

■ <http://www.xml-cml.org/>

• How well known is the INChI format?

■ [http://www.iupac.org/publications/ci/2001/may/project\\_2000-025-1-050.html](http://www.iupac.org/publications/ci/2001/may/project_2000-025-1-050.html)

■ <http://www.iupac.org/projects/2000/2000-025-1-800.html#clip>

13. What is the state of the art for chemical drawings?

■ <http://www.iupac.org/publications/ci/2002/2404/XML.html>

#### H. Questions Pertaining to the USPTO Receipt of Chemistry Structure Files

1. Chemical structure data received by the USPTO varies widely in size. Should the USPTO require that all chemical structure files greater than a certain size be submitted in electronic media only?

2. Should the USPTO require submission in electronic format at the time of filing, or, if a paper copy is filed, permit the electronic submission to be filed later (with a statement indicating that the electronic version is the same as the version originally filed)?

3. Should the rules be revised to specify that chemical structure data, if a paper copy is supplied, is to appear in a special section, e.g., between the specification and the Sequence Listing, or as part of the drawings?

4. Chemical structures are often presented in the specification and claims in Markush format wherein a basic structure is defined, but portions thereof are variable. Are there drawing tools available that accurately render these types of structures? If not, what approach should the USPTO take to ensure that the data submitted appropriately reflects the invention described or claimed in the patent application. For example, the USPTO could require: An "exemplary" drawing at the time of filing; a drawing at the time of a restriction election, e.g., a single embodiment of a Markush claim; or, possibly multiple drawings.

5. The USPTO needs to have certain data associated with files. Since there is no annotation data in chemical drawing files, should the USPTO require a "read me" text file to accompany the drawing file? Should the title of the file be the name of the drawing?

#### I. Question Pertaining to the Use of Chemistry Structure Files by the USPTO Examiners/STIC Personnel

If a chemical structure drawing were required at the time of filing, how often might it have so many variables (that may be subject to a restriction/election requirement) that it cannot be effectively searched? If this is likely to

be problematic, how can the USPTO effectively require submission of a representative drawing to be searched and, possibly, published?

#### J. Questions Pertaining to Chemistry Structure File Export to a Public Database Partner

1. Should the USPTO send chemical structure data files to a public database partner? If so, which one(s)?

2. Should the USPTO export data to CAS for inclusion in the Registry file? What about other private providers?

• <http://www.cas.org/EO/regsys.html>

#### K. Question Pertaining to the USPTO Publication of Chemistry Structure Files

1. Should all chemistry structure files be posted on the USPTO's Publication Site for Issued and Published Sequences (PSIPS; <http://seqdata.uspto.gov/>), or should the chemistry drawing be published with the TIFF images of the patent application publication or patent grant?

#### L. Question Pertaining to Chemistry Structure File Export to the USPTO Customers

1. Should we change the drawing files that are sent to the USPTO customers?

• Currently, .cdx, .mol, and TIFF versions are present (**Note:** common to Patent and Trademark Applications)

Dated: June 15, 2005.

**Jon W. Dudas,**

*Under Secretary of Commerce for Intellectual Property and Director of the United States Patent and Trademark Office.*

[FR Doc. 05-12199 Filed 6-20-05; 8:45 am]

**BILLING CODE 3510-16-P**

## DEPARTMENT OF HOMELAND SECURITY

### Federal Emergency Management Agency

#### 44 CFR Part 67

[Docket No. FEMA-D-7622]

#### Proposed Flood Elevation Determinations

**AGENCY:** Federal Emergency Management Agency (FEMA), Emergency Preparedness and Response Directorate, Department of Homeland Security.

**ACTION:** Proposed rule.

**SUMMARY:** Technical information or comments are requested on the proposed Base (1% annual chance) Flood Elevations (BFEs) and proposed BFE modifications for the communities listed below. The BFEs are the basis for

the floodplain management measures that the community is required either to adopt or to show evidence of being already in effect in order to qualify or remain qualified for participation in the National Flood Insurance Program (NFIP).

**DATES:** The comment period is ninety (90) days following the second publication of this proposed rule in a newspaper of local circulation in each community.

**ADDRESSES:** The proposed BFEs for each community are available for inspection at the office of the Chief Executive Officer of each community. The respective addresses are listed in the table below.

#### FOR FURTHER INFORMATION CONTACT:

Doug Bellomo, P.E., Hazard Identification Section, Emergency Preparedness and Response Directorate, FEMA, 500 C Street SW., Washington, DC 20472, (202) 646-2903.

**SUPPLEMENTARY INFORMATION:** FEMA proposes to make determinations of BFEs and modified BFEs for each community listed below, in accordance with section 110 of the Flood Disaster Protection Act of 1973, 42 U.S.C. 4104, and 44 CFR 67.4(a).

These proposed base flood elevations and modified BFEs, together with the floodplain management criteria required by 44 CFR 60.3, are the minimum that are required. They should not be construed to mean that the community must change any existing ordinances that are more stringent in their floodplain management requirements. The community may at any time enact stricter requirements of its own, or pursuant to policies established by other Federal, state or regional entities. These proposed elevations are used to meet the floodplain management requirements of the NFIP and are also used to calculate the appropriate flood insurance premium rates for new buildings built after these elevations are made final, and for the contents in these buildings.

*National Environmental Policy Act.*

This proposed rule is categorically excluded from the requirements of 44 CFR part 10, Environmental Consideration. No environmental impact assessment has been prepared.

*Regulatory Flexibility Act.* The Mitigation Division Director of the Emergency Preparedness and Response Directorate certifies that this proposed rule is exempt from the requirements of the Regulatory Flexibility Act because proposed or modified BFEs are required by the Flood Disaster Protection Act of 1973, 42 U.S.C. 4105, and are required

to establish and maintain community eligibility in the NFIP. As a result, a regulatory flexibility analysis has not been prepared.

*Regulatory Classification.* This proposed rule is not a significant regulatory action under the criteria of Section 3(f) of Executive Order 12866 of September 30, 1993, Regulatory Planning and Review, 58 FR 51735.

*Executive Order 12612, Federalism.* This proposed rule involves no policies that have federalism implications under

Executive Order 12612, Federalism, dated October 26, 1987.

*Executive Order 12778, Civil Justice Reform.* This proposed rule meets the applicable standards of Section 2(b)(2) of Executive Order 12778.

**List of Subjects in 44 CFR Part 67**

Administrative practice and procedure, Flood insurance, Reporting and recordkeeping requirements.

Accordingly, 44 CFR part 67 is proposed to be amended as follows:

**PART 67—[AMENDED]**

1. The authority citation for part 67 continues to read as follows:

**Authority:** 42 U.S.C. 4001 et seq.; Reorganization Plan No. 3 of 1978, 3 CFR, 1978 Comp., p. 329; E.O. 12127, 44 FR 19367, 3 CFR, 1979 Comp., p. 376.

**§ 67.4 [Amended]**

2. The tables published under the authority of § 67.4 are proposed to be amended as follows:

Source of flooding	Location	#Depth in feet above ground.		Communities affected	
		*Elevation in feet (NGVD)	•Elevation in feet (NAVD)		
		Existing	Modified		
<b>NORTH CAROLINA</b>					
<b>Dare County</b>					
Atlantic Ocean .....	Approximately 1,500 feet south of the intersection of Lighthouse Road and Cape Point Campground Road.	•6	•5	Dare County (Unincorporated Areas), and Towns of Duck, Kill Devil Hills, Kitty Hawk, Manteo, Nags Head, and Southern Shores.	
	Approximately 1,600 feet northeast of the intersection of State Route 12 and Baum Trail.	•17	•15		
Roanoke Sound .....	At the intersection of Cedar Drive and Captains Lane ..	•8	•9	Dare County (Unincorporated Areas), Towns of Kill Devil Hills, and Nags Head.	
	Approximately 500 feet east of the intersection of Sailfish Drive and Sailfish Court.	•9	•12		
Pamlico Sound .....	Along Oregon Inlet Channel, west of State Route 12 ...	•8	•9	Dare County (Unincorporated Areas).	
	Approximately 1,750 feet north of the intersection of Mail Landing Lane State Route 12.	•7	•12		
Croatan Sound .....	Southeast corner of U.S. Route 264 and Old Ferry Dock Road.	•6	•5	Dare County (Unincorporated Areas).	
	Approximately 0.7 mile northeast of the intersections of Hassell Road and Shipyard Road.	•7	•8		
Currituck Sound .....	Approximately 500 feet west of the intersection of North Dune Loop and Sound View Trail.	•6	•7	Dare County (Unincorporated Areas), Towns of Duck and Southern Shores.	
	Approximately 0.9 mile west of the intersection of Baum Trail and State Route 12.	•6	•9		

*Dare County (Unincorporated Areas)*

Maps available for inspection at the Dare County Justice Center, Tax Mapping Department, 211 Budleigh Street, Manteo, North Carolina. Send comments to Mr. Terry Wheeler, Dare County Manager, P.O. Box 1000, Manteo, North Carolina 27954.

*Town of Duck*

Maps available for inspection at the Town of Duck Planning and Zoning Department, 1240 Duck Road, Duck, North Carolina. Send comments to Mr. Chris Layton, Duck Town Manager, P.O. Box 8369, Duck, North Carolina 27949.

*Town of Kill Devil Hills*

Maps available for inspection at the Town of Kill Devil Hills Planning and Building Directors Office, 102 Town Hall Drive, Kill Devil Hills, North Carolina.

Send comments to The Honorable Sherry Rollinson, Mayor of the Town of Kill Devil Hills, P.O. Box 1719, Kill Devil Hills, North Carolina 27948.

*Town of Kitty Hawk*

Maps available for inspection at the Kitty Hawk Town Hall, 101 Veterans Memorial Drive, Kitty Hawk, North Carolina. Send comments to Mr. Gary McGee, Kitty Hawk Town Manager, P.O. Box 549, Kitty Hawk, North Carolina 27949.

*Town of Manteo*

Maps available for inspection at the Manteo Town Hall, 407 Budleigh Street, Manteo, North Carolina.

Send comments to Mr. Kermit Skinner, Jr., Manteo Town Manager, P.O. Box 246, Manteo, North Carolina 27954.

*Town of Nags Head*

Maps available for inspection at the Town of Nags Head Planning Department, 5401 South Croatan Highway, Nags Head, North Carolina.

Send comments to Mr. J. Webb Fuller, Nags Head Town Manager, P.O. Box 99, Nags Head, North Carolina 27959.

*Town of Southern Shores*

Maps available for inspection at the Town of Southern Shores Building Inspections Department, 6 Skyline Road, Southern Shores, North Carolina.

Source of flooding	Location	#Depth in feet above ground. *Elevation in feet (NGVD) •Elevation in feet (NAVD)		Communities affected
		Existing	Modified	

Send comments to Mr. Carl Classen, Southern Shores Town Manager, 6 Skyline Road, Southern Shores, North Carolina 27949.

**NORTH CAROLINA  
Durham County**

New Hope River .....	At downstream county boundary .....	None	•238	Durham County (Unincorporated Areas).
Little Creek .....	At the confluence of Little Creek and New Hope Creek	None	•238	Durham County (Unincorporated Areas), City of Durham.
	At the confluence with New Hope River .....	None	•238	
New Hope Creek .....	At upstream county boundary .....	None	•246	Durham County (Unincorporated Areas), City of Durham.
	At the confluence with New Hope River .....	None	•238	
Crooked Creek (Cape Fear)	Approximately 0.3 mile downstream of Old Chapel Hill Road.	None	•247	Durham County (Unincorporated Areas), City of Durham.
	At the downstream Chatham/Durham County boundary	None	•239	
Northeast Creek .....	Approximately 750 feet upstream of Ebon Road .....	None	•350	Durham County (Unincorporated Areas), City of Durham.
	Approximately 1,300 feet east from the intersection of railroad along the Durham/Chatham County boundary.	None	•239	
Northeast Creek Tributary 2	Approximately 125 feet upstream of So-hi Drive .....	None	•304	Durham County (Unincorporated Areas).
	At the confluence with Northeast Creek .....	•287	•286	
Third Fork Creek .....	Approximately 300 feet downstream of Moore Drive ....	None	•312	City of Durham.
	Approximately 800 feet downstream of Highway 751 ...	•241	•238	
	Approximately 800 feet upstream of East Forest Hill Plaza.	•308	•312	
Gum Creek .....	At the confluence with new Hope Creek .....	None	•238	Durham County (Unincorporated Areas), City of Durham.
Burdens Creek .....	Approximately 900 feet downstream of Abron Drive ....	None	•254	Durham County (Unincorporated Areas), City of Durham.
	At the confluence with Northeast Creek .....	•251	•249	
Northeast Creek North Prong.	Approximately 0.6 mile upstream of East Cornwallis Road.	None	•336	City of Durham.
	At the confluence with Northeast Creek .....	•270	•267	
Burdens Creek Tributary 4	Approximately 0.2 mile upstream of NC Highway 55 ....	•330	•332	Durham County (Unincorporated Areas), City of Durham.
	At the confluence with Burdens Creek .....	None	•278	
Rocky Creek .....	Approximately 850 feet upstream of East Cornwallis Road.	None	•346	City of Durham.
	At the confluence with Third Fork Creek .....	•283	•286	
Morgan Creek .....	At downstream side of South Briggs .....	•329	•326	Durham County (Unincorporated Areas), City of Durham.
	Approximately 1,000 feet downstream of Old Farrington Point Road.	None	•238	
Stirrup Iron Creek Tributary C-2.	At the Durham/Orange County boundary .....	None	•250	Durham County (Unincorporated Areas).
	At the confluence with Stirrup Iron Creek Tributary C ...	None	•368	
Buffalo Creek Tributary 1 ...	Approximately 750 feet upstream of the confluence with Stirrup Iron Creek Tributary C.	None	•375	Durham County (Unincorporated Areas).
	At the confluence with Buffalo Creek (into North Fork Little River).	None	•494	
Buffalo Creek Tributary 2 ...	Approximately 0.3 mile upstream of the confluence with Buffalo Creek (into North Fork Little River).	None	•538	Durham County (Unincorporated Areas).
	At the confluence with Buffalo Creek (into North Fork Little River).	None	•524	
Camp Creek Tributary 4 .....	At the Durham/Orange County .....	None	•528	Durham County (Unincorporated Areas).
	At the confluence with Camp Creek .....	None	•494	
Crooked Creek Tributary 1	At the Durham/Person County boundary .....	None	•504	Durham County (Unincorporated Areas).
	At the confluence with Crooked Creek .....	None	•256	

Source of flooding	Location	#Depth in feet above ground. *Elevation in feet (NGVD) •Elevation in feet (NAVD)		Communities affected
		Existing	Modified	
Crooked Creek (into Eno River) Tributary 1.	Approximately 0.5 mile upstream of the confluence with Crooked Creek.	None	•282	Durham County (Unincorporated Areas), City of Durham.
	At the confluence with Crooked Creek .....	•395	•393	
Crooked Creek Tributary 1A.	Approximately 375 feet upstream of Milton Road .....	None	•482	Durham County (Unincorporated Areas).
	At the confluence with Crooked Creek Tributary 1 .....	None	•428	
Ellerbe Creek Tributary 4 ...	Approximately 0.4 mile upstream of the confluence with Crooked Creek.	None	•466	Durham County (Unincorporated Areas).
	At the confluence with Ellerbe Creek .....	None	•263	
Eno River Tributary 7 .....	Approximately 1.2 miles upstream of the confluence with Ellerbe Creek.	None	•329	Durham County (Unincorporated Areas).
	At the confluence with Eno River Tributary .....	None	•280	
Eno River Tributary 8 .....	Approximately 0.3 mile upstream of the confluence with Eno River.	None	•297	Durham County (Unincorporated Areas).
	At the confluence with Eno River Tributary .....	None	•285	
Eno River Tributary 9 .....	Approximately 700 feet upstream of railroad .....	None	•305	Durham County (Unincorporated Areas), City of Durham.
	At the confluence with Eno River .....	•328	•327	
Flat River Tributary 6 .....	Approximately 375 feet upstream of Umstead Road .....	None	•434	Durham County (Unincorporated Areas).
	At the confluence with Flat River .....	None	•347	
Flat River Tributary 7 .....	Approximately 500 feet upstream of Patrick Road .....	None	•499	Durham County (Unincorporated Areas).
	At the confluence with Flat River .....	None	•392	
Flat River Tributary 8 .....	Approximately 950 feet upstream of State Forest Road	None	•521	Durham County (Unincorporated Areas).
	At the confluence with Flat River .....	None	•410	
Knap of Reeds Creek Tributary 2.	Approximately 0.9 mile upstream of the confluence with Flat River.	None	•452	Town of Butner.
	At the confluence with Knap of Reeds Creek Tributary	None	•343	
Little Brier Creek Tributary 1.	Approximately 0.6 mile upstream of the confluence with Knap of Reeds Creek Tributary.	None	•399	Durham County (Unincorporated Areas).
	At the confluence with Little Brier Creek (Basin 18, Stream 15).	None	•355	
Little Brier Creek Tributary 2.	Approximately 0.6 mile upstream of confluence with Little Brier Creek (Basin 18 Stream 15).	None	•384	Durham County (Unincorporated Areas).
	At the confluence with Little Brier Creek (Basin 18, Stream 15).	None	•372	
Little Lick Creek Tributary 3A.	Approximately 1,514 feet upstream of the confluence with Little Brier Creek (Basin 18, Stream 15).	None	•402	Durham County (Unincorporated Areas).
	At the confluence with Little Lick Creek Tributary 3 .....	None	•286	
Little River Tributary .....	Approximately 250 feet upstream of Rocky Creek Road.	None	•306	Durham County (Unincorporated Areas).
	At the confluence with Little River Tributary 4 .....	None	•432	
Little River Tributary 5 .....	Approximately 425 feet upstream of Milton Road .....	None	•481	Durham County (Unincorporated Areas).
	At the confluence with Little River Tributary 1 .....	None	•485	
Little River Tributary 6 .....	Approximately 0.2 mile upstream of Redpine Road .....	None	•536	Durham County (Unincorporated Areas).
	At the confluence with Little River Tributary 1 .....	None	•487	
Little River Tributary 7 .....	Approximately 0.7 mile upstream of Dunnegan Road ...	None	•543	Durham County (Unincorporated Areas).
	At the confluence with Little River Tributary 2 .....	None	•385	
Mountain Creek Tributary 1	Approximately 0.5 mile upstream of the confluence with Little River Tributary 2.	None	•424	Durham County (Unincorporated Areas).
	At the confluence with Mountain Creek .....	None	•409	
	Approximately 0.7 mile upstream of the confluence with Mountain Creek.	None		

Source of flooding	Location	#Depth in feet above ground. *Elevation in feet (NGVD) •Elevation in feet (NAVD)		Communities affected
		Existing	Modified	
Mountain Creek Tributary 2	At the confluence with Mountain Creek .....	None	•440	Durham County (Unincorporated Areas).
	Approximately 0.5 mile upstream of the confluence with Mountain Creek.	None	•499	
Mountain Creek Tributary 2A.	At the confluence with Mountain Creek Tributary 2 .....	None	•450	Durham County (Unincorporated Areas).
	Approximately 0.3 mile upstream of the confluence with Mountain Creek Tributary 2.	None	•488	
Mountain Creek Tributary 3	At the confluence with Mountain Creek .....	None	•444	Durham County (Unincorporated Areas).
	Approximately 0.5 mile upstream of the confluence with Mountain Creek.	None	•517	
Mountain Creek Tributary 4	At the confluence with Mountain Creek .....	None	•457	Durham County (Unincorporated Areas).
	Approximately 0.8 mile upstream of the confluence with Mountain Creek.	None	•509	
Mountain Creek Tributary 4A.	At the confluence with Mountain Creek Tributary 4 .....	None	•466	Durham County (Unincorporated Areas).
	Approximately 0.6 mile upstream of the confluence with Mountain Creek Tributary 4.	None	•505	
Mountain Creek Tributary 5	At the confluence with Mountain Creek .....	None	•457	Durham County (Unincorporated Areas).
	Approximately 500 feet upstream of Hopkins Road .....	None	•513	
North Fork Little River Tributary 2.	At the confluence with North Fork Little River .....	None	•474	Durham County (Unincorporated Areas).
	Approximately 0.5 mile upstream of the confluence with North Fork Little River at the Durham/Orange County boundary.	None	•505	
Panther Creek Tributary 1 ..	At the confluence with Panther Creek .....	None	•316	Durham County (Unincorporated Areas).
	Approximately 0.6 mile upstream of the confluence with Panther Creek.	None	•368	
Panther Creek Tributary 2 ..	At the confluence with Panther Creek Tributary 1 .....	None	•316	Durham County (Unincorporated Areas).
	Approximately 0.4 mile upstream of the confluence with Panther Creek Tributary 1.	None	•361	
Rocky Creek Tributary 1 ....	At the confluence with Rocky Creek .....	None	•402	Durham County (Unincorporated Areas), Town of Butner.
	Approximately 500 feet upstream of Range Road .....	None	•454	
Rocky Creek Tributary 2 ....	At the confluence with Rocky Creek .....	None	•408	Town of Butner.
	Approximately 0.3 mile upstream of the confluence with Rocky Creek.	None	•445	
Rocky Branch Tributary 1 ..	At the confluence with Rocky Branch .....	None	•298	Durham County (Unincorporated Areas).
	Approximately 0.3 mile upstream of the confluence with Rocky Branch.	None	•322	
Sevenmile Creek Tributary 1.	At the confluence with Sevenmile Creek .....	•461	•462	Durham County (Unincorporated Areas).
	Approximately 1.5 miles upstream of the confluence with Sevenmile Creek.	None	•596	
Stirrup Iron Creek Tributary A-1.	At the confluence with Stirrup Iron Creek Tributary A ...	None	•356	City of Durham.
	Approximately 175 feet upstream of Cherry Blossom Drive.	None	•393	
Stirrup Iron Creek Tributary B-1.	At the confluence with Stirrup Iron Creek Tributary B ...	None	•359	Durham County (Unincorporated Areas).
	Approximately 0.4 miles upstream of the confluence with Stirrup Iron Creek Tributary B.	None	•381	
Stirrup Iron Creek Tributary C-1.	At the confluence with Stirrup Iron Creek Tributary C ...	None	•356	Durham County (Unincorporated Areas), City of Durham.
	Approximately 0.3 mile upstream of the confluence with Stirrup Iron Creek Tributary C.	None	•376	
Flat River Tributary 4 .....	Approximately 1,500 feet upstream of Quail Roost Road.	None	•481	Durham County (Unincorporated Areas).
	Approximately 0.7 mile upstream of Quail Roost Road	None	•513	

Source of flooding	Location	#Depth in feet above ground. *Elevation in feet (NGVD) •Elevation in feet (NAVD)		Communities affected
		Existing	Modified	
Stirrup Iron Creek Tributary C.	Approximately 0.6 mile upstream of Evans Road .....	None	•375	Durham County (Unincorporated Areas), City of Durham.
	Approximately 0.5 mile upstream of Roche Drive .....	None	•377	

*Town of Butner*

Maps available for inspection at the Butner Town Hall, 205C West E Street, North Carolina.

Send comments to Mr. Tom McGee, Butner Town Manager, 205 C West E Street, Butner, North Carolina 27509.

*City of Durham*

Maps available for inspection at the City of Durham Public Works Department, Stormwater Services Division, 101 City Hall Plaza, Durham, North Carolina.

Send comments to The Honorable William Bell, Mayor of the City of Durham, 101 City Hall Plaza, Durham, North Carolina 27701.

*Durham County (Unincorporated Areas)*

Maps available for inspection at the City of Durham Public Works Department, Stormwater Services Division, 101 City of Hall Plaza, Durham, North Carolina.

Send comments to Mr. Michael Ruffin, Durham County Manager, 200 East Main Street, 2nd Floor, Old Courthouse, Durham, North Carolina 27701.

**NORTH CAROLINA  
New Hanover County**

Burnt Mill Creek .....	Approximately 500 feet upstream of railroad .....	•8	•8	City of Wilmington.
	Approximately 1,425 feet upstream of Varsity Drive .....	None	•37	
Mott Creek .....	Just upstream of South College Road .....	None	•22	New Hanover County (Unincorporated Areas).
Mott Creek Tributary 1 .....	Approximately 0.2 mile upstream of Long Eagle Court	None	•27	New Hanover County (Unincorporated Areas).
	At the confluence with Mott Creek .....	•11	•13	
Smith Creek .....	Approximately 300 feet downstream of Carolina Beach Road.	•11	•15	New Hanover County (Unincorporated Areas).
	Approximately 1,225 feet downstream of the confluence of Kings Grant Tributary.	•8	•9	
Spring Branch .....	Approximately 300 feet upstream of Dove Field Road ..	None	•38	New Hanover County (Unincorporated Areas), City of Wilmington.
	Approximately 0.3 mile upstream of North Kerr Avenue	•9	•8	
Bradley Creek Tributary 1 ..	Approximately 0.4 mile upstream of Martin Luther King Jr. Parkway.	None	•31	City of Wilmington.
	Approximately 60 feet upstream of Eastwood Road .....	None	•18	
Island Creek .....	Approximately 0.2 mile upstream of Eastwood Road .....	None	•18	New Hanover County (Unincorporated Areas).
	Just downstream of Sidbury Road .....	None	•19	
Prince George Creek Tributary 3.	Approximately 1.2 miles upstream of Sidbury Road .....	None	•24	New Hanover County (Unincorporated Areas).
	Approximately 500 feet upstream of the confluence with Prince George Creek.	•20	•21	
Murrayville Tributary .....	Approximately 0.6 mile upstream of Sidbury Road .....	None	•34	New Hanover County (Unincorporated Areas).
	Approximately 0.2 mile upstream of Murrayville Road ..	None	•26	
Ness Creek .....	Approximately 1.0 mile upstream of North College Road.	None	•36	New Hanover County (Unincorporated Areas).
	Approximately 2.0 miles upstream of the confluence with Northeast Cape Fear River.	•9	•8	
Ness Creek Tributary 2 .....	Approximately 1,900 feet upstream of Todd Avenue .....	None	•32	New Hanover County (Unincorporated Areas).
	At the confluence with Ness Creek .....	•17	•26	
Prince George Creek .....	Just upstream of the Caladan Road .....	•17	•31	New Hanover County (Unincorporated Areas).
	Just upstream of Castle Hayne Road .....	•11	•10	
Pumkin Creek .....	Just downstream of Sidbury Road .....	•27	•28	New Hanover County (Unincorporated Areas).
	Approximately 500 feet upstream of the confluence with Prince George Creek.	•15	•14	
Wildcat .....	Approximately 500 feet upstream of Juvenile Center Road.	None	•31	New Hanover County (Unincorporated Areas).
	Approximately 0.5 mile upstream of the confluence with Northeast Cape Fear River Tributary 2.	•8	•9	
	Just upstream of Blue Clay Road .....	None	•27	

Source of flooding	Location	#Depth in feet above ground. *Elevation in feet (NGVD) •Elevation in feet (NAVD)		Communities affected
		Existing	Modified	
Atlantic Ocean/Intracoastal Waterway.	Approximately 750 feet northeast of the intersection of U.S Route 421 North Lake Park Boulevard and Spencer Farlow Drive.	•9	•10	New Hanover County (Unincorporated Areas), Town of Carolina Beach, Town of Kure Beach, City of Wilmington, Town of Wrightsville Beach.
	Approximately 1,000 feet south of the intersection of Jack Parker Boulevard and South Lumina Avenue.	•16	•19	
Cape Fear River .....	Approximately 0.6 mile upstream of the New Hanover/Pender/Brunswick County boundary.	•7	•8	New Hanover County (Unincorporated Areas).
	At the New Hanover/Pender/Brunswick County boundary.	•7	•9	

*Town of Carolina Beach*

Maps available for inspection at the Carolina Beach Town Hall, Planning Department, 1121 North Lake Park Boulevard, Carolina Beach, North Carolina.

Send comments to the Honorable Dennis Barbour, Mayor of the Town of Carolina Beach, 1121 North Lake Park Boulevard, Carolina Beach, North Carolina 28428.

*Town of Kure Beach*

Maps available for inspection at the Kure Beach Town Hall, 117 Settlers Lane, Kure Beach, North Carolina.

Send comments to the Honorable Betty Medlin, Mayor of the Town of Kure Beach, 117 Settlers Lane, Kure Beach, North Carolina 28449.

*New Hanover County (Unincorporated Areas)*

Maps available for inspection at the New Hanover County Inspections Department, Market Place Mall, 230 Market Place Drive, Suite 110, Wilmington, North Carolina.

Send comments to Mr. Allen O'Neal, New Hanover County Manager, 320 Chestnut Street, Room 502, Wilmington, North Carolina 28401-4093.

*City of Wilmington*

Maps available for inspection at the Wilmington City Hall, Zoning Department, 102 North 3rd Street, Wilmington, North Carolina.

Send comments to the Honorable Spence H. Broadhurst, Mayor of the City of Wilmington, 102 North 3rd Street, Wilmington, North Carolina 28402.

*Town of Wrightsville Beach:*

Maps available for inspection at the Wrightsville Beach Town Hall, Planning Department, 321 Causeway Drive, Wrightsville Beach, North Carolina.

Send comments to Ms. Andrea Surratt, Wrightsville Beach Town Manager, 321 Causeway Drive, Wrightsville Beach, North Carolina 28480.

**NORTH CAROLINA  
Orange County**

Toms Creek (Apple Pond)	At the confluence with Cane Creek .....	None	•501	Orange County (Unincorporated Areas).
	Approximately 1,800 feet upstream of Nicks Creek .....	None	•558	
Turkey Hill Creek .....	At the confluence with Cane Creek .....	None	•512	Orange County (Unincorporated Areas).
		Approximately 3.1 miles upstream of Bradshaw Quarry Road.	None	
Cane Creek .....	Approximately 1,000 feet upstream of the confluence with Haw River.	None	•418	Orange County (Unincorporated Areas).
		Approximately 125 feet upstream of Borland Road .....	None	
Cane Creek Tributary No. 5	At the confluence with Cane Creek .....	None	•543	Orange County (Unincorporated Areas).
		Approximately 1,200 feet upstream of Orange Grove Road.	None	
Watery Fork .....	At the confluence with Cane Creek .....	None	•501	Orange County (Unincorporated Areas).
Collins Creek .....	Approxiamtely 250 feet upstream of Dairyland Road ....	None	•553	Orange County (Unincorporated Areas).
	At the Orange County/Chatham County boundary .....	None	•451	
Wildcat Branch .....	Approximately 0.1 mile upstream of Big Still Road .....	None	•536	Orange County (Unincorporated Areas).
	At the confluence with Collins Creek .....	None	•475	
Collins Creek Tributary 1 ...	Approximately 1,250 feet upstream of Wildcat Creek Road.	None	•506	Orange County (Unincorporated Areas).
	At the confluence with Collins Creek .....	None	•487	
Mill Creek .....	Approximately 650 feet upstream of Gait Way .....	None	•580	Orange County (Unincorporated Areas).
	At the confluence with Lake Michael Tributary .....	None	•580	
Mill Creek Tributary .....	Approximately 1.3 miles upstream of Mill Creek Road	None	•658	Orange County (Unincorporated Areas).
	At the confluence with Mill Creek .....	None	•613	
	Approximately 0.5 miles upstream of Lee Street .....	None	•656	

Source of flooding	Location	#Depth in feet above ground. *Elevation in feet (NGVD) •Elevation in feet (NAVD)		Communities affected
		Existing	Modified	
Mountain Creek .....	At the confluence with New Hope Creek .....	•474	•473	Orange County (Unincorporated Areas).
	Approximately 1.8 miles upstream of the confluence with New Hope Creek.	None	•506	
Booker Creek .....	At the confluence with Little Creek and Bolin Creek ....	•254	•255	Town of Chapel Hill.
	Approximately 600 feet upstream of Airport Road .....	•471	•479	
Cedar Fork .....	Approximately 150 feet upstream of Brookview Drive ...	•334	•328	Town of Chapel Hill.
	Approximately 600 feet upstream of Kingston Drive ....	None	•554	
Terrells Creek .....	At the Orange County/Chatham County boundary .....	None	•421	Orange County (Unincorporated Areas).
	Approximately 2.2 miles upstream of the County boundary.	None	•498	
University Lake (Price Creek).	At the University Lake Dam .....	None	•330	Orange County (Unincorporated Areas), Town of Carrboro.
South Hyco Creek .....	At the Damascus Church Road .....	None	•358	Orange County (Unincorporated Areas).
	At the Caswell County/Orange County boundary .....	None	•589	
Back Creek .....	Approximately 0.95 mile upstream of Bama Road .....	None	•643	Orange County (Unincorporated Areas).
	At the Alamance County/Orange County boundary .....	None	•559	
South Hyco Creek Tributary 8.	Approximately 150 feet downstream of Carr Store Road.	None	•648	Orange County (Unincorporated Areas).
	At the Person County/Orange County boundary .....	None	•604	
Stagg Creek .....	Approximately 1,250 feet upstream of Jones Road .....	None	•620	Orange County (Unincorporated Areas).
	At the Alamance County boundary .....	None	•606	
Back Creek Tributary 3 .....	Approximately 1,300 feet downstream of Atkins Road ..	None	•639	Orange County (Unincorporated Areas).
	At the confluence with Back Creek .....	None	•575	
Haw Creek .....	Approximately 300 feet downstream of Harmony Church Road.	None	•646	Orange County (Unincorporated Areas).
	At the Orange County/Alamance County boundary .....	None	•611	
Lake Michael Tributary .....	Approximately 500 feet upstream of the Orange County/Alamance County boundary.	None	•614	Orange County (Unincorporated Areas).
	At the confluence with Mill Creek .....	None	•580	
Lake Michael Tributary 2 ....	Approximately 1,500 feet upstream of Lancaster Road	None	•693	Orange County (Unincorporated Areas).
	At the confluence with Lake Michael Tributary .....	None	•637	
Lib Creek .....	Approximately 400 feet north of U.S. 70 .....	None	•695	Orange County (Unincorporated Areas).
	Approximately 250 feet downstream of the Orange County/Chatham County boundary.	None	•257	
Crow Branch .....	Approximately 200 feet upstream of the Orange County/Chatham County boundary.	None	•265	Town of Chapel Hill.
	At the confluence with Booker Creek .....	None	•398	
Chapel Creek .....	Approximately 0.5 mile upstream of dam .....	None	•500	Town of Chapel Hill.
	At the confluence with Morgan Creek .....	None	•261	
Little Creek .....	Approximately 350 feet upstream of South Road .....	None	•419	Town of Chapel Hill.
	At the Orange County/Durham County boundary .....	•250	•245	
Little Creek Tributary 3 .....	At the confluence with Booker Creek .....	•254	•255	Town of Chapel Hill.
	At the confluence with Little Creek .....	•253	•252	
Bolin Creek .....	At Elderberry Drive .....	None	•310	Orange County (Unincorporated Areas), Town of Carrboro, Town of Chapel Hill.
	At the confluence with Little Creek and Booker Creek ..	•254	•255	
Buckhorn Branch .....	Approximately 1,250 feet upstream of Talbryn Way ....	None	•578	Orange County (Unincorporated Areas), Town of Carrboro.
	At the confluence with Jones Creek .....	None	•483	
Meeting of the Waters Creek.	Approximately 300 feet upstream of dam .....	None	•509	Town of Chapel Hill.
	At the confluence of Morgan Creek .....	•261	•262	
	Approximately 0.6 mile upstream of Woodbine Drive ...	None	•341	



Source of flooding	Location	#Depth in feet above ground. *Elevation in feet (NGVD) •Elevation in feet (NAVD)		Communities affected
		Existing	Modified	
Morgan Creek .....	Approximately 2.7 miles downstream of the Orange County/Chatham County boundary.	None	•238	Orange County (Unincorporated Areas), Town of Carrboro, Town of Chapel Hill.
New Hope Creek Tributary 1.	Approximately 100 feet upstream of Dairyland Road ...	•568	•567	Orange County (Unincorporated Areas), Town of Chapel Hill.
	Approximately 400 feet downstream of the Orange County/Durham County boundary.	None	•264	
	Approximately 1,800 feet upstream of confluence with Dry Branch.	None	•297	

*Town of Carrboro*

Maps available for inspection at the Carrboro Town Hall, Planning Department, 301 West Main Street, Carrboro, North Carolina.

Send comments to Mr. Steve Stewart, Carrboro Town Manager, 301 West Main Street, Carrboro, North Carolina 27510.

*Town of Chapel Hill*

Maps available for inspection at the Chapel Hill Town Hall, 306 North Columbia Street, Chapel Hill, North Carolina.

Send comments to The Honorable Kevin C. Foy, Mayor of the Town of Chapel Hill, Chapel Hill Town Hall, 306 North Columbia Street, 2nd Floor, Chapel Hill, North Carolina 27516.

*Orange County (Unincorporated Areas)*

Maps available for inspection at the Orange County Planning and Inspections Department, 306F Revere Road, Hillsborough, North Carolina.

Send comments to Mr. John M. Link, Jr., Orange County Manager, 200 SouthCameron Street, Hillsborough, North Carolina 27278.

**NORTH CAROLINA  
Wake County**

Adams Branch .....	At Corwin Road .....	None	•276	Town of Garner.
	Approximately 800 feet upstream of Corwin Road .....	None	•280	
Armory Tributary .....	Approximately 0.5 mile upstream of confluence with Richland Creek (Basin 18, Stream 13).	None	•366	City of Raleigh.
	Approximately 0.7 mile upstream of confluence with Richland Creek (Basin 18, Stream 13).	None	•377	
Basal Creek .....	At the confluence with Richland Creek (Basin 5, Stream 1).	•272	•273	Wake County (Unincorporated Areas), Town of Wake Forest.
	Approximately 250 feet upstream of St. Catherines Drive.	None	•309	
Basin 10, Stream 2 .....	At the confluence with Little River (Basin 10, Stream 1)	•220	•219	Wake County (Unincorporated Areas).
	At Morphus Bridge Road .....	•220	•219	
Basin 10, Stream 5 .....	At Lizard Lick Road .....	None	•286	Wake County (Unincorporated Areas).
	Approximately 0.6 mile upstream of Lizard Lick Road ..	None	•291	
Basin 10, Stream 5 .....	At the confluence with Little River (Basin 10, Stream 1)	•245	•243	Wake County (Unincorporated Areas).
	Approximately 200 feet downstream of U.S. Highway 64.	•245	•244	
Basin 10, Stream 6 .....	At Lizard Lick Road .....	None	•252	Wake County (Unincorporated Areas).
	Approximately 280 feet upstream of Edgemont Road ...	None	•339	
Basin 10, Stream 9 .....	At the confluence with Little River (Basin 10, Stream 1)	•256	•254	Wake County (Unincorporated Areas).
	At State Highway 96 .....	•288	•289	
Basin 10, Stream 10 .....	At the confluence with Little River (Basin 10, Stream 1)	•259	•257	Wake County (Unincorporated Areas).
	Approximately 250 feet upstream of Fowler Road .....	•259	•258	
Basin 10, Stream 13 .....	At the confluence with Basin 10, Stream 14 .....	None	•277	Wake County (Unincorporated Areas).
	Approximately 1.7 miles upstream of the confluence with Basin 10, Stream 14.	None	•344	
Basin 10, Stream 14 .....	Approximately 0.4 mile upstream of the confluence with Little River (Basin 10, Stream 1).	None	•267	Wake County (Unincorporated Areas).
	At Franklin/Wake County boundary .....	None	•308	
Basin 11, Stream 4 .....	At U.S. Highway 64 .....	None	•240	Wake County (Unincorporated Areas).
	Approximately 700 feet upstream of Ferrell Road .....	None	•341	
Basin 11, Stream 7 .....	At Wake/Johnston County boundary .....	None	•278	Wake County (Unincorporated Areas).
	Approximately 0.4 mile upstream of the Wake/Johnston County boundary.	None	•308	

Source of flooding	Location	#Depth in feet above ground. *Elevation in feet (NGVD) •Elevation in feet (NAVD)		Communities affected
		Existing	Modified	
Basin 12, Stream 3 .....	At Old Crews Road .....	None	•244	Town of Knightdale, Wake County (Unincorporated Areas).
Basin 14, Stream 2 .....	Approximately 0.4 mile upstream of Horton Road .....	None	•293	Wake County (Unincorporated Areas).
	Confluence with Marks Creek (Basin 14, Stream 1) ....	None	•183	
Basin 14, Stream 3 .....	Approximately 0.4 mile upstream of Lake Myra Road ..	None	•225	Wake County (Unincorporated Areas).
	At the confluence with Marks Creek (Basin 14, Stream 1).	None	•202	
Basin 18, Stream 13 .....	Approximately 0.4 mile upstream of Presentation Street.	None	•244	Town of Morrisville, Wake County (Unincorporated Areas).
	Upstream side of Sorrell Grove Church Road .....	None	•290	
Basin 18, Stream 13 .....	At the Wake/Durham County boundary .....	None	•320	Wake County (Unincorporated Areas), Town of Morrisville.
	At the confluence with Basin 18, Stream 13 .....	None	•318	
Basin 18, Stream 4 .....	Approximately 0.5 mile upstream of the confluence with Basin 18, Stream 13.	None	•318	City of Raleigh.
	Approximately 150 feet upstream of Grove Barton Road.	None	•318	
Basin 18, Stream 7 .....	Approximately 0.2 mile upstream of Country Trail .....	None	•400	City of Raleigh.
	At confluence with Sycamore Creek (Basin 18, Stream 6).	None	•324	
Basin 20, Stream 5 .....	Approximately 0.5 mile upstream of the confluence with Sycamore Creek (Basin 18, Stream 6).	None	•343	Wake County (Unincorporated Areas).
	Approximately 0.5 mile upstream of confluence with Swift Creek.	None	•202	
Basin 23, Stream 2 .....	Approximately 1.7 miles upstream of confluence with Swift Creek.	None	•257	Wake County (Unincorporated Areas).
	At the confluence with Black Creek (Basin 23, Stream 1).	None	•234	
Basin 23, Stream 2 Tributary.	Approximately 1.0 mile upstream of John Adams Road	None	•320	Wake County (Unincorporated Areas).
	At confluence with Basin 23, Stream 2 .....	None	•239	
Basin 23, Stream 3 .....	Approximately 175 feet upstream of John Adams Road	None	•248	Wake County (Unincorporated Areas), Town of Fuquay-Varina.
	At confluence with Black Creek .....	None	•283	
Basin 23, Stream 4 .....	Approximately 0.9 mile upstream of Maude Stewart Road.	None	•360	Wake County (Unincorporated Areas).
	At confluence with Basin 23, Stream 3 .....	None	•292	
Basin 23, Stream 5 .....	Approximately 1,775 feet upstream of Eddie Howard Road.	None	•352	Wake County (Unincorporated Areas).
	At confluence with Black Creek .....	None	•301	
Beaverdam Creek (Basin 11, Stream 3).	Approximately 0.9 mile upstream of confluence with Black Creek.	None	•331	Wake County (Unincorporated Areas).
	Approximately 0.7 mile upstream of Pearces Road .....	None	•319	
Beaverdam Creek (Basin 12, Stream 1).	Approximately 320 feet upstream of Pippin Road .....	None	•330	Wake County (Unincorporated Areas).
	At Old Crews Road .....	None	•231	
Beaverdam Creek (Basin 18, Stream 28).	Approximately 0.2 mile upstream of Lucas Road .....	None	•296	City of Raleigh.
	Approximately 650 feet upstream of Scotland Street ....	•220	•221	
Beaverdam Creek East (Basin 15, Stream 21).	At the upstream side of Glenwood Avenue .....	•246	•247	City of Raleigh.
	At Kyle Drive .....	None	•235	
Beddingfield Creek .....	Approximately 450 feet upstream of U.S. Highway 401	None	•244	Wake County (Unincorporated Areas).
	Approximately 250 feet upstream of Shotwell Road ....	None	•164	
Big Branch (Basin 10, Stream 8).	Approximately 625 feet upstream of Shotwell Road ....	None	•166	Wake County (Unincorporated Areas).
	At confluence with Little River .....	•256	•254	
	Approximately 0.3 mile upstream of Zebulon Road .....	None	•288	

Source of flooding	Location	#Depth in feet above ground. *Elevation in feet (NGVD) •Elevation in feet (NAVD)		Communities affected
		Existing	Modified	
Big Branch (Basin 18, Stream 21).	Approximately 250 feet upstream of Chaswick Drive ....	•214	•215	City of Raleigh.
	Approximately 0.3 mile upstream of East Millbrook Road.	None	•315	
Big Branch (Basin 30, Stream 2).	At the confluence with Walnut Creek (Basin 30, Stream 1).	•183	•180	City of Raleigh, Wake County (Unincorporated Areas), Town of Garner.
	Approximately 0.4 mile downstream of Auburn Church Road.	•241	•242	
Big Branch Tributary No. 1 (Basin 30, Stream 6).	Approximately 950 feet upstream of the confluence with Big Branch Southeast (Basin 30, Stream 2).	None	•185	City of Raleigh, Wake County (Unincorporated Areas).
Big Branch Tributary No. 3	Approximately 0.5 mile upstream of Interstate 40 .....	None	•217	City of Raleigh, Wake County (Unincorporated Areas).
	At the confluence with Big Branch Tributary No. 1 (Basin 30, Stream 6).	None	•197	
Black Creek (Basin 23, Stream 1).	Approximately 0.3 mile upstream of Interstate 40 .....	None	•222	Wake County (Unincorporated Areas), Town of Fuquay-Varina.
	At Johnston County boundary .....	None	•213	
Bridges Branch .....	Approximately 1.0 mile upstream of confluence of Basin 23, Stream 5.	None	•325	City of Raleigh.
	Approximately 0.2 mile upstream of Barksdale Drive ....	•204	•205	
Brier Creek (Basin 18, Stream 14).	Approximately 0.3 mile upstream of Barksdale Drive ....	None	•208	Town of Cary, Wake County (Unincorporated Areas).
	Approximately 0.6 mile upstream of confluence with Stirrup Iron Creek (Basin 18, Stream 12).	•283	•284	
Buffalo Creek (Basin 9, Stream 1).	Approximately 0.7 mile upstream of Nelson Road .....	None	•329	Wake County (Unincorporated Areas).
	At Robertson Pond Dam .....	None	•291	
Cedar Fork (Basin 10, Stream 15).	Approximately 0.8 mile upstream of Fowler Road .....	None	•399	Wake County (Unincorporated Areas), Town of Rolesville.
	At the confluence with Little River (Basin 10, Stream 1)	•284	•289	
Coles Branch (Basin 18, Stream 24).	Approximately 3.4 miles upstream of the confluence with Little River (Basin 10, Stream 1).	None	•360	Town of Cary, Wake County (Unincorporated Areas).
	Approximately 0.2 mile upstream of Cary Parkway .....	•334	•335	
Crabtree Creek (Basin 18, Stream 9).	Approximately 850 feet upstream of Maynard Road ....	•366	•369	City of Raleigh.
	At Ebenezer Church Road .....	None	•253	
Crabtree Creek Tributary No. 6 (Basin 18, Stream 20).	Approximately 1.5 miles upstream of Reedy Creek Road.	None	•258	Town of Cary, Wake County (Unincorporated Areas).
	Approximately 0.3 mile downstream of Cary Parkway ..	None	•311	
Dutchmans Branch (Basin 20, Stream 17).	Approximately 500 feet upstream of Cary Parkway .....	None	•337	Wake County (Unincorporated Areas).
	At the confluence with Swift Creek (Basin 20, Stream 1) (Lake Wheeler).	•291	•289	
Fowlers Mill Creek (Basin 10, Stream 12).	At the downstream side of Blaney Franks Road .....	•291	•289	Wake County (Unincorporated Areas).
	Approximately 0.2 mile upstream of the confluence with Little River (Basin 10, Stream 1).	None	•266	
Guffy Branch (Basin 21, Stream 4).	Approximately 1.4 miles upstream of Pullytown Road ..	None	•313	Wake County (Unincorporated Areas).
	At the confluence with Little Creek (Basin 21, Stream 1).	None	•231	
Hatchet Grove Tributary (Basin 18, Stream 25).	Approximately 4.3 miles above confluence with Little Creek (Basin 21, Stream 1).	None	•355	Town of Cary, Wake County (Unincorporated Areas).
	Approximately 350 feet downstream of Hatchet Grove Dam Tributary.	None	•314	
Hodges Creek (Basin 8, Stream 1).	Approximately 0.7 mile upstream of Hatchet Grove Dam Tributary.	None	•338	Wake County (Unincorporated Areas).
	Approximately 0.2 mile upstream of Old Crews Road ..	None	•222	
Hominy Creek (Basin 10, Stream 7).	Approximately 1.4 miles upstream of R.C. Watson Road.	None	•337	Wake County (Unincorporated Areas).
	At Lizard Lick Road .....	None	•253	

Source of flooding	Location	#Depth in feet above ground. *Elevation in feet (NGVD) •Elevation in feet (NAVD)		Communities affected
		Existing	Modified	
Horse Creek (Basin 4, Stream 1).	Approximately 0.3 mile upstream of Hodge Road .....	None	•337	Wake County (Unincorporated Areas).
	Approximately 0.3 mile downstream of Wake/Franklin County boundary.	None	•337	
Juniper Branch (Basin 21, Stream 2).	At the Wake/Franklin County boundary .....	None	•342	Wake County (Unincorporated Areas).
	At the confluence with Little Creek (Basin 21, Stream 1).	None	•261	
Lakemount Tributary (Basin 18, Stream 22).	Approximately 0.8 mile upstream of Pagan Road .....	None	•327	City of Raleigh.
	At the confluence with Big Branch (Basin 18, Stream 21).	•253	•254	
Ledge Creek .....	Approximately 250 feet downstream of Pinecroft Drive	None	•313	Wake County (Unincorporated Areas).
	At the confluence with Falls Lake .....	None	•262	
Lens Branch (Basin 20, Stream 22).	At the Wake/Granville County boundary .....	None	•262	Town of Cary, Wake County (Unincorporated Areas).
	At the confluence with Swift Creek (Basin 20, Stream 1).	•308	•312	
Little Beaverdam Lake .....	Approximately 500 feet downstream of Lochmere Drive	•314	•313	Wake County (Unincorporated Areas).
	Entire shoreline .....	None	•262	
Little Beaverdam Creek (Basin 2, Stream 2).	Just upstream of the confluence with Little Beaverdam Lake.	None	•262	Wake County (Unincorporated Areas).
	Approximately 0.7 mile downstream of the Wake/Granville County boundary.	None	•297	
Little Black Creek (Basin 23, Stream 8).	At Johnston County boundary .....	None	•228	Wake County (Unincorporated Areas).
Little Brier Creek (Basin 18, Stream 15).	Approximately 0.6 mile upstream of Walter Myatt Road	None	•300	City of Raleigh, Wake County (Unincorporated Areas).
	At the confluence with Brier Creek (Basin 18, Stream 14).	•317	•322	
Little Brier Creek (Basin 18, Stream 15).	At the Wake County/City of Raleigh boundary .....	•317	•322	City of Raleigh.
	At the confluence with Brier Creek (Basin 18, Stream 14).	•318	•322	
Little Brier Creek East (Basin 18, Stream 16).	At the downstream side of Lumley Road .....	•321	•322	City of Raleigh, Wake County (Unincorporated Areas).
	Just downstream of Interstate 70 .....	None	•347	
Little Creek (Basin 11, Stream 2).	Approximately 300 feet upstream of the Wake County/Durham County boundary.	None	•388	Town of Zebulon, Wake County (Unincorporated Areas).
	At Cemetery Road .....	None	•278	
Little Creek (Basin 21, Stream 1).	Approximately 0.3 mile upstream of U.S. 64 .....	None	•312	Wake County (Unincorporated Areas).
	At the Wake County/Johnston County boundary .....	None	•220	
Little River (Basin 10, Stream 1).	Approximately 2.3 miles upstream of confluence of Juniper Branch.	None	•335	Wake County (Unincorporated Areas), Town of Wendell, Town of Zebulon.
	At Johnston/Wake County boundary .....	•218	•216	
Lizard Lick Creek (Basin 10, Stream 23).	At Franklin/Wake County boundary .....	None	•325	Town of Wendell, Wake County (Unincorporated Areas).
	At the confluence with Little River (Basin 10, Stream 1)	•225	•222	
Marks Creek (Basin 14, Stream 1).	At Wendell Boulevard .....	•225	•226	Wake County (Unincorporated Areas).
	Approximately 325 feet downstream of Wake/Johnston County boundary.	None	•176	
Marsh Creek (Basin 18, Stream 17).	Approximately 0.8 mile downstream of Knightdale Eaglerock road.	None	•208	City of Raleigh, Wake County (Unincorporated Areas).
	At Skycrest Drive .....	•202	•203	
Millbrook Tributary to Marsh Creek (Basin 18, Stream 19).	Approximately 650 feet downstream of Falls Church Road.	None	•315	City of Raleigh, Wake County (Unincorporated Areas).
	Approximately 50 feet upstream of confluence with Marsh Creek (Basin 18, Stream 17).	•236	•237	
	At Brockton Drive .....	•241	•240	

Source of flooding	Location	#Depth in feet above ground. *Elevation in feet (NGVD) •Elevation in feet (NAVD)		Communities affected
		Existing	Modified	
Mills Branch (Basin 22, Stream 5).	Approximately 50 feet upstream of railroad .....	None	•274	Wake County (Unincorporated Areas).
Mingo Creek (Basin 12, Stream 2).	Approximately 0.7 mile upstream of railroad .....	None	•301	Town of Knightdale, Wake County (Unincorporated Areas).
	At the confluence with Beaverdam Southwest Creek ...	•204	•206	
Moccasin Creek (Basin 11, Stream 1).	At Smithfield Road .....	•270	•272	Wake County (Unincorporated Areas).
	Approximately 380 feet downstream of U.S. 264 .....	•212	•214	
New Hope Tributary to Marsh Creek (Basin 18, Stream 18).	Approximately 0.7 mile upstream of Henry Baker Road	None	•307	City of Raleigh.
	Approximately 1,150 feet upstream of the confluence with Marsh Creek.	•216	•215	
Newlight Creek (Basin 3, Stream 1).	Approximately 150 feet upstream of Calvary Drive .....	None	•293	Wake County (Unincorporated Areas).
	Approximately 450 feet upstream of confluence of Basin 3, Stream 8.	None	•280	
Northeast Tributary to Turkey Creek (Basin 18, Stream 4).	At the Wake County/Granville County boundary .....	None	•283	City of Raleigh, Wake County (Unincorporated Areas).
	Approximately 100 feet upstream of Grove Barton Road.	None	•318	
Perry Creek (Basin 10, Stream 19).	Approximately 0.3 mile upstream of County Trail .....	None	•400	Wake County (Unincorporated Areas).
	At the confluence with Little River (Basin 10, Stream 1)	None	•318	
Perry Creek (Basin 15, Stream 26).	Approximately 325 feet downstream of Old Pearce Road.	None	•381	City of Raleigh, Wake County (Unincorporated Areas).
	Approximately 225 feet downstream of the confluence with Perry Creek East Branch.	•196	•197	
Perry Creek East Branch (Basin 15, Stream 27).	Approximately 0.8 mile upstream of Rainwater Drive ...	None	•355	City of Raleigh, Wake County (Unincorporated Areas).
	At the confluence with Perry Creek (Basin 15, Stream 26).	•196	•197	
Richland Creek (Basin 5, Stream 1).	Approximately 650 feet upstream of the confluence with Perry Creek (Basin 15, Stream 26).	•196	•197	City of Raleigh, Wake County (Unincorporated Areas), Town of Wake Forest.
	Approximately 1,050 feet downstream of New Falls of the Neuse Road.	•206	•205	
Richland Creek Tributary ...	At the Wake/Franklin County boundary .....	None	•301	Town of Wake Forest, Wake County (Unincorporated Areas).
	At the confluence with Richland Creek (Basin 5, Stream 1).	•227	•228	
Rocky Branch (Basin 30, Stream 5).	Approximately 1.2 miles upstream of the confluence with Richland Creek (Basin 5, Stream 1).	None	•311	City of Raleigh.
	At the confluence with Walnut Creek (Basin 30, Stream 1).	•233	•236	
Snipes Creek .....	Approximately 200 feet downstream of Western Boulevard.	•296	•297	Wake County (Unincorporated Areas) Town of Zebulon.
	Approximately 100 feet upstream of confluence of Basin 11, Stream 7.	None	•278	
Swift Creek (Basin 20, Stream 1).	Approximately 0.6 mile upstream of Highway 96 .....	None	•330	Town of Cary, Wake County (Unincorporated Areas).
	At Old Stage Road .....	•245	•246	
Swift Creek Tributary No. 7 (Basin 20, Stream 24).	Approximately 700 feet upstream of U.S. Highway 64 ..	None	•359	Town of Cary, Wake County (Unincorporated Areas).
	At the confluence with Swift Creek (Basin 20, Stream 1).	•325	•332	
Sycamore Creek (Basin 18, Stream 6).	Approximately 0.3 mile upstream of the confluence with Swift Creek (Basin 20, Stream 1).	•331	•332	City of Raleigh, Wake County (Unincorporated Areas).
	At the confluence with Crabtree Creek (Basin 18, Stream 9).	None	•254	
Sycamore Creek (Basin 18, Stream 6).	Approximately 1 mile upstream of Leesville Road .....	None	•450	City of Raleigh, Wake County (Unincorporated Areas).
	Approximately 0.5 mile upstream of ACC Boulevard ...	None	•395	
	Approximately 1 mile upstream of Leesville Road .....	None	•450	

Source of flooding	Location	#Depth in feet above ground. *Elevation in feet (NGVD) •Elevation in feet (NAVD)		Communities affected
		Existing	Modified	
Turkey Creek (Basin 18, Stream 15).	At the confluence with Sycamore Creek .....	None	•254	City of Raleigh, Wake County (Unincorporated Areas).
	Approximately 1.3 miles upstream of Ebenezer Church Road.	None	•279	
Unnamed Tributary (#1) to Swift Creek.	Approximately 425 feet downstream of Wake/Johnston County boundary.	None	•216	Wake County (Unincorporated Areas).
	Approximately 125 feet downstream of Wake/Johnston County boundary.	None	•216	
Walnut Creek (Basin 30, Stream 1).	Approximately 0.8 mile upstream of the confluence with Neuse River (Basin 15, Stream 1).	•174	•173	Town of Cary, Wake County (Unincorporated Areas), City of Raleigh.
	Approximately 0.3 mile upstream of Maynard Road .....	None	•452	
Buckhorn Creek .....	Approximately 500 feet downstream of Cass Holt Road	None	•232	Wake County (Unincorporated Areas).
	Approximately 0.45 mile upstream of Honeycutt Road	None	•444	
Jim Branch .....	At the confluence with Harris Reservoir .....	None	•232	Wake County (Unincorporated Areas).
	Approximately 1.0 mile upstream of the confluence with Harris Reservoir.	None	•252	
Cary Branch .....	At the confluence with Harris Reservoir .....	None	•232	Wake County (Unincorporated Areas).
	Approximately 2.3 mile upstream of the confluence with Norris Branch.	None	•326	
Harris Reservoir .....	Entire shoreline with Wake County .....	None	•232	Wake County (Unincorporated Areas).
Norris Branch .....	At the confluence with Cary Creek .....	None	•239	Wake County (Unincorporated Areas), Town of Holly Springs.
Utley Creek .....	Approximately 1.5 miles upstream of Avent Ferry Road	None	•328	Wake County (Unincorporated Areas), Town of Holly Springs.
	At the confluence with White Oak Creek .....	None	•232	
White Oak Creek (Basin 26, Stream 1).	Approximately 3.3 miles upstream of the confluence with White Oak Creek.	None	•329	Wake County (Unincorporated Areas), Town of Holly Springs.
	At the confluence of Harris Reservoir .....	None	•232	
Big Branch (Basin 26, Stream 5).	Approximately 1,600 feet upstream of Highway 1 .....	None	•311	Wake County (Unincorporated Areas), Town of Holly Springs.
	At the confluence with White Oak Creek .....	None	•248	
Little Branch (Basin 26, Stream 3).	Approximately 0.4 mile upstream of Highway 1 .....	None	•307	Wake County (Unincorporated Areas), Town of Holly Springs.
	At the confluence with Big Branch (Basin 26, Stream 5).	None	•250	
Little Branch Tributary (Basin 26, Stream 4).	Approximately 1.7 miles upstream of New Hill Road .....	None	•310	Wake County (Unincorporated Areas).
	At the confluence with Little Branch (Basin 26, Stream 3).	None	•265	
Little White Oak Creek (Basin 26, Stream 9).	Approximately 1.0 mile upstream of the confluence with Little Branch.	None	•282	Wake County (Unincorporated Areas).
	At the confluence with Harris Reservoir .....	None	•232	
Little White Oak Creek Tributary 2.	Approximately 0.8 mile upstream of Highway 1 .....	None	•288	Wake County (Unincorporated Areas).
	At the confluence with Little White Oak Creek (Basin 26, Stream 9).	None	•247	
Thomas Creek .....	Approximately 900 feet upstream of the confluence with Little White Oak Creek (Basin 26, Stream 9).	None	•261	Wake County (Unincorporated Areas).
	At the confluence with Harris Reservoir .....	None	•232	
Big Branch .....	Approximately 100 feet downstream of Highway 1 .....	None	•245	Wake County (Unincorporated Areas).
	At the confluence with Harris Reservoir .....	None	•232	
Little Beaver Creek (Basin 27, Stream 1).	Approximately 0.9 mile upstream of Highway 1 .....	None	•298	Wake County (Unincorporated Areas).
	Approximately 0.7 mile upstream of the Chatham/Wake County boundary.	•238	•239	
	Approximately 1.2 miles upstream of New Hill Olive Chapel Road.	None	•284	

Source of flooding	Location	#Depth in feet above ground. *Elevation in feet (NGVD) •Elevation in feet (NAVD)		Communities affected
		Existing	Modified	
Morris Branch .....	At Chatham/Wake County boundary .....	•250	•264	Wake County (Unincorporated Areas), Town of Cary.
Kenneth Branch (Basin 24, Stream 6).	Approximately 750 feet upstream of Howard Road .....	None	•336	Wake County (Unincorporated Areas), Town of Fuquay-Varina.
	At railroad .....	None	•394	
Angier Creek (Basin 24, Stream 4).	Approximately 1,750 feet upstream of railroad .....	None	•394	Wake County (Unincorporated Areas), Town of Fuquay-Varina.
	Just upstream of railroad .....	None	•368	
Neills Creek .....	Approximately 0.4 mile upstream of railroad .....	None	•378	Wake County (Unincorporated Areas).
	At Harnett/Wake County boundary .....	None	•263	
Beaver Creek (Basin 27, Stream 2).	Approximately 1.3 miles upstream of Harnett/Wake County boundary.	None	•300	Wake County (Unincorporated Areas), Town of Apex.
	At the confluence with Jordan Lake .....	None	•238	
Jacks Branch (Basin 28, Stream 4).	Approximately 1,100 feet up stream of Castlebury Drive.	None	•370	Wake County (Unincorporated Areas).
	At the confluence with White Oak Creek (Basin 28, Stream 1).	None	•273	
White Oak Creek (Basin 28, Stream 1).	Approximately 1.5 miles upstream of the confluence with White Oak Creek.	None	•332	Wake County (Unincorporated Areas), Town of Cary.
	At the Wake/Chatham County boundary .....	None	•238	
Clark Branch (Basin 28, Stream 3).	Approximately 0.6 mile upstream of Park Village Drive	None	•369	Wake County (Unincorporated Areas).
	At the confluence with White Oak Creek .....	None	•256	
Basin 28, Stream 8 .....	Approximately 0.5 mile upstream of Green Level Church Road.	None	•302	Wake County (Unincorporated Areas), Town of Cary.
	At the confluence with White Oak Creek .....	None	•262	
Basin 28, Stream 7 .....	Approximately 0.3 mile upstream of Hendricks Road ...	None	•303	Town of Cary.
	At the confluence with Basin 28, Stream 8 .....	None	•275	
	Approximately 0.4 mile upstream of the confluence with Basin 28, Stream 8.	None	•290	
Batchelor Branch (Basin 28, Stream 6).	At the confluence with White Oak Creek .....	None	•268	Wake County (Unincorporated Areas), Town of Cary.
Reedy Branch (Basin 27, Stream 5).	Approximately 1,000 feet upstream of Highfield Avenue	None	•356	Wake County (Unincorporated Areas).
	At the confluence with Beaver Creek (Basin 27, Stream 2).	•238	•239	
Reedy Branch Tributary (basin 27, Stream 6).	Approximately 0.4 mile upstream of the confluence with Reedy Branch Tributary (basin 27, Stream 6).	None	•274	Wake County (Unincorporated Areas), Town of Apex.
	Approximately 200 feet upstream of the confluence with Rudy Branch (Basin 27, Stream 5).	•265	•266	
Kenneth Creek (Basin 24, Stream 2).	Approximately 800 feet upstream of Kelly Road .....	None	•310	Town of Fuquay-Varina.
	At the Harnett/Wake County boundary .....	None	•257	
Basin 18, Stream 13 Tributary.	Approximately 0.4 mile upstream of the Harnett/Wake County boundary.	None	•262	Town of Morrisville.
	At the confluence with Basin 18, Stream 13 .....	None	•318	
Basin 20, Stream 20 .....	Approximately 0.6 mile upstream of the confluence with Basin 18, Stream 13.	None	•318	Wake County (Unincorporated Areas).
	At the confluence with Swift Creek .....	•293	•292	
Kit Creek (Basin 29, Stream 7).	Approximately 475 feet upstream of the confluence with Swift Creek.	•293	•292	Wake County (Unincorporated Areas), Town of Morrisville.
	Just upstream of Louis Stevens Road .....	•258	•259	
	Approximately 0.2 mile upstream of Davis Drive .....	None	•292	

Source of flooding	Location	#Depth in feet above ground. *Elevation in feet (NGVD) •Elevation in feet (NAVD)		Communities affected
		Existing	Modified	
Kit Creek Tributary 1 (Basin 29, Stream 11).	At the confluence with Kit Creek (Basin 29, Stream 7)	•259	•261	Wake County (Unincorporated Areas).
	Approximately 0.3 mile upstream of Davis Drive .....	•279	•284	
Lens Branch (Basin 20, Stream 22).	At the confluence with Swift Creek .....	•308	•312	Wake County (Unincorporated Areas), Town of Cary.
	Approximately 500 feet downstream of Lochmere Drive	•314	•313	

*Town of Apex*

Maps available for inspection at the Apex Town Hall, 73 Hunter Street, Apex, North Carolina.  
Send comments to The Honorable Keith Weatherly, Mayor of the Town of Apex, P.O. Box 250, Apex, North Carolina 27502.

*Town of Cary*

Maps available for inspection at the Cary Town Hall, Storm Water Services Division, 318 North Academy Street, Cary, North Carolina.  
Send comments to The Honorable Ernest McAlister, Mayor of the Town of Cary, 318 North Academy Street, North Carolina 27511.

*Town of Fuquay-Varina*

Maps available for inspection at the Fuquay-Varina Town Hall, Planning Department, 401 Old Honeycutt Road, Fuquay-Varina, North Carolina.  
Send comments to Mr. Andy Hedrick, Fuquay-Varina Town Manager, 401 Old Honeycutt Road, Fuquay-Varina, North Carolina 27526.

*Town of Garner*

Maps available for inspection at the Town of Garner Engineering Department, 900 7th Avenue, Building B, Garner, North Carolina.  
Send comments to Ms. Mary Lou Todd, Garner Town Manager, P.O. Box 446, Garner, North Carolina 27529.

*Town of Holly Springs*

Maps available for inspection at the Holly Springs Town Hall, Engineering Department, 125 South Main Street, Holly Springs, North Carolina.  
Send comments to The Honorable Richard Sears, Mayor of the Town of Holly Springs, 4716 Salem Ridge Road, Holly Springs, North Carolina 27540.

*Town of Knightdale*

Maps available for inspection at the Town of Knightdale Planning Department, 950 Steeple Square Court, Knightdale, North Carolina.  
Send comments to Mr. Gary McConkey, Knightdale Town Manager, P.O. Box 640, Knightdale, North Carolina 27545.

*Town of Morrisville*

Maps available for inspection at the Morrisville Town Hall, Planning Department, 100 Town Hall Drive, Morrisville, North Carolina.  
Send comments to The Honorable Gordon Cromwell, Mayor of the Town of Morrisville, 100 Town Hall Drive, Morrisville, North Carolina 27560-8443.

*City of Raleigh*

Maps available for inspection at the City of Raleigh Planning Department, 222 West Hargett Street, 4th Floor, Raleigh, North Carolina.  
Send comments to the Honorable Charles Meeker, Mayor of the City of Raleigh, P.O. Box 590, Raleigh, North Carolina 27602.

*Town of Rolesville*

Maps available for inspection at the Rolesville Town Hall, 200 East Young Street, Rolesville, North Carolina.  
Send comments to The Honorable Nancy Kelly, Mayor of the Town of Rolesville, P.O. Box 250, Rolesville, North Carolina 27571.

*Wake County (Unincorporated Areas)*

Maps available for inspection at the Wake County Office Building, Environmental Services, 1st Floor, 336 Fayetteville Street Mall, North Carolina.  
Send comments to Mr. David Cooke, Wake County Manager, 337 South Salisbury Street, Suite 1100, Raleigh, North Carolina 27602.

*Town of Wake Forest*

Maps available for inspection at the Town of Wake Forest Planning Department, 401 Elm Avenue, Wake Forest, North Carolina.  
Send comments to the Honorable Vivian Jones, Mayor of the Town of Wake Forest, 401 Elm Avenue, Wake Forest, North Carolina 27587.

*Town of Wendell*

Maps available for inspection at the Town of Wendell Planning Department, 15 East Fourth Street, Wendell, North Carolina.  
Send comments to Mr. Timothy Burgess, Wendell Town Manager, P.O. Box 828, Wendell, North Carolina 27591.

*Town of Zebulon*

Maps available for inspection at the Town of Zebulon Planning Department, 100 North Arendell Avenue, Zebulon, North Carolina.  
Send comments to The Honorable Robert Matheny, Mayor of the Town of Zebulon, 100 North Arendell Avenue, Zebulon, North Carolina 27597.

**TENNESSEE  
Knox County**

Beaver Creek .....	Approximately 1.6 miles upstream of confluence with Clinch River.	•797	•796	Knox County (Unincorporated Areas), City of Knoxville.
Berry Branch .....	Approximately 600 feet upstream of Tazewell Pike .....	None	•1,081	
	At confluence with Lyon Creek .....	None	•881	Knox County (Unincorporated Areas).
Brice Branch .....	Approximately 3,346 feet upstream of confluence with Lyon Creek.	None	•889	
	At confluence with Flat Creek .....	None	•946	Knox County (Unincorporated Areas).
Burnett Creek .....	Approximately 1,320 feet upstream of confluence with Flat Creek.	None	•948	
	At confluence with French Broad River .....	None	•827	Knox County (Unincorporated Areas).



Source of flooding	Location	#Depth in feet above ground. *Elevation in feet (NGVD) •Elevation in feet (NAVD)		Communities affected
		Existing	Modified	
Cliff Creek .....	Approximately 763 feet upstream of John Sevier Highway.	None	•865	Knox County (Unincorporated Areas).
	At confluence with Lyon Creek .....	None	•849	
Conner Creek .....	Approximately 2.1 miles upstream of Randles Road ....	None	•985	Knox County (Unincorporated Areas).
	Just upstream of Rippling Drive .....	None	•796	
Cox Creek .....	Approximately 307 feet upstream of Conner Creek Circle.	None	•960	Knox County (Unincorporated Areas).
	At confluence with Beaver Creek .....	None	•1,036	
Tributary to Cox Creek .....	Approximately 701 feet upstream of Tazewell Road .....	None	•1,092	Knox County (Unincorporated Areas).
	At confluence with Cox Creek .....	None	•1,044	
Echo Valley Tributary .....	Approximately 149 feet upstream of Cedarbreeze Road.	None	•1,073	Knox County (Unincorporated Areas).
	At confluence with Ten Mile Creek .....	•875	•876	
First Creek .....	Approximately 157 feet upstream of Echo Valley Road	None	•880	City of Knoxville.
	At confluence with Tennessee River .....	•821	•882	
First Creek Tributary No. 1	Approximately 379 feet upstream of Knox Road .....	None	•967	City of Knoxville.
	At confluence with First Creek .....	None	•962	
First Creek Tributary No. 2	Approximately 1,341 feet upstream of Rockcrest Road	None	•994	City of Knoxville.
	At confluence with First Creek .....	None	•962	
Flat Creek .....	Approximately 1,011 feet upstream of Meadow Road ..	None	•985	Knox County (Unincorporated Areas).
	At confluence with Helston River .....	None	•848	
Fourth Creek .....	Approximately 937 feet upstream of Longmire Road ....	None	•992	City of Knoxville.
	At confluence with Tennessee River .....	•818	•819	
Tributary No. 1 to Fourth Creek.	Approximately 227 feet upstream of Middlebrook Pike	•920	•925	City of Knoxville.
	At confluence with Fourth Creek .....	•836	•835	
Tributary No. 3 to Fourth Creek.	Approximately 365 feet upstream of Lawford Road .....	None	•922	City of Knoxville.
	At confluence with Fourth Creek .....	None	•915	
French Broad .....	Approximately 586 feet upstream of Picadilly Road .....	None	•947	Knox County (Unincorporated Areas), City of Knoxville.
	At confluence with French Broad .....	•826	•825	
Grassy Creek .....	At Knox County boundary .....	None	•860	Knox County (Unincorporated Areas), City of Knoxville.
	At confluence with Beaver Creek .....	•974	•973	
Grassy Creek Tributary .....	Approximately 0.55 mile upstream of Grassy Creek Way.	None	•1,024	Knox County (Unincorporated Areas).
	At confluence with Grassy Creek .....	None	•993	
Hickory Creek .....	Approximately 1.0 mile upstream of Johnson Road .....	None	•1,016	Knox County (Unincorporated Areas).
	Approximately 500 feet upstream of Campbell Street ...	None	•926	
Hines Branch .....	Approximately 4,281 feet upstream of Cooper Lane ....	None	•1,025	Knox County (Unincorporated Areas), City of Knoxville.
	At confluence with Beaver Creek .....	None	•1,014	
Hines Creek .....	Approximately 1,835 feet upstream of Mynatt Drive ....	None	•1,078	Knox County (Unincorporated Areas).
	At confluence with French Broad River .....	None	•832	
Tributary to Hines Creek ....	Approximately 0.44 mile upstream of Old Sevierville Pike.	None	•921	Knox County (Unincorporated Areas).
	At confluence with Hines Creek .....	None	•902	
Kerns Branch .....	Approximately 0.47 mile upstream of confluence with Hines Creek.	None	•919	Knox County (Unincorporated Areas).
	At confluence with Beaver Creek .....	None	•1,058	
Knob Creek .....	Approximately 842 feet upstream of Majors Road .....	None	•1,130	Knox County (Unincorporated Areas), City of Knoxville.
	At confluence with Tennessee River .....	None	•818	

Source of flooding	Location	#Depth in feet above ground. *Elevation in feet (NGVD) •Elevation in feet (NAVD)		Communities affected
		Existing	Modified	
Knob Fork .....	Approximately 0.6 mile upstream of Martin Mill Pike ....	None	•903	Knox County (Unincorporated Areas).
	At confluence with Beaver Creek .....	•995	•994	
Limestone Creek .....	Approximately 183 feet upstream of Fountain City Road.	None	•1,080	Knox County (Unincorporated Areas).
	At confluence with Tuckahoe Creek .....	None	•872	
Little Flat Creek .....	Approximately 1,736 feet upstream of Smith School Road.	None	•889	Knox County (Unincorporated Areas).
	At confluence with Flat Creek .....	None	•965	
Little Turkey Creek .....	Approximately 0.8 mile upstream of Clement Road .....	None	•1,042	Knox County (Unincorporated Areas), Town of Farragut.
	At confluence with Turkey Creek .....	•815	•816	
Little Turkey Creek Tributary.	Approximately 900 feet upstream of Brochart Boulevard.	None	•916	Town of Farragut.
	At confluence with Little Turkey creek .....	None	•908	
Love Creek Tributary .....	Approximately 131 feet upstream of Hickory Woods Road.	None	•947	City of Knoxville.
	At confluence with Love Creek .....	None	•836	
Lyon Creek .....	Approximately 1,086 feet upstream of Chilhavee Cant	None	•867	Knox County (Unincorporated Areas).
	At confluence with Holsten River .....	None	•849	
Mill Branch .....	Approximately 461 feet upstream of Carter Mill Drive ...	None	•987	Knox County (Unincorporated Areas), City of Knoxville.
	At confluence with Willow Fork .....	•1,024	•1,027	
Murphy Creek .....	Approximately 440 feet upstream of Maynardville Pike	None	•1,142	Knox County (Unincorporated Areas).
	Approximately 4,700 feet downstream of Southern Railway.	•975	•974	
North Fork Beaver Creek ...	Approximately 1,350 feet upstream of Link Road .....	None	•1,087	Knox County (Unincorporated Areas).
	At confluence with Beaver Creek .....	•1,015	•1,018	
North Fork Turkey .....	Approximately 128 feet upstream of McCloud Road ....	None	•1,096	Town of Farragut.
	Approximately 2,444 feet downstream of Kingston Pike	•853	•852	
Plumb Creek .....	Approximately 1,375 feet upstream of Grigsby Chapel Road.	None	•944	Knox County (Unincorporated Areas).
	Approximately 560 feet downstream of Hardin Valley Road.	•940	•941	
Roseberry Creek .....	Approximately 146 feet upstream of Hickey Road .....	None	•977	Knox County (Unincorporated Areas), City of Knoxville.
	Approximately 1,200 feet upstream of confluence with Holsten River.	•846	•845	
Sinking Creek .....	Approximately 1,352 feet upstream of Maloneyville Road.	None	•1,030	Knox County (Unincorporated Areas).
	At confluence with Tennessee River .....	None	•817	
Sinking Creek Tributary to Ten Mile Creek.	Approximately 1,200 feet upstream of Wallace Road ...	None	•913	Knox County (Unincorporated Areas).
	At confluence with Ten Mile Creek .....	•894	•900	
Sixmile Branch .....	Approximately 396 feet upstream of Middlebrook Pike	None	•997	Knox County (Unincorporated Areas).
	At end of Burnett Creek .....	None	•865	
South Fork Beaver Creek ..	Approximately 636 feet upstream of East Maine Drive	None	•908	Knox County (Unincorporated Areas).
	At confluence with Beaver Creek .....	None	•1,074	
Stock Creek .....	Approximately 392 feet upstream of Maloneyville Road	None	•1,107	Knox County (Unincorporated Areas).
	Approximately 1.23 miles downstream of Martin Mill Pike.	•820	•819	
Swanpond Creek .....	Approximately 58 feet upstream of McCammon Road ..	None	•892	Knox County (Unincorporated Areas).
	At a point just downstream of Huckleberry Springs Road.	•933	•932	
Ten Mile Creek .....	Approximately 3,200 feet upstream of Wooddale Church Road.	None	•996	Knox County (Unincorporated Areas), City of Knoxville.
	At confluence with Ebenizers Sinkhole .....	•878	•876	

Source of flooding	Location	#Depth in feet above ground. *Elevation in feet (NGVD) •Elevation in feet (NAVD)		Communities affected
		Existing	Modified	
Thompson School Tributary	Approximately 0.5 mile upstream of Robinson Road .... At confluence with Beaver Creek .....	None None	•967 •1,067	Knox County (Unincorporated Areas).
Tuckahoe Creek .....	Approximately 545 feet upstream of East Emory Road At confluence with French Broad River .....	None None	•1,086 •850	Knox County (Unincorporated Areas).
Turkey Creek .....	Approximately 3,396 feet upstream of Dave Smith Road. At confluence with Tennessee River .....	None •815	•906 •816	Knox County (Unincorporated Areas), Town of Farragut.
West Hills Tributary .....	Approximately 1,606 feet upstream of Dutchtown Road At confluence with Ten Mile Creek .....	None •899	•960 •902	Knox County (Unincorporated Areas), City of Knoxville.
Whites Creek .....	Approximately 295 feet upstream of Corteland Drive .... At confluence with First Creek .....	None •955	•931 •957	Knox County (Unincorporated Areas), City of Knoxville.
Williams Creek .....	Approximately 0.6 mile upstream of Clearbrook Road .. At confluence with Tennessee River .....	None •822	•989 •823	City of Knoxville.
Willow Fork .....	Approximately 451 feet upstream of Wilson Avenue .... At confluence with Beaver Creek .....	None •1,022	•898 •1,027	Knox County (Unincorporated Areas).
Little River .....	Approximately 628 feet upstream of Brackett Road .....	None •817	•1,093 •818	Knox County (Unincorporated Areas), City of Knoxville.
Tennessee River .....	Approximately 0.77 mile upstream of Alro Highway .....	None	•819	Knox County (Unincorporated Areas), City of Knoxville.
	Approximately 28.0 miles downstream of Pellissippi Parkway.	•815	•816	
	Just upstream of confluence of Williams Creek .....	•822	•823	

**Town of Farragut**

Maps available for inspection at the Farragut Town Hall, Engineering Department, 11408 Municipal Center Drive, Farragut, Tennessee.

Send comments to Mr. Dave Olson, Farragut Town Administrator, Farragut Town Hall, Administration Department, 11408 Municipal Center Drive, Farragut, Tennessee 37922.

**Knox County (Unincorporated Areas)**

Maps available for inspection at Knox County Engineering and Public Works, 205 West Baxter Avenue, Knoxville, Tennessee.

Send comments to The Honorable Michael R. Ragsdale, Mayor of Knox County, Office of County Mayor, 400 West Main Street, Suite 615, Knoxville, Tennessee 37902.

**City of Knoxville**

Maps available for inspection at the City of Knoxville Engineering Division, City County Building, 400 Main Street, Room 480, Knoxville, Tennessee.

Send comments to the Honorable Bill Haslam, Mayor of the City of Knoxville, P.O. Box 1631, Knoxville, Tennessee 37901.

**WEST VIRGINIA**  
**Wyoming County**

Barkers Creek .....	At the confluence with Guyandotte River .....	•1,394	•1,395	Wyoming County (Unincorporated Areas).
Clear Fork .....	Approximately 2.5 miles upstream of Milam Fork .....	None	•2,410	Wyoming County (Unincorporated Areas).
	At the upstream Town of Oceana corporate limits .....	None	•1,291	
Gooney Otter Creek .....	Approximately 0.5 mile upstream of Koppers City Bottom Road 2. At the confluence with Barkers Creek .....	None	•1,376 •1,652	Wyoming County (Unincorporated Areas).
Huff Creek .....	Approximately 1.1 miles upstream of Noseman Branch At the Wyoming County boundary .....	None None	•1,929 •973	Wyoming County (Unincorporated Areas).
Indian Creek .....	Approximately 10.5 miles upstream of county boundary At the confluence with the Guyandotte River .....	None None	•1,530 •1,137	Wyoming County (Unincorporated Areas).
Laurel Fork .....	Approximately 9.3 miles upstream of confluence with the Guyandotte River. Approximately 30 feet downstream of State Route 10 ..	•1,293 •1,362	•1,292 •1,363	Wyoming County (Unincorporated Areas).
	Approximately 0.5 mile upstream of Access Road .....	None	•1,846	

Source of flooding	Location	#Depth in feet above ground. *Elevation in feet (NGVD) •Elevation in feet (NAVD)		Communities affected
		Existing	Modified	
Muzzle Creek .....	At the confluence of Little Huff Creek .....	None	•1,079	Wyoming County (Unincorporated Areas).
	Approximately 1.5 miles upstream of the confluence of Little Huff Creek.	None	•1,177	
Slab Fork .....	Approximately 900 feet downstream of Caloric Road ...	None	•1,052	Wyoming County (Unincorporated Areas).
	Approximately 2.1 miles upstream of Jesus Way Church Bridge.	None	•1,651	

*Wyoming County (Unincorporated Areas)*

Maps available for inspection at the Wyoming County Courthouse, Main Street, Pineville, West Virginia.

Send comments to Mr. H.R. Davis, Wyoming County Commission President, P.O. Box 309, Pineville, West Virginia 24874.

(Catalog of Federal Domestic Assistance No. 83.100, "Flood Insurance.")

Dated: June 14, 2005.

**David I. Maurstad,**

*Acting Director, Mitigation Division, Emergency Preparedness and Response Directorate.*

[FR Doc. 05-12167 Filed 6-20-05; 8:45 am]

**BILLING CODE 9110-12-P**

**DEPARTMENT OF HOMELAND SECURITY**

**Federal Emergency Management Agency**

**44 CFR Part 67**

[Docket No. FEMA-P-7691]

**Proposed Flood Elevation Determinations**

**AGENCY:** Federal Emergency Management Agency, Emergency Preparedness and Response Directorate, Department of Homeland Security.

**ACTION:** Proposed rule.

**SUMMARY:** Technical information or comments are requested on the proposed Base (1% annual-chance) Flood Elevations (BFEs) and proposed BFE modifications for the communities listed below. The BFEs and modified BFEs are the basis for the floodplain management measures that the community is required either to adopt or to show evidence of being already in effect in order to qualify or remain qualified for participation in the National Flood Insurance Program (NFIP).

**DATES:** The comment period is ninety (90) days following the second publication of this proposed rule in a newspaper of local circulation in each community.

**ADDRESSES:** The proposed BFEs for each community are available for inspection at the office of the Chief Executive Officer of each community. The respective addresses are listed in the table below.

**FOR FURTHER INFORMATION CONTACT:** Doug Bellomo, P.E., Hazard Identification Section, Emergency Preparedness and Response Directorate, Federal Emergency Management Agency, 500 C Street, SW., Washington, DC 20472, (202) 646-2903.

**SUPPLEMENTARY INFORMATION:** The Federal Emergency Management Agency makes the final determinations listed below for the modified BFEs for each community listed. These modified elevations have been published in newspapers of local circulation and ninety (90) days have elapsed since that publication. The Mitigation Division Director of the Emergency Preparedness and Response Directorate has resolved any appeals resulting from this notification.

These proposed BFEs and modified BFEs, together with the floodplain management criteria required by 44 CFR 60.3, are the minimum that are required. They should not be construed to mean that the community must change any existing ordinances that are more stringent in their floodplain management requirements. The community may at any time enact stricter requirements of its own, or pursuant to policies established by other Federal, State, or regional entities. These proposed elevations are used to meet the floodplain management requirements of the NFIP and are also used to calculate the appropriate flood insurance premium rates for new buildings built after these elevations are made final, and for the contents in these buildings.

*National Environmental Policy Act.* This proposed rule is categorically

excluded from the requirements of 44 CFR part 10, Environmental Consideration. No environmental impact assessment has been prepared.

*Regulatory Flexibility Act.* The Mitigation Division Director of the Emergency Preparedness and Response Directorate certifies that this rule is exempt from the requirements of the Regulatory Flexibility Act because modified base flood elevations are required by the Flood Disaster Protection Act of 1973, 42 U.S.C. 4105, and are required to maintain community eligibility in the NFIP. No regulatory flexibility analysis has been prepared.

*Regulatory Classification.* This proposed rule is not a significant regulatory action under the criteria of Section 3(f) of Executive Order 12866 of September 30, 1993, Regulatory Planning and Review, 58 FR 51735.

*Executive Order 12612, Federalism.* This proposed rule involves no policies that have federalism implications under Executive Order 12612, Federalism, dated October 26, 1987.

*Executive Order 12778, Civil Justice Reform.* This proposed rule meets the applicable standards of Section 2(b)(2) of Executive Order 12778.

**List of Subjects in 44 CFR Part 67**

Administrative practice and procedure, Flood insurance, Reporting and recordkeeping requirements.

Accordingly, 44 CFR part 67 is proposed to be amended as follows:

**PART 67—[AMENDED]**

1. The authority citation for part 67 continues to read as follows:

**Authority:** 42 U.S.C. 4001 *et seq.*; Reorganization Plan No. 3 of 1978, 3 CFR, 1978 Comp., p. 329; E.O. 12127, 44 FR 19367, 3 CFR, 1979 Comp., p. 376.