the current asset exposure in the Eno-Haw Region, current parcel data was evaluated to identify recent development that was not included in NCEM's IRISK database. The building footprint layer from IRISK was compared to current parcel data; any parcels with an improved value that did not already have a building in IRISK were summarized in the table below. This information is not incorporated into the risk assessment, which was prepared using IRISK. However, this summary of recent development provides some context to understand the degree to which the IRISK exposure and vulnerability numbers differ from current conditions.

Table A.7 – Parcels Development Not Included in IRISK, November 2019

Jurisdiction	Improved Parcel Count	Total Improved Value
Unincorporated Alamance County	3,588	\$552,421,404

Source: County parcel data, retrieved November 2019; IRISK database building footprints

Figure A.1 – Critical Facilities, Unincorporated Alamance County



Source: NCEM IRISK Database, GIS Analysis

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A.3.1 Dam Failure

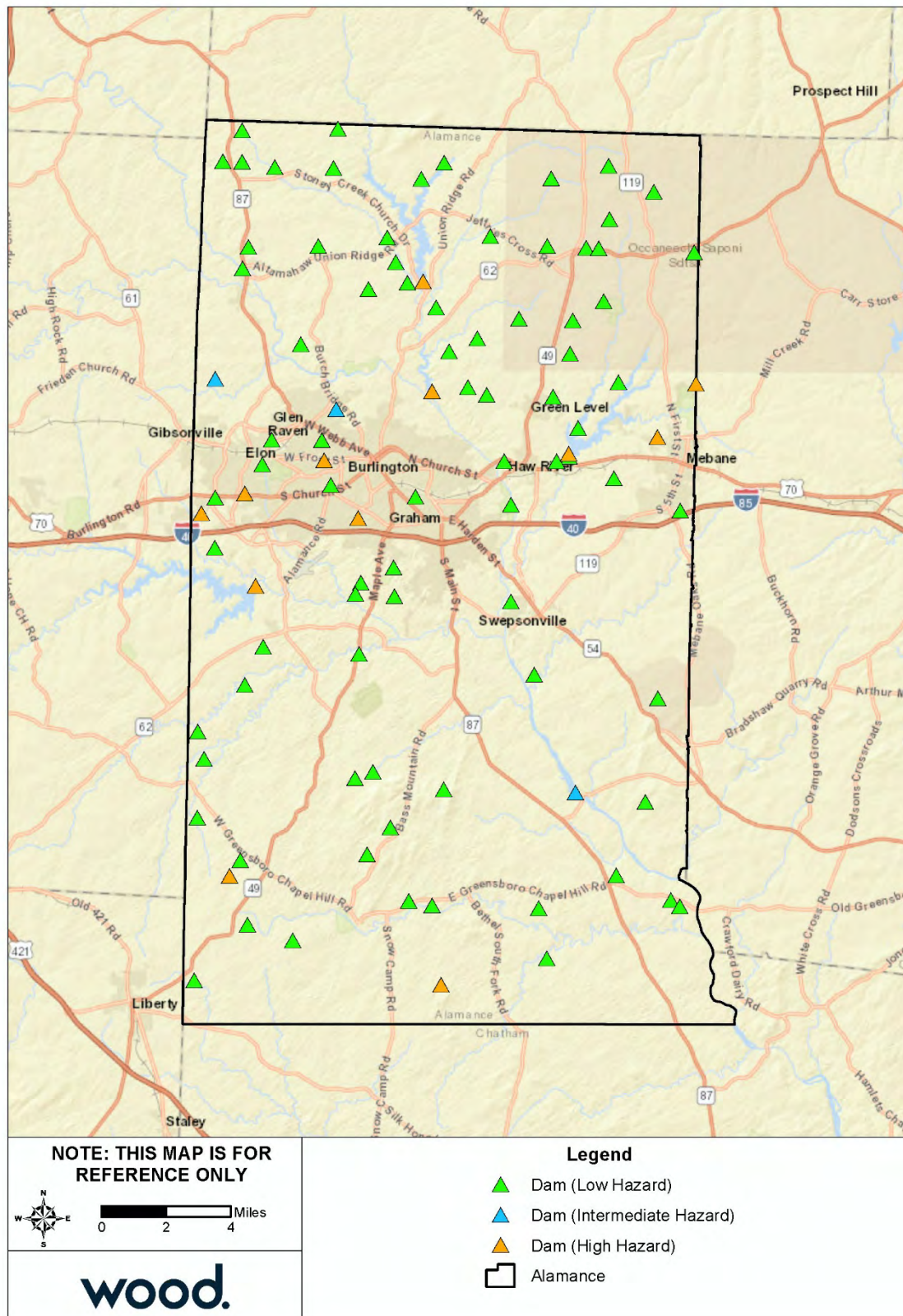
Table A.8 lists all high hazard dams identified by the North Carolina Dam Inventory as of July 2018. Dam locations throughout Alamance County are shown in Figure A.2.

Table A.8 – High Hazard Dams in Unincorporated Alamance County

Dam Name	NID ID	Condition as of Last Inspection	Max Capacity (Ac-Ft)	Nearest Downstream Location
Lake Cammack Dam	NC00739	Fair	36,000	Carolina
Forest Lake Dam	NC00748	Poor	235	Haw River
Timber Ridge Lake Dam	NC00742	Fair	288	Saxapahaw
Old Stony Creek Dam	NC00762	Poor	3,600	Hopedale
Tredmont Lake Dam	NC01732	Poor	331	-
Back Creek Reservoir	NC04873	Fair	10,645	Haw River

Source: NC Dam Inventory, July 2018

Figure A.2 – Dam Locations, Unincorporated Alamance County



Source: NC Dam Inventory, July 2018

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A.3.2 Flood

Table A.9 details the acreage of unincorporated Alamance County's total area by flood zone on the effective DFIRM. Per this assessment, nearly 7 percent of the unincorporated area in the County falls within the mapped 1%-annual-chance floodplains.

Table A.9 – Flood Zone Acreage in Unincorporated Alamance County

Flood Zone	Acreage	Percent of Total (%)
Zone AE	19,215.4	6.9
Zone X (500-year)	1,201.0	0.4
Zone X Unshaded	257,650.2	92.7
Total	278,066.6	--

Source: FEMA Effective DFIRM

Figure A.3 reflects the effective mapped flood hazard zones for Alamance County, and Figure A.4 displays the depth of flooding estimated to occur in these areas during the 1%-annual-chance flood.

To supplement the IRISK assessment of property at risk from the 1% annual chance flood event in Section 4 and provide a clearer picture of the current property at risk in the region, recent development not included in IRISK was analyzed using GIS to determine additional exposure to flood risk. Improved parcels in contact with the SFHA were considered at risk to the 1 percent annual chance flood. The count and total value of these parcels are summarized below and compared to total recent development counts and values. Note that this assessment does not account for the degree of exposure, so the result is a maximum exposure estimate for the modeled 1 percent annual chance flood. Additionally, this assessment does not evaluate flood impacts or provide damage estimates. According to this assessment, 8.5 percent of recent development in unincorporated Alamance County is located in or near the SFHA.

Table A.10 – Recent Development at Risk to Flood, Unincorporated Alamance County

Recent Development at Risk		Percent of Total Recent Development	
Count of Parcels	Value of Parcels	Percent of Parcels	Percent of Values
305	\$59,467,089	8.5%	10.8%

Source: Parcel data retrieved November 2019; FEMA Effective DFIRM

Table A.11 provides building counts and estimated damages for Critical Infrastructure and Key Resources (CIKR) buildings by sector and flood event in unincorporated Alamance County. Table A.12 summarizes high potential loss property vulnerability by sector and flood event.

Table A.11 – Critical Facilities Exposed to Flooding, Unincorporated Alamance County

Sector	Event	Number of Buildings at Risk	Estimated Damages
Commercial Facilities	10 Year	1	\$1,483
	25 Year	1	\$33,299
	50 Year	1	\$42,773
	100 Year	2	\$132,207
	500 Year	4	\$2,082,214
Critical Manufacturing	50 Year	1	\$2,985
	100 Year	2	\$97,239
	500 Year	4	\$278,665
Food and Agriculture	100 Year	2	\$1,235
	500 Year	5	\$19,234
Water	500 Year	1	\$5,803

ANNEX A: ALAMANCE COUNTY UNINCORPORATED AREAS

Sector	Event	Number of Buildings at Risk	Estimated Damages
All Categories	10 Year	1	\$1,483
	25 Year	1	\$33,299
	50 Year	2	\$45,758
	100 Year	6	\$230,681
	500 Year	14	\$2,385,916

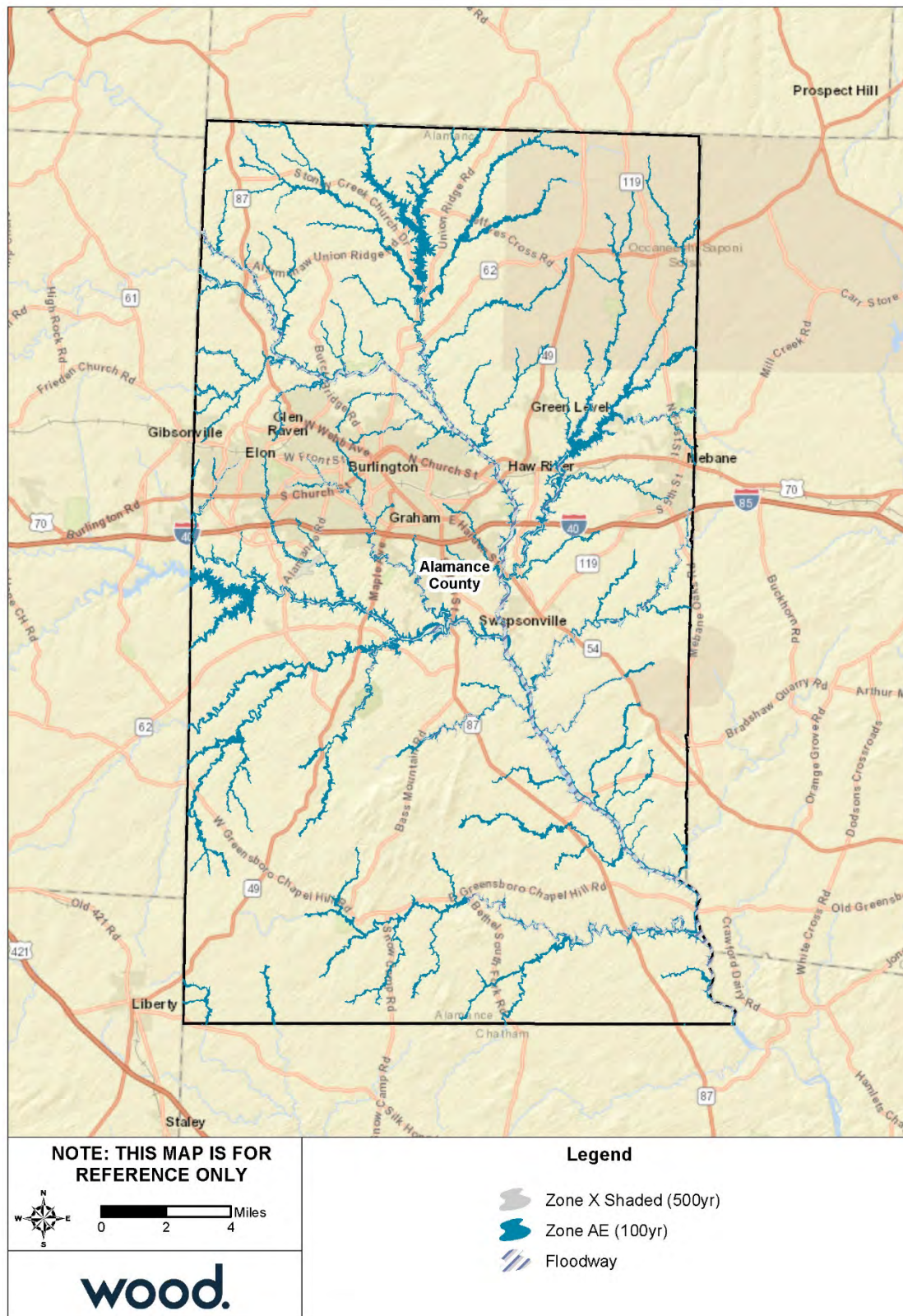
Source: NCEM Risk Management Tool

Table A.12 – High Potential Loss Properties Exposed to Flooding, Unincorporated Alamance County

Category	Event	Number of Buildings at Risk	Estimated Damages
Commercial	100 Year	1	\$77,874
	500 Year	1	\$1,953,027
Industrial	50 Year	1	\$2,985
	100 Year	1	\$97,235
	500 Year	1	\$178,118
Religious	500 Year	1	\$60,089
All Categories	50 Year	1	\$2,985
	100 Year	2	\$175,109
	500 Year	3	\$2,191,234

Source: NCEM Risk Management Tool

Figure A.3 – FEMA Flood Hazard Areas, Unincorporated Alamance County

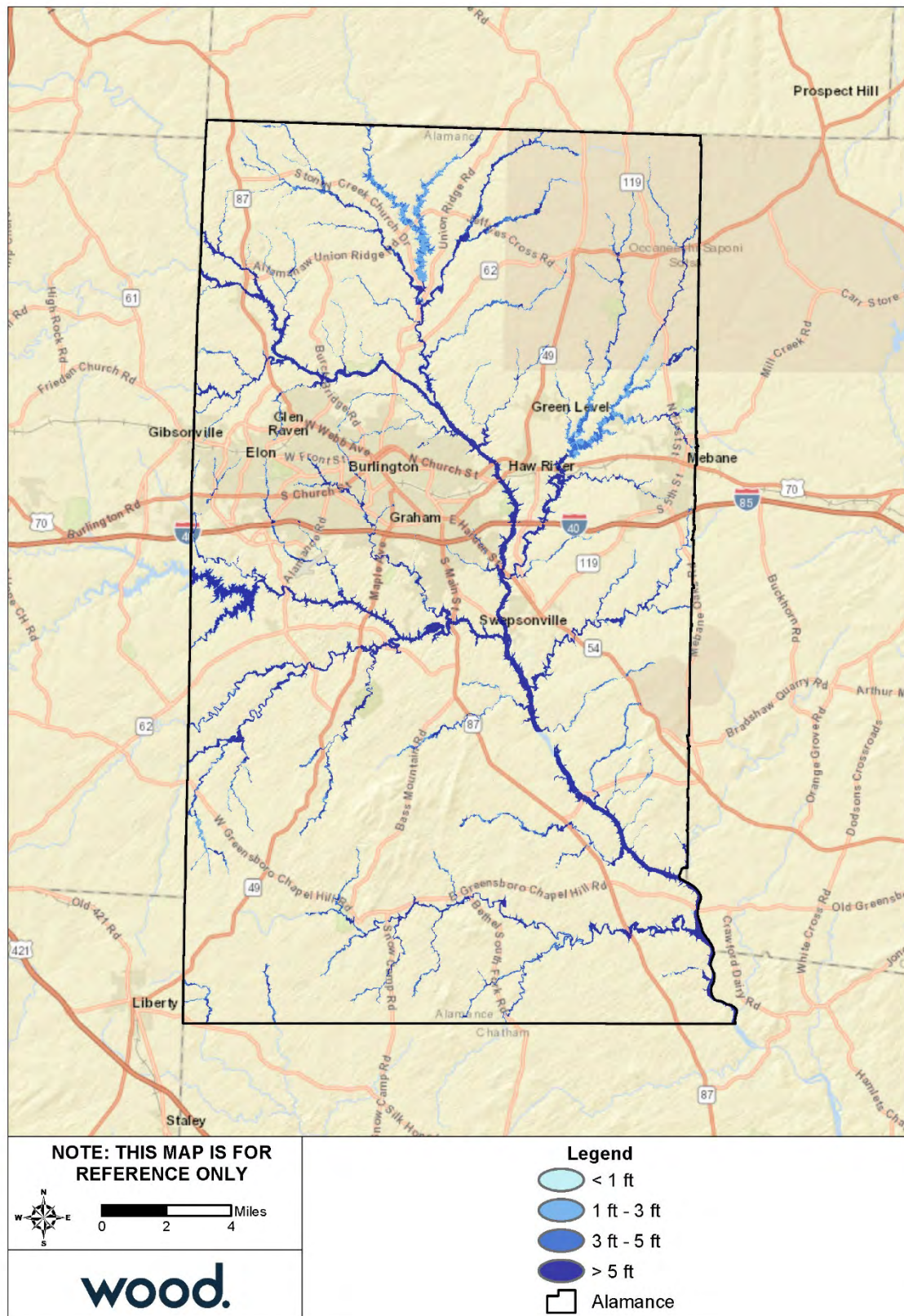


Source: FEMA Effective DFIRM

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Figure A.4 – Flood Depth, 1%-Annual-Chance Floodplain, Unincorporated Alamance County



Source: FEMA Effective DFIRM

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A.3.3 Wildfire

Table A.13 summarizes the acreage in Alamance County that falls within the Wildland Urban Interface (WUI), categorized by housing density. Areas in the WUI are those where development may intermix with flammable vegetation. Nearly 40 percent of unincorporated Alamance County is not included in the WUI.

Table A.13 – Wildland Urban Interface Acreage, Alamance County

	Housing Density	Total Acreage	Percent of Total Acreage
	<i>Not in WUI</i>	94,933.66	39.5%
	LT 1hs/40ac	31,521.27	13.1%
	1hs/40ac to 1hs/20ac	18,695.89	7.8%
	1hs/20ac to 1hs/10ac	27,333.31	11.4%
	1hs/10ac to 1hs/5ac	27,020.33	11.2%
	1hs/5ac to 1hs/2ac	26,835.69	11.2%
	1hs/2ac to 3hs/1ac	13,796.86	5.7%
	GT 3hs/1ac	346.27	0.1%
	Total	240,483.28	

Source: Southern Wildfire Risk Assessment

Figure A.5 depicts the WUI for Alamance County, including incorporated areas. The WUI is the area where housing development is built near or among areas of vegetation that may be prone to wildfire. Figure A.6 depicts Burn Probability based on landscape conditions, percentile weather, historical ignition patterns, and historical prevention and suppression efforts. Fire Intensity Scale, which indicates the potential severity of fire based on fuel loads, topography, and other factors, is depicted for Alamance County in Section 4 of this plan and detailed by jurisdiction in each community's annex.

WUI areas are distributed throughout the county with limited gaps. Burn probability is low throughout most of the county with clusters of moderate burn probability in southern Alamance County. A small portion of Alamance County, approximately 2.1 percent, may experience a Class 4 Fire Intensity, which poses significant harm or damage to life and property. Another 17 percent of the County may experience Class 3 Fire Intensity, which has potential for harm to life and property but is easier to suppress with dozer and plows. The remainder of the county is either non-burnable (18.8%) or would face a Class 1 or Class 2 Fire Intensity, which are easily suppressed.

Table A.14 provides building counts and estimated damages for Critical Infrastructure and Key Resources (CIKR) buildings by sector at risk to wildfire hazard. Table A.15 provides counts and estimated damages for High Potential Loss Properties in unincorporated Alamance County.

Table A.14 – Critical Facilities Exposed to Wildfire, Unincorporated Alamance County

Sector	Number of Buildings at Risk	Estimated Damages
Commercial Facilities	684	\$296,442,581
Critical Manufacturing	236	\$126,061,196
Emergency Services	10	\$4,478,978
Energy	5	\$29,647,708
Food and Agriculture	2,241	\$136,441,590
Government Facilities	80	\$86,387,428
Healthcare and Public Health	14	\$6,933,323
Transportation Systems	194	\$116,042,931
Water	18	\$49,956,475
All Categories	3,482	\$852,392,210

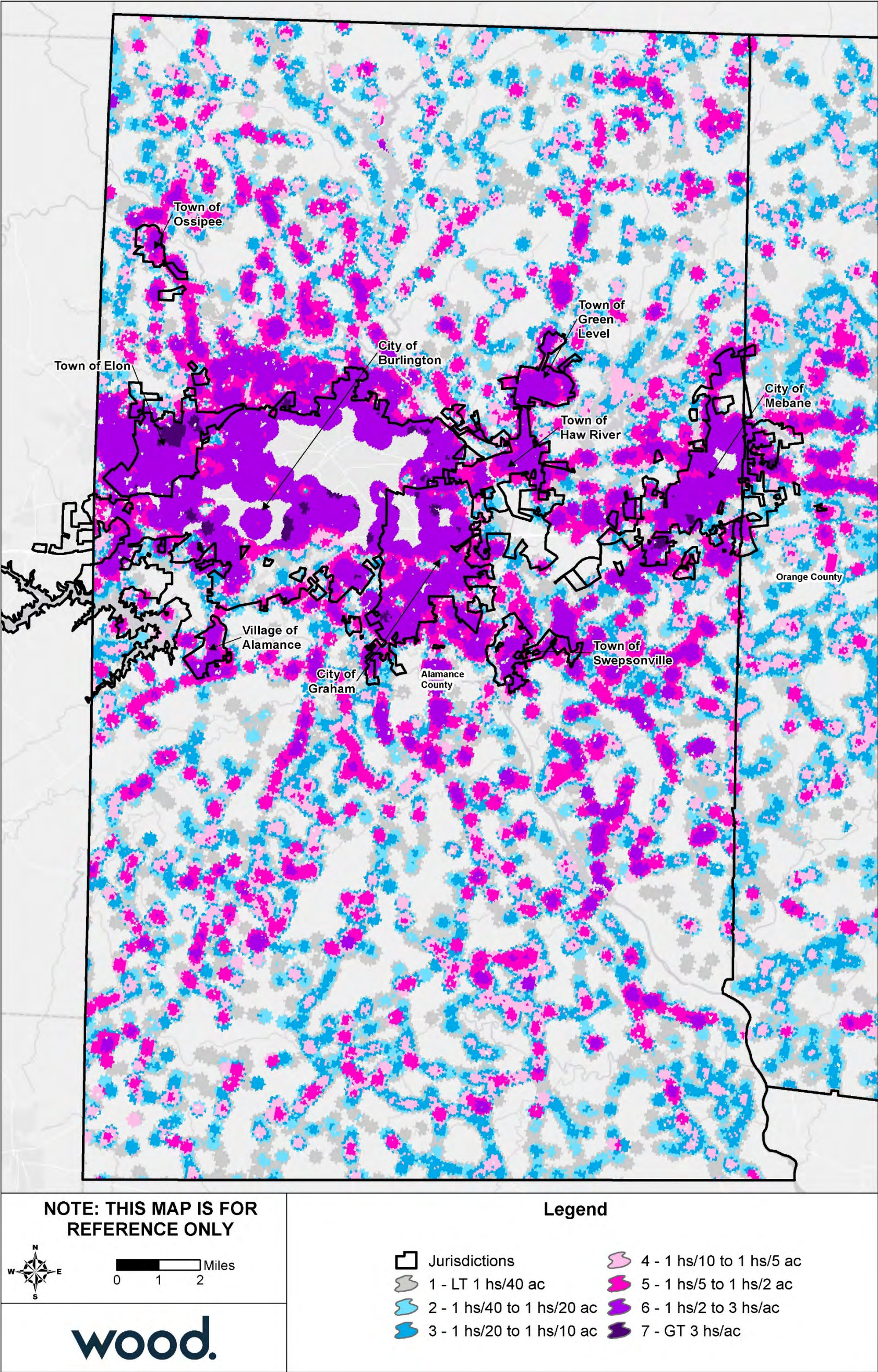
Source: NCEM Risk Management Tool

Table A.15 – High Potential Loss Properties Exposed to Wildfire, Unincorporated Alamance County

Category	Number of Buildings at Risk	Estimated Damages
Commercial	52	\$126,974,044
Government	22	\$68,872,536
Industrial	23	\$57,486,028
Religious	24	\$36,265,935
Residential	6	\$10,193,744
Utilities	16	\$76,993,676
All Categories	143	\$376,785,963

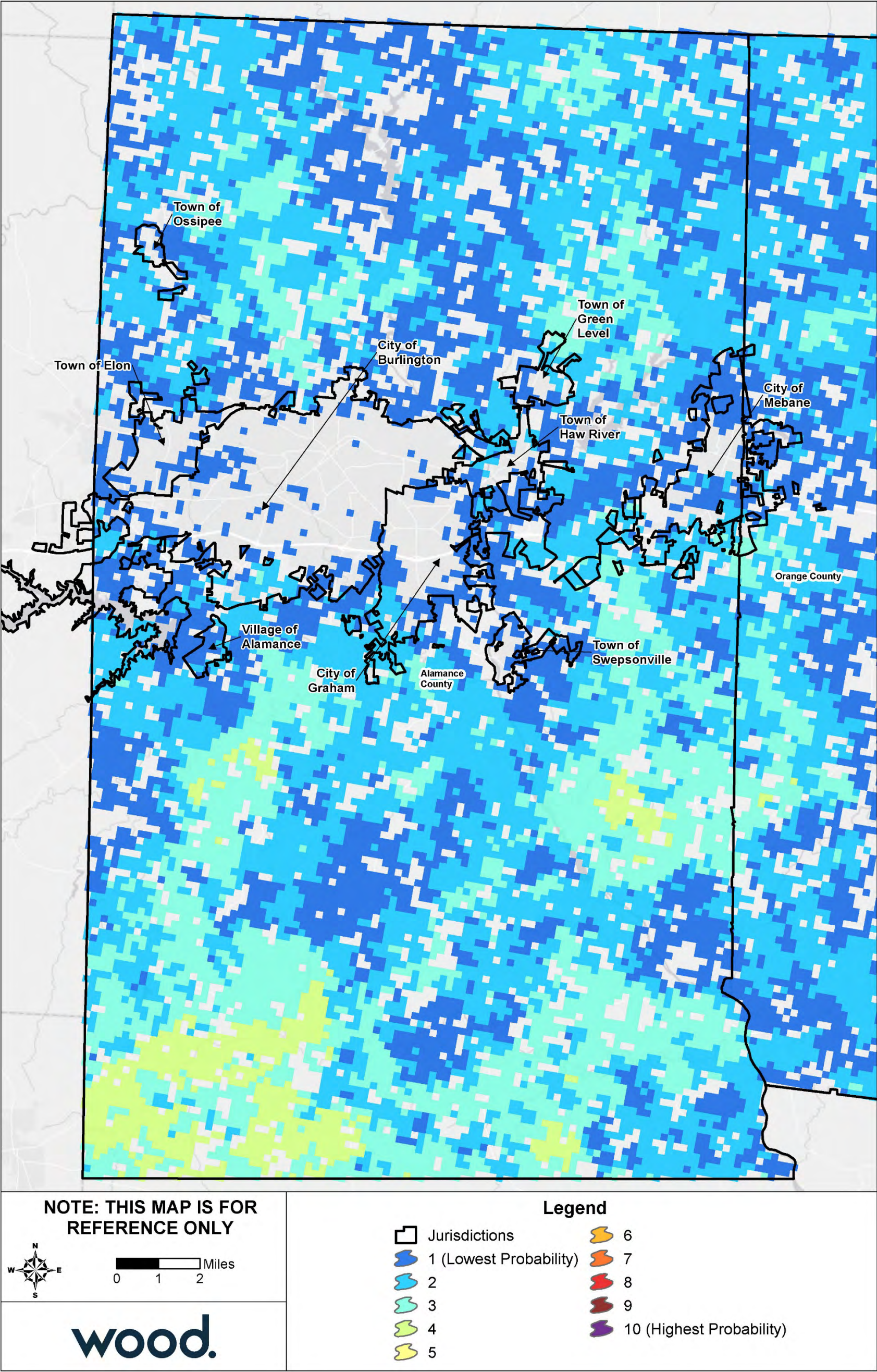
Source: NCEM Risk Management Tool

Figure A.5 – Wildland Urban Interface, Alamance County



Source: Southern Wildfire Risk Assessment

Figure A.6 – Burn Probability, Alamance County



Source: Southern Wildfire Risk Assessment

A.4 CAPABILITY ASSESSMENT

A.4.1 Overall Capability

Details on the tools and resources in place and available to Alamance County were provided by the County's HMPC representatives and are summarized in Section 5 Capability Assessment. Based on that information and using the scoring methodology detailed in that section, Alamance County has a high capability rating overall. The County could improve regulatory capability by developing a Post-Disaster Redevelopment Ordinance to plan and set mitigation requirements for post-disaster reconstruction. The County has strong administrative, fiscal, and outreach capability but limited structural mitigation experience.

A.4.2 Floodplain Management

Alamance County joined the NFIP emergency program in 1975 and has been a regular participant in the NFIP since December 1981. The following tables reflect NFIP policy and claims data for the County categorized by structure type, flood zone, Pre-FIRM and Post-FIRM.

Table A.16 – NFIP Policy and Claims Data by Structure Type

Structure Type	Number of Policies in Force	Total Premium	Insurance in Force	Number of Closed Paid Losses	Total of Closed Paid Losses
Single Family	35	\$26,324	\$9,280,900	33	\$454,947.05
2-4 Family	2	\$2,652	\$600,000	0	\$0.00
Non Residential	2	\$3,802	\$1,025,000	6	\$396,687.30
Total	39	\$32,778	\$10,905,900	39	\$851,634.35

Source: FEMA Community Information System, accessed May 2020

Table A.17 – NFIP Policy and Claims Data by Flood Zone

Flood Zone	Number of Policies in Force	Total Premium	Insurance in Force	Number of Closed Paid Losses	Total of Closed Paid Losses
A01-30 & AE Zones	12	\$17,625	\$2,288,000	31	\$743,069.66
A Zones	2	\$1,878	\$135,000	2	\$100,061.71
B, C & X Zone					
Standard	4	\$5,130	\$1,762,900	2	\$3,235.64
Preferred	21	\$8,145	\$6,720,000	1	\$0.00
Total	39	\$32,778	\$10,905,900	36	\$846,367.01

Source: FEMA Community Information System, accessed May 2020

Table A.18 – NFIP Policy and Claims Data Pre-FIRM

Flood Zone	Number of Policies in Force	Total Premium	Insurance in Force	Number of Closed Paid Losses	Total of Closed Paid Losses
A01-30 & AE Zones	7	\$13,036	\$1,295,200	28	\$692,586.50
A Zones	0	\$0	\$0	1	\$73,761.71
B, C & X Zone	9	\$4,284	\$2,582,900	2	\$3,235.64
Standard	3	\$2,081	\$762,900	2	\$3,235.64
Preferred	6	\$2,203	\$1,820,000	0	\$0.00
Total	16	\$17,320	\$3,878,100	31	\$769,583.85

Source: FEMA Community Information System, accessed May 2020

Table A.19 – NFIP Policy and Claims Data Post-FIRM

Flood Zone	Number of Policies in Force	Total Premium	Insurance in Force	Number of Closed Paid Losses	Total of Closed Paid Losses
A01-30 & AE Zones	5	\$4,589	\$992,800	3	\$50,483.16
A Zones	2	\$1,878	\$135,000	1	\$26,300.00
B, C & X Zone	16	\$8,991	\$5,900,000	1	\$0.00
Standard	1	\$3,049	\$1,000,000	0	\$0.00
Preferred	15	\$5,942	\$4,900,000	1	\$0.00
Total	23	\$15,458	\$7,027,800	5	\$76,783.16

Source: FEMA Community Information System, accessed May 2020

A.5 MITIGATION STRATEGY

Action #	Action Description	Applicable Jurisdictions	Hazard(s) Addressed	Goal & Objective Addressed	Priority	Lead Agency / Department	Potential Funding Source	Implementation Timeline	2020 Status	2020 Implementation Status Comments
Prevention										
P-1	Direct each County office of agency to assess how it can better incorporate hazard mitigation goals into its planning and implementation of its duties	Alamance County	All Hazards	1.2	Moderate	Alamance County Emergency Management	County	2020-2025	Carry forward	Each department is working on a COOP plan and they will address hazard mitigation goals and planning into their duties.
P-2	Maintain shelter agreements with the American Red Cross	Alamance County	All Hazards	2.2	Moderate	Alamance County Emergency Management	County	2020-2025	Carry forward	Alamance County has taken on the responsibilities of opening and maintaining shelters on their own. ARC will be used as a backup if need.
P-3	Review methods of school construction to ensure that all new schools are constructed to the maximum cost feasible standards of wind resistance, flood resistance, and access so that they can be used as shelters for evacuees during and after natural hazard events.	Alamance County	All Hazards	1.2	Moderate	Alamance County Inspections Department	General Fund	2020-2025	Carry forward	No progress made due to administrative limitations. Our Inspections department will follow all guidelines on new projects.
P-4	Review the subdivision regulations and make appropriate changes to encourage alternatives to placing lots in flood-prone areas and to minimize impervious surface coverings, if necessary.	Alamance County	Flood	1.2	Moderate	Alamance County Planning Department	General Fund	2020-2025	Carry forward	Planning is still working on this. No progress has been made due to limited staff resources.
P-5	Propose a policy to the Board of Commissioners prohibiting the development of critical public facilities in the 100-year floodplain in cases where viable alternatives exist. Presently, most critical facilities located in the floodplain are waste pump stations because they must be located at low elevations because the handle gravity flowing sewage.	Alamance County, Town of Green Level, Town of Swepsonville	Flood	1.2	Moderate	Alamance County Planning Department	General Fund	2020-2025	Carry forward	Planning is still working on this. No progress has been made due to limited staff reszources.
P-6	Develop specific regulations that prohibit dumping in the county's watersheds	Alamance County	Flood	1.1	Moderate	Alamance County Planning Department	Staff time	2020-2025	Carry forward	Planning is still working on this. No progress has been made due to limited staff resources.
P-7	When the county land use plan is complete, create a land use map with an overlay of flood hazards and any other natural hazards that can be mapped.	Alamance County	All Hazards	1.2	Moderate	Alamance County Emergency Management, Alamance County GIS Department	County	2020-2025	Carry forward	Land use study is still in progress. GIS planner will create this overlay when the land use study is completed. Where possible, local community land use mapping should be incorporated.
Property Protection										
PP-1	Look for opportunities to acquire or relocate structures vulnerable to floods	Alamance County	Flood	4.2	Low	Alamance County Emergency Management, Alamance County Planning Department	General Fund	2020-2025	New	EM monitors flood prone areas.
PP-2	Monitor structures affected by flood and track damages and repair costs. If damages and repair costs are high relative to the value of the structure, consider mitigation including elevation, acquisition, or floodproofing.	Alamance County	Flood	4.2	High	Alamance County Emergency Management, Alamance County Planning Department	General Fund	2020-2025	Carry forward	No progress was made on this project. The County will continue to monitor the county properties which are or may be impacted by flooding events.

ANNEX A: ALAMANCE COUNTY UNINCORPORATED AREAS

Action #	Action Description	Applicable Jurisdictions	Hazard(s) Addressed	Goal & Objective Addressed	Priority	Lead Agency / Department	Potential Funding Source	Implementation Timeline	2020 Status	2020 Implementation Status Comments
PP-3	Monitor recreational facilities located in the floodplain and evaluate flood resistance of county structures.	Alamance County	Flood	4.2	Moderate	Alamance County Planning Department	General Fund	2020-2025	Carry forward	No progress was made on this project. The County will monitor the county properties which are or may be impacted by flooding events.
PP-4	Monitor reservoirs for potential flooding problems and note any unexpected flooding issues.	Alamance County	Flood	4.2	High	Alamance County Emergency Management	N/A	2020-2025	Carry forward	No progress was made on this project. The County will coordinate with Municipal watershed owners and operators to monitor levels and control of the dams and gates for flooding.
Structural Projects										
SP-1	Seek funding to the retrofit of critical facilities and County-owned facilities for improved resilience to all hazards with the use of the latest building materials and technology. This could include, but is not limited to: wind retrofits, low water consumption fixtures, leak detectors, backup generators, ignition-resistant materials, lightning protection, hail resistant roofing, and anchoring fixed building equipment.	Alamance County	All Hazards	4.2	Moderate	Alamance County Buildings and Inspections Department, Alamance County Planning Department, Alamance County Emergency Management	State grants, UHMA grants, other federal grants	2020-2025	Carry forward	No progress was made on this project due to limited funding. Will evaluate resilience needs and look for grants and resource funding to retrofit county facilities.
SP-2	Seek funding for the installation of backup generators or quick connect hook ups for mobile generators on any newly constructed and existing county critical facilities.	Alamance County	All Hazards	4.2	Moderate	Alamance County Buildings and Inspections Department, Alamance County Planning Department, Alamance County Emergency Management	Local, State grants, UHMA grants, other federal grants	2020-2025	New	Work to install a spare transfer switch to one of our local shelters.
Emergency Services										
ES-1	Coordinate with the North Carolina Department of Transportation (NCDOT) to maintain adequate and effective snow and ice removal plans by the towns/cities and NCDOT. "Adequate" means that all major thoroughfares are cleared and remain clear within 12 hours of last snowfall.	Alamance County, Town of Green Level, Town of Haw River, Town of Swepsonville	Severe Winter Weather	2.2	Moderate	Alamance County Emergency Management	Staff time	2020-2025	Carry forward	Attended local area DOT meetings and gathered updates on their snow and ice removal plans to ensure that they can adequately treat and plow roads.
Public Education & Awareness										
PEA-1	Encourage builders, developers, and architects to become familiar with the National Flood Insurance Program (NFIP) land use and building standards by attending annual workshops presented by the North Carolina Division of Emergency Management (NCEM). This can be accomplished by creating a mailing list and providing it to NCEM to use for its announcements. This task can be further supported by distributing copies of NCEM's announcements from the Alamance County Inspections Department when builders and developers apply for permits.	Alamance County, Town of Green Level, Town of Haw River, Town of Swepsonville	Flood	2.1	Moderate	Alamance County Emergency Management	General Fund	2020-2025	Carry forward	No progress was made on this project due to limited staff resources.

ANNEX A: ALAMANCE COUNTY UNINCORPORATED AREAS

Action #	Action Description	Applicable Jurisdictions	Hazard(s) Addressed	Goal & Objective Addressed	Priority	Lead Agency / Department	Potential Funding Source	Implementation Timeline	2020 Status	2020 Implementation Status Comments
PEA-2	Encourage citizens and businesses/industries to develop emergency preparedness plans.	Alamance County, Town of Green Level	All Hazards	2.1	Moderate	Alamance County Emergency Management; Alamance County LEPC	LEPC	2020-2025	Carry forward	County EM has been working directly with local chemical facilities on developing Emergency Response Plans for 1st responder response.
PEA-3	Encourage homeowners to review insurance policies as part of an overall family disaster plan.	Alamance County	All Hazards	2.1	Moderate	Alamance County Emergency Management	N/A	2020-2025	Carry forward	No progress made on this project due to limited staff. Plan to add this to the Emergency Management website
PEA-4	Increase awareness of the natural hazards potential to local officials, the general public, and private industry.	Alamance County	All Hazards	2.1	Moderate	Alamance County Emergency Management	N/A	2020-2025	Carry forward	We have shared information via our website pertaining to preparation and planning for disasters.
PEA-5	Discourage the public and developers from developing property in flood zones.	Alamance County	Flood	1.2	Moderate	Alamance County Planning Department	General Fund	2020-2025	Carry forward	No progress made on this project due to limited staff.
PEA-6	Maintain documents about flood insurance, flood protections, floodplain management, and natural and beneficial functions of floodplains at the local libraries and government offices.	Alamance County	Flood	2.1	Moderate	Alamance County Planning Department	General Fund	2020-2025	Carry forward	No progress made on this project due to limited staff.
PEA-7	Maintain GIS system at www.alamance-nc.com . From this site anyone from a private citizen, builder, insurance company, etc. can see if a property is located in the 1-percent-annual-chance (100-year) floodplain.	Alamance County, Town of Haw River, Town of Ossipee, Town of Swepsonville, Village of Alamance	Flood	2.1	Moderate	Alamance County GIS Department	General Fund	2020-2025	Carry forward	The County Land Use plan is in progress and a land-use GIS layer is expected as a deliverable once the plan is complete.
PEA-8	Provide local real estate agents with handouts that will advise potential buyers to investigate the flood hazard for the property they are considering purchasing.	Alamance County,	Flood	2.1	Moderate	Alamance County Planning Department	Unknown	2020-2025	Carry forward	In Progress. Implementation delayed due to limited staff resources.
PEA-9	Educate citizens to listen for the watches and warnings issued by the National Weather Service	Alamance County, Town of Green Level, Town of Haw River, Town of Ossipee, Village of Alamance	All Hazards	2.2	Moderate	Alamance County Emergency Management	County	2020-2025	Carry forward	The County has utilized our website and social media outlets to share information to the public and local municipalities on listening to and having a warning system in the home. The County is now working with hearing impaired and distributing hearing impaired weather alert radios devices to those who request them.
PEA-10	Maintain Alamance County Communications' capability to monitor weather conditions and advise all emergency services regarding watches and warnings.	Alamance County,	Flood	2.2	Moderate	Alamance County Emergency Management	County	2020-2025	Carry forward	We have updated our Nixle alert system and are promoting personnel to sign up for the service. Will continue to monitor and push weather information to PSAP's and other Emergency Services in the county to keep them aware of impending weather.