

FLOODING SOURCE		FLOODWAY				BASE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE	
Bolin Creek	005	500	15,089	0.5	254.8	254.8	255.8	1.0	
	014	1,383	6,753	1.0	254.9	254.9	255.9	1.0	
	025	2,511	3,985	1.7	261.1	261.1	261.2	0.1	
	050	4,987	1,869	3.4	267.8	267.8	268.4	0.6	
	060	6,000	3,706	1.7	273.7	273.7	274.7	1.0	
	070	7,000	2,737	2.3	274.2	274.2	275.2	1.0	
	075	7,500	2,034	3.0	274.5	274.5	275.5	1.0	
	080	8,000	2,356	2.6	275.3	275.3	276.0	0.8	
	091	9,146	1,273	4.7	277.9	277.9	278.7	0.8	
	095	9,500	1,316	4.6	279.8	279.8	280.6	0.8	
	100	10,000	160	887	6.7	281.6	281.6	282.5	0.9
	105	10,500	295	1,288	4.6	285.0	285.0	285.5	0.5
	115	11,487	225	1,061	5.2	295.3	295.3	295.5	0.2
	120	11,987	220	1,059	5.2	305.0	305.0	305.0	0.0
	136	13,589	75	606	9.1	324.5	324.5	324.5	0.0
	142	14,152	105	1,015	5.5	330.8	330.8	331.4	0.6
	150	15,000	180	1,786	3.1	336.2	336.2	336.5	0.3
	165	16,500	60	595	7.6	339.4	339.4	340.3	0.9
	173	17,324	100	732	6.0	347.2	347.2	347.2	0.0
	180	17,954	68	447	9.9	351.1	351.1	351.2	0.1
189	18,939	45	662	6.7	369.9	369.9	370.3	0.4	
200	20,000	60	477	9.2	377.7	377.7	378.6	0.9	
205	20,500	85	553	8.0	382.1	382.1	382.9	0.8	
210	21,000	50	498	8.9	384.8	384.8/	385.8	1.0	

¹Feet above mouth

REVISED TO REFLECT
LOMR EFFECTIVE: JULY 31, 2009

REVISED DATA

FEDERAL EMERGENCY MANAGEMENT AGENCY

ORANGE COUNTY, NC
AND INCORPORATED AREAS

TABLE 16

FLOODWAY DATA

BOLIN CREEK