

**TABLE 6.2 – FLOODWAY DATA FOR PUTNAM COUNTY<sup>1</sup>**

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION IN FEET NVGD			
CROSS SECTION	DISTANCE <sup>2</sup>	WIDTH (FEET)	SECTION AREA (SQ. FT)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
Acosta Creek								
A	150	246	1,045	1.4	6.4	2.1 <sup>3</sup>	2.8	0.7
B	730	153	934	1.6	7.3	7.3	7.7	0.4
C	1,580	263	1,690	0.9	9.2	9.2	10.1	0.9
D	2,795	144	1,256	1.2	15.0	15.0	15.1	0.1
E	4,745	287	2,115	0.7	16.4	16.4	17.4	1.0
F	5,730	104	604	2.4	19.3	19.3	20.2	0.9
G	7,320	193	1,213	1.2	27.1	27.1	28.1	1.0
H	8,560	218	1,049	1.4	29.1	29.1	29.9	0.8
I	9,930	171	884	1.2	33.6	33.6	34.6	1.0
J	11,640	91	432	2.4	39.1	39.1	40.0	0.9
K	13,465	113	489	2.1	47.8	47.8	48.7	0.9
L	15,415	93	563	1.3	56.2	56.2	56.7	0.5
M	16,325	88	415	1.7	57.9	57.9	58.8	0.9

<sup>1</sup> Flood Insurance Study, Putnam County Florida (Unincorporated Areas), Federal Emergency Management Agency (August 16, 1994).

<sup>2</sup> Distance in feet from mouth.

<sup>3</sup> Elevation computed without consideration of backwater effects from St. John's River

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION IN FEET NVGD			
CROSS SECTION	DISTANCE <sup>4</sup>	WIDTH (FEET)	SECTION AREA (SQ. FT)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
Etoniah Creek								
A	885	868	9,138	0.6	21.6	21.6	22.5	0.9
B	3,935	798	7,243	0.7	22.2	22.2	23.2	1.0
C	7,195	715	4,818	1.1	24.3	24.3	25.2	0.9
D	11,125	588	4,206	1.3	27.5	27.5	28.2	0.7
E	13,445	674	4,983	1.1	29.8	29.8	30.8	1.0
F	18,920	873	6,151	0.9	32.9	32.9	33.8	0.9
G	23,620	882	4,985	1.0	35.7	35.7	36.7	1.0
H	26,620	630	4,078	1.3	38.3	38.3	39.2	0.9
I	30,130	477	3,753	1.4	41.5	41.5	42.1	0.6
J	33,170	508	4,408	1.2	43.5	43.5	44.3	0.8
K	35,602	611	5,207	1.0	44.6	44.6	45.5	0.9
L	38,182	559	4,126	1.2	46.4	46.4	47.4	1.0
M	41,207	439	3,115	1.3	50.5	50.5	51.1	0.6
N	43,717	309	2,925	1.4	54.0	54.0	54.9	0.9
O	46,717	318	2,701	1.5	58.3	58.3	59.2	0.9

<sup>4</sup> Distance in feet from Bardin Road

(Etoniah Creek Continued)

CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY  FEET	WITH FLOODWAY  NGVD	INCREASE
P	49,937	238	2,214	1.8	64.4	64.4	65.4	1.0
Q	51,332	115	1,028	3.7	67.6	67.6	68.2	0.6
R	55,567	178	1,980	1.9	74.6	74.6	75.4	0.8
S	58,137	159	2,155	1.7	76.7	76.7	77.4	0.7
T	61,747	291	2,942	1.2	78.7	78.7	79.5	0.8
U	65,927	264	1,891	1.9	81.2	81.2	82.1	0.9

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION IN FEET NVGD			
CROSS SECTION	DISTANCE <sup>5</sup>	WIDTH (FEET)	SECTION AREA (SQ. FT)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH NAVIGATION	INCREASE
Falling Branch								
A	2,070	56	505	3.1	70.3	70.3	71.3	1.0
B	2,994	115	1,114	1.4	71.6	71.6	72.5	0.9
C	3,723	121	1,028	1.4	72.1	72.1	73.1	1.0
D	5,663	139	923	1.6	74.1	74.1	75.1	1.0
E	7,713	218	1,705	0.9	75.8	75.8	76.8	1.0
F	9,491	251	806	1.8	78.8	78.8	79.7	0.9
G	13,067	46	181	1.6	84.3	84.3	85.3	1.0
H	15,388	28	107	1.8	101.0	101.0	101.5	0.5

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<sup>5</sup>Distance in feet from Etoniah Creek

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION IN FEET NVGD			
CROSS SECTION	DISTANCE <sup>6</sup>	WIDTH (FEET)	SECTION AREA (SQ. FT)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH NAVIGATION	INCREASE
Simms Creek								
A	15,750	773	7,858	0.8	21.1	21.1	22.1	1.0
B	19,170	575	5,042	1.3	23.3	23.3	24.3	1.0
C	20,955	613	5,543	1.2	25.3	25.3	26.3	1.0
D	23,915	824	7,125	0.9	27.1	27.1	28.1	1.0
E	27,205	668	5,485	1.2	29.2	29.2	30.2	1.0
F	30,165	553	5,072	1.3	32.2	32.2	33.2	1.0
G	32,485	745	5,625	0.8	34.5	34.5	35.5	1.0
H	34,225	670	4,129	0.8	36.0	36.0	37.0	1.0
I	37,425	328	2,108	1.2	42.5	42.5	43.5	1.0
J	40,715	414	2,418	1.0	47.9	47.9	48.9	1.0
K	42,965	332	1,896	1.3	52.9	52.9	53.9	1.0
L	44,995	263	1,617	1.5	58.2	58.2	59.2	1.0
M	46,745	280	1,660	1.5	63.3	63.3	64.3	1.0

<sup>6</sup>Distance in feet from mouth

(Simms Creek Continued)

CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQ. FT)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH NAVIGATION	INCREASE
N	48,545	193	1,259	2.0	67.4	67.4	68.3	0.9
O	50,970	246	1,671	1.2	72.5	72.5	73.5	1.0
P	53,300	188	1,184	1.7	77.4	77.4	78.4	1.0
Q	55,280	241	1,575	1.3	81.5	81.5	82.5	1.0
R	58,110	230	1,427	1.4	87.2	87.2	88.2	1.0

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION IN FEET NVGD			
CROSS SECTION	DISTANCE <sup>7</sup>	WIDTH (FEET)	SECTION AREA (SQ. FT)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH NAVIGATION	INCREASE
Tributary 1-A to Simms Creek								
A	1,885	306	1,481	1.7	32.6	32.6	33.6	1.0
B	4,665	189	1,073	2.4	40.2	40.2	41.2	1.0
C	7,321	339	2,914	0.7	51.5	51.5	52.5	1.0
D	9,447	248	1,152	1.9	53.0	53.0	54.0	1.0
E	11,887	188	741	2.9	5905	5905	60.2	0.7
F	13,263	162	1,095	1.8	66.6	66.6	67.1	0.5
G	14,135	160	1,115	1.8	68.3	68.3	69.3	1.0
H	15,813	145	1,332	1.5	75.0	75.0	75.9	0.9
I	17,363	144	966	1.2	77.5	77.5	78.5	1.0
J	19,976	164	673	1.8	84.5	84.5	85.5	1.0
K	22,327	169	648	1.4	94.6	94.6	95.3	0.7
L	23,302	301	818	1.1	96.9	96.9	97.2	0.3
M	24,802	419	760	1.2	101.0	101.0	102.0	1.0
N	26,402	330	992	0.9	103.7	103.7	104.6	0.9
Tributary 1-A to Simms Creek								
A	1,390	121	619	1.4	78.3	78.3	79.3	1.0
B	4,665	516	1,526	0.5	89.6	89.6	90.6	1.0
C	6,190	248	770	0.9	90.7	90.7	91.7	1.0
D	8,070	148	298	1.0	99.7	99.7	100.7	1.0

<sup>7</sup>Distance from Mouth

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION IN FEET NVGD			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQ. FT)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH NAVIGATION	INCREASE
Tributary 2 to Simms Creek								
A	4,878	219	1,217	1.4	49.1	49.1	50.0	0.9
B	6,588	174	891	2.0	53.8	53.8	54.8	1.0
C	10,650	174	826	1.6	67.1	67.1	67.9	0.8
D	12,675	179	747	1.7	73.1	73.1	74.1	1.0
E	15,825	152	743	1.7	84.5	84.5	85.5	1.0
F	17,929	163	823	1.1	94.1	94.1	95.1	1.0
G	20,679	214	975	1.0	97.6	97.6	98.6	1.0
H	23,029	224	858	1.1	100.8	100.8	101.7	0.9
I	25,317	350	1,254	0.6	104.5	104.5	105.5	1.0
J	26,317	438	1,529	0.5	104.8	104.8	105.8	1.0

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION IN FEET NVGD			
CROSS SECTION	DISTANCE <sup>8</sup>	WIDTH (FEET)	SECTION AREA (SQ. FT)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY <sup>9</sup>	WITH NAVIGATION	INCREASE
Dunns Creek								
A	5,592	420	5,653	2.9	6.3	1.5	2.5	1.0
B	11,032	396	6,198	2.7	6.3	2.3	3.1	0.8
C	16,357	325	5,510	3.0	6.3	2.9	3.7	0.8
D	21,847	291	5,155	3.2	6.3	3.6	4.3	0.7
E	24,667	328	6,398	2.6	6.3	4.0	4.7	0.7
F	29,442	349	6,577	2.5	6.3	4.3	5.0	0.7

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<sup>8</sup>Distance in feet from mouth

<sup>9</sup>Elevation computed without consideration of backwater effects from St. Johns River