FLOOD INSURANCE STUDY

FEDERAL EMERGENCY MANAGEMENT AGENCY

VOLUME 2 OF 7

HINDS COUNTY, MISSISSIPPI

AND INCORPORATED AREAS

COMMUNITY NAME	COMMUNITY NUMBER
BOLTON, TOWN OF	280216
BYRAM, CITY OF	280850
CLINTON, CITY OF	280071
EDWARDS, TOWN OF *	280330
HINDS COUNTY (UNINCORPORATED AREAS)	280070
JACKSON, CITY OF	280072
LEARNED, TOWN OF	280315
PEARL RIVER VALLEY WATER SUPPLY DISTRICT	280338
RAYMOND, TOWN OF	280320
TERRY, TOWN OF	280073
UTICA, TOWN OF *	285263

*No Special Flood Hazard Areas Identified

FEMA

REVISED:

PRELIMINARY
2/9/2018

FLOOD INSURANCE STUDY NUMBER

28049CV002B

Version Number 2.3.3.3

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Published Separately

Flood Insurance Rate Map (FIRM)

5.2 Hydraulic Analyses

Analyses of the hydraulic characteristics of flooding from the sources studied were carried out to provide estimates of the elevations of floods of the selected recurrence intervals. Base flood elevations on the FIRM represent the elevations shown on the Flood Profiles and in the Floodway Data tables in the FIS Report. Rounded whole-foot elevations may be shown on the FIRM in coastal areas, areas of ponding, and other areas with static base flood elevations. These whole-foot elevations may not exactly reflect the elevations derived from the hydraulic analyses. Flood elevations shown on the FIRM are primarily intended for flood insurance rating purposes. For construction and/or floodplain management purposes, users are cautioned to use the flood elevation data presented in this FIS Report in conjunction with the data shown on the FIRM. The hydraulic analyses for this FIS were based on unobstructed flow. The flood elevations shown on the profiles are thus considered valid only if hydraulic structures remain unobstructed, operate properly, and do not fail.

For streams for which hydraulic analyses were based on cross sections, locations of selected cross sections are shown on the Flood Profiles (Exhibit 1). For stream segments for which a floodway was computed (Section 6.3), selected cross sections are also listed on Table 24, “Floodway Data.”

A summary of the methods used in hydraulic analyses performed for this project is provided in Table 13. Roughness coefficients are provided in Table 14. Roughness coefficients are values representing the frictional resistance water experiences when passing overland or through a channel. They are used in the calculations to determine water surface elevations. Greater detail (including assumptions, analysis, and results) is available in the archived project documentation.

Table 13: Summary of Hydrologic and Hydraulic Analyses

Flooding Source	Study Limits		Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
	Downstream Limit	Upstream Limit					
All Zone A Streams Studied in the 2009 FIS	Various	Various	Unknown	Unknown	2008	A	
Allen Creek	Confluence with French Creek Tributary 1	Approximately 1,530 feet downstream of Woodchase Park Drive	Regression Equations	HEC-2	4/1979	AE w/ Floodway	
Allen Creek	Approximately 1,530 feet downstream of Woodchase Park Drive	Approximately 80 feet downstream of Crosskeys Drive	Regression Equations	HEC-RAS 4.1.0	7/2014	AE w/ Floodway	
Allen Creek Tributary	Confluence with Allen Creek	Approximately 0.1 mile downstream of Woodstone Road	Regression Equations	HEC-2	5/16/2005	AE w/ Floodway	
Allen Creek Tributary	Approximately 0.1 mile downstream of Woodstone Road	Approximately 70 feet upstream of Rock Glenn Drive	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Bakers Creek	Confluence with Fourteen Mile Creek	Approximately 1,500 feet downstream of Champion Hill Road	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE w/ Floodway	
Bakers Creek	Approximately 1,500 feet downstream of Champion Hill Road	Approximately 0.75 miles upstream of McCraven Road	Regression Equations	HEC-2	3/1977	AE w/ Floodway	

Flooding Source	Study Limits		Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
	Downstream Limit	Upstream Limit					
Bakers Creek Tributary 1	Confluence with Bakers Creek	Approximately 2.3 miles upstream of the confluence with Bakers Creek	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Bakers Creek Tributary 2	Confluence with Bakers Creek	Just upstream of Dunn Pease Road	Streamflow Gages	HEC-2	6/1977	AE w/ Floodway	
Bakers Creek Tributary 2-1	Confluence with Bakers Creek	Approximately 1.0 miles upstream from the confluence with Bakers Creek Tributary 2	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Belhaven Creek	Confluence with the Pearl River	Approximately 0.13 miles upstream of Laurel Street	Generalized Frequency Curves Derived from Streamflow Gages	HEC-2	2/1977	AE w/ Floodway	
Big Black River	Approximately 2.1 miles downstream of State Highway 27	Approximately 3.5 miles upstream of the confluence of Bogue Falia Creek	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Big Creek	Confluence with the Pearl River	Highway 18	Generalized Frequency Curves Derived from Streamflow Gages	HEC-2	2/1977	AE w/ Floodway	
Big Creek	Highway 18	Approximately 0.2 miles upstream of Highway 18	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Big Creek Tributary 1	Approximately 2,700 feet upstream of the confluence with Big Creek	Approximately 14,000 feet upstream of the confluence with Big Creek	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE w/ Floodway	

Flooding Source	Study Limits		Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
	Downstream Limit	Upstream Limit					
Big Creek Tributary 2	Confluence with Big Creek	McClure Road	Generalized Frequency Curves Derived from Streamflow Gages	HEC-2	2/1977	AE w/ Floodway	
Big Creek Tributary 3	Confluence with Big Creek	Approximately 1.2 miles upstream of Springridge Road	Generalized Frequency Curves Derived from Streamflow Gages	HEC-2	2/1977	AE w/ Floodway	
Big Creek Tributary 4	Approximately 0.4 miles downstream of Raymond Road	Raymond Road	Generalized Frequency Curves Derived from Streamflow Gages	HEC-2	2/1977	A	
Big Creek Tributary 5	Confluence with Big Creek	Approximately 0.47 miles upstream of Cedarwood Road	Generalized Frequency Curves Derived from Streamflow Gages	HEC-2	2/1977	AE w/ Floodway	
Big Creek Tributary 6	Confluence with Big Creek Tributary 5	Approximately 0.51 miles upstream of State Highway 18	Generalized Frequency Curves Derived from Streamflow Gages	HEC-2	2/1977	AE w/ Floodway	
Big Creek Tributary 7	Confluence with Big Creek	State Highway 18	Generalized Frequency Curves Derived from Streamflow Gages	HEC-2	2/1977	AE w/ Floodway	
Big Creek Tributary 7	Highway 18	Approximately 0.1 miles upstream of State Highway 18	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	

Flooding Source	Study Limits		Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
	Downstream Limit	Upstream Limit					
Bitter Creek	Confluence with Terrell Creek	Approximately 2.2 miles upstream of the confluence with Terrell Creek	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Bogue Chitto Creek	County Boundary	Approximately 0.8 miles downstream of Cynthia Road	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Bogue Chitto Creek	Approximately 0.8 miles downstream of Cynthia Road	Approximately 300 feet upstream of Medger Evers Boulevard	Regression Equations	HEC-2	2/1977	AE w/ Floodway	
Bogue Chitto Creek	Approximately 300 feet upstream of Medger Evers Boulevard	Approximately 500 feet upstream of Hilda Drive	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Bogue Chitto Creek Tributary 1	Confluence with Bogue Chitto Creek	Just upstream of Vicksburg Road	Generalized Frequency Curves Derived from Streamflow Gages	HEC-2	2/1977	AE w/ Floodway	
Bogue Chitto Creek Tributary 2	Confluence with Bogue Chitto Creek	Approximately 120 feet upstream of Northside Drive	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Bogue Chitto Creek Tributary 3	Confluence with Bogue Chitto Creek Tributary 4	Approximately 90 feet downstream of Northside Drive	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Bogue Chitto Creek Tributary 4	Confluence with Bogue Chitto Creek	Approximately 100 feet downstream from the confluence of Bogue Chitto Creek Tributary 5	Generalized Frequency Curves Derived from Streamflow Gages	HEC-2	2/1977	AE w/ Floodway	

Flooding Source	Study Limits		Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
	Downstream Limit	Upstream Limit					
Bogue Chitto Creek Tributary 4	Approximately 100 feet downstream from the confluence of Bogue Chitto Creek Tributary 5	Approximately 3,500 feet upstream of Northside Drive	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Bogue Chitto Creek Tributary 5	Confluence with Bogue Chitto Creek Tributary 4	Approximately 300 feet upstream of Richardson Drive	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Bogue Chitto Creek Tributary 6	Confluence with Bogue Chitto Creek	Approximately 0.6 miles upstream of the confluence of Bogue Chitto Creek Tributary 6-1	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Bogue Chitto Creek Tributary 6-1	Confluence with Bogue Chitto Creek Tributary 6	Approximately 0.3 miles upstream of the confluence with Bogue Chitto Creek Tributary 6	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Bogue Chitto Creek Tributary 7	Confluence with Bogue Chitto Creek	Approximately 400 feet upstream of U.S. Highway 49	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Bogue Chitto Creek Tributary 8	Confluence with Bogue Chitto Creek	Approximately 1.6 miles upstream of U.S. Highway 49	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Bogue Chitto Creek Tributary 8-1	Confluence with Bogue Chitto Creek Tributary 8	Approximately 200 feet upstream of U.S. Highway 49	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Bogue Chitto Creek Tributary 9	Confluence with Bogue Chitto Creek	Approximately 350 feet downstream County Line Road	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Bogue Chitto Creek Tributary 9-1	Confluence with Bogue Chitto Creek Tributary 9	Approximately 0.6 miles upstream of U.S. Highway 49	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	

Flooding Source	Study Limits		Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
	Downstream Limit	Upstream Limit					
Bogue Chitto Creek Tributary 9-2	Confluence with Bogue Chitto Creek Tributary 9	Approximately 0.3 miles upstream of Maclean Road	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Bogue Chitto Creek Tributary 9-3	Confluence with Bogue Chitto Creek Tributary 9	Approximately 0.9 miles upstream of Billy Bell Road	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Bogue Chitto Creek Tributary 9-4	Confluence with Bogue Chitto Creek Tributary 9	Approximately 1.3 miles upstream of Billy Bell Road	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Bogue Chitto Creek Tributary 10	Confluence with Bogue Chitto Creek	Approximately 1.9 miles upstream of the confluence with Bogue Chitto Creek	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Bogue Chitto Creek Tributary 11	Confluence with Bogue Chitto Creek	Approximately 1.0 miles upstream of the confluence with Bogue Chitto Creek	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Bogue Chitto Creek Tributary 12	Confluence with Bogue Chitto Creek	Approximately 1.8 miles upstream of confluence with Bogue Chitto Creek	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Bogue Chitto Creek Tributary 13	Confluence with Bogue Chitto Creek	Carsley Road	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Bogue Chitto Creek Tributary 14	Confluence with Bogue Chitto Creek	Approximately 0.3 miles upstream of Springdale Road	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Bogue Chitto Creek Tributary 15	Confluence with Bogue Chitto Creek	County Boundary	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Cany Creek	Confluence with the Pearl River	State Highway 18	1991 MS Regression Equations	HEC-RAS 4.1.0	7/2014	AE w/ Floodway	

Flooding Source	Study Limits		Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
	Downstream Limit	Upstream Limit					
Chestnut Creek Tributary 1	County Boundary	Approximately 0.6 miles upstream of the county boundary	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Chestnut Creek Tributary 3	County Boundary	Approximately 0.9 miles upstream of county boundary	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Eubanks Creek	Confluence with the Pearl River	Approximately 80 feet upstream of W Northside Drive	Gage Analysis	HEC-RAS 4.1.0	7/2014	AE w/ Floodway	
Eubanks Creek Tributary 3	Confluence with Eubanks Creek	Approximately 1,100 feet upstream of Montbrook Drive	Generalized Frequency Curves Derived from Streamflow Gages	HEC-2	2/1977	AE w/ Floodway	
Eubanks Creek Tributary 4	Confluence with Eubanks Creek Tributary 5	Approximately 400 feet upstream of Naples Road	Generalized Frequency Curves Derived from Streamflow Gages	HEC-2	2/1977	AE w/ Floodway	
Eubanks Creek Tributary 5	Confluence with Eubanks Creek	Iris Avenue	Generalized Frequency Curves Derived from Streamflow Gages	HEC-2	2/1977	AE w/ Floodway	
Eubanks Creek Tributary 6	Confluence with Eubanks Creek	Witsell Road	Generalized Frequency Curves Derived from Streamflow Gages	HEC-2	2/1977	AE w/ Floodway	
Eubanks Creek Tributary 6-1	Confluence with Eubanks Creek Tributary 6	Beaver Brook Drive	Generalized Frequency Curves Derived from Streamflow Gages	HEC-2	2/1977	AE w/ Floodway	

Flooding Source	Study Limits		Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
	Downstream Limit	Upstream Limit					
Eubanks Creek Tributary 7	Confluence with Eubanks Creek	Approximately 1,030 feet upstream of Northside Drive	Generalized Frequency Curves Derived from Streamflow Gages	HEC-2	2/1977	AE w/ Floodway	
Fleetwood Creek	Confluence with Bakers Creek	Approximately 0.6 miles upstream of the confluence of Fleetwood Creek Tributary 4	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Fleetwood Creek Tributary 1	Confluence with Fleetwood Creek	Approximately 1.5 miles upstream of the confluence with Fleetwood Creek	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Fleetwood Creek Tributary 2	Confluence with Fleetwood Creek	Approximately 1.8 miles upstream of the confluence with Fleetwood Creek	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Fleetwood Creek Tributary 3	Confluence with Fleetwood Creek	Approximately 0.7 miles upstream of the confluence with Fleetwood Creek	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Fleetwood Creek Tributary 4	Confluence with Fleetwood Creek	Approximately 0.7 miles upstream of the confluence with Fleetwood Creek	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Fourteen Mile Creek	Confluence with the Big Black River	Approximately 0.7 miles upstream of the confluence of Fourteen Mile Creek Tributary 2	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Fourteen Mile Creek Tributary 1	Confluence with Fourteen Mile Creek	Approximately 2.1 miles upstream of Smith Station Road	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	

Flooding Source	Study Limits		Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
	Downstream Limit	Upstream Limit					
Fourteen Mile Creek Tributary 2	Confluence with Fourteen Mile Creek	Approximately 0.5 miles upstream of Dry Grove Road	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
French Creek	Confluence with Fourteen Mile Creek	Approximately 0.2 miles upstream of Zepher Road	Regression Equations	HEC-2	4/1979	AE w/ Floodway	
French Creek Tributary 1	Confluence with French Creek	Approximately 500 feet upstream of the confluence of French Creek Tributary 2	Regression Equations	HEC-2	4/1979	AE w/ Floodway	
French Creek Tributary 1	Approximately 500 feet upstream of the confluence of French Creek Tributary 2	Approximately 0.3 miles upstream of Highway 80	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
French Creek Tributary 2	Confluence with French Creek Tributary 1	Approximately 0.2 miles upstream of Highway 80	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
French Creek Tributary 3	Confluence with French Creek	Approximately 0.6 miles upstream of the confluence with French Creek	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
French Creek Tributary 4	Confluence with French Creek	Approximately 0.4 miles upstream of Norman Street	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
French Creek Tributary 5	Confluence with French Creek	Zepher Road	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Hanging Moss Creek	Confluence with the Pearl River	Madison County Boundary	Gage Analysis	HEC-2	2/1977	AE w/ Floodway	

Flooding Source	Study Limits		Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
	Downstream Limit	Upstream Limit					
Hanging Moss Creek Tributary 1	Approximately 0.17 miles upstream of the confluence with Hanging Moss Creek	Approximately 0.1 miles downstream of Beasley Road	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Hanging Moss Creek Tributary 3	Confluence with Hanging Moss Creek	City of Jackson Boundary	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Hanging Moss Creek Tributary 4	Confluence with Hanging Moss Creek Tributary	Madison County Boundary	Generalized Frequency Curves Derived from Streamflow Gages	HEC-2	2/1977	AE w/ Floodway	
Hanging Moss Creek Tributary 5	Confluence with Hanging Moss Creek	Madison County Boundary	Generalized Frequency Curves Derived from Streamflow Gages	HEC-2	2/1977	AE w/ Floodway	
Hanging Moss Creek Tributary 5-1	Confluence with Hanging Moss Creek Tributary 5	Approximately 0.2 miles upstream of Westwind Road	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Hanging Moss Creek Tributary 5-2	Confluence with Hanging Moss Creek Tributary 5	Approximately 0.23 miles upstream of U.S. Interstate 220	Generalized Frequency Curves Derived from Streamflow Gages	HEC-2	1/1985	AE w/ Floodway	
Hanging Moss Creek Tributary 6	Confluence with Hanging Moss Creek	Approximately 600 feet upstream of Fairwood Drive	Generalized Frequency Curves Derived from Streamflow Gages	HEC-2	2/1977	AE w/ Floodway	

Flooding Source	Study Limits		Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
	Downstream Limit	Upstream Limit					
Hanging Moss Creek Tributary 7	Confluence with Hanging Moss Creek	County Boundary	Generalized Frequency Curves Derived from Streamflow Gages	HEC-2	2/1977	AE w/ Floodway	
Hardy Creek	Confluence with the Pearl River	Approximately 650 feet upstream of Raymond Road	Generalized Frequency Curves Derived from Streamflow Gages	HEC-2	2/1977	AE w/ Floodway	
Hardy Creek Tributary 1	Confluence with Hardy Creek	Flowers Drive	1991 MS Regression Equations	HEC-RAS 4.1.0	7/2014	AE w/ Floodway	
Harris Creek	Confluence with Rhodes Creek	Approximately 1.2 miles upstream of U.S. Interstate 55	Regression Streams	HEC-2	3/1977	AE w/ Floodway	
Harris Creek	Approximately 1.2 miles upstream of U.S. Interstate 55	Approximately 1.2 miles upstream of Stubbs Road	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Harris Creek Tributary 1	Confluence with Harris Creek	Approximately 1.3 miles upstream of Green Gable Road	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Henry Creek	Confluence with Bakers Creek	Approximately 80 feet downstream of Pebble Brook Drive	Regression Equations	HEC-2	4/1979	AE w/ Floodway	
Jackson Creek	Confluence with Bakers Creek	Approximately 0.4 miles upstream of State Highway 467	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Limekiln Creek	Confluence with Bogue Chitto Creek	County Boundary	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Limekiln Creek Tributary 1	Confluence with Limekiln Creek	County Boundary	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	

Flooding Source	Study Limits		Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
	Downstream Limit	Upstream Limit					
Limekiln Creek Tributary 1-1	Confluence with Limekiln Creek Tributary 1	Approximately 0.7 miles upstream of Stigger Road	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Limekiln Creek Tributary 2	Confluence with Limekiln Creek	Approximately 1.7 miles upstream of U.S. Highway 49	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Limekiln Creek Tributary 2-1	Confluence with Limekiln Creek Tributary 2	Approximately 0.9 miles upstream of Lanewood Road	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Limekiln Creek Tributary 3	Confluence with Limekiln Creek	County Boundary	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Lindsey Creek	Confluence with Bakers Creek	Approximately 775 feet upstream of the Natchez Trace Parkway	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Lindsey Creek	Approximately 775 feet upstream of the Natchez Trace Parkway	Approximately 200 feet upstream of Oak Hill Circle	Regression Equations	HEC-2	4/1979	AE w/ Floodway	
Lindsey Creek Tributary 1	Confluence with Lindsey Creek	Approximately 1.6 miles upstream of the confluence with Lindsey Creek	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Lindsey Creek Tributary 2	Approximately 0.6 miles upstream of the confluence with Lindsey Creek	Approximately 0.8 miles upstream of Norrell Road	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Lindsey Creek Tributary 3	Confluence with Lindsey Creek	Approximately 1.1 miles upstream of the confluence with Lindsey Creek	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	

Flooding Source	Study Limits		Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
	Downstream Limit	Upstream Limit					
Little Creek	Confluence with Rhodes Creek	Approximately 0.1 miles upstream of Flowers Road	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Little Bakers Creek	Confluence with Bakers Creek	Approximately 0.3 miles upstream of railroad bridge	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Little Bakers Creek Tributary 1	Confluence with Little Bakers Creek	Approximately 0.6 miles upstream of U.S. Interstate 20	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Little Bakers Creek Tributary 2	Confluence with Little Bakers Creek	Approximately 1.0 miles upstream of the confluence with Little Bakers Creek	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Little Bakers Creek Tributary 3	Confluence with Little Bakers Creek	Approximately 0.27 miles upstream of U.S. Interstate 20	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Little Bakers Creek Tributary 3-1	Confluence with Little Bakers Creek Tributary 3	Approximately 0.9 miles upstream of the confluence with Little Bakers Creek Tributary 3	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Little Bakers Creek Tributary 4	Confluence with Little Bakers Creek	Approximately 1.1 miles upstream of the confluence with Little Bakers Creek	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Little Bakers Creek Tributary 5	Confluence with Little Bakers Creek	Approximately 0.6 miles upstream of the confluence with Little Bakers Creek	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Little Bakers Creek Tributary 6	Confluence with Little Bakers Creek	Approximately 0.4 miles upstream of the railroad bridge	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Lynch Creek	Confluence with the Pearl River	St. Charles Street	Regression Equations	HEC-2	7/13/1998	AE w/ Floodway	

Flooding Source	Study Limits		Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
	Downstream Limit	Upstream Limit					
Lynch Creek	St. Charles Street	Approximately 350 feet upstream of the confluence of Lynch Creek Tributary 7	Regression Equations	HEC-2	2/1977	AE w/ Floodway	
Lynch Creek	Approximately 350 feet upstream of the confluence of Lynch Creek Tributary 7	Queen Julianna Lane	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE w/ Floodway	
Lynch Creek Tributary 1	Confluence with Lynch Creek	Approximately 0.49 miles upstream of Gibralter Drive	Generalized Frequency Curves Derived from Streamflow Gages	HEC-2	2/1977	AE w/ Floodway	
Lynch Creek Tributary 2	Confluence with Lynch Creek	Approximately 100 feet upstream of Booker Street	Generalized Frequency Curves Derived from Streamflow Gages	HEC-2	2/1977	AE w/ Floodway	
Lynch Creek Tributary 3	Confluence with Lynch Creek	Just upstream of Barnett Drive	Generalized Frequency Curves Derived from Streamflow Gages	HEC-2	2/1977	AE w/ Floodway	
Lynch Creek Tributary 4	Confluence with Lynch Creek	Approximately 0.2 miles upstream of Gault Street	Generalized Frequency Curves Derived from Streamflow Gages	HEC-2	2/1977	AE w/ Floodway	
Lynch Creek Tributary 4-1	Confluence with Lynch Creek Tributary 4	Approximately 0.56 miles upstream of Westhaven Boulevard	Generalized Frequency Curves Derived from Streamflow Gages	HEC-2	2/1977	AE w/ Floodway	

Flooding Source	Study Limits		Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
	Downstream Limit	Upstream Limit					
Lynch Creek Tributary 5	Confluence with Lynch Creek	At railroad bridge	Generalized Frequency Curves Derived from Streamflow Gages	HEC-2	2/1977	AE w/ Floodway	
Lynch Creek Tributary 5-1	Confluence with Lynch Creek Tributary 5	Approximately 0.9 miles upstream of the confluence with Lynch Creek Tributary 5	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Lynch Creek Tributary 6	Confluence with Lynch Creek	Approximately 600 feet upstream of Columbus Street	Generalized Frequency Curves Derived from Streamflow Gages	Lake Routing Analysis	2/1977	AE w/ Floodway	
McDonald Creek	Confluence with Fourteen Mile Creek	Approximately 1.1 miles upstream of Dry Grove Road	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Pearl River	County Boundary with Copiah County	County Boundary with Madison County	Modified Puls Routing Techniques	HEC-2	1/1994	AE w/ Floodway	
Pearl River Tributary 1	Approximately 0.8 miles upstream of the confluence of Pearl River Tributary 2	Approximately 0.5 miles upstream of the railroad culvert	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Pearl River Tributary 2	Approximately 1.3 miles upstream of the confluence with Pearl River Tributary 1	Approximately 0.6 miles upstream of U.S. Interstate 55	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Purple Creek	Confluence with the Pearl River	County Boundary	Gage Analysis	HEC-2	2/1977	AE w/ Floodway	

Flooding Source	Study Limits		Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
	Downstream Limit	Upstream Limit					
Rhodes Creek	Confluence with the Pearl River	Seven Springs Road	Gage Analysis	HEC-2	3/1977	AE w/ Floodway	
Rhodes Creek	Seven Springs Road	Approximately 0.2 miles upstream of Seven Springs Road	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Rhodes Creek Tributary 1	Confluence with Rhodes Creek	Approximately 0.6 miles upstream of the confluence with Rhodes Creek	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Rhodes Creek Tributary 2	Approximately 0.2 miles upstream of the confluence with Rhodes Creek	Approximately 0.5 miles upstream of the confluence with Rhodes Creek	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Rhodes Creek Tributary 4	Confluence with Rhodes Creek	Terry Road	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Rhodes Creek Tributary 5	Confluence with Rhodes Creek	Approximately 0.8 miles upstream of the confluence with Rhodes Creek	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Rhodes Creek Tributary 6	Confluence with Rhodes Creek	Approximately 0.5 miles upstream of the confluence with Rhodes Creek	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
School Creek	Confluence with the Pearl River	County Boundary	Generalized Frequency Curves Derived from Streamflow Gages	HEC-2	2/1977	AE w/ Floodway	
Smith Creek	Confluence with Bakers Creek	Approximately 0.25 miles upstream of Siwell Road	Regression Equations	HEC-2	6/1977	AE w/ Floodway	

Flooding Source	Study Limits		Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
	Downstream Limit	Upstream Limit					
Smith Creek Tributary 1	Confluence with Smith Creek	Approximately 0.34 miles upstream of State Highway 18	Regression Equations	HEC-2	6/1977	AE w/ Floodway	
Smith Creek Tributary 2	Confluence with Smith Creek	Approximately 0.22 miles upstream of the confluence with Smith Creek	Regression Equations	HEC-2	6/1977	AE w/ Floodway	
Smith Creek Tributary 3	Confluence with Smith Creek Tributary 1	Approximately 0.58 miles upstream of the confluence with Smith Creek Tributary 1	Regression Equations	HEC-2	6/1977	AE w/ Floodway	
Snake Creek	Confluence with Bakers Creek	Approximately 0.4 miles upstream of State Highway 18	Regression Equations	HEC-2	6/1977	AE w/ Floodway	
Snake Creek	Approximately 0.4 miles upstream of State Highway 18	Approximately 1.2 miles upstream of the confluence of Snake Creek Tributary 1	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Snake Creek Tributary 1	Confluence with Snake Creek	Approximately 1.2 miles upstream of the confluence with Snake Creek	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Straight Fence Creek	Confluence with Bogue Chitto Creek	Williamson Road	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Straight Fence Creek	Williamson Road	Approximately 0.27 miles upstream of Arrow Drive	Regression Equations	HEC-2	6/1977	AE w/ Floodway	
Straight Fence Creek Tributary 1	Confluence with Straight Fence Creek	Approximately 200 feet upstream of Clinton-Tinnon Road	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	

Flooding Source	Study Limits		Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
	Downstream Limit	Upstream Limit					
Straight Fence Creek Tributary 1-1	Confluence with Straight Fence Creek Tributary 1	Approximately 750 feet upstream of McGuffee Road	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Straight Fence Creek Tributary 2	Confluence with Straight Fence Creek	Approximately 2.0 miles upstream of McGuffee Road	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Straight Fence Creek Tributary 2-1	Confluence with Straight Fence Creek Tributary 2	Approximately 0.7 miles upstream of the confluence with Straight Fence Creek Tributary 2	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Straight Fence Creek Tributary 3	Confluence with Straight Fence Creek	Jimmy Williams Road	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Straight Fence Creek Tributary 3-1	Confluence with Straight Fence Creek Tributary 3	Approximately 0.6 miles upstream of McGuffee Road	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Straight Fence Creek Tributary 4	Confluence with Straight Fence Creek	Approximately 0.3 miles upstream of Noah Johnson Road	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Straight Fence Creek Tributary 5	Confluence with Straight Fence Creek	Approximately 2.2 miles upstream of the confluence with Straight Fence Creek	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Straight Fence Creek Tributary 5-1	Confluence with Straight Fence Creek Tributary 5	Approximately 0.6 miles upstream of the confluence with Straight Fence Creek Tributary 5	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	

Flooding Source	Study Limits		Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
	Downstream Limit	Upstream Limit					
Straight Fence Creek Tributary 6	Confluence with Straight Fence Creek	Approximately 2.3 miles upstream of the confluence with Straight Fence Creek	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Straight Fence Creek Tributary 6-1	Confluence with Straight Fence Creek Tributary 6	Approximately 1.0 miles upstream of the confluence with Straight Fence Creek Tributary 6	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Straight Fence Creek Tributary 6-2	Confluence with Straight Fence Creek Tributary 6	Approximately 0.25 miles upstream of the confluence with Straight Fence Creek Tributary 6	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Straight Fence Creek Tributary 7	Confluence with Straight Fence Creek	Pinehaven Drive	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Stream 1	Town of Bolton Corporate Limits	Approximately 0.82 miles upstream of Bolton Brownsville Road	Regression Equations	HEC-2	3/1977	AE w/ Floodway	
Stream 2	Town of Bolton Corporate Limits	Approximately 140 feet upstream of Jackson Street	Regression Equations	HEC-2	3/1977	AE w/ Floodway	
Stream B	Confluence with Limekiln Creek	County Boundary	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Stream B Tributary 1	Confluence with Stream B	Approximately 0.6 miles upstream of the confluence with Stream B	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	

Flooding Source	Study Limits		Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
	Downstream Limit	Upstream Limit					
Stream B Tributary 2	Confluence with Stream B	County Boundary	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Terrell Creek	Lake Shore Road	Approximately 2.2 miles upstream of Learned-Oakley Road	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Three Mile Creek	Confluence with the Pearl River	Cummins Street	Gage-weighted 1991 MS Regression Equations	HEC-RAS 4.1.0	7/2014	AE w/ Floodway	
Three Mile Creek Tributary 1	Confluence with Three Mile Creek	Gunda Street	Regression Equations	HEC-2	2/1977	AE w/ Floodway	
Town Creek	Confluence with the Pearl River	Immediately downstream of U.S. Interstate 220	Gage-weighted 1991 MS Regression Equations	HEC-RAS 4.1.0	7/2014	AE w/ Floodway	
Town Creek	Immediately downstream of U.S. Interstate 220	Approximately 0.5 miles upstream of Forest Avenue	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Town Creek Tributary 2	Confluence with Town Creek	Michael Avalon Street	Generalized Frequency Curves Derived from Streamflow Gages	HEC-2	2/1977	AE w/ Floodway	
Town Creek Tributary 2	Michael Avalon Street	Approximately 270 feet upstream of Marshall Place	1991 MS Regression Equations	HEC-RAS 4.1.0	7/2014	AE w/ Floodway	
Town Creek Tributary 3	Confluence with Town Creek	Approximately 1,230 feet upstream of West Woodrow Wilson Drive	Generalized Frequency Curves Derived from Streamflow Gages	HEC-2	2/1977	AE w/ Floodway	

Flooding Source	Study Limits		Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
	Downstream Limit	Upstream Limit					
Town Creek Tributary 3	Approximately 1,230 feet upstream of West Woodrow Wilson Drive	Approximately 230 feet upstream of Marion Dunbar Street	1991 MS Regression Equations	HEC-RAS 4.1.0	7/2014	AE w/ Floodway	
Town Creek Tributary 4	Confluence with Town Creek	Overbrook Drive	Generalized Frequency Curves Derived from Streamflow Gages	HEC-2	2/1977	AE w/ Floodway	
Town Creek Tributary 5	Confluence with Town Creek	Approximately 0.45 miles upstream of railroad bridge	Generalized Frequency Curves Derived from Streamflow Gages	HEC-2	2/1977	AE w/ Floodway	
Trahon Creek	Confluence with the Pearl River	Henderson Road	Generalized Frequency Curves Derived from Streamflow Gages	HEC-2	2/1977	AE w/ Floodway	
Trahon Creek Tributary 2	Confluence with Trahon Creek	Approximately 0.81 miles upstream of Henderson Road	Generalized Frequency Curves Derived from Streamflow Gages	HEC-2	2/1977	AE w/ Floodway	
Trahon Creek Tributary 3	Confluence with Trahon Creek	Approximately 150 feet upstream of Lake Shore Road	Generalized Frequency Curves Derived from Streamflow Gages	HEC-2	2/1977	AE w/ Floodway	
Trahon Creek Tributary 3	Approximately 150 feet upstream of Lake Shore Road	Approximately 0.8 miles upstream of Lake Shore Road	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	

Flooding Source	Study Limits		Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
	Downstream Limit	Upstream Limit					
Turkey Creek	Confluence with Fourteen Mile Creek	Approximately 0.9 miles upstream of State Highway 467	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Turkey Creek Tributary 1	Confluence with Turkey Creek	Approximately 1.1 miles upstream of the Natchez Trace Parkway	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Turkey Creek Tributary 2	Confluence with Turkey Creek	Approximately 0.7 miles upstream of the Natchez Trace Parkway	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Twelve Mile Creek	Confluence with Fourteen Mile Creek	Approximately 1.0 miles upstream of the Natchez Trace Parkway	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Twin Lakes Creek G	Confluence with Pearl River	Kimwood Drive	Generalized Frequency Curves Derived from Streamflow Gages Generalized Frequency Curves Derived from Streamflow Gages	HEC-2	2/1977	AE w/ Floodway	
Twin Lakes Creek H	Confluence with Twin Lakes H	Meadowbrook Road	Regression Equations	HEC-2	2/1977	AE w/ Floodway	
Vaughn Creek	Confluence with the Pearl River	Moncure Marble Road	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Vaughn Creek	Moncure Marble Road	Approximately 0.6 miles upstream of U.S. Interstate 55	Regression Equations	HEC-2	3/1/1977	AE w/ Floodway	

Flooding Source	Study Limits		Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
	Downstream Limit	Upstream Limit					
Vaughn Creek	Approximately 0.6 miles upstream of U.S. Interstate 55	Approximately 0.5 miles upstream of Volley Campbell Road	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Vaughn Creek Tributary 1	Confluence with Vaughn Creek	Approximately 0.1 miles upstream of Jack Johnson Road	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Vaughn Creek Tributary 1-1	Confluence with Vaughn Creek Tributary 1	Approximately 0.8 miles upstream of the confluence with Vaughn Creek Tributary 1	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Vaughn Creek Tributary 2	Confluence with Vaughn Creek	Approximately 0.36 miles upstream of Beasley Road	Regression Equations	HEC-2	3/1/1977	AE	
Vaughn Creek Tributary 3	Confluence with Vaughn Creek Tributary 2	Approximately 0.2 miles upstream of Cassidy Road	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Vaughn Creek Tributary 3-1	Confluence with Vaughn Creek Tributary 3	Approximately 1.1 miles upstream of the confluence with Vaughn Creek Tributary 3	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
Vaughn Creek Tributary 3-2	Confluence with Vaughn Creek Tributary 3	Approximately 0.1 miles upstream of Cassidy Road	1991 MS Regression Equations	HEC-RAS 3.1.2	3/2008	AE	
White Oak Creek	Confluence with Hanging Moss Creek	County Boundary	Generalized Frequency Curves Derived from Streamflow Gages	HEC-2	2/1/1977	AE w/ Floodway	

Table 14: Roughness Coefficients

Flooding Source	Channel “n”	Overbank “n”
Allen Creek	0.025-0.05	0.10-0.15
Bakers Creek	0.05	0.16
Bakers Creek Tributary 1	0.05	0.16
Bakers Creek Tributary 2-1	0.05	0.17
Bitter Creek	0.05	0.15
Big Black River	0.055	0.14-0.18
Big Creek	0.05	0.15
Big Creek Tributary 4	0.047	0.13
Bogue Chitto Creek	0.04-0.05	0.10-0.12
Bogue Chitto Creek Tributary 2	0.045-0.05	0.12-0.15
Bogue Chitto Creek Tributary 3	0.045-0.05	0.12-0.15
Bogue Chitto Creek Tributary 4	0.05	0.12-0.15
Bogue Chitto Creek Tributary 5	0.04-0.05	0.10-0.15
Bogue Chitto Creek Tributary 6	0.04-0.05	0.10-0.15
Bogue Chitto Creek Tributary 6-1	0.04-0.05	0.10-0.15
Bogue Chitto Creek Tributary 7	0.045-0.10	0.10-0.15
Bogue Chitto Creek Tributary 8	0.04-0.055	0.12-0.15
Bogue Chitto Creek Tributary 8-1	0.045	0.10-0.15
Bogue Chitto Creek Tributary 9	0.04-0.05	0.10-0.15
Bogue Chitto Creek Tributary 9-1	0.035-0.04	0.10-0.15
Bogue Chitto Creek Tributary 9-2	0.035-0.04	0.10-0.15
Bogue Chitto Creek Tributary 9-3	0.045-0.05	0.10-0.15
Bogue Chitto Creek Tributary 9-4	0.04-0.045	0.10-0.15
Bogue Chitto Creek Tributary 10	0.05	0.12
Bogue Chitto Creek Tributary 11	0.045-0.05	0.12-0.15
Bogue Chitto Creek Tributary 12	0.04	0.10-0.15
Bogue Chitto Creek Tributary 13	0.045-0.05	0.10-0.12
Bogue Chitto Creek Tributary 14	0.035-0.04	0.10-0.12
Bogue Chitto Creek Tributary 15	0.045	0.10-0.15
Brown Creek	0.05	0.17
Caney Creek	0.05	0.06-0.15
Chestnut Creek Tributary 1	0.05	0.15

Flooding Source	Channel “n”	Overbank “n”
Chestnut Creek Tributary 3	0.05	0.15
Eubanks Creek	0.04-0.05	0.1-0.15
Fleetwood Creek	0.05	0.13
Fleetwood Creek Tributary 1	0.05	0.13
Fleetwood Creek Tributary 2	0.05	0.13
Fleetwood Creek Tributary 3	0.05	0.13
Fleetwood Creek Tributary 4	0.05	0.13
Fourteen Mile Creek	0.055	0.165
Fourteen Mile Creek Tributary 1	0.055	0.13
Fourteen Mile Creek Tributary 2	0.05	0.13
French Creek	0.05	0.16
French Creek Tributary 1	0.04	0.12-0.17
French Creek Tributary 2	0.05	0.12-0.17
French Creek Tributary 3	0.05	0.17
French Creek Tributary 4	0.05	0.17
Hanging Moss Creek Tributary 1	0.05	0.15-0.17
Hanging Moss Creek Tributary 2	0.05	0.14
Hanging Moss Creek Tributary 3	0.045	0.12
Hanging Moss Creek Tributary 5-1	0.044	0.15
Hardy Creek Tributary 1	0.033-0.05	0.06-0.15
Harris Creek	0.05-0.054	0.13-0.15
Harris Creek Tributary 1	0.05	0.13-0.15
Jackson Creek	0.05	0.15
Lindsey Creek	0.05-0.06	0.17-0.2
Lindsey Creek Tributary 1	0.05	0.15
Lindsey Creek Tributary 2	0.05	0.14
Lindsey Creek Tributary 4	0.05	0.15
Limekiln Creek	0.04-0.055	0.10-0.15
Limekiln Creek Tributary 1	0.04-0.05	0.10-0.15
Limekiln Creek Tributary 1-1	0.05-0.06	0.15
Limekiln Creek Tributary 2	0.045-0.05	0.10-0.15
Limekiln Creek Tributary 2-1	0.04-0.05	0.10-0.15
Limekiln Creek Tributary 3	0.04-0.05	0.12-0.15
Limekiln Creek Tributary 4	0.045-0.05	0.10-0.15

Flooding Source	Channel “n”	Overbank “n”
Limekiln Creek Tributary 4-1	0.045	0.12-0.15
Little Bakers Creek	0.06	0.16
Little Bakers Creek Tributary 1	0.05	0.15
Little Bakers Creek Tributary 2	0.05	0.17
Little Bakers Creek Tributary 7	0.05	0.16
Little Bakers Creek Tributary 7-1	0.05	0.16
Little Bakers Creek Tributary 9	0.04	0.16
Little Bakers Creek Tributary 11	0.05	0.17
Little Bakers Creek Tributary 12	0.05	0.16
Little Creek	0.054	0.17-0.18
Lynch Creek Tributary 5-1	0.05	0.17
McDonald Creek	0.05	0.15
Patrol Creek	0.05	0.17
Pearl River Tributary 1	0.05	0.13-0.15
Pearl River Tributary 2	0.047	0.12
Rhodes Creek	0.05	0.15
Rhodes Creek Tributary 1	0.05	0.18
Rhodes Creek Tributary 2	0.045	0.12-0.13
Rhodes Creek Tributary 4	0.05	0.15-0.16
Rhodes Creek Tributary 5	0.05	0.14-0.16
Rhodes Creek Tributary 6	0.05	0.16-0.18
Robertson Creek	0.05	0.13
Smith Creek Tributary	0.05	0.17
Snake Creek	0.05	0.15
Snake Creek Tributary 1	0.04	0.12-0.17
Straight Fence Creek	0.05	0.14
Straight Fence Creek Tributary 1	0.035-0.04	0.10-0.12
Straight Fence Creek Tributary 1-1	0.05	0.13-0.15
Straight Fence Creek Tributary 2	0.04-0.05	0.12-0.15
Straight Fence Creek Tributary 2-1	0.04	0.10-0.15
Straight Fence Creek Tributary 3	0.04-0.045	0.10-0.12
Straight Fence Creek Tributary 3-1	0.04	0.10-0.12
Straight Fence Creek Tributary 4	0.045	0.13
Straight Fence Creek Tributary 5	0.035-0.45	0.10-0.12

Flooding Source	Channel “n”	Overbank “n”
Straight Fence Creek Tributary 5-1	0.04	0.10-0.15
Straight Fence Creek Tributary 6	0.047	0.17
Straight Fence Creek Tributary 6-1	0.05	0.18
Straight Fence Creek Tributary 6-2	0.05	0.15
Straight Fence Creek Tributary 7	0.045	0.13
Terrell Creek	0.06	0.17
Three Mile Creek	0.033-0.05	0.06-0.15
Town Creek	0.03-0.05	0.04-0.15
Town Creek	0.05	0.15
Town Creek Tributary 2	0.033-0.05	0.06-0.15
Town Creek Tributary 3	0.04	0.08-0.15
Trahon Creek Tributary 3	0.04	0.12
Turkey Creek	0.05	0.15
Turkey Creek Tributary 1	0.05	0.15
Turkey Creek Tributary 2	0.05	0.15
Twelve Mile Creek	0.06	0.17
Twelve Mile Creek Tributary 1	0.05	0.16
Vaughn Creek	0.05	0.15
Vaughn Creek Tributary 1	0.05	0.12-0.15
Vaughn Creek Tributary 1-1	0.05	0.13
Vaughn Creek Tributary 3	0.05	0.15
Vaughn Creek Tributary 3-1	0.047	0.13
Vaughn Creek Tributary 3-2	0.046	0.12-0.14
White Oak Creek	0.05	0.16

5.3 Coastal Analyses

This section is not applicable to this Flood Risk Project.

Table 15: Summary of Coastal Analyses

[Not applicable to this Flood Risk Project]

5.3.1 Total Stillwater Elevations

This section is not applicable to this Flood Risk Project.

Figure 8: 1% Annual Chance Total Stillwater Elevations for Coastal Areas

[Not applicable to this Flood Risk Project]

Table 16: Tide Gage Analysis Specifics

[Not applicable to this Flood Risk Project]

5.3.2 Waves

This section is not applicable to this Flood Risk Project.

5.3.3 Coastal Erosion

This section is not applicable to this Flood Risk Project.

5.3.4 Wave Hazard Analyses

This section is not applicable to this Flood Risk Project.

Table 17: Coastal Transect Parameters

[Not applicable to this Flood Risk Project]

Figure 9: Transect Location Map

[Not applicable to this Flood Risk Project]

5.4 Alluvial Fan Analyses

This section is not applicable to this Flood Risk Project.

Table 18: Summary of Alluvial Fan Analyses

[Not applicable to this Flood Risk Project]

Table 19: Results of Alluvial Fan Analyses

[Not applicable to this Flood Risk Project]

SECTION 6.0 – MAPPING METHODS

6.1 Vertical and Horizontal Control

All FIS Reports and FIRMs are referenced to a specific vertical datum. The vertical datum provides a starting point against which flood, ground, and structure elevations can be referenced and compared. Until recently, the standard vertical datum used for newly created or revised FIS Reports and FIRMs was the National Geodetic Vertical Datum of 1929 (NGVD29). With the completion of the North American Vertical Datum of 1988 (NAVD88), many FIS Reports and

FIRMs are now prepared using NAVD88 as the referenced vertical datum.

Flood elevations shown in this FIS Report and on the FIRMs are referenced to NAVD88. These flood elevations must be compared to structure and ground elevations referenced to the same vertical datum. For information regarding conversion between NGVD29 and NAVD88 or other datum conversion, visit the National Geodetic Survey website at www.ngs.noaa.gov.

Temporary vertical monuments are often established during the preparation of a flood hazard analysis for the purpose of establishing local vertical control. Although these monuments are not shown on the FIRM, they may be found in the archived project documentation associated with the FIS Report and the FIRMs for this community. Interested individuals may contact FEMA to access these data.

To obtain current elevation, description, and/or location information for benchmarks in the area, please contact information services Branch of the NGS at (301) 713-3242, or visit their website at www.ngs.noaa.gov.

The datum conversion locations and values that were calculated for Hinds County are provided in Table 20.

Table 20: Countywide Vertical Datum Conversion

Quadrangle Name	Quadrangle Corner	Latitude	Longitude	Conversion from NGVD29 to NAVD88 (feet)
Average Conversion from NGVD29 to NAVD88 = +0.15 feet				

Table 21: Stream-by-Stream Vertical Datum Conversion

[Not applicable to this Flood Risk Project]

6.2 Base Map

The FIRMs and FIS Report for this project have been produced in a digital format. The flood hazard information was converted to a Geographic Information System (GIS) format that meets FEMA's FIRM Database specifications and geographic information standards. This information is provided in a digital format so that it can be incorporated into a local GIS and be accessed more easily by the community. The FIRM Database includes most of the tabular information contained in the FIS Report in such a way that the data can be associated with pertinent spatial features. For example, the information contained in the Floodway Data table and Flood Profiles can be linked to the cross sections that are shown on the FIRMs. Additional information about the FIRM Database and its contents can be found in FEMA's *Guidelines and Standards for Flood Risk Analysis and Mapping*, www.fema.gov/guidelines-and-standards-flood-risk-analysis-and-mapping.

Base map information shown on the FIRM was derived from the sources described in Table 22.

Table 22: Base Map Sources

Data Type	Data Provider	Data Date	Data Scale	Data Description
County Boundary	Mississippi Department of Environmental Quality	01/01/2007	N/A	County Boundary
Community Boundaries	U.S. Department of Commerce, U.S. Census Bureau, Geography Division	01/01/2010	N/A	Municipal Boundaries
Digital Orthophoto	USDA--National Agriculture Imagery Program	11/14/2014	N/A	Color Orthophotos
Transportation Features	Flood Insurance Study, Hinds County, Mississippi and Incorporated Areas	11/18/2009	N/A	Roads and railroads
Water Surface Features	Mississippi Automated Resource Information System (MARIS)	01/01/2005	N/A	Water bodies

6.3 Floodplain and Floodway Delineation

The FIRM shows tints, screens, and symbols to indicate floodplains and floodways as well as the locations of selected cross sections used in the hydraulic analyses and floodway computations.

For riverine flooding sources, the mapped floodplain boundaries shown on the FIRM have been delineated using the flood elevations determined at each cross section; between cross sections, the boundaries were interpolated using the topographic elevation data described in Table 23.

In cases where the 1% and 0.2% annual chance floodplain boundaries are close together, only the 1% annual chance floodplain boundary has been shown. Small areas within the floodplain boundaries may lie above the flood elevations but cannot be shown due to limitations of the map scale and/or lack of detailed topographic data.

The floodway widths presented in this FIS Report and on the FIRM were computed for certain stream segments on the basis of equal conveyance reduction from each side of the floodplain. Floodway widths were computed at cross sections. Between cross sections, the floodway boundaries were interpolated. Table 2 indicates the flooding sources for which floodways have

been determined. The results of the floodway computations for those flooding sources have been tabulated for selected cross sections and are shown in Table 24, “Floodway Data.”

Certain flooding sources may have been studied that do not have published BFEs on the FIRMs, or for which there is a need to report the 1% annual chance flood elevations at selected cross sections because a published Flood Profile does not exist in this FIS Report. These streams may have also been studied using methods to determine non-encroachment zones rather than floodways. For these flooding sources, the 1% annual chance floodplain boundaries have been delineated using the flood elevations determined at each cross section; between cross sections, the boundaries were interpolated using the topographic elevation data described in
Table 23. All topographic data used for modeling or mapping has been converted as necessary to NAVD 88. The 1% annual chance elevations for selected cross sections along these flooding sources, along with their non-encroachment widths, if calculated, are shown in Table 25, “Flood Hazard and Non-Encroachment Data for Selected Streams.”

Table 23: Summary of Topographic Elevation Data used in Mapping

Community	Flooding Source	Source for Topographic Elevation Data			
		Description	Scale	Contour Interval	Citation
Clinton, City of	Allen Creek	Bare-earth LiDAR	1:4,800	1 ft	State of MS, 2006
Jackson, City of	Caney Creek, Eubanks Creek, Hardy Creek Tributary 1, Three Mile Creek, Town Creek, Town Creek Tributary 2, Town Creek Tributary 3	Bare-earth LiDAR	1:4,800	1 ft	State of MS, 2006

BFEs shown at cross sections on the FIRM represent the 1% annual chance water surface elevations shown on the Flood Profiles and in the Floodway Data tables in the FIS Report. Rounded whole-foot elevations may be shown on the FIRM in coastal areas, areas of ponding, and other areas with static base flood elevations.

Table 24: Floodway Data

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	2,040	413	2,252	0.60	284.1	284.1	285.1	1.0
B	3,300	111	284	3.61	285.4	285.4	286.0	0.6
C	4,885	40	249	4.13	294.7	294.7	295.3	0.6
D	6,261	27	152	6.92	299.8	299.8	300.0	0.2
E	7,195	31	333	1.02	310.4	310.4	310.8	0.4
F	7,705	21	112	2.92	310.5	310.5	310.9	0.4
G	8,269	17	37	8.61	312.6	312.6	312.6	0.0

[1]Feet above mouth

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	450	37	149	5.2	310.0	305.8[2]	305.8	0.0
B	980	32	84	9.2	310.0	308.0[2]	308.0	0.0
C	1,579	36	70	10.1	315.9	315.9	315.9	0.0

[1]Feet above confluence with Allen Creek
[2]Computed without consideration of backwater effects from Allen Creek

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: ALLEN CREEK TRIBUTARY

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
E	111,440	987	5,099	2.3	205.3	205.3	206.2	0.9
F	112,440	383	2,246	5.3	207.9	207.9	207.9	0.0
G	113,090	878	6,071	2.0	208.7	208.7	209.3	0.6
H	114,305	828	4,051	3.0	209.4	209.4	210.3	0.9
I	116,705	1,633	12,195	1.0	210.8	210.8	211.7	0.9
J	119,105	2,289	4,042	0.9	211.7	211.7	212.7	1.0
K	121,928	459	1,202	2.8	216.4	216.4	216.4	0.0
L	124,475	1,499	7,309	1.0	216.9	216.9	217.3	0.4
M	127,825	1,616	18,124	1.5	217.4	217.4	218.3	0.9
N	131,975	3,104	13,762	0.6	218.6	218.6	219.5	0.9
O	134,875	2,874	9,707	0.7	219.0	219.0	220.0	1.0
P	138,775	2,048	7,783	1.0	220.7	220.7	221.5	0.8
Q	142,475	1,734	7,549	1.2	222.6	222.6	223.6	1.0
R	146,175	1,739	6,527	1.3	225.5	225.5	226.5	1.0
S	153,375	1,165	12,137	1.3	230.3	230.3	231.3	1.0
T	157,875	2,269	6,126	0.7	231.8	231.8	232.8	1.0
U	160,575	2,131	8,090	1.4	233.4	233.4	234.4	1.0
V	166,550	1,505	2,367	1.1	237.1	237.1	238.1	1.0
W	169,834	304	6,117	3.2	241.8	241.8	242.4	0.6
X	170,466	517	6,515	1.2	243.7	243.7	244.4	0.7
Y	176,016	1,059	5,322	1.1	244.7	244.7	245.6	0.9

[1]Feet above mouth

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: BAKERS CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
Z	184,546	1,211	5,322	1.2	249.2	249.2	250.2	1.0
AA	185,371	303	2,100	3.0	251.1	251.1	251.8	0.7
AB	192,726	1,413	4,753	1.2	257.9	257.9	258.9	1.0
AC	194,266	1,055	5,344	1.0	259.2	259.2	260.2	1.0
AD	196,636	726	1,985	2.8	261.7	261.7	262.6	0.9
AE	199,886	975	5,617	0.9	264.7	264.7	265.7	1.0
AF	202,786	611	2,641	2.35	266.8	266.8	267.7	0.9
AG	206,116	457	2,363	2.62	273.8	273.8	274.7	0.9
AH	209,583	802	6,103	0.98	282.8	282.8	283.7	0.9
AI	212,061	1833	13,988	0.43	283.2	283.2	284.1	0.9
AJ	215,703	620	3,514	1.26	293.3	293.3	294.2	0.9
AK	216,723	470	2,162	2.05	294.8	294.8	295.7	0.9
AL	217,189	299	1,303	2.38	295.9	295.9	296.9	1.0
AM	217,629	262	1,528	2.03	296.5	296.5	297.5	1.0
AN	219,589	215	1,014	3.10	300.7	300.7	301.3	0.6
AO	221,189	96	588	5.30	305.5	305.5	306.2	0.7

[1]Feet above mouth

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	7,483	508	1,973	1.2	246.2	246.2	247.2	1.0
B	9,833	46	241	8.2	248.6	248.6	248.6	0.0
C	11,009	285	789	2.5	253.0	253.0	253.9	0.9
D	12,409	291	1,336	1.3	256.1	256.1	256.8	0.7
E	13,629	164	577	2.9	257.2	257.2	258.2	1.0
F	14,149	107	519	3.3	258.8	258.8	259.7	0.9
G	15,575	113	378	3.6	262.3	262.3	262.6	0.3
H	16,204	144	385	3.5	264.7	264.7	264.9	0.2
I	18,204	60	341	4.0	269.7	269.7	269.8	0.1
J	20,454	253	326	3.3	282.6	282.6	282.6	0.0
K	21,354	152	422	2.5	289.8	289.8	290.7	0.9
L	22,385	57	262	2.9	293.6	293.6	294.1	0.5
M	23,085	80	353	2.1	294.8	294.8	295.6	0.8

[1]Feet above mouth

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	2,059	69	453	5.50	276.9	267.5[2]	268.4	0.9
B	3,273	228	3,004	0.83	277.5	277.5	278.3	0.8
C	4,488	117	603	3.28	278.5	278.5	279.4	0.9
D	5,016	31	124	5.81	279.6	279.6	280.5	0.9

[1]Feet above mouth

[2]Elevation computed without consideration of backwater effects from Pearl River

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: BELHAVEN CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	4,157	84	1,114	6.9	261.4	246.5[2]	246.6	0.1
B	5,115	82	1,079	7.1	261.4	249.2[2]	249.6	0.4
C	7,095	525	4,652	1.7	261.4	251.1[2]	251.8	0.7
D	8,465	346	2,542	3.0	261.4	251.7[2]	252.5	0.8
E	12,865	320	2,217	3.5	261.4	257.1[2]	258.0	0.9
F	13,405	320	1,878	4.1	261.4	258.4[2]	259.3	0.9
G	15,877	331	3,271	2.4	261.4	260.9[2]	261.8	0.9
H	18,777	246	2,180	3.5	262.9	262.9	263.9	1.0
I	20,527	227	1,737	4.4	265.2	265.2	266.1	0.9
J	21,855	252	2,391	3.2	267.8	267.8	268.7	0.9
K	23,925	365	2,709	2.8	269.4	269.4	270.2	0.8
L	28,875	545	3,005	2.6	273.3	273.3	274.1	0.8
M	31,275	329	2,243	3.0	278.4	278.4	279.2	0.8
N	32,775	334	2,389	2.3	280.7	280.7	281.4	0.7
O	34,975	500	3,528	1.5	282.1	282.1	282.4	0.3
P	37,325	459	2,552	2.1	283.4	283.4	283.4	0.0
Q	38,598	229	1,973	2.7	286.7	286.7	286.9	0.2
R	42,448	644	4,688	1.2	288.9	288.9	289.3	0.4
S	45,308	559	2,844	1.9	290.2	290.2	290.7	0.5
T	46,972	1,097	4,167	1.3	301.3	301.3	301.3	0.0
U	49,832	891	5,637	1.0	301.3	301.3	302.5	0.6
V	52,112	770	3,012	1.8	303.1	303.1	303.8	0.7

[1]Feet above confluence with Pearl River

[2]Elevation computed without consideration of backwater effects from Pearl River

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: BIG CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
W	55,312	692	3,326	1.6	306.7	306.7	307.5	0.8
X	57,732	894	3,883	1.4	308.7	308.7	309.5	0.8
Y	60,382	344	1,967	2.8	312.4	312.4	317.7	0.3
Z	61,617	669	3,699	0.7	314.2	314.2	314.5	0.3
AA	64,017	309	1,083	2.5	317.5	317.5	317.9	0.4
AB	67,890	367	1,888	1.6	322.8	322.8	322.6	0.8
AC	69,510	123	459	6.7	327.1	327.1	327.1	0.0
AD	70,710	339	1,539	1.9	332.0	332.0	332.0	0.0
AE	72,650	231	472	3.1	335.9	335.9	336.3	0.4
AF	74,300	185	426	2.0	343.9	343.9	343.9	0.0
AG	76,110	242	436	2.0	351.7	351.7	351.8	0.1

[1]Feet above confluence with Pearl River

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	3,763	42	443	2.6	269.5	269.5	270.1	0.6
B	4,754	56	237	4.8	276.8	276.8	276.9	0.1
C	8,158	68	573	1.9	290.8	290.8	291.1	0.3
D	9,517	35	260	4.4	295.5	295.5	296.0	0.5
E	10,989	59	478	1.8	297.8	297.8	298.2	0.4
F	12,697	18	64	11.4	302.4	302.4	302.4	0.0
G	13,421	70	192	3.5	311.8	311.8	311.9	0.1

[1]Feet above mouth

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: BIG CREEK TRIBUTARY 1

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	900	48	389	4.3	279.6	276.1[2]	276.9	0.8
B	2,760	31	296	5.6	280.4	280.4	281.4	1.0
C	5,821	212	1,150	1.4	284.6	284.6	285.5	0.9
D	7,921	124	479	3.5	285.7	285.7	286.6	0.9
E	10,631	139	517	3.2	296.6	296.6	297.4	0.8
F	12,711	187	697	2.4	302.5	302.5	303.5	1.0
G	14,965	99	522	3.2	311.4	311.4	311.5	0.1
H	17,655	224	780	2.1	315.6	315.6	316.5	0.9
I	19,525	173	643	2.6	320.7	320.7	321.6	0.9
J	21,341	193	587	1.7	325.6	325.6	326.3	0.7
K	23,122	32	146	4.7	330.0	330.0	330.0	0.0

[1]Feet above mouth

[2]Elevation computed without consideration of backwater effects form Big Creek

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: BIG CREEK TRIBUTARY 2

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	2,317	196	897	2.7	314.6	314.6	315.0	0.4
B	4,017	253	857	2.7	317.8	317.8	318.4	0.6
C	5,147	149	633	2.8	322.8	322.8	323.0	0.2
D	6,997	224	715	2.4	326.4	326.4	327.3	0.9
E	8,597	162	642	2.2	328.8	328.8	329.8	1.0
F	10,063	57	269	3.2	332.4	332.4	332.6	0.2
G	11,063	56	231	3.6	334.1	334.1	334.8	0.7
H	12,513	37	241	2.9	337.2	337.2	337.9	0.7
I	14,213	78	237	2.5	344.1	344.1	344.9	0.8
J	15,213	95	180	2.8	349.8	349.8	350.0	0.2
K	16,363	66	209	1.9	353.8	353.8	354.8	1.0

[1]Feet above mouth

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: BIG CREEK TRIBUTARY 3

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	1,065	54	404	3.0	336.7	336.7	336.7	0.0
B	2,210	63	385	3.2	338.4	338.4	338.8	0.4
C	3,510	64	259	4.7	342.3	342.3	342.7	0.4
D	5,770	161	373	3.3	355.8	355.8	356.2	0.4
E	8,740	129	455	1.7	364.4	364.4	365.1	0.7
F	9,060	39	210	3.7	366.4	366.4	367.4	1.0
G	10,830	94	170	4.6	380.1	380.1	380.2	0.1
H	11,380	140	390	2.0	385.9	385.9	386.6	0.7

[1]Feet above mouth

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: BIG CREEK TRIBUTARY 5

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	1,630	57	148	4.9	365.1	365.1	365.1	0.0
B	3,550	12	37	9.6	376.5	376.5	376.5	0.0
C	6,175	70	191	1.8	402.0	402.0	403.0	1.0

[1]Feet above mouth

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: BIG CREEK TRIBUTARY 6

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	1,520	14	69	4.9	344.7	344.7	344.7	0.0
B	2,540	31	99	2.1	3348.3	348.3	348.3	0.0
C	3,920	138	599	0.4	361.4	361.4	361.9	0.5

[1]Feet above mouth

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: BIG CREEK TRIBUTARY 7

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
J	87,758	818	1,936	2.3	246.2	246.2	247.2	1.0
K	92,006	384	2,062	2.0	254.2	254.2	254.2	0.0
L	95,887	390	1,426	2.2	256.9	256.9	257.8	0.9
M	97,682	280	1,011	3.1	260.1	260.1	261.1	1.0
N	99,107	231	1,402	2.2	262.8	262.8	263.7	0.9
O	100,504	191	890	3.5	265.2	265.2	265.3	0.1
P	101,504	195	1,067	2.9	268.3	268.3	269.2	0.9
Q	103,065	261	1,049	3.0	276.9	276.9	277.7	0.8
R	103,867	147	677	1.9	283.9	283.9	283.9	0.0

[1]Feet above confluence with County Boundary

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: BOGUE CHITTO CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	900	398	1,670	1.0	253.9	253.6[2]	254.5	0.9
B	2,401	380	1,064	1.6	256.1	256.1	257.0	0.9
C	4,540	278	971	1.7	263.8	263.8	264.8	10
D	7,093	308	955	1.5	271.4	271.4	271.4	0.0
E	8,151	99	379	3.1	272.8	272.8	273.3	0.5
F	9,721	152	574	2.0	277.3	277.3	278.0	0.7
G	11,571	30	168	4.9	287.1	287.1	288.1	1.0
H	13,254	25	876	0.7	302.2	302.2	302.8	0.6

[1]Feet above mouth

[2]Elevation computed without consideration of backwater effects form Bogue Chitto Creek

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: BOGUE CHITTO CREEK TRIBUTARY 1

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	2,400	40	253	8.0	265.3	265.3	265.4	0.1
B	4,800	220	773	1.2	272.7	272.7	273.7	1.0
C	6,330	59	213	4.4	274.7	274.7	275.7	1.0

[1]Feet above mouth

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: BOGUE CHITTO CREEK TRIBUTARY 4

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	5,530	120	2,065	5.3	270.2	264.9[2]	265.3	0.4
B	8,079	540	3,518	3.1	270.2	269.1[2]	269.9	0.8
C	11,408	340	2,048	5.4	275.5	275.5	275.5	0.0
D	14,388	1,094	6,388	1.7	280.0	280.0	280.7	0.7
E	17,176	103	1,152	6.6	285.3	285.3	286.2	0.9
F	19,846	156	1,438	5.3	295.5	295.5	295.9	0.4
G	21,729	87	977	7.8	299.0	299.0	299.8	0.8
H	23,291	69	926	4.2	302.8	302.8	303.8	1.0
I	25,145	82	749	5.1	304.5	304.5	305.3	0.8
J	27,540	64	544	5.3	311.9	311.9	312.0	0.1
K	29,822	76	281	6.6	320.4	320.4	320.4	0.0
L	31,874	69	487	3.8	329.4	329.4	329.8	0.4
M	34,247	18	137	5.9	337.4	337.4	337.6	0.2

[1]Feet above mouth

[2]Elevation computed without considerations of backwater effects from Pearl River

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: CANY CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	2,897	271	1,273	3.26	277.9	258.5[2]	258.6	0.1
B	4,125	88	783	5.30	277.9	260.7[2]	260.9	0.2
C	5,169	106	910	4.56	277.9	262.9[2]	263.1	0.2
D	6,142	56	327	12.7	277.9	265.2[2]	265.3	0.1
E	7,273	54	504	8.25	277.9	270.3[2]	270.4	0.1
F	8,280	70	455	9.13	277.9	272.7[2]	272.7	0.0
G	9,088	83	635	6.16	277.9	277.5[2]	277.5	0.0
H	9,336	64	499	7.83	277.9	277.8[2]	277.9	0.1
I	10,643	104	645	6.06	282.1	282.1	282.9	0.8
J	11,965	308	436	8.98	286.5	286.5	286.7	0.2
K	12,411	275	1,130	3.46	289.1	289.1	289.1	0.0
L	13,013	196	1,119	2.11	291.2	291.2	291.7	0.5
M	13,976	176	503	4.69	293.5	293.5	293.6	0.1
N	15,055	49	575	4.11	296.8	296.8	297.2	0.4
O	15,847	34	333	7.10	298.3	298.3	298.7	0.4
P	16,411	211	1,028	2.30	300.6	300.6	301.4	0.8
Q	17,586	60	382	2.77	301.4	301.4	302.0	0.6
R	18,415	69	355	2.98	302.2	302.2	302.6	0.4
S	19,000	42	152	6.99	303.5	303.5	303.6	0.1
T	19,473	98	306	3.46	306.9	306.9	307.1	0.2
U	19,919	58	308	2.10	309.3	309.3	309.8	0.5
V	20,384	27	165	3.92	309.6	309.6	310.0	0.4

[1]Feet above mouth

[2]Elevation computed without consideration of backwater effects from Pearl River

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: EUBANKS CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
W	20,790	20	68	9.49	310.2	310.2	310.4	0.2
X	21,125	75	214	3.03	312.9	312.9	313.3	0.4
Y	22,063	63	195	3.33	315.2	315.2	316.2	1.0
Z	23,052	69	267	1.12	318.6	318.6	319.2	0.6
AA	24,113	50	153	1.95	320.3	320.3	320.5	0.1
AB	24,781	46	86	3.47	322.2	322.2	322.3	0.1
AC	25,926	56	141	2.13	328.6	328.6	328.9	0.3

[1]Feet above mouth

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	739	130	930	2.28	285.3	285.3	286.3	1.0
B	1,214	127	968	1.89	286.1	286.1	287.0	0.9
C	2,376	130	543	2.91	291.1	291.1	291.8	0.7
D	2,957	130	425	2.99	294.1	294.1	294.4	0.3
E	3,590	37	204	6.23	299.3	299.3	299.4	0.1
F	4,541	162	681	1.57	308.1	308.1	308.9	0.8

[1]Feet above mouth

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	1,056	70	315	2.22	298.8	298.8	299.6	0.8
B	1,742	69	92	7.16	301.5	301.5	301.5	0.0
C	2,323	90	381	1.44	310.0	310.0	310.4	0.4
D	2,640	59	196	2.19	310.3	310.3	310.9	0.6

[1]Feet above mouth

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: EUBANKS CREEK TRIBUTARY 4

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	898	150	719	2.35	295.6	295.6	296.5	0.9
B	1,320	120	493	3.43	298.6	298.6	298.9	0.3
C	2,165	115	701	2.03	304.1	304.1	304.6	0.5
D	2,323	170	727	1.95	304.4	304.4	304.9	0.5
E	2,746	170	702	1.88	306.2	306.2	306.9	0.7
F	3,538	240	634	1.62	312.4	312.4	313.1	0.7
G	4,541	116	849	1.01	319.5	319.5	320.4	0.9
H	5,016	160	1229	0.64	319.6	319.6	320.5	0.9
I	5,491	160	835	0.95	319.6	319.6	320.6	1.0

[1]Feet above mouth

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: EUBANKS CREEK TRIBUTARY 5

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	158	250	1,259	1.70	302.9	302.9	303.8	0.9
B	1,373	130	771	2.66	307.6	307.6	308.3	0.7
C	1,954	60	331	5.83	309.3	309.3	310.1	0.8
D	4,171	140	736	2.62	320.3	320.3	321.2	0.9
E	4,752	270	1,022	1.16	323.5	323.5	324.2	0.7
F	5,438	100	476	2.50	326.7	326.7	327.3	0.6
G	6,230	100	356	1.97	329.3	329.3	330.3	0.7

[1]Feet above mouth

[2]Elevation computed without consideration of backwater effects from Eubanks Creek

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	370	71	374	1.22	323.4	323.4	324.3	0.9
B	686	39	193	1.86	323.6	323.6	324.6	1.0
C	1,320	30	121	2.23	326.2	326.2	326.6	0.4

[1]Feet above mouth

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: EUBANKS TRIBUTARY 6-1

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	1056	150	420	1.02	323.3	323.3	324.3	1.0
B	1795	11	36	4.44	325.4	325.4	326.2	0.8
C	2851	38	99	0.91	331.5	331.5	332.3	0.8

[1]Feet above mouth

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: EUBANKS CREEK TRIBUTARY 7

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	4,020	699	2,665	1.48	283.7	283.7	284.7	1.0
B	8,891	650	5,761	0.43	295.4	295.4	296.4	1.0
C	9,991	689	3,350	0.52	295.4	295.4	296.4	1.0
D	11,091	368	936	1.87	296.7	296.7	297.6	0.9
E	13,041	94	286	4.06	304.2	304.2	305.1	0.9
F	14,091	262	644	1.80	308.5	308.5	309.5	1.0
G	14,692	219	1,136	1.02	314.9	314.9	315.9	1.0
H	15,292	151	504	2.30	317.0	317.0	318.0	1.0
I	15,845	189	807	0.69	324.6	324.6	325.2	0.6

[1]Feet above mouth

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: FRENCH CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	3,030	287	909	1.96	296.3	296.3	297.3	1.0
B	4,300	261	859	2.07	300.6	300.6	301.6	1.0

[1]Feet above mouth

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: FRENCH CREEK TRIBUTARY 1

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	7,920	250	2,099	4.57	283.1	272.4[2]	273.4	1.0
B	11,880	258	1,800	5.33	283.1	281.4[2]	282.3	0.9
C	13,147	166	1,576	6.09	285.3	285.3	285.8	0.5
D	13,939	166	1,730	5.55	287.2	287.2	287.6	0.4
E	14,520	330	2,526	3.80	289.3	289.3	289.6	0.3
F	17,213	928	5,675	1.66	292.4	292.4	292.8	0.4
G	20,275	80	1,033	8.50	294.9	294.9	295.9	1.0
H	20,645	130	2,218	3.96	303.5	303.5	304.0	0.5
I	21,226	1,120	11,271	0.78	304.7	304.7	305.2	0.5
J	24,394	915	5,128	1.10	305.5	305.5	306.1	0.6
K	29,198	250	1,479	3.15	311.7	311.7	312.7	1.0
L	32,208	129	1,157	3.86	316.9	316.9	317.2	0.3
M	32,736	149	764	5.85	317.6	317.6	317.9	0.3
N	36,274	600	2,154	1.77	325.3	325.3	326.1	0.8
O	39,336	375	1,518	1.62	331.5	331.5	332.3	0.8
P	40,445	215	743	2.8	333.8	333.8	334.8	1.0
Q	41,554	260	914	2.2	337.5	337.5	338.5	1.0

[1]Feet above mouth
[2]Computed without consideration of backwater effects from Pearl River

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: HANGING MOSS CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	540	65	768	5.2	294.8	294.8	295.4	0.6
B	2,380	181	1,236	3.2	298.6	298.6	299.0	0.4
C	4,000	160	978	4.1	301.4	301.4	301.7	0.3
D	4,660	264	953	4.2	303.6	303.6	303.9	0.3
E	4,940	210	1,246	3.2	304.3	304.3	305.0	0.7
F	5,380	93	672	5.9	306.1	306.1	307.1	1.0
G	6,220	360	1,686	2.4	308.0	308.0	308.3	0.3
H	7,060	59	439	8.1	308.9	308.9	308.9	0.0
I	7,260	200	1,827	1.7	312.2	312.2	312.3	0.1
J	8,160	82	301	10.1	313.4	313.4	313.4	0.0
K	10,580	311	1,510	2.0	319.1	319.1	319.8	0.7
L	13,520	104	345	8.8	324.8	324.8	325.3	0.5
M	13,750	250	1,387	1.2	328.2	328.2	328.3	0.1

[1]Feet above mouth

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: HANGING MOSS CREEK TRIBUTARY 4

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	950	407	1,805	2.51	305.5	303.4[2]	304.4	1.0
B	2,376	325	1,546	2.93	307.7	307.7	308.7	1.0
C	3,854	582	2,520	1.80	311.1	311.1	312.1	1.0
D	5,174	366	1,840	2.40	313.8	313.8	314.7	0.9
E	5,914	515	2,776	1.59	316.0	316.0	316.9	0.9
F	7,286	306	1,728	2.24	318.9	318.9	319.8	0.9
G	8,765	610	1,806	1.89	320.9	320.9	321.9	1.0
H	9,293	249	1,242	2.75	321.4	321.4	322.3	0.9
I	9,979	250	1,476	2.32	323.5	323.5	324.5	1.0
J	12,566	370	2,093	1.37	331.1	331.1	331.5	0.4

[1]Feet above mouth
[2]Elevation computed without consideration of backwater effects from Hanging Moss Creek

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: HANGING MOSS CREEK TRIBUTARY 5

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	1,214	21	182	4.01	322.1	322.1	323.1	1.0
B	2,059	36	139	2.95	326.1	326.1	326.9	0.8
C	2,851	44	124	3.31	328.6	328.6	329.2	0.6
D	4,224	68	191	0.99	339.0	339.0	339.4	0.4

[1]Feet above mouth

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: HANGING MOSS CREEK TRIBUTARY 5-2

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	1,954	38	230	4.87	320.0	320.0	320.8	0.8
B	5,491	62	229	1.41	334.4	334.4	335.4	1.0
C	7,339	17	47	1.70	338.2	338.2	338.2	0.0

[1]Feet above mouth

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: HANGING MOSS CREEK TRIBUTARY 6

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	3,379	93	476	3.72	334.4	334.4	335.0	0.6
B	5,280	65	275	4.31	336.9	336.9	337.9	1.0
C	6,547	42	160	4.69	343.0	343.0	343.6	0.6

[1]Feet above mouth

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: HANGING MOSS CREEK TRIBUTARY 7

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	3,643	270	2,344	2.16	271.5	268.8[2]	268.9	0.1
B	4,593	280	1,879	2.57	271.5	269.5[2]	276.9	0.4
C	6,283	100	879	5.49	271.9	271.9	272.4	0.5
D	7,814	100	751	6.02	278.1	278.1	278.2	0.1
E	8,818	135	1,173	3.65	281.0	281.0	281.9	0.9
F	10,349	100	939	4.29	286.9	286.9	287.9	1.0
G	10,771	100	852	4.73	288.1	288.1	289.0	0.9
H	11,458	100	808	4.99	290.3	290.3	291.0	0.7
I	12,144	100	585	6.27	293.7	293.7	294.1	0.4
J	13,939	100	620	5.92	304.0	304.0	304.4	0.4
K	14,678	93	593	5.18	307.5	307.5	307.9	0.4
L	15,576	100	760	3.75	314.7	314.7	315.7	1.0
M	16,315	131	1,004	2.84	316.7	316.7	317.7	1.0
N	16,790	110	553	4.68	318.4	318.4	319.3	0.9
O	17,477	100	618	3.07	324.3	324.3	325.0	0.7
P	18,533	80	469	4.05	327.9	327.9	328.4	0.5
Q	19,483	60	162	5.31	332.8	332.8	333.2	0.4
R	20,434	40	149	5.77	338.7	338.7	339.0	0.3
S	21,226	60	191	2.04	349.4	349.4	350.2	0.8
T	21,859	60	208	1.88	350.6	350.6	351.6	1.0

[1]Feet above mouth
[2]Computed without consideration of backwater effects from Pearl River

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: HARDY CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	609	25	108	7.29	330.3	330.0[2]	330.7	0.7
B	1,733	39	106	7.45	337.3	337.3	337.9	0.6

[1]Feet above mouth
[2]Computed without consideration of backwater effects from Hardy Creek

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: HARDY CREEK TRIBUTARY 1

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	2,050	75	478	7.1	271.4	264.4[2]	264.9	0.5
B	2,330	72	471	7.2	271.4	266.4[2]	266.7	0.3
C	2,675	45	414	8.2	271.9	268.6[2]	268.7	0.1
D	2,870	63	565	6.0	271.9	269.7[2]	270.1	0.4
E	3,260	75	786	4.3	271.9	270.6[2]	271.2	0.6
F	4,710	50	506	6.7	273.2	273.2	274.1	0.9
G	7,360	116	1,112	3.1	277.0	277.0	278.0	1.0
H	9,485	66	542	6.3	279.4	279.4	280.3	0.9

[1]Feet above confluence with Rhodes Creek
[2]Elevation computed without consideration of backwater effects from Rhodes Creek

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: HARRIS CREEK