FLOOD INSURANCE STUDY

FEDERAL EMERGENCY MANAGEMENT AGENCY

VOLUME 2 OF 10



DUVAL COUNTY, FLORIDA

(ALL JURISDICTIONS)

COMMUNITY NAME	COMMUNITY NUMBER
ATLANTIC BEACH, CITY OF	120075
BALDWIN, TOWN OF*	120076
JACKSONVILLE, CITY OF	120077
JACKSONVILLE BEACH, CITY OF	120078
NEPTUNE BEACH, CITY OF	120079

*No Special Flood Hazard Areas Identified

FEMA

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NOVEMBER 2, 2018

FLOOD INSURANCE STUDY NUMBER
12031CV002B

Version Number 2.3.3.2

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Published Separately

Flood Insurance Rate Map (FIRM)

SECTION 5.0 – ENGINEERING METHODS

For the flooding sources in the community, standard hydrologic and hydraulic study methods were used to determine the flood hazard data required for this study. Flood events of a magnitude that are expected to be equaled or exceeded at least once on the average during any 10-, 25-, 50-, 100-, or 500-year period (recurrence interval) have been selected as having special significance for floodplain management and for flood insurance rates. These events, commonly termed the 10-, 25-, 50-, 100-, and 500-year floods, have a 10-, 4-, 2-, 1-, and 0.2% annual chance, respectively, of being equaled or exceeded during any year.

Although the recurrence interval represents the long-term, average period between floods of a specific magnitude, rare floods could occur at short intervals or even within the same year. The risk of experiencing a rare flood increases when periods greater than 1 year are considered. For example, the risk of having a flood that equals or exceeds the 100-year flood (1-percent chance of annual exceedance) during the term of a 30-year mortgage is approximately 26 percent (about 3 in 10); for any 90-year period, the risk increases to approximately 60 percent (6 in 10). The analyses reported herein reflect flooding potentials based on conditions existing in the community at the time of completion of this study. Maps and flood elevations will be amended periodically to reflect future changes.

The engineering analyses described here incorporate the results of previously issued Letters of Map Change (LOMCs) listed in Table 27, "Incorporated Letters of Map Change", which include Letters of Map Revision (LOMRs). For more information about LOMRs, refer to Section 6.5, "FIRM Revisions."

5.1 Hydrologic Analyses

Hydrologic analyses were carried out to establish the peak elevation-frequency relationships for floods of the selected recurrence intervals for each flooding source studied. Hydrologic analyses are typically performed at the watershed level. Depending on factors such as watershed size and shape, land use and urbanization, and natural or man-made storage, various models or methodologies may be applied. A summary of the hydrologic methods applied to develop the discharges used in the hydraulic analyses for each stream is provided in Table 13. Greater detail (including assumptions, analysis, and results) is available in the archived project documentation.

A summary of the discharges is provided in Table 10. Frequency Discharge-Drainage Area Curves used to develop the hydrologic models may also be shown in Figure 7 for selected flooding sources. A summary of stillwater elevations developed for non-coastal flooding sources is provided in Table 11. (Coastal stillwater elevations are discussed in Section 5.3 and shown in Table 17.) Stream gage information is provided in Table 12.

Table 10: Summary of Discharges

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Big Davis Creek	At Interstate-95 (JU31005)	13.8	678	*	1,275	1,611	2,206
Big Davis Creek	At Florida East Coast Railway (JU31017)	11.4	558	*	1,081	1,383	1,922
Big Davis Creek	At Philips Highway (B)	11.4	558	*	1,080	2,210	3,240
Big Fishweir Creek	At mouth (BF70002S)	2.6	1,579	*	2,243	2,465	3,040
Big Fishweir Creek	At Roosevelt Blvd (BF70008)	2.3	1,455	*	2,053	2,260	2,814
Big Fishweir Creek	At confluence with Big Fishweir Creek Tributary 1 (BF70015)	2.3	1,462	*	2,053	2,260	2,811
Big Fishweir Creek	At Blanding Blvd (BF70028)	0.9	631	*	1,022	1,139	1,408
Big Fishweir Creek	At confluence with Big Fishweir Creek Tributary 2 (BF70036)	0.9	639	*	1,036	1,152	1,453
Big Fishweir Creek	At Park Street (BF70047)	0.5	314	*	508	582	752
Big Fishweir Creek	At Cassat Ave (BF70057)	0.5	326	*	596	704	921

Table 10: Summary of Discharges, continued

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Big Fishweir Creek Tributary 1	At confluence with Big Fishweir Creek/Blanding Blvd (BF71016)	1.3	993	*	1,281	1,350	1,667
Big Fishweir Creek Tributary 1	At Cassat Ave (BF71077)	0.7	614	*	966	1,044	1,586
Bigelow Branch	At mouth (BT20003APS)	0.6	661	*	971	1,050	1,485
Bigelow Branch	At Martin Luther King Jr. Parkway (BT20015)	0.4	756	*	1,053	1,119	1,414
Blockhouse Creek	At mouth/Broward Road (BH10003)	2.0	820	*	1,348	1,511	2,178
Blockhouse Creek	At Leonid Road (BH10009)	1.6	588	*	965	1,088	1,558
Blockhouse Creek	At Dunn Avenue (BH10017)	1.1	395	*	601	664	903
Blockhouse Creek	At Duval Road (BH10047)	0.8	258	*	392	433	579
Blockhouse Creek	At Armsdale Road (BH10055)	0.2	48	*	59	63	126
Bonett Branch	At confluence with Pottsburg Creek (PC26003)	1.9	701	*	681	699	921
Bonett Branch	At Interstate-95 (PC26050)	1.2	299	*	372	396	476

Table 10: Summary of Discharges, continued

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Box Branch	At confluence with Pablo Creek (BB60002)	12.1	494	*	405	405	350
Box Branch	At confluence with Box Branch Tributary 1 (BB60020)	6.5	1,047	*	1,733	1,938	2,785
Box Branch Tributary 1	At confluence with Box Branch (BB62010)	1.8	426	*	748	847	1,331
Butcher Pen Creek	At mouth (BU30004)	1.3	919	*	1,348	1,493	2,071
Butcher Pen Creek	At Blanding Boulevard (BU30011)	1.0	789	*	1,086	1,185	1,642
Butcher Pen Creek	At Jammes Road (BU30035)	0.2	224	*	311	356	492
Caldwell Branch	At mouth (CB01022L)	3.6	647	*	1,092	1,252	1,824
Caldwell Branch	At confluence with Caldwell Branch Tributary 1 (CB01080L)	2.7	408	*	680	768	1,118
Caldwell Branch	At confluence with Caldwell Branch Tributary 2 (CB01090)	2.0	347	*	570	648	917
Caldwell Branch Tributary 1	At confluence with Caldwell Branch (CB0120)	0.7	72	*	113	125	203

Table 10: Summary of Discharges, continued

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Caldwell Branch Tributary 2	At confluence with Caldwell Branch (CB01091)	1.1	262	*	416	471	711
Caney Branch	At confluence with Rushing Branch (DN20004L3)	3.3	1,446	*	2,228	2,505	3,699
Caney Branch	At New Berlin Road (DN20007)	2.6	1,239	*	1,891	2,096	2,940
Cedar Creek	At mouth (CE10016)	17.6	2,163	*	3,460	3,893	5,008
Cedar Creek	At Interstate-95 (CE10017)	17.6	2,099	*	3,054	3,268	3,599
Cedar Creek	At confluence with Cedar Creek Tributary 6 (CE10033)	17.1	684	*	726	737	850
Cedar Creek	At confluence with Pickett Branch (CE10035)	16.2	519	*	551	547	589
Cedar Creek	At Biscayne Boulevard/Interstate-95 (CE10037)	11.2	1,136	*	1,785	2,000	2,585
Cedar Creek	At confluence with Cedar Creek Tributary 2 (CE10063)	9.8	1,183	*	1,876	2,061	2,749
Cedar Creek	At Lem Turner Road (CE10067)	6.8	643	*	1,220	1,449	2,237

Table 10: Summary of Discharges, continued

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Cedar Creek	At confluence with Cedar Creek Tributary 7 (CE10071)	4.5	213	*	478	661	1,122
Cedar Creek	At confluence with Cedar Creek Tributary 8 (CE10072)	3.9	257	*	567	703	1,228
Cedar Creek	At Lem Turner Road (CE10073)	2.9	437	*	923	1,098	1,861
Cedar Creek Tributary 2	At confluence with Cedar Creek (CE12005L1)	1.3	271	*	427	480	692
Cedar Creek Tributary 6	At confluence with Cedar Creek (CE16001)	0.7	430	*	575	668	1,257
Cedar Creek Tributary 7	At confluence with Cedar Creek (CE17005L3)	0.6	47	*	97	118	211
Cedar Creek Tributary 7	At Lem Turner Road (CE17005)	0.6	64	*	170	204	398
Cedar Creek Tributary 8	At confluence with Cedar Creek (CE18005L3)	1.0	45	*	71	103	220
Cedar Creek Tributary 8	At Lem Turner Road (CE18005)	1.0	44	*	56	94	249
Cedar River	At mouth (CW50001L)	21.6	6,241	*	9,499	10,591	14,107

Table 10: Summary of Discharges, continued

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Cedar River	At San Juan Avenue (CW50002)	21.6	6,241	*	9,499	10,592	14,109
Cedar River	At confluence with Cedar River Tributary 1 (CW50020)	21.6	6,241	*	9,509	10,605	14,134
Cedar River	At confluence with Wills Branch (CW50025)	21.3	6,182	*	9,447	10,538	14,026
Cedar River	At Lane Avenue (CW50028)	10.0	2,125	*	3,039	3,261	3,857
Cedar River	AT Lenox Avenue (CW50035)	10.0	2,197	*	3,203	3,462	4,211
Cedar River	At confluence with Cedar River Tributary 12 (CW50045)	9.5	2,014	*	2,860	3,070	3,609
Cedar River	At confluence with Cedar River Tributary 13 (CW50047)	9.2	1,847	*	2,600	2,787	3,310
Cedar River	At Normandy Boulevard (CW50048)	8.9	1,718	*	2,486	2,695	3,280
Cedar River	At confluence with Cedar River Tributary 18 (CW50055)	8.9	1,748	*	2,615	2,868	3,578
Cedar River	At Interstate-10 (CW50075)	7.9	1,389	*	1,864	1,978	2,380

Table 10: Summary of Discharges, continued

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Cedar River	At confluence with Cedar River Tributary 14 (CW50105)	7.9	1,414	*	1,862	1,978	2,546
Cedar River	At Stuart Avenue (CW50105)	7.9	1,414	*	1,862	1,978	2,546
Cedar River	At Beaver Street (CW50135)	4.7	980	*	1,212	1,240	1,489
Cedar River	At Interstate-295 (CW50145)	4.2	955	*	1,232	1,297	1,480
Cedar River	At Pickettville Road (CW50155)	4.2	956	*	1,239	1,308	1,495
Cedar River	At confluence with Cedar River Tributary 17 (CW50172)	4.2	995	*	1,346	1,435	1,768
Cedar River	At confluence with Cedar River Tributary 16 (CW50175)	1.6	455	*	670	738	1,006
Cedar River Tributary 1	At confluence with Cedar River (CW51010)	0.3	343	*	502	587	971
Cedar River Tributary 12	At confluence with Cedar River (CW53010)	0.2	154	*	193	202	296
Cedar River Tributary 13	At confluence with Cedar River (CW52010)	0.3	257	*	397	431	563

Table 10: Summary of Discharges, continued

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Cedar River Tributary 13	At Normandy Boulevard (CW52030)	0.3	258	*	403	443	643
Cedar River Tributary 14	At confluence with Cedar River (CW54002)	2.2	355	*	510	592	941
Cedar River Tributary 14	At confluence with Cedar River Tributary 15 (CW54007)	2.2	1,127	*	1,091	985	1,123
Cedar River Tributary 14	At Beaver Street (CW54015)	1.3	587	*	514	450	612
Cedar River Tributary 14	At confluence with Cedar River Tributary 18 (CW54042)	0.9	171	*	247	274	433
Cedar River Tributary 15	At confluence with Cedar River Tributary 14 (CW55003)	0.8	753	*	1,012	1,061	1,326
Cedar River Tributary 16	At confluence with Cedar River (CW56010AP)	0.4	360	*	561	618	919
Cedar River Tributary 17	At confluence with Cedar River/Beaver Street (CW57030)	1.0	30	*	39	42	49
Cedar River Tributary 19	At confluence with Cedar River (CW58005)	0.5	624	*	1,405	1,494	1,604

Table 10: Summary of Discharges, continued

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Cedar Swamp Creek	At confluence with Pablo Creek (PB71001)	5.3	1,604	*	2,504	2,779	3,864
Cedar Swamp Creek	At J. Turner Butler Boulevard (PB71003)	5.0	1,482	*	2,309	2,576	3,591
Cedar Swamp Creek	At confluence with Cedar Swamp Creek Tributary 2 (PB71015)	3.5	867	*	1,240	1,335	1,764
Cedar Swamp Creek	At confluence with Cedar Swamp Creek Tributary 1 (PB71016)	2.5	356	*	501	542	715
Cedar Swamp Creek	At 9A (PB71036)	0.7	223	*	277	289	355
Cedar Swamp Creek Tributary 1	At Beach Boulevard (PB71230)	0.2	49	*	59	61	70
Cedar Swamp Creek Tributary 2	At confluence with Cedar Swamp Creek (PB76056AP)	0.4	121	*	152	158	199
Christopher Creek	At mouth/San Jose Boulevard (CH40000)	1.5	1,782	*	2,619	2,787	4,068
Christopher Creek	At confluence with Christopher Creek Tributary 1 (CH40003)	1.0	1,254	*	1,776	1,868	2,778
Christopher Creek	At West State Highway 109 (University Boulevard) (CH40015)	0.3	351	*	451	470	817

Table 10: Summary of Discharges, continued

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Christopher Creek	At St. Augustine Road (CH40025)	0.3	352	*	451	471	832
Christopher Creek Tributary 1	At confluence with Christopher Creek (CH41002)	0.5	666	*	976	1,029	1,577
Christopher Creek Tributary 1	At St. Augustine Road (CH41008)	0.3	631	*	673	931	1,059
Cormorant Branch	At mouth (CO61005)	2.7	1,166	*	1,937	2,209	3,257
Cormorant Branch	At Marbon Road (CO61017)	1.8	687	*	1,068	1,194	1,778
Cormorant Branch	At Old Acosta Road (CO61027)	1.4	499	*	743	838	1,250
Cormorant Branch	At Loretto Road (CO61037)	0.8	249	*	388	465	757
Craig Creek	At mouth (CR70001)	0.5	654	*	863	899	1,171
Craig Creek	At Hendricks Avenue (CR70002)	0.4	601	*	782	811	1,048
Craig Creek	At Phillips Highway (CR70015)	0.2	305	*	374	380	519
Deep Bottom Creek	At mouth (DB10001)	1.8	639	*	1,013	1,143	1,723
Deep Bottom Creek	At San Jose Boulevard (DB10035)	1.4	401	*	565	611	874

Table 10: Summary of Discharges, continued

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Deep Bottom Creek	At Interstate-295 Expressway (DB10060)	1.3	231	*	373	420	565
Deep Bottom Creek	At confluence with Deep Bottom Creek Tributary 1 (DB1075)	1.0	187	*	298	333	441
Deep Bottom Creek Tributary 1	At confluence with Deep Bottom Creek (DB20009AP)	0.2	40	*	60	67	93
Deer Creek	At mouth (DR30001)	1.0	868	*	1,209	1,276	1,695
Deer Creek	At Martin Luther King Jr. Parkway (DR30017)	0.7	571	*	735	772	1,075
Dunn Creek	At mouth (DN10002L2)	15.2	3,996	*	6,276	7,095	10,290
Dunn Creek	At confluence with Rushing Branch (DN10005)	14.7	3,910	*	6,123	6,911	10,314
Dunn Creek	At Dunn Creek Road (DN10025)	7.9	2,173	*	3,278	3,680	5,209
Dunn Creek	At confluence with Dunn Creek Tributary 1 (DN10035)	7.1	2,217	*	3,384	3,789	5,473
Dunn Creek	At New Berlin Road (DN10039)	4.8	1,853	*	2,721	3,003	4,464
Dunn Creek	At Starratt Road (DN10049)	3.7	1,413	*	1,991	2,187	3,415

Table 10: Summary of Discharges, continued

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Dunn Creek Tributary 1	At confluence with Dunn Creek (DN11001AP)	1.9	647	*	1,000	1,109	1,506
Dunn Creek Tributary 1	At New Berlin Road (DN11009)	1.2	374	*	502	545	796
Dunn Creek Tributary 2	At confluence with Dunn Creek (DN12003AP)	1.1	143	*	325	351	528
Dunn Creek Tributary 2	At Webb Road (DN12005)	1.1	143	*	235	307	517
Dunn Creek Tributary 3	At confluence with Dunn Creek Tributary 1 (DN11015)	0.2	73	*	103	121	319
Durbin Creek	At mouth (DC40005)	48.8	3,012	*	5,141	6,241	8,114
Durbin Creek	At confluence with Durbin Creek Tributary 1 (DC40090)	44.6	3,104	*	5,147	6,176	7,929
Durbin Creek Tributary 1	At Bartram Park Boulevard (DC42010)	4.5	779	*	1,189	1,315	1,668
Durbin Creek Tributary 1	At Interstate-95 (DC42030)	4.2	707	*	1,049	1,158	1,460
Durbin Creek Tributary 1	At Phillips Highway (DC42085)	2.0	70	*	80	85	91
East Branch	At mouth (EB90005)	0.8	283	*	369	390	470

Table 10: Summary of Discharges, continued

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
East Branch	At confluence with East Branch Tributary 1 (EB90070)	0.3	205	*	314	344	458
East Branch Tributary 1	At mouth (EB91003)	[1]	24	*	39	44	55
Fishing Creek	At mouth (FI20000L1)	6.1	1,841	*	2,800	3,146	4,337
Fishing Creek	At Timuquana Road (FI20002)	5.0	1,587	*	2,281	2,537	3,485
Fishing Creek	At confluence with Fishing Creek Tributary 1 (FI20006)	5.0	1,618	*	2,280	2,526	3,473
Fishing Creek	At Blanding Boulevard (FI20035)	1.2	142	*	250	321	409
Fishing Creek Tributary 1	At confluence with Fishing Creek (FI21005)	2.8	1,357	*	1,760	1,922	2,610
Fishing Creek Tributary 1	At Blanding Boulevard (FI21030)	2.7	1,299	*	1,681	1,840	2,506
Fishing Creek Tributary 1	At 103rd Street (FI21090)	1.0	683	*	859	907	1,071
Ginhouse Creek	At Fort Caroline Road (GH30005)	2.3	1,107	*	1,612	1,789	2,731
Ginhouse Creek	At Monument Road (GH30020)	2.3	1,281	*	1,967	2,135	3,077

Table 10: Summary of Discharges, continued

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Ginhouse Creek	At Lone Star Road (GH30045)	1.4	900	*	1,283	1,353	2,333
Ginhouse Creek	At State Road 9A (GH30073)	1.1	1,172	*	1,675	1,726	2,443
Ginhouse Creek	At Atlantic Boulevard (GH30075)	0.7	342	*	383	416	765
Goodbys Creek	At mouth (GB30002)	7.0	1,891	*	2,923	3,294	4,491
Goodbys Creek	At Baymeadows Road (GB30007AP)	3.4	995	*	1,629	1,862	2,630
Goodbys Creek	At Sanchez Road (GB33010)	3.1	928	*	1,513	1,726	2,425
Goodbys Creek	At San Cleric Road (GB33025)	2.8	851	*	1,340	1,515	2,091
Goodbys Creek	At Old Kings Road (GB33045)	0.9	211	*	348	408	540
Goodbys Creek	At Praver Driver South (GB33055)	0.9	200	*	353	417	559
Goodbys Creek	At Praver Driver North (GB33065AP)	0.7	141	*	226	254	378
Goodbys Creek Tributary 1	At confluence with Goodbys Creek (GB31001)	2.2	702	*	993	1,102	1,555
Goodbys Creek Tributary 1	At Sunbeam Road (GB31007)	1.6	182	*	319	350	424

Table 10: Summary of Discharges, continued

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Goodbys Creek Tributary 2	At confluence with Goodbys Creek (GB32001)	1.4	348	*	542	673	980
Goodbys Creek Tributary 2	At Craven Road (GB32012)	1.0	176	*	323	381	631
Goodbys Creek Tributary 3	At Old Kings Road (GB35014)	0.4	209	*	303	332	428
Goodbys Creek Tributary 3	At Philips Highway (GB35025AP)	0.4	210	*	307	346	527
Goodbys Creek Tributary 4	At Rathbone Drive (GB34002AP)	0.9	157	*	282	329	526
Goodbys Creek Tributary 5	At San Cleric Road (GB36010S)	0.7	187	*	273	320	491
Greenfield Creek	At mouth (GR10005)	1.5	699	*	1,130	1,260	1,877
Greenfield Creek	At Atlantic Boulevard (GR10015)	0.6	283	*	582	701	1,178
Gulley Branch	At mouth (GU30002)	0.8	308	*	542	629	934
Gulley Branch	At Dunn Avenue (GU30007)	0.6	193	*	334	391	606
Half Creek	At mouth (HA20001)	4.2	660	*	1,245	1,474	2,188
Half Creek	At Dunn Avenue (HA20007)	3.7	592	*	1,139	1,349	2,001

Table 10: Summary of Discharges, continued

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Half Creek	At confluence with Half Creek Tributary 1 (HA20025)	2.8	496	*	975	1,176	1,806
Half Creek	At confluence with Half Creek Tributary 2 (HA20035)	2.0	425	*	713	879	1,439
Half Creek Tributary 1	At confluence with Half Creek (HA21005)	0.1	41	*	69	79	106
Half Creek Tributary 2	At confluence with Half Creek (HA22010AP)	1.4	423	*	735	855	1,302
Hogan Creek	At mouth (HC40000)	3.1	1,684	*	2,036	2,060	2,490
Hogan Creek	At Bay Street (HC40004)	3.1	1,684	*	2,036	2,060	2,490
Hogan Creek	At Hart Expressway (HC40025)	3.0	1,676	*	2,093	2,118	2,486
Hogan Creek	At Arlington Expressway (HC40048)	2.9	1,691	*	2,204	2,284	2,648
Hogan Creek	At Main Street (HC40085)	2.1	1,536	*	2,147	2,185	3,052
Hogan Creek	At Broad Street (HC40135)	1.8	1,987	*	2,822	2,959	3,907
Hogan Creek	At 8th Street (HC40155)	0.7	926	*	1,472	1,530	2,137
Hogpen Creek	At mouth/San Pablo Road (HP40005)	7.7	1,137	*	1,638	1,814	2,449

Table 10: Summary of Discharges, continued

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Hogpen Creek Tributary 1	At confluence with Hogpen Creek (HP41002)	0.3	103	*	153	182	254
Hopkins Creek	At mouth (HK29995)	3.7	1,062	*	1,999	2,341	3,391
Hopkins Creek	At confluence with Hopkins Creek Tributary 1 and 2 (HK30002)	3.7	1,062	*	1,999	2,341	3,391
Hopkins Creek	At Florida Boulevard (HK30007)	0.9	497	*	786	859	1,250
Hopkins Creek	At Atlantic Boulevard (HK30017)	0.5	211	*	338	371	521
Hopkins Creek	At Plaza Drive (HK30045)	0.2	102	*	115	121	189
Hopkins Creek Tributary 1	At confluence with Hopkins Creek (HK31004)	0.5	310	*	826	920	1,197
Hopkins Creek Tributary 2	At confluence with Hopkins Creek (HK32005L)	1.9	457	*	634	668	883
Hopkins Creek Tributary 2	At Penman Road (HK32005AP)	1.9	488	*	629	662	879
Hopkins Creek Tributary 2	At confluence with Hopkins Creek Tributary 3 (HK32015)	1.9	495	*	626	659	877

Table 10: Summary of Discharges, continued

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Hopkins Creek Tributary 2	At Florida Boulevard (HK32025)	0.5	57	*	102	111	273
Hopkins Creek Tributary 3	At confluence with Hopkins Creek Tributary 2 (HK33005)	1.0	324	*	457	473	627
Hopkins Creek Tributary 3	At Seagate Avenue (HK33015)	1.0	323	*	458	473	628
Jones Creek	At Fort Caroline Road (JC40001)	3.9	1,272	*	1,599	1,662	2,155
Jones Creek	At Monument Road (JC40007)	3.0	1,155	*	1,423	1,477	1,697
Jones Creek	At Interstate-295 (JC40011)	3.0	1,155	*	1,424	1,478	1,698
Jones Creek	At Atlantic Boulevard (JC40025)	1.2	823	*	1,236	1,347	1,942
Jones Creek Tributary 1	At confluence with Jones Creek (JC41002)	0.6	409	*	583	605	924
Jones Creek Tributary 1	At Atlantic Boulevard (JC41025)	0.4	291	*	391	408	466
Jones Creek Tributary 2	At confluence with Jones Creek (JC42008)	0.6	61	*	99	109	364
Julington Creek	At mouth (JU30000L1)	33.2	2,917	*	4,408	5,173	6,873
Julington Creek	At Old St. Augustine Road (JU30009)	28.3	2,625	*	3,945	4,564	6,166

Table 10: Summary of Discharges, continued

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Julington Creek	At confluence with Julington Creek Tributary 5 (JU30016)	13.2	2,386	*	3,433	3,799	5,137
Julington Creek	At Greenland Road (JU30017)	12.0	2,220	*	3,130	3,454	4,552
Julington Creek	At confluence with Sweetwater Creek (JU30023)	11.6	2,188	*	3,070	3,375	4,441
Julington Creek	At confluence with Julington Creek Tributary 4 (JU30024)	7.4	1,953	*	2,708	2,943	3,838
Julington Creek	At Interstate-295 (JU30025)	6.9	1,751	*	2,458	2,678	3,407
Julington Creek	At Florida East Coast Railway (JU30037)	5.4	1,618	*	2,334	2,558	3,820
Julington Creek	At Phillips Highway (JU30055)	1.1	619	*	828	891	1,096
Julington Creek Tributary 1	At Interstate-95 (JU30120)	1.7	1,031	*	1,375	1,440	2,689
Julington Creek Tributary 1	At Southside Boulevard (JU30150)	1.5	581	*	1,243	1,556	2,550
Julington Creek Tributary 4	At confluence with Julington Creek (JU34008)	0.5	288	*	439	511	749

Table 10: Summary of Discharges, continued

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Julington Creek Tributary 4	At Interstate-295 (JU34050AP)	0.2	273	*	393	412	511
Julington Creek Tributary 5	At confluence with Julington Creek (JU35010)	1.2	289	*	550	660	1,078
Julington Creek Tributary 8	At confluence with Julington Creek (JU38010AP)	0.6	268	*	651	781	1,254
Little Cedar Creek	At mouth (LC20003L3)	5.8	1,348	*	1,969	2,099	2,551
Little Cedar Creek	At Interstate-95 (LC20003)	5.8	1,168	*	1,479	1,523	1,644
Little Cedar Creek	At Interstate-295 (LC20010)	5.0	1,145	*	1,600	1,708	2,063
Little Cedar Creek	At confluence with Little Cedar Creek Tributary 1 & 3 (LC20023)	4.6	1,010	*	1,416	1,529	1,844
Little Cedar Creek	At Airport Road (LC20050)	1.7	384	*	448	449	575
Little Cedar Creek	At Interstate-95 (LC20067)	1.1	215	*	321	340	405
Little Cedar Creek Tributary 1	At confluence with Little Cedar Creek (LC21002)	1.9	287	*	425	529	807

Table 10: Summary of Discharges, continued

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Little Cedar Creek Tributary 1	At Interstate-95 (LC21017)	1.9	412	*	604	654	997
Little Cedar Creek Tributary 1	At Airport Center Drive (LC21035)	1.0	145	*	239	265	329
Little Cedar Creek Tributary 2	At Interstate-95 (LC22005)	0.4	293	*	311	314	324
Little Fishweir Creek	At mouth (LF60002)	1.0	414	*	735	849	1,429
Little Fishweir Creek	At confluence with Little Fishweir Creek Tributary 1 (LF60032)	0.8	431	*	673	735	1,180
Little Fishweir Creek	At Park Street (LF60039)	0.5	356	*	553	608	874
Little Fishweir Creek	At Roosevelt Boulevard (LF60067)	0.2	122	*	170	201	331
Little Pottsburg Creek	At mouth near Atlantic Boulevard (LP10001)	3.4	2,358	*	3,347	3,658	5,462
Little Pottsburg Creek	At Hart Expressway (LP10007)	3.0	2,112	*	3,029	3,333	5,087
Little Pottsburg Creek	At Beach Boulevard (LP10035)	2.8	2,053	*	2,975	3,312	5,237
Little Pottsburg Creek	At Emerson Expressway (LP10045)	2.6	2,036	*	3,005	3,384	5,577
Little Pottsburg Creek	At Interstate-95 (LP10096)	0.8	437	*	616	666	874

Table 10: Summary of Discharges, continued

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Little Pottsburg Creek Tributary 1	At confluence with Little Pottsburg Creek (LP14010)	[1]	193	*	354	357	410
Little Pottsburg Creek Tributary 2	At confluence with Little Pottsburg Creek (LP10069AP)	0.3	818	*	1,166	1,212	1,808
Little Pottsburg Creek Tributary 3	At confluence with Little Pottsburg Creek (LP12004)	0.1	218	*	264	262	404
Little Sixmile Creek	AT confluence with Ribault River (RB70009)	4.9	1,216	*	1,569	1,600	1,791
Little Sixmile Creek	At confluence with Little Sixmile Creek Tributary 1 & 3 (RB70025)	4.3	1,186	*	1,730	1,905	2,488
Little Sixmile Creek Tributary 1	At confluence with Little Sixmile Creek (RB71003)	2.1	644	*	941	1,047	1,344
Little Sixmile Creek Tributary 1	At confluence with Little Sixmile Creek Tributary 2	2.1	825	*	1,110	1,244	1,828
Little Sixmile Creek Tributary 2	At confluence with Little Sixmile Creek Tributary 1 (RB72005)	0.5	269	*	326	364	619
Little Sixmile Creek Tributary 2	At Edgewood Avenue (RB72015)	0.5	269	*	327	364	621

Table 10: Summary of Discharges, continued

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Little Sixmile Creek Tributary 3	At confluence with Little Sixmile Creek (RB73005)	0.3	305	*	324	315	326
Little Trout River	At confluence with Trout River (TR41000L1)	9.4	627	*	953	1,044	1,362
Little Trout River	At Old Kings Road (TR41007)	8.8	467	*	730	803	1,084
Little Trout River	At confluence with Little Trout River Tributary 4 (TR41060)	6.9	149	*	453	640	1,096
Little Trout River Tributary 4	At confluence with Little Trout River (TR44010)	1.4	206	*	373	428	514
Little Trout River Tributary 6	At confluence with Little Trout River (TR46006)	0.5	126	*	173	216	358
Little Trout River Tributary 10	At confluence with Little Trout River (TR51005)	0.1	59	*	63	67	83
Long Branch	At mouth (LB10001)	2.2	1,628	*	2,453	2,654	3,518
Long Branch	At Railroad (LB10015)	1.6	1,505	*	2,121	2,230	2,905
Long Branch	At Railroad (LB10050)	1.3	1,683	*	2,278	2,374	2,929
Long Branch Tributary 1	At confluence with Long Branch (LB11005AP)	0.7	788	*	1,051	1,091	1,371
Magnolia Gardens Creek	At mouth (MG64020S)	1.6	1,159	*	1,159	1,159	1,159

Table 10: Summary of Discharges, continued

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Magnolia Gardens Creek	At Moncrief Road (MG64130)	1.4	260	*	431	482	649
Magnolia Gardens Creek	At Edgewood Avenue (MG64150)	1.1	262	*	432	484	684
McCoy Creek	At mouth (MC50005S)	5.8	1,852	*	2,717	3,117	4,523
McCoy Creek	At Interstate-95 (MC50035)	4.8	1,493	*	2,299	2,567	3,772
McCoy Creek	At confluence with McCoy Creek Tributary 1 (MC50072)	4.2	1,357	*	2,228	2,483	3,474
McCoy Creek	At confluence with McCoy Creek Southwest Branch (Leland Street) (MC50095)	3.7	1,413	*	2,016	2,261	3,137
McCoy Creek	At Beaver ST (MC50125)	1.9	763	*	1,242	1,410	2,026
McCoy Creek	At confluence with McCoy Creek North Branch (MC50155)	1.6	612	*	1,081	1,233	1,747
McCoy Creek North Branch	At confluence with McCoy Creek/Commonwealth Avenue (MC53002)	0.4	177	*	278	320	456

Table 10: Summary of Discharges, continued

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
McCoy Creek Southwest Branch	At confluence with McCoy Creek/McCoy Creek Boulevard (MC52004AP)	1.7	914	*	1,150	1,187	1,439
McCoy Creek Southwest Branch	At Interstate-10 (MC52035)	1.4	787	*	958	979	1,128
McCoy Creek Southwest Branch	At McDuff Avenue (MC52068)	1.1	491	*	583	598	708
McCoy Creek Tributary 5	At confluence with McCoy Creek Southwest Branch (MC55010S)	0.1	282	*	420	439	668
McGirts Creek	At confluence with Ortega River (OR60006L1)	20.2	1,159	*	2,156	2,626	3,655
McGirts Creek	At Chaffee Road (OR60009)	17.4	1,067	*	2,001	2,447	3,434
McGirts Creek	At Interstate-10 (OR60015L)	11.7	814	*	1,649	2,092	3,089
McGirts Creek	At Beaver Street (OR60025)	11.7	841	*	1,704	2,160	3,211
McGirts Creek	At Old Plank Road (OR60048)	7.4	469	*	1,161	1,502	2,319

Table 10: Summary of Discharges, continued

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
McGirts Creek Tributary 11	At confluence with McGirts Creek (OR61012AP)	4.9	318	*	409	433	481
McGirts Creek Tributary 12	At confluence with McGirts Creek (OR62004)	2.1	268	*	647	787	2,090
McGirts Creek Tributary 14	At confluence with McGirts Creek (OR64005APS)	1.4	267	*	594	686	967
Mill Dam Branch	At confluence with Pablo Creek (PB74006)	5.7	1,752	*	2,416	2,753	3,793
Mill Dam Branch	At 9A (PB74008)	5.7	1,749	*	2,360	2,517	3,137
Mill Dam Branch	At J. Turner Boulevard (PB74020APS)	4.4	1,344	*	1,736	1,793	2,080
Mill Dam Branch	At Brightman Boulevard (PB74045)	3.6	907	*	1,093	1,134	1,271
Mill Dam Branch	At Town Center Parkway (PB74051)	3.6	907	*	1,090	1,129	1,268
Mill Dam Branch	At Alumni Way (PB74055)	2.4	1,342	*	1,973	2,096	2,892
Mill Dam Branch	At Smokewood Drive (PB74095)	1.3	464	*	658	726	1,016
Mill Dam Branch	At Beach Boulevard (PB74119)	0.9	166	*	240	266	337

Table 10: Summary of Discharges, continued

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Mill Dam Branch Canal	At confluence with Mill Dam Branch (PB74520)	0.6	228	*	306	325	411
Mill Dam Branch Canal	At Gate Parkway (PB74550)	0.6	228	*	303	320	403
Mill Dam Branch Tributary 3	At confluence with Mill Dam Branch (PB74203AP)	0.9	17	*	19	16	20
Mill Dam Branch Tributary 4	At confluence with Mill Dam Branch (PB74126AP)	0.2	33	*	46	50	66
Mill Dam Branch Tributary 5	At confluence with Mill Dam Branch (PB74426S)	0.1	186	*	302	317	522
Miller Creek	At mouth/Atlantic Boulevard (MI80002)	0.8	1,011	*	1,300	1,340	1,762
Miller Creek	At confluence with Miller Creek Tributary 2 (MI80005)	0.8	1,023	*	1,336	1,374	1,828
Miller Creek	At Beach Boulevard (MI80007)	0.5	308	*	389	399	467
Miller Creek	At Miller Creek Tributary 1 (MI80033)	0.3	198	*	315	368	712
Miller Creek Tributary 1	At confluence with Miller Creek (MI81035)	0.1	75	*	117	136	293
Miramar Tributary	At mouth (MR60002)	0.7	533	*	748	801	1,171

Table 10: Summary of Discharges, continued

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Miramar Tributary	At confluence with Miramar Tributary Tributary 1 (MR60007)	0.6	379	*	520	554	770
Miramar Tributary	At Hendricks Avenue (MR60017)	0.3	226	*	305	318	503
Moncrief Creek	At mouth (MN80001L1)	6.1	2,660	*	3,809	4,189	5,577
Moncrief Creek	At Lem Turner Road (MN80005)	5.1	2,308	*	3,391	3,758	5,041
Moncrief Creek	At Interstate-95 (MN80015)	4.8	2,204	*	3,230	3,580	4,802
Moncrief Creek	At Moncrief Road (MN80035)	3.2	1,631	*	2,355	2,610	3,516
Moncrief Creek	At 33rd Street (MN80054)	2.4	1,376	*	2,065	2,146	2,820
Moncrief Creek	At Martin Luther King Jr. Parkway (MN80065)	1.9	1,542	*	2,250	2,411	2,902
Moncrief Creek	At 13th Street (MN80097)	1.0	783	*	1,153	1,238	1,658
Moncrief Creek Tributary 4	At confluence with Moncrief Creek (MN84010)	0.4	202	*	296	386	593
Mount Pleasant Creek	At mouth (MP20001)	8.2	1,529	*	2,612	2,985	4,287
Mount Pleasant Creek	At Ashley Melisse Boulevard (MP20006)	6.2	670	*	1,023	1,115	1,558

Table 10: Summary of Discharges, continued

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Mount Pleasant Creek	At Kernan Boulevard (MP20051)	4.3	110	*	160	175	229
Mount Pleasant Creek Tributary 3	At confluence with Mount Pleasant Creek Tributary 4 (MP23092)	0.2	384	*	746	830	1,312
Mount Pleasant Creek Tributary 4	At confluence with Mount Pleasant Creek (MP24003)	0.3	29	*	87	103	170
Mount Pleasant Creek Tributary 6	At confluence with Mount Pleasant Creek (MP26002)	2.5	58	*	74	78	90
Nassau River/ Thomas Creek	At U.S. Route 17	282.6	7,935	*	13,310	15,970	22,990
New Rose Creek	At mouth/San Jose Boulevard (NR50003)	2.0	665	*	1,192	1,336	2,154
New Rose Creek	At confluence with New Rose Creek Tributary 1 (NR50006)	2.0	665	*	1,194	1,339	2,154
New Rose Creek	At confluence with New Rose Creek (NR50009)	0.5	202	*	404	484	703
New Rose Creek	At St. Augustine Road (NR50025)	0.3	360	*	399	406	497
New Rose Creek Tributary 1	At confluence with New Rose Creek Tributary 2 (NR51013)	1.2	523	*	1,245	1,434	2,123

Table 10: Summary of Discharges, continued

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
New Rose Creek Tributary 1	At St. Augustine Road (NR51025)	0.6	622	*	979	1,044	1,296
New Rose Creek Tributary 1	At confluence with New Rose Creek Tributary 3 (NR51035)	0.5	496	*	786	829	1,032
Newcastle Creek	At mouth (NC50005)	0.9	714	*	1,259	1,346	1,749
Newcastle Creek	At Fort Caroline Road (NC50007)	0.7	637	*	1,078	1,135	1,377
Newcastle Creek Tributary 1	At confluence with Newcastle Creek (NC51005)	0.3	420	*	707	750	1,171
Ninemile Creek	At mouth (NM50001)	5.5	1,055	*	1,715	1,958	2,805
Ninemile Creek	At New Kings Road (NM50015)	4.6	878	*	1,413	1,602	2,240
Ninemile Creek	At Interstate-295 (NM50043)	3.6	715	*	1,115	1,257	1,659
Ninemile Creek	At confluence with Ninemile Creek Tributary 2 (NM50072)	1.5	282	*	355	373	362
Ninemile Creek	At Interstate-95 (NM50090)	0.2	140	*	124	115	209
Ninemile Creek Tributary 1	At confluence with Ninemile Creek (NM51003)	1.3	425	*	702	779	1,066

Table 10: Summary of Discharges, continued

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Ninemile Creek Tributary 2	At confluence with Ninemile Creek (NM52001)	0.8	156	*	233	284	427
Ninemile Creek Tributary 6	At confluence with Ninemile Creek (NM56003)	0.1	95	*	124	132	149
North Fork Sixmile Creek	At Imeson Road (RB63003)	4.3	546	*	897	978	1,480
North Fork Sixmile Creek	At confluence with North Fork Sixmile Creek Tributary 1 (RB63007)	3.6	496	*	925	1,086	1,783
North Fork Sixmile Creek	At Bull's Bay Highway (RB63009)	2.9	457	*	921	1,118	1,859
North Fork Sixmile Creek	At Fish Road (RB63027)	1.2	171	*	304	409	890
North Fork Sixmile Creek Tributary 1	At confluence with North Fork Sixmile Creek (RB67009)	0.8	72	*	107	118	206
Oldfield Creek	At mouth (OL62005)	5.0	1,882	*	2,946	3,453	5,183
Oldfield Creek	At confluence with Oldfield Creek Tributary 1, 5 (OL62015)	3.9	1,447	*	2,286	2,719	4,146
Oldfield Creek	At Loretto Road (OL62019)	2.7	877	*	1,403	1,662	2,400

Table 10: Summary of Discharges, continued

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Oldfield Creek	At St. Joseph's Road (OL62025AP)	2.3	724	*	1,124	1,319	1,804
Oldfield Creek	At Interstate-295 (OL62037)	1.7	365	*	592	668	886
Oldfield Creek	At Old St. Augustine Road (OL62047)	1.0	221	*	246	255	297
Oldfield Creek Tributary 1	At confluence with Oldfield Creek (OL62103)	0.9	464	*	683	824	1,397
Oldfield Creek Tributary 1	At Old St. Augustine Road (OL62107)	0.7	357	*	511	618	1,069
Oldfield Creek Tributary 2	At confluence with Oldfield Creek (OL62203AP)	0.3	305	*	429	509	644
Oldfield Creek Tributary 3	At confluence with Oldfield Creek (OL62305)	0.3	95	*	120	124	141
Oldfield Creek Tributary 4	At confluence with Oldfield Creek (OL62405)	0.8	539	*	1,166	1,379	2,200
Oldfield Creek Tributary 7	At confluence with Oldfield Creek (OL62710)	0.2	74	*	124	137	159
Open Creek	At mouth/confluence with Open Creek Tributary 3 (OP50011L)	5.1	1,751	*	3,014	3,433	5,000

Table 10: Summary of Discharges, continued

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Open Creek	At San Pablo Parkway (OP50011)	4.5	1,618	*	2,795	3,193	4,679
Open Creek	At confluence with Open Creek Tributary 1 (OP50016)	4.0	1,477	*	2,551	2,912	4,249
Open Creek	At confluence with Open Creek Tributary 2 (OP50023)	3.1	1,229	*	2,092	2,345	3,367
Open Creek	At Hodges Boulevard (OP50027)	1.9	1,001	*	1,476	1,590	2,229
Open Creek	At confluence with Open Creek Tributary 4 (OP50036L)	1.0	599	*	851	919	1,187
Open Creek	At Beach Boulevard (OP50037)	0.3	114	*	166	168	198
Open Creek Tributary 1	At confluence with Open Creek/ Crosswater Boulevard (OP51005)	0.7	568	*	878	945	1,290
Open Creek Tributary 2	At confluence with Open Creek/Windsor Park Drive (OP52001)	0.6	190	*	381	439	621
Open Creek Tributary 3	At confluence with Open Creek (OP53003)	0.4	221	*	356	386	591
Open Creek Tributary 3	At San Pablo Parkway (OP53030)	0.2	89	*	130	141	181

Table 10: Summary of Discharges, continued

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Open Creek Tributary 4	At confluence with Open Creek (OP54005)	0.5	409	*	552	602	795
Open Creek Tributary 4	At Beach Boulevard (OP54025)	0.11	*	*	*	77	*
Ortega River	At mouth (OR10011)	57.2	2,848	*	5,228	6,347	8,860
Ortega River	At confluence with Ortega River Tributary 1 (OR10015)	57.2	2,850	*	5,232	6,351	8,865
Ortega River	At Collins Road (OR10025)	53.6	2,764	*	5,088	6,169	8,603
Ortega River	At Interstate-295 (OR10037)	52.9	2,768	*	5,092	6,161	8,586
Ortega River	At Blanding Boulevard (OR10045)	52.9	2,783	*	5,121	6,182	8,613
Ortega River	At Argyle Forest Boulevard (OR10058)	45.2	2,739	*	5,396	6,420	9,821
Ortega River	At Collins Road (OR10061L2)	44.7	2,703	*	5,331	6,342	9,736
Ortega River	At confluence with Ortega River Tributary 3 (OR10066)	33.3	1,977	*	4,168	4,981	8,070
Ortega River	At 103rd Street (OR10068)	30.7	1,626	*	3,111	3,729	6,142
Ortega River	At Normandy boulevard (OR10078)	23.7	1,238	*	2,309	2,815	3,911

Table 10: Summary of Discharges, continued

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Ortega River Tributary 1	At confluence with Ortega River (OR11015)	2.2	1,034	*	1,500	1,673	2,502
Ortega River Tributary 1	At Blanding Boulevard (OR11007)	1.6	586	*	875	932	1,177
Ortega River Tributary 2	At confluence with Ortega River (OR19025APS)	0.6	87	*	98	100	107
Ortega River Tributary 3	At confluence with Ortega River (OR13002AP)	1.4	1,148	*	1,724	1,905	2,929
Ortega River Tributary 3	At 103rd Street (OR13050AP)	0.5	165	*	309	371	630
Ortega River Tributary 4	At confluence with Ortega River (OR14003)	3.9	459	*	772	879	1,250
Ortega River Tributary 4	At Old Middleburg Road (OR14015)	3.2	409	*	607	678	965
Ortega River Tributary 5	At confluence with Ortega River (OR15005)	0.7	28	*	33	37	43
Ortega River Tributary 6	At confluence with Ortega River (OR16007)	1.1	1,253	*	1,451	1,204	1,446
Ortega River Tributary 6	At Interstate-295 (OR16035)	0.6	116	*	187	216	316

Table 10: Summary of Discharges, continued

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Ortega River Tributary 7	At confluence with Ortega River (OR17010S)	0.7	594	*	640	648	673
Ortega River Tributary 7	At Interstate-295 (OR17015)	0.4	406	*	543	570	662
Ortega River Tributary 10	At confluence with Ortega River (OR10505AP)	3.2	463	*	814	951	1,547
Ortega River Tributary 11	At confluence with Ortega River (OR10410AP)	0.4	235	*	741	921	1,614
Pablo Creek	At mouth (PB70000L)	46.2	6,957	*	11,719	13,707	23,740
Pablo Creek	At confluence with Box Branch (PB70001)	46.2	5,673	*	9,135	10,695	15,951
Pablo Creek	At confluence with Cedar Swamp Creek (PB70005)	30.4	3,830	*	6,032	7,059	9,915
Pablo Creek	At confluence with Pablo Creek Tributary 1 (PB70007)	24.8	2,966	*	4,816	5,703	7,797
Pablo Creek	At confluence with Pablo Creek Tributary 2 (PB70011)	23.7	2,863	*	4,629	5,469	7,462
Pablo Creek	At Hampton Park Boulevard (PB70023)	16.8	2,068	*	3,305	3,867	5,240

Table 10: Summary of Discharges, continued

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Pablo Creek	At confluence with Second Puncheon Branch (PB70025L1)	15.9	2,023	*	3,200	3,726	5,064
Pablo Creek	At confluence with Mill Dam Branch (PB70026)	8.4	1,985	*	2,598	2,657	3,308
Pablo Creek Tributary 1	At confluence with Pablo Creek (PB77005AP)	0.3	26	*	60	74	128
Pablo Creek Tributary 1	At J. Turner Butler Boulevard (PB77010AP)	0.3	27	*	62	79	137
Pablo Creek Tributary 2	At confluence with Pablo Creek (PB76003AP)	2.2	555	*	1,073	1,161	1,766
Pablo Creek Tributary 2	At J. Turner Butler Boulevard (PB76100)	0.6	123	*	214	239	309
Pablo Creek Tributary 2	At Kernan Boulevard (PB76140)	0.5	122	*	217	243	319
Pablo Creek Tributary 3	At confluence with Pablo Creek Tributary 2 (PB76020)	1.2	409	*	628	671	964
Pablo Creek Tributary 3	Just upstream of J. Turner Butler Boulevard (PB76035)	1.2	439	*	664	707	1,011
Pablo Creek Tributary 3	At Kernan Boulevard (PB76054)	0.8	168	*	243	263	327

Table 10: Summary of Discharges, continued

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Pablo Creek Tributary 3	At Confluence with Cedar Swamp Tributary 2 (PB76060)	0.8	392	*	633	678	1,054
Pablo Creek Tributary 3	At Beach Boulevard (PB76065)	0.2	119	*	145	148	179
Pickett Branch	At confluence with Cedar Creek (CE11001)	5.0	36	*	41	43	50
Pickett Branch	At Interstate-295 (CE11007)	4.3	932	*	1,436	1,574	2,049
Pickett Branch	At International Airport Boulevard (CE11019)	3.7	822	*	1,267	1,387	1,817
Pickett Branch	At confluence with Pickett Branch Tributary 3 (CE11025)	2.7	581	*	960	1,070	1,466
Pickett Branch	At confluence with Pickett Branch Tributary 4 (CE11029)	2.0	464	*	765	845	1,128
Pickett Branch	At confluence with Pickett Branch Tributary 5 (CE11034)	1.3	315	*	521	566	738
Pickett Branch Tributary 3	At confluence with Pickett Branch (CE13005)	0.8	640	*	645	694	1,045

Table 10: Summary of Discharges, continued

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Pickett Branch Tributary 4	At confluence with Pickett Branch (CE14005)	0.4	99	*	188	221	315
Pickett Branch Tributary 5	At confluence with Pickett Branch (CE15010)	0.4	126	*	182	178	222
Pottsburg Creek	At mouth (PC20000L1)	20.3	4,688	*	8,084	9,358	13,737
Pottsburg Creek	At confluence with Pottsburg Creek Tributary 2 (PC20005)	18.1	3,208	*	5,151	5,899	8,215
Pottsburg Creek	At Beach Boulevard (PC20007)	16.0	2,989	*	4,791	5,494	7,702
Pottsburg Creek	At confluence with Pottsburg Creek Tributary 3 (PC20020S)	15.0	2,944	*	4,690	5,359	7,512
Pottsburg Creek	At confluence with Pottsburg Creek Tributary 4 (PC20024)	14.1	2,789	*	4,354	4,946	6,858
Pottsburg Creek	At confluence with Pottsburg Creek Tributary 5 (CE20025)	13.8	2,738	*	4,254	4,806	6,607
Pottsburg Creek	At confluence with Bonett Branch (PC20033)	11.4	2,299	*	3,492	3,907	5,345
Pottsburg Creek	At J. Turner Butler Boulevard (PC20047)	7.8	1,692	*	2,541	2,840	3,792

Table 10: Summary of Discharges, continued

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Pottsburg Creek	At Interstate-95 (PC20057)	2.3	237	*	243	244	291
Pottsburg Creek	At Baymeadows Road (PC20067)	1.8	333	*	537	573	864
Pottsburg Creek Tributary 5	At confluence with Pottsburg Creek (PC25005)	1.9	1,411	*	2,290	2,520	3,427
Pottsburg Creek Tributary 5	At University Boulevard (PC25050)	0.8	696	*	987	1,039	1,263
Pottsburg Creek Tributary 5	At Interstate-95 (PC25110)	0.4	186	*	232	246	296
Puckett Creek	At mouth/Wonderwood Drive (SP20002)	1.7	417	*	578	621	854
Puckett Creek	At confluence with Sherman Creek Canal/ Highway A1A (SP20007)	1.6	386	*	545	586	742
Puckett Creek	At Assisi Lane (SP20025)	0.5	195	*	262	276	417
Red Bay Branch	At Arlington Expressway (SW41005)	2.2	336	*	543	555	1,183
Red Bay Branch	At Lone Star Road (SW41017)	1.6	522	*	976	1,168	2,135

Table 10: Summary of Discharges, continued

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Red Bay Branch Tributary 1	At confluence with Red Bay Branch (SW43005AP)	0.3	79	*	126	214	359
Ribault River	At mouth (RB60001)	27.0	3,179	*	4,696	5,169	6,631
Ribault River	At Moncrief Road (RB60018)	26.1	3,092	*	4,566	5,047	6,504
Ribault River	At confluence with Ribault River Tributary 4 (RB60027)	25.6	3,079	*	4,517	4,988	6,446
Ribault River	At confluence with Ribault River Tributary 5, 9 (RB60028)	25.3	3,087	*	4,561	4,950	6,406
Ribault River	At New Kings Road (RB60029)	24.1	2,904	*	4,052	4,503	5,828
Ribault River	At confluence with Little Sixmile Creek And Sixmile Creek (RB60043)	21.9	2,715	*	3,989	4,543	5,843
Ribault River Tributary 2	At confluence with Ribault River (RB62019)	1.2	568	*	728	744	836
Ribault River Tributary 5	At confluence with Ribault River (RB65010)	0.1	161	*	362	448	627

Table 10: Summary of Discharges, continued

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Ribault River Tributary 8	At confluence with Ribault River (RB68010)	0.4	368	*	589	603	936
Ribault River Tributary 9	At confluence with Ribault River (RB69002)	0.9	454	*	529	548	712
Rowell Creek	At confluence with Taylor Creek (RC0090)	9.4	806	*	1,300	1,636	61,606
Rowell Creek	At the Outfall of Lake Fretwell (RC0110L)	8.8	755	*	1,218	1,529	2,492
Rowell Creek	At confluence with Rowell Creek Tributary 1 (RC0140)	7.1	670	*	1,052	1,227	1,770
Rowell Creek	At Secluded Avenue (RC0151S)	5.7	459	*	717	814	1,167
Rowell Creek	At Normandy Boulevard (RC0160L)	5.4	425	*	656	733	944
Rowell Creek	At confluence with Rowell Creek Tributary 2 (RC0190)	5.0	362	*	546	609	712
Rowell Creek Tributary 2	At confluence with Rowell Creek (RC0200L)	2.9	111	*	153	173	208
Rushing Branch	At confluence with Dunn Creek (DN20000L)	5.4	3,558	*	3,264	3,758	5,911

Table 10: Summary of Discharges, continued

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Rushing Branch	At Yellow Bluff Road (DN21003)	2.0	741	*	1,293	1,519	2,430
Rushing Branch Tributary 1	At confluence with Rushing Branch (DN21103AP)	0.7	360	*	576	635	933
Sal Taylor Creek	At mouth (TC0091L)	24.6	3,672	*	3,672	4,048	6,195
Sal Taylor Creek	At confluence with Rowell Creek (TC0100L)	24.6	2,155	*	3,400	4,053	7,004
Sal Taylor Creek	At confluence with Sal Taylor Creek Tributary 2 (TC01090L)	7.2	612	*	1,007	1,417	1,561
Sal Taylor Creek	At confluence with Sal Taylor Creek Tributary 4 (TC1140)	2.5	620	*	897	1,032	1,420
Sal Taylor Creek Tributary 2	At confluence with Sal Taylor Creek (TC0190L)	2.6	424	*	725	828	1,157
Sal Taylor Creek Tributary 3	At confluence with Sal Taylor Creek Tributary 2 (TC0204L)	0.7	187	*	680	773	852
Sal Taylor Creek Tributary 4	At confluence with Sal Taylor Creek (TC2040L)	1.9	396	*	571	650	941
Sal Taylor Creek Tributary 4	At 103rd Street (TC2104)	0.9	177	*	297	320	380

Table 10: Summary of Discharges, continued

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Sandalwood Creek	At confluence with Hogpen Creek (HP27650)	7.0	991	*	1,456	1,576	1,984
Sandalwood Creek	At Hodges Boulevard (HP24795)	6.3	861	*	1,270	1,380	1,689
Sandalwood Creek	At Kernan Boulevard (HP15380)	3.4	700	*	954	1,045	1,321
Sawmill Slough/ Buckhead Branch	At confluence with Pablo Creek (PB73005)	1.8	657	*	1,080	1,172	1,789
Sawmill Slough/ Buckhead Branch	Just upstream of J. Turner Butler Boulevard (PB73015)	1.8	633	*	1,112	1,210	1,897
Sawmill Slough/ Buckhead Branch	At UNF Drive (PB73035)	1.0	167	*	332	385	621
Sawmill Slough/ Buckhead Branch Tributary 1	Just upstream of J. Turner Butler Boulevard (PB73125)	0.2	21	*	90	136	325
Sawmill Slough/ Buckhead Branch Tributary 2	At confluence with Sawmill Slough/ Buckhead Branch (PB73075)	0.1	127	*	138	131	149
Seaton Creek	At mouth (TH10003)	14.8	3,040	*	4,664	5,286	7,194
Seaton Creek	At confluence with Seaton Creek Tributary 1 (TH10010)	14.8	2,898	*	4,525	5,149	7,099

Table 10: Summary of Discharges, continued

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Seaton Creek	At confluence with Seaton Creek Tributary 2 (TH20100)	6.1	1,005	*	1,527	1,720	2,351
Seaton Creek Tributary 1	At confluence with Seaton Creek (TH10010)	5.5	2,941	*	4,574	5,201	7,154
Seaton Creek Tributary 1	At Arnold Road (TH10100)	3.3	443	*	744	881	1,246
Seaton Creek Tributary 2	At Arnold Road (TH22090)	1.1	291	*	479	542	784
Second Puncheon Branch	At confluence with Pablo Creek (PB74918)	7.5	1,021	*	1,646	1,865	2,727
Second Puncheon Branch	At 9A (PB74950)	7.5	1,022	*	1,648	1,867	2,561
Second Puncheon Branch	At confluence with Second Puncheon Branch Tributary 1 (PB75004)	6.9	957	*	1,540	1,736	2,392
Second Puncheon Branch	At confluence with Second Puncheon Branch Tributary 3 (PB75011)	5.9	915	*	1,451	1,603	2,311
Second Puncheon Branch	At confluence with Second Puncheon Branch Tributary 4 (PB75015)	2.9	524	*	881	1,017	1,504

Table 10: Summary of Discharges, continued

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Second Puncheon Branch	At J. Turner Butler Boulevard (PB75045)	1.9	330	*	483	496	778
Second Puncheon Branch	At confluence with Second Puncheon Branch Tributary 5 (PB75053)	1.8	311	*	463	471	744
Second Puncheon Branch	At confluence with Second Puncheon Branch Tributary 6 (PB75055)	1.0	438	*	594	612	792
Second Puncheon Branch	At Beach Boulevard (PB75067)	0.2	96	*	97	99	150
Second Puncheon Branch Tributary 1	At confluence with Second Puncheon Branch (PB77035AP)	0.4	65	*	102	113	147
Second Puncheon Branch Tributary 3	At confluence with Second Puncheon Branch (PB78024)	1.8	285	*	418	460	581
Second Puncheon Branch Tributary 3	At Baymeadows Road (PB78030)	1.8	287	*	418	459	575
Second Puncheon Branch Tributary 3	At Baymeadows Road (PB78060)	0.5	37	*	156	206	421

Table 10: Summary of Discharges, continued

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Second Puncheon Branch Tributary 4	At confluence with Second Puncheon Branch (PB75403APS)	0.3	33	*	54	66	152
Second Puncheon Branch Tributary 5	At confluence with Second Puncheon Branch (PB75110APS)	0.2	44	*	62	72	88
Second Puncheon Branch Tributary 5	At Touchton Road (PB75120AP)	0.3	147	*	215	227	332
Second Puncheon Branch Tributary 5	At Gate Parkway (PB75148AP)	0.3	298	*	383	357	569
Second Puncheon Branch Tributary 6	At confluence with Second Puncheon Branch (PB75205)	0.3	34	*	101	126	260
Sherman Creek	At mouth/Wonderwood Drive (SP10005)	2.2	67	*	176	237	572
Sherman Creek	At Mayport Road (SP10015)	2.2	67	*	176	237	491
Sherman Creek	Upstream of Sherman Creek Canal (SP10096)	1.1	152	*	266	311	812
Sherman Creek	At confluence with Sherman Creek Canal (SP10095)	0.7	38	*	58	64	300

Table 10: Summary of Discharges, continued

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Sherman Creek Canal	At confluence with Puckett Creek (SP21002)	0.7	178	*	295	331	418
Sherman Creek Canal	At Mayport Road (SP21015)	0.6	167	*	281	314	389
Sherman Creek Canal	At confluence with Sherman Creek (SP21080)	0.5	156	*	194	261	742
Silversmith Creek	At mouth (SS30003)	2.2	867	*	1,495	1,874	3,253
Silversmith Creek	At Atlantic Boulevard (SS30005)	2.2	860	*	1,495	1,875	3,259
Silversmith Creek	At Arlington Road (SS30017)	1.3	454	*	1,065	1,360	2,457
Silversmith Creek	At confluence with Silversmith Creek Tributary 1 (SS30025)	1.0	269	*	761	963	1,796
Silversmith Creek Tributary 1	At confluence with Silversmith Creek (SS31005)	0.7	168	*	495	613	1,196
Sixmile Creek	At confluence with Ribault River (RB61006)	17.0	1,828	*	3,035	3,560	4,759
Sixmile Creek	At Interstate-295 (RB61019)	14.8	1,503	*	2,594	3,118	4,320

Table 10: Summary of Discharges, continued

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Sixmile Creek	At confluence with North Fork Sixmile Creek (RB61026)	13.8	1,401	*	2,442	2,927	4,061
Sixmile Creek	At Imeson Road (RB61027)	7.7	864	*	1,447	1,739	2,363
Sixmile Creek	At Bull's Bay Highway (RB61039)	6.1	893	*	2,076	2,590	4,508
Sixmile Creek	At confluence with Sixmile Creek Tributary 6 (RB61047)	5.1	1,104	*	2,116	2,608	4,369
Sixmile Creek	At Jones Road (RB61049)	3.6	947	*	1,862	2,256	3,550
Sixmile Creek Tributary 6	At confluence with Sixmile Creek (RB66005)	1.5	468	*	816	951	1,487
Sixmile Creek Tributary 9	At Pritchard Road (RB62005)	1.0	241	*	379	412	551
St. Mary's River Tributary	At mouth (SM0110)	4.5	157	*	277	319	390
St. Mary's River Tributary	At Interstate-10 (SM0120)	4.5	199	*	279	321	392
Strawberry Creek	At mouth (SW40002)	6.7	1,095	*	1,716	1,837	1,962
Strawberry Creek	At Arlington Road (SW40007)	6.4	1,066	*	1,676	1,837	2,000

Table 10: Summary of Discharges, continued

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Strawberry Creek	At confluence with Strawberry Creek Tributary 1 (SW40015)	3.7	1,168	*	1,884	2,093	2,768
Strawberry Creek	At Arlington Expressway (SW40025)	2.7	726	*	1,095	1,202	1,543
Strawberry Creek	At Mill Creek Road (SW40037)	2.3	483	*	760	856	1,392
Strawberry Creek	At Lone Star Road (SW40050S)	1.7	156	*	314	388	757
Strawberry Creek	At Merrill Road (SW40067)	0.8	215	*	321	342	433
Sweetwater Creek	At confluence with Julington Creek (JU32005)	4.2	414	*	707	841	1,074
Sweetwater Creek	At Florida East Coast Railway (JU32072)	3.7	304	*	419	452	487
Sweetwater Creek	At Phillips Highway (JU32075AP)	3.7	304	*	470	555	823
Tacito Creek	At mouth (TA10002)	0.7	866	*	1,269	1,348	1,874
Thomas Creek	At New Kings Road	49.8	2,630	*	4,710	5,790	8,800
Thomas Creek	At Acree Road	29.9	1,987	*	3,905	4,970	8,138
Tiger Hole Swamp	At J. Turner Butler Boulevard (PC21015)	1.2	662	*	1,362	1,599	2,483

Table 10: Summary of Discharges, continued

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Tiger Pond Creek	At confluence with Mount Pleasant Creek (MP21002)	1.6	766	*	1,447	1,673	2,548
Tiger Pond Creek	0.6 mile upstream McCormick Road/ Mount Pleasant Road (MP21007)	0.5	249	*	400	452	560
Tiger Pond Creek Tributary 1	At confluence with Tiger Pond Creek (MP24070)	0.2	27	*	48	52	66
Tributary to Little Sixmile Creek Tributary 1	At confluence with Little Sixmile Creek Tributary 1 (RB71049)	0.9	220	*	435	538	625
Tributary 1 to Miramar Tributary	At confluence with Miramar Tributary (MR61003)	0.2	70	*	102	109	133
Tributary to Ortega River Tributary 1	At confluence with Ortega River Tributary 1 (OR11101)	0.2	98	*	138	154	258
Trout River	At mouth and New Kings Road (TR40025)	28.9	1,430	*	2,395	3,031	3,873
Trout River	At Old Kings Road (TR40051)	19.2	1,030	*	2,089	2,620	2,919
Trout River	At Norfolk Southern Railway (TR40078)	16.9	971	*	1,981	2,628	4,024

Table 10: Summary of Discharges, continued

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Trout River	At confluence with Trout River Tributary 2 (TR40082)	16.2	957	*	2,007	2,649	3,952
Trout River	At confluence with Trout River Tributary 8, 9 (TR40087)	6.0	816	*	1,456	1,729	2,642
Trout River	At Cisco Gardens Road (TR40130)	2.2	436	*	795	936	1,467
Trout River Tributary 2	At confluence with Trout River (TR42000)	6.4	297	*	819	1,200	1,754
Trout River Tributary 2	At confluence with Trout River Tributary 7 (TR42050)	2.5	769	*	1,296	1,503	2,468
Trout River Tributary 3	At confluence with Trout River (TR43005)	0.6	151	*	303	365	572
Trout River Tributary 7	At confluence with Trout River (TR47005)	0.1	206	*	371	430	655
Trout River Tributary 8	At confluence with Trout River (TR48003)	1.9	445	*	770	933	1,442
West Branch	At mouth (WB10002)	1.6	631	*	1,016	1,143	1,581
West Branch	At Capper Road (WB10008)	1.4	582	*	954	1,072	1,480
West Branch	At Dunn Avenue (WB10019)	0.8	369	*	597	669	888

Table 10: Summary of Discharges, continued

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
West Branch Tributary 1	At confluence with West Branch (WB11010)	0.1	160	*	237	249	328
West Branch Tributary 2	At confluence with West Branch (WB10030)	0.3	131	*	184	198	288
Wetland 2	Approximately 1,050 feet upstream of the confluence with Wetland 3	0.2	*	*	*	352	*
Wetland 3	Approximately 1,330 feet upstream of the confluence with Wetland 2	0.05	*	*	*	104	*
Williamson Creek	At mouth (WL51003)	1.4	623	*	1,037	1,248	2,407
Williamson Creek	At Hugh Edwards Drive (WL51025)	1.0	540	*	774	899	1,902
Williamson Creek	At Wilson Boulevard (WL51039AP)	0.1	36	*	83	96	120
Williamson Creek Tributary 3	At Wilson Boulevard (WL54005)	0.3	454	*	710	797	1,370
Williamson Creek Tributary 4	At confluence with Williamson Creek (WL51034AP)	0.1	208	*	326	357	549

Table 10: Summary of Discharges, continued

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Wills Branch	At confluence with Cedar River (CW40001)	10.4	3,897	*	6,371	7,210	9,887
Wills Branch	At Lane Avenue (CW40003)	10.2	3,858	*	6,331	7,168	9,834
Wills Branch	At confluence with Wills Branch Tributary 1 (CW40006)	10.2	3,876	*	6,376	7,221	9,923
Wills Branch	At Old Middleburg Road (CW40008)	7.0	2,349	*	3,926	4,500	6,229
Wills Branch	At I295 Expressway (CW40015)	6.6	2,310	*	3,909	4,439	6,102
Wills Branch	At confluence with Wills Branch Tributary 3 (CW40037)	6.2	2,261	*	3,853	4,373	6,312
Wills Branch Tributary 1	At confluence with Wills Branch (CW41002)	2.8	1,596	*	2,558	2,948	4,602
Wills Branch Tributary 1	At confluence with Wills Branch Tributary 5 (CW41003)	2.8	1,611	*	2,628	3,042	4,786
Wills Branch Tributary 1	At Old Middleburg Road (CW41008)	2.0	1,422	*	2,278	2,694	4,356
Wills Branch Tributary 1	At Interstate-295 (CW41027)	1.7	1,212	*	1,953	2,316	3,904

Table 10: Summary of Discharges, continued

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Wills Branch Tributary 1	At confluence with Wills Branch Tributary 2 (CW41035)	1.7	1,576	*	2,777	3,124	4,744
Wills Branch Tributary 1	At Old Middleburg Road (CW41047)	0.2	130	*	245	264	346
Wills Branch Tributary 2	At confluence with Wills Branch Tributary 1 (CW42003)	0.4	597	*	976	1,050	1,565
Wills Branch Tributary 3	At confluence with Wills Branch Tributary (CW43002)	4.1	1,211	*	2,180	2,498	3,707
Wills Branch Tributary 3	At confluence with Wills Branch Tributary 4 (CW43033)	3.3	848	*	1,296	1,455	2,110
Wills Branch Tributary 3	At Interstate-10 (CW43068)	0.5	172	*	197	203	291
Wills Branch Tributary 4	At confluence with Wills Branch Tributary 3 (CW44003)	1.8	383	*	570	617	907
Wills Branch Tributary 4	At Normandy Boulevard (CW44008)	1.5	197	*	270	281	505
Wills Branch Tributary 5	At confluence with Wills Branch Tributary 1 (CW45010)	0.5	282	*	366	389	500

Table 10: Summary of Discharges, continued

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Wills Branch Tributary 6	At confluence with Wills Branch Tributary 1 (CW46010)	0.4	352	*	478	521	602
Wills Branch Tributary 6	At Interstate-295 (CW46010)	0.4	352	*	478	521	602
Yellow Water Creek Tributary 1	At mouth (YW0089L)	1.2	130	*	304	388	723

*Not calculated for this Flood Risk Project

[1]Drainage area is less than 0.1 square miles

Figure 7: Frequency Discharge-Drainage Area Curves

[Not Applicable to this Flood Risk Project]

Table 11: Summary of Non-Coastal Stillwater Elevations

Flooding Source	Location	Elevations (feet NAVD88)				
		10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Open Creek Headwaters Ditch Area No. 1	Area centered at approximately 750 feet southwest of the intersection of Westham Road and Arpino Drive	*	*	*	24.0	*
Open Creek Headwaters Ponding Area No. 1	Area centered at approximately 600 feet southwest of the intersection of Westham Road and Dozy Drive	*	*	*	25.0	*
Open Creek Headwaters Ponding Area No. 2	Area centered at approximately 1,070 feet east of the intersection of Patras Drive and Bari Court	*	*	*	25.0	*
Pond 1	Approximately 580 feet southwest of the intersection of Dewhurst Circle and Digby Lane	*	*	*	21.4	*
Pond 2	Approximately 480 feet northeast of the intersection of Weeping Branch Circle and Digby Lane	*	*	*	21.2	*
Pond 3	Approximately 1,470 feet east of the intersection of Sandle Drive and Braddock Road	*	*	*	21.6	*

Table 11: Summary of Non-Coastal Stillwater Elevations, continued

Flooding Source	Location	Elevations (feet NAVD88)				
		10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Pond 4	Approximately 1,600 feet northwest of the intersection of Smithfield Plantation Road and Braddock Road	*	*	*	21.0	*
Pond 5	Approximately 1,620 feet northeast of the intersection of Rolling River Boulevard and Raindrop Road	*	*	*	21.2	*
Pond 6	Approximately 1,320 feet northwest of the intersection of Raindrop Road and Rolling River Road	*	*	*	21.2	*
Pond 7	Approximately 950 feet southwest of the intersection of Longford Street and Glimmer Way	*	*	*	21.8	*
Pond 8	Approximately 1,050 feet southeast of the intersection of Crossfield Drive and Langford Street	*	*	*	21.4	*
Pond 9	Approximately 450 feet northwest of the intersection of Crossfield Drive and Sandle Drive	*	*	*	20.4	*
Pond 10	Approximately 940 feet northeast of the intersection of Crossfield Drive and Sandle Drive	*	*	*	21.1	*

Table 11: Summary of Non-Coastal Stillwater Elevations, continued

Flooding Source	Location	Elevations (feet NAVD88)				
		10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Wetland 1	Approximately 2,900 feet east and 750 feet south of the intersection of New Kings Road and Dinsmore Tower Road	*	*	*	16.4	*
Wetland 4	Approximately 1,000 feet east and 1,200 feet north of the intersection of Sandle Drive and Braddock Road	*	*	*	19.3	*
Wetland 5	Approximately 2,600 feet east and 1,400 feet south of the intersection of Sandle Drive and Braddock Road	*	*	*	19.9	*
Wetland 6	Approximately 300 feet west and 550 feet north of the intersection of Sandle Drive and Braddock Road	*	*	*	19.2	*

*Not calculated for this Flood Risk Project

Table 12: Stream Gage Information used to Determine Discharges
[Not Applicable to this Flood Risk Project]