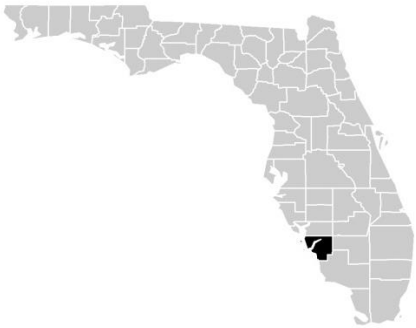
FLOOD INSURANCE STUDY

FEDERAL EMERGENCY MANAGEMENT AGENCY

VOLUME 2 OF 15



LEE COUNTY, FLORIDA

AND INCORPORATED AREAS

COMMUNITY NAME	COMMUNITY NUMBER
BONITA SPRINGS, CITY OF	120680
CAPE CORAL, CITY OF	125095
ESTERO, VILLAGE OF	120260
FORT MYERS, CITY OF	125106
FORT MYERS BEACH, TOWN OF	120673
LEE COUNTY, UNINCORPORATED AREAS	125124
SANIBEL, CITY OF	120402

FEMA

REVISED PRELIMINARY 12/04/2025

REVISED:

TBD

FLOOD INSURANCE STUDY NUMBER
12071CV002D

Version Number 2.8.5.0

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Transect 254	533-534 T
Transect 255	535-537 T
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Transect 257	540-541 T
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Transect 259	544-545 T
Transect 260	546-548 T
Transect 261	549-551 T
Transect 262	552-553 T
Transect 263	554-556 T
Transect 264	557-558 T
Transect 265	559-561 T
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Transect 267	564-565 T
Transect 268	566-567 T
Transect 269	568-570 T
Transect 270	571-572 T
Transect 271	573-575 T
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Transect 339	710 T
Transect 340	711-713 T
Transect 341	714-715 T
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Transect 344	722-724 T
Transect 345	725-727 T
Transect 346	728-729 T
Transect 347	730 T
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Transect 363	763-764 T
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Transect 365	767-768 T
Transect 366	769-770 T
Transect 367	771-772 T
Transect 368	773-775 T
Transect 369	776-778 T
Transect 370	779-781 T
Transect 371	782-784 T
Transect 372	785-786 T
Transect 373	787 T
Transect 374	788-789 T
Transect 375	790-791 T
Transect 376	792-793 T
Transect 377	794-795 T
Transect 378	796-797 T
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Transect 380	800-801 T
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Published Separately

Flood Insurance Rate Map (FIRM)

Table 16: Coastal Transect Parameters

Flood Source	Coastal Transect	Starting Wave Conditions for the 1% Annual Chance		Starting Stillwater Elevations (ft NAVD88) Range of Stillwater Elevations (ft NAVD88)				
		Significant Wave Height H_s (ft)	Peak Wave Period T_p (sec)	10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Gulf of America	1	9.1	11.8	3.6 3.2-3.6	5.4 4.7-5.4	6.8 5.7-6.8	8.2 6.7-8.3	11.4 9.0-11.4
Gulf of America	2	9.4	11.9	3.6 3.2-3.6	5.3 4.6-5.3	6.7 5.6-6.7	8.1 6.6-8.2	11.3 8.8-11.3
Gulf of America	3	9.5	12.8	3.5 3.1-3.5	5.2 4.5-5.2	6.6 5.5-6.6	8.0 6.4-8.0	11.1 8.6-11.1
Gulf of America	4	9.3	12.5	3.5 3.1-3.5	5.2 4.4-5.2	6.5 5.4-6.5	7.9 6.3-7.9	11.0 8.4-11.0
Gulf of America	5	9.3	13.2	3.5 3.0-3.5	5.2 4.4-5.2	6.5 5.3-6.5	7.9 6.2-7.9	11.0 8.2-11.0
Gulf of America	6	9.5	13.1	3.4 3.0-3.4	5.0 4.4-5.0	6.4 5.3-6.4	7.7 6.2-7.8	10.8 8.2-10.8
Gulf of America	7	9.0	13.3	3.4 3.0-3.4	5.0 4.3-5.0	6.3 5.2-6.3	7.7 6.1-7.7	10.7 8.0-10.7
Gulf of America	8	8.8	13.4	3.3 3.0-3.4	4.9 4.3-5.0	6.2 5.2-6.5	7.5 6.1-7.9	10.5 8.0-11.0

Table 16: Coastal Transect Parameters (continued)

Flood Source	Coastal Transect	Starting Wave Conditions for the 1% Annual Chance		Starting Stillwater Elevations (ft NAVD88) Range of Stillwater Elevations (ft NAVD88)				
		Significant Wave Height H_s (ft)	Peak Wave Period T_p (sec)	10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Gulf of America	9	8.5	13.4	3.3 2.9-3.3	4.9 4.2-5.0	6.2 5.0-6.3	7.5 5.9-7.6	10.5 7.8-10.6
Gulf of America	10	7.9	13.5	3.3 2.9-3.3	4.9 4.1-4.9	6.1 5.0-6.3	7.4 5.8-7.6	10.4 7.7-10.6
Gulf of America	11	6.9	13.5	3.2 2.8-3.3	4.8 4.1-4.8	6.0 4.9-6.1	7.2 5.8-7.3	10.2 7.7-10.3
Gulf of America	12	6.8	12.8	2.9 2.8-2.9	4.1 4.0-4.1	5.0 4.9-5.0	5.9 5.7-5.9	8.0 7.6-8.0
Gulf of America	13	4.9	11.7	3.1 2.8-3.1	4.4 4.1-4.4	5.4 4.9-5.4	6.4 5.8-6.4	8.7 8.7-8.7
Gulf of America	14	5.2	12.4	3.2 2.8-3.6	4.7 4.1-5.8	5.8 4.9-7.0	6.9 5.7-8.2	9.5 7.6-10.7
Gulf of America	15	5.8	12.9	3.7 2.8-4.0	5.3 4.1-5.7	6.6 4.9-7.0	7.8 5.7-8.3	10.5 7.6-11.1
Gulf of America	16	7.6	10.6	3.6 2.9-3.6	5.3 4.2-5.4	6.6 5.0-6.9	7.9 5.9-8.3	10.9 7.8-11.4

Table 16: Coastal Transect Parameters (continued)

Flood Source	Coastal Transect	Starting Wave Conditions for the 1% Annual Chance		Starting Stillwater Elevations (ft NAVD88) Range of Stillwater Elevations (ft NAVD88)				
		Significant Wave Height H_s (ft)	Peak Wave Period T_p (sec)	10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Gulf of America	17	8.0	10.9	3.6 2.9-3.6	5.3 4.1-5.3	6.6 5.0-6.7	7.9 5.8-8.0	11.0 7.7-11.2
Gulf of America	18	7.0	10.9	3.6 3.0-3.6	5.3 4.2-5.3	6.6 5.1-6.6	7.9 5.9-7.9	10.9 7.9-10.9
Gulf of America	19	9.0	10.9	3.6 3.0-3.6	5.2 4.3-5.2	6.5 5.2-6.5	7.8 6.0-7.9	10.8 8.0-10.8
Gulf of America	20	7.6	12.4	3.6 3.0-3.6	5.2 4.3-5.2	6.5 5.2-6.5	7.8 6.1-7.8	10.7 8.1-10.7
Gulf of America	21	6.0	13.1	3.2 3.1-3.2	4.5 4.4-4.5	5.5 5.3-5.5	6.5 6.2-6.5	8.7 8.3-8.7
Gulf of America	22	5.9	11.4	3.4 3.1-3.4	4.9 4.4-4.9	6.0 5.3-6.0	7.2 6.2-7.2	9.8 8.2-9.9
Gulf of America	23	6.2	11.1	3.4 3.1-3.4	5.0 4.4-5.1	6.2 5.3-6.5	7.5 6.2-8.0	10.3 8.2-10.9
Gulf of America	24	6.6	10.8	3.5 3.1-3.5	5.3 4.3-5.5	6.6 5.2-6.9	8.0 6.1-8.3	11.0 8.2-11.3

Table 16: Coastal Transect Parameters (continued)

Flood Source	Coastal Transect	Starting Wave Conditions for the 1% Annual Chance		Starting Stillwater Elevations (ft NAVD88) Range of Stillwater Elevations (ft NAVD88)				
		Significant Wave Height H_s (ft)	Peak Wave Period T_p (sec)	10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Gulf of America	25	7.9	11.4	3.6 3.1-3.6	5.2 4.3-5.3	6.5 5.2-6.5	7.7 6.0-7.7	10.5 8.0-10.5
Gulf of America	26	6.7	11.7	3.6 3.0-3.6	5.2 4.3-5.2	6.4 5.2-6.4	7.7 6.0-7.7	10.5 8.0-10.5
Gulf of America	27	7.4	12.1	3.1 3.0-3.2	4.4 4.2-4.4	5.4 4.9-5.4	6.3 5.8-6.3	8.4 7.8-8.4
Gulf of America	28	8.5	11.2	3.6 3.0-3.6	5.3 4.3-5.3	6.5 5.1-6.5	7.8 6.0-7.8	10.6 8.0-10.6
Gulf of America	29	9.0	11.6	3.6 3.0-3.6	5.1 4.3-5.1	6.3 5.2-6.3	7.7 6.0-7.7	10.6 8.0-10.6
Gulf of America	30	9.4	11.7	3.6 3.0-3.6	5.2 4.3-5.2	6.4 5.2-6.4	7.6 6.0-7.6	10.5 7.9-10.5
Gulf of America	31	9.5	11.8	3.5 3.0-3.5	5.1 4.3-5.1	6.3 5.2-6.3	7.5 6.0-7.6	10.4 8.0-10.4
Gulf of America	32	9.5	12.3	3.5 3.0-3.5	5.1 4.3-5.1	6.3 5.2-6.3	7.5 6.0-7.5	10.3 8.0-10.4

Table 16: Coastal Transect Parameters (continued)

Flood Source	Coastal Transect	Starting Wave Conditions for the 1% Annual Chance		Starting Stillwater Elevations (ft NAVD88) Range of Stillwater Elevations (ft NAVD88)				
		Significant Wave Height H_s (ft)	Peak Wave Period T_p (sec)	10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Gulf of America	33	9.5	12.2	3.5 3.0-3.6	5.1 4.3-5.1	6.3 5.2-6.3	7.5 6.0-7.5	10.2 8.0-10.2
Gulf of America	34	9.2	12.2	3.5 3.0-3.5	5.1 4.3-5.1	6.3 5.2-6.3	7.4 6.0-7.5	10.2 8.0-10.4
Gulf of America	35	9.3	12.1	3.6 3.0-3.6	5.2 4.3-5.2	6.3 5.2-6.4	7.5 6.1-7.6	10.4 8.1-10.4
Gulf of America	36	9.3	12.2	3.6 3.0-3.6	5.2 4.3-5.2	6.4 5.2-6.4	7.5 6.1-7.6	10.3 8.2-10.3
Gulf of America	37	9.2	12.1	3.6 3.0-3.6	5.2 4.3-5.2	6.4 5.2-6.4	7.6 6.1-7.6	10.4 8.1-10.4
Gulf of America	38	7.2	11.8	3.6 3.0-3.6	5.1 4.3-5.1	6.3 5.2-6.3	7.4 6.2-7.4	9.9 8.2-9.9
Gulf of America	39	7.1	11.6	3.7 3.1-3.7	5.3 4.3-5.3	6.6 5.3-6.6	7.8 6.2-7.8	10.6 8.2-10.6
Gulf of America	40	8.4	11.3	3.7 3.1-3.7	5.4 4.4-5.4	6.6 5.3-6.6	7.9 6.2-7.9	10.7 8.2-11.0

Table 16: Coastal Transect Parameters (continued)

Flood Source	Coastal Transect	Starting Wave Conditions for the 1% Annual Chance		Starting Stillwater Elevations (ft NAVD88) Range of Stillwater Elevations (ft NAVD88)				
		Significant Wave Height H_s (ft)	Peak Wave Period T_p (sec)	10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Gulf of America	41	8.7	11.9	3.7 3.1-3.8	5.4 4.4-5.5	6.6 5.3-6.7	7.9 6.2-8.0	10.8 8.3-11.2
Gulf of America	42	8.3	11.8	3.9 2.9-3.9	5.6 4.1-5.7	6.9 5.0-6.9	8.1 6.0-8.2	11.2 8.2-11.4
Gulf of America	43	8.0	11.7	4.0 2.8-4.0	5.7 4.1-5.8	7.1 5.0-7.1	8.3 6.0-8.4	11.5 8.2-11.6
Gulf of America	44	8.1	12.0	3.9 3.0-3.9	5.7 4.1-5.8	7.1 5.1-7.3	8.4 6.1-8.7	11.6 8.4-12.0
Gulf of America	45	8.3	11.9	3.9 3.2-4.0	5.7 4.3-6.0	7.1 5.3-7.5	8.4 6.3-8.9	11.6 8.5-12.2
Gulf of America	46	8.1	11.8	4.0 3.2-4.0	5.8 4.4-5.8	7.1 5.3-7.2	8.5 6.3-8.6	11.7 8.6-11.9
Gulf of America	47	8.2	11.1	4.1 3.2-4.1	5.9 4.3-5.9	7.2 5.3-7.2	8.5 6.2-8.6	11.8 8.5-11.8
Gulf of America	48	7.9	11.4	4.0 3.1-4.0	5.8 4.3-5.9	7.2 5.2-7.2	8.5 6.2-8.5	11.7 8.6-11.7

Table 16: Coastal Transect Parameters (continued)

Flood Source	Coastal Transect	Starting Wave Conditions for the 1% Annual Chance		Starting Stillwater Elevations (ft NAVD88) Range of Stillwater Elevations (ft NAVD88)				
		Significant Wave Height H_s (ft)	Peak Wave Period T_p (sec)	10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Gulf of America	49	7.6	10.8	4.1 3.0-4.1	5.9 4.3-5.9	7.3 5.2-7.4	8.7 6.2-8.7	12.0 8.7-12.0
Gulf of America	50	8.0	10.7	4.1 3.0-4.1	5.9 4.2-6.1	7.4 5.2-7.7	8.7 6.3-9.2	12.1 8.8-12.7
Gulf of America	51	7.6	10.8	4.1 3.0-4.2	6.0 4.3-6.1	7.5 5.3-7.6	8.9 6.4-9.0	12.3 8.9-12.4
Gulf of America	52	7.4	11.5	4.2 3.1-4.2	6.1 4.4-6.1	7.6 5.4-7.7	9.0 6.5-9.1	12.5 9.0-12.7
Gulf of America	53	7.2	11.3	4.2 3.2-4.2	6.2 4.5-6.2	7.7 5.5-7.7	9.1 6.6-9.1	12.6 9.1-12.7
Gulf of America	54	7.2	11.4	4.3 3.3-4.3	6.2 4.7-6.2	7.7 5.7-7.7	9.1 6.8-9.2	12.7 9.1-12.8
Gulf of America	55	7.4	11.4	4.3 3.3-4.3	6.2 4.7-6.3	7.7 5.7-7.8	9.2 6.8-9.2	12.8 9.1-12.9
Gulf of America	56	7.8	10.6	4.3 3.3-4.3	6.3 4.7-6.3	7.8 5.7-7.8	9.2 6.8-9.3	12.9 9.2-13.0

Table 16: Coastal Transect Parameters (continued)

Flood Source	Coastal Transect	Starting Wave Conditions for the 1% Annual Chance		Starting Stillwater Elevations (ft NAVD88) Range of Stillwater Elevations (ft NAVD88)				
		Significant Wave Height H_s (ft)	Peak Wave Period T_p (sec)	10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Gulf of America	57	7.7	9.8	4.4 3.4-4.4	6.4 4.7-6.5	7.9 5.8-8.0	9.4 6.8-9.5	13.2 9.2-13.3
Gulf of America	58	8.0	9.3	4.4 3.4-4.4	6.4 4.8-6.6	8.0 5.8-8.2	9.5 6.8-9.7	13.3 9.2-13.5
Gulf of America	59	8.0	9.4	4.4 3.4-4.4	6.5 4.8-6.6	8.1 5.8-8.2	9.6 6.8-9.8	13.5 9.3-13.6
Gulf of America	60	8.2	8.4	4.5 3.3-4.5	6.6 4.8-6.7	8.3 5.9-8.3	9.8 6.9-9.9	13.7 9.3-13.8
Gulf of America	61	7.9	8.1	4.5 3.4-4.5	6.7 4.8-6.8	8.3 5.9-8.5	9.9 7.0-10.1	13.8 9.4-14.0
Gulf of America	62	7.7	8.0	4.5 3.8-4.6	6.7 5.1-7.0	8.4 6.3-8.7	10.0 7.5-10.3	14.0 10.4-14.2
Gulf of America	63	7.4	8.1	4.6 3.8-4.7	6.8 5.6-7.0	8.5 6.9-8.7	10.1 8.2-10.2	14.1 11.1-14.1
Gulf of America	64	7.2	8.4	4.6 3.9-4.7	6.8 5.7-7.0	8.5 7.1-8.7	10.1 8.4-10.3	14.1 11.4-14.2

Table 16: Coastal Transect Parameters (continued)

Flood Source	Coastal Transect	Starting Wave Conditions for the 1% Annual Chance		Starting Stillwater Elevations (ft NAVD88) Range of Stillwater Elevations (ft NAVD88)				
		Significant Wave Height H_s (ft)	Peak Wave Period T_p (sec)	10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Gulf of America	65	6.1	9.3	4.5 4.0-4.6	6.7 5.8-6.8	8.4 7.2-8.5	9.9 8.5-10.0	13.8 11.6-13.8
Gulf of America	66	5.8	9.8	4.3 4.0-4.3	6.4 5.8-6.4	8.0 7.2-8.0	9.5 8.5-9.5	13.2 11.6-13.2
San Carlos Bay	67	4.7	3.5	4.0 4.0-4.3	5.8 5.8-6.4	7.2 7.2-8.0	8.6 8.6-9.5	11.7 11.7-13.1
San Carlos Bay	68	3.9	3.2	4.0 4.0-4.7	5.8 5.8-7.0	7.2 7.2-8.7	8.5 8.5-10.2	11.6 11.6-14.0
San Carlos Bay	69	3.5	2.7	4.0 4.0-4.7	5.8 5.8-6.8	7.2 7.2-8.4	8.5 8.5-9.8	11.5 11.5-13.0
San Carlos Bay	70	2.7	2.7	4.0 4.0-4.6	5.7 5.7-6.9	7.1 7.1-8.7	8.4 8.4-10.3	11.3 1.3-14.2
San Carlos Bay	71	2.7	3.0	3.9 3.8-4.0	5.6 5.4-6.3	6.9 6.7-7.7	8.1 8.0-9.2	11.0 11.0-13.0
San Carlos Bay	72	3.3	3.3	3.6 3.4-3.6	5.1 4.9-5.1	6.3 6.1-6.3	7.4 7.3-7.5	10.1 10.1-10.4

Table 16: Coastal Transect Parameters (continued)

Flood Source	Coastal Transect	Starting Wave Conditions for the 1% Annual Chance		Starting Stillwater Elevations (ft NAVD88) Range of Stillwater Elevations (ft NAVD88)				
		Significant Wave Height H_s (ft)	Peak Wave Period T_p (sec)	10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
San Carlos Bay	73	3.3	3.0	3.6 3.4-3.6	5.1 4.9-5.1	6.1 6.1-6.2	7.2 7.2-7.4	9.8 9.8-10.1
San Carlos Bay	74	2.8	3.2	3.6 3.4-3.6	5.1 4.9-5.1	6.1 5.9-6.1	7.2 7.0-7.2	9.8 9.6-9.8
San Carlos Bay	75	3.5	3.4	3.5 3.4-3.6	5.0 4.9-5.0	6.1 5.9-6.1	7.2 7.0-7.2	9.7 9.5-9.8
San Carlos Bay	76	4.0	3.6	3.4 3.4-3.5	4.9 4.9-4.9	5.9 5.9-6.0	7.0 7.0-7.0	9.5 9.5-9.5
San Carlos Bay	77	3.4	3.6	3.4 3.3-3.9	4.8 4.8-5.9	5.8 5.8-7.4	6.9 6.9-9.0	9.2 9.2-12.9
San Carlos Bay	78	3.5	3.4	3.3 3.3-4.5	4.7 4.7-6.6	5.8 5.8-8.3	6.8 6.8-9.8	9.2 9.2-13.7
San Carlos Bay	79	2.3	2.6	3.4 3.0-3.4	4.7 4.3-4.7	5.7 5.3-5.7	6.8 6.4-6.8	9.1 9.0-9.1
San Carlos Bay	80	2.6	3.1	3.3 3.1-4.2	4.7 4.4-6.1	5.7 5.3-7.6	6.7 6.5-9.1	9.0 9.0-12.6

Table 16: Coastal Transect Parameters (continued)

Flood Source	Coastal Transect	Starting Wave Conditions for the 1% Annual Chance		Starting Stillwater Elevations (ft NAVD88) Range of Stillwater Elevations (ft NAVD88)				
		Significant Wave Height H_s (ft)	Peak Wave Period T_p (sec)	10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Pine Island Sound	81	3.1	3.3	3.2 3.2-3.9	4.6 4.3-5.9	5.5 5.3-7.3	6.5 6.3-8.7	8.7 8.5-12.1
Pine Island Sound	82	2.9	3.0	3.1 3.1-3.5	4.4 4.3-4.7	5.3 5.3-5.5	6.3 6.2-6.6	8.4 8.4-9.4
Pine Island Sound	83	2.2	2.6	3.1 3.0-3.3	4.4 4.3-5.2	5.3 5.2-6.3	6.2 6.1-7.7	8.2 8.2-10.4
Pine Island Sound	84	2.5	2.6	3.0 3.0-3.1	4.3 4.3-4.4	5.2 5.2-5.3	6.1 6.0-7.6	8.0 8.0-10.5
Pine Island Sound	85	2.7	2.7	3.0 3.0-3.4	4.3 4.3-4.5	5.2 5.2-5.3	6.0 6.0-7.5	8.0 8.0-10.3
Pine Island Sound	86	3.1	2.8	3.0 3.0-3.0	4.3 4.3-4.8	5.2 5.2-6.1	6.0 6.0-7.2	8.0 8.0-10.2
Pine Island Sound	87	3.1	9.6	3.1 3.1-3.7	4.4 4.4-5.3	5.3 5.3-6.5	6.1 6.1-7.8	8.2 8.2-10.6
Pine Island Sound	88	4.0	11.9	3.1 3.1-3.1	4.4 4.4-4.5	5.4 5.3-5.4	6.3 6.2-6.3	8.4 8.3-8.4

Table 16: Coastal Transect Parameters (continued)

Flood Source	Coastal Transect	Starting Wave Conditions for the 1% Annual Chance		Starting Stillwater Elevations (ft NAVD88) Range of Stillwater Elevations (ft NAVD88)				
		Significant Wave Height H_s (ft)	Peak Wave Period T_p (sec)	10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Pine Island Sound	89	2.3	3.5	3.0 3.0-3.6	4.3 4.3-5.2	5.2 5.2-6.5	6.0 6.0-7.8	8.0 8.0-10.8
Pine Island Sound	90	3.5	3.5	3.0 2.9-3.0	4.4 4.2-4.4	5.3 5.1-5.3	6.3 6.0-6.3	8.4 8.0-8.4
Pine Island Sound	91	3.5	3.4	2.9 2.9-2.9	4.2 4.2-4.3	5.1 5.1-5.2	6.0 6.0-6.1	8.1 8.1-8.1
Pine Island Sound	92	2.7	3.4	2.9 2.9-3.0	4.1 4.1-4.3	5.0 5.0-5.2	5.9 5.9-6.1	7.9 7.9-8.2
Charlotte Harbor	93	3.2	2.9	2.8 2.8-3.2	4.1 4.1-4.7	4.9 4.9-5.8	5.8 5.8-6.9	7.7 7.7-9.5
Charlotte Harbor	94	4.7	3.8	2.8 2.8-2.8	4.1 4.1-4.8	4.9 4.9-6.0	5.8 5.8-7.3	7.6 7.6-10.1
Charlotte Harbor	95	3.9	4.0	3.0 3.0-3.0	4.3 4.3-5.0	5.2 5.2-6.2	6.1 6.1-7.7	8.0 8.0-10.7
Charlotte Harbor	96	4.0	3.9	3.1 3.1-3.1	4.4 4.4-4.5	5.4 5.4-5.5	6.3 6.3-6.5	8.4 8.4-8.5

Table 16: Coastal Transect Parameters (continued)

Flood Source	Coastal Transect	Starting Wave Conditions for the 1% Annual Chance		Starting Stillwater Elevations (ft NAVD88) Range of Stillwater Elevations (ft NAVD88)				
		Significant Wave Height H_s (ft)	Peak Wave Period T_p (sec)	10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Gasparilla Sound	97	2.9	2.7	3.1 3.1-3.5	4.5 4.5-5.1	5.4 5.4-6.5	6.4 6.3-7.9	8.5 8.5-11.0
Gasparilla Sound	98	3.5	3.2	3.2 3.2-3.3	4.6 4.6-5.3	5.7 5.7-6.8	6.7 6.7-8.2	8.9 8.9-11.4
Charlotte Harbor	99	4.1	5.0	3.4 3.4-3.5	5.1 5.1-5.3	6.4 6.4-6.6	7.7 7.7-8.0	10.4 10.4-11.0
Charlotte Harbor	100	4.0	5.1	3.3 3.3-3.4	5.1 5.1-5.2	6.4 6.4-6.5	7.6 7.6-7.9	10.3 10.3-10.9
Charlotte Harbor	101	4.0	5.0	3.3 3.3-3.4	5.0 5.0-5.2	6.3 6.3-6.6	7.5 7.5-8.0	10.2 10.2-10.9
Charlotte Harbor	102	4.0	5.0	3.3 3.3-3.4	5.0 5.0-5.2	6.3 6.3-6.6	7.5 7.5-8.0	10.1 10.1-10.9
Charlotte Harbor	103	3.9	4.9	3.2 3.2-3.3	5.0 4.8-5.1	6.2 6.2-6.5	7.4 7.4-7.9	10.1 10.1-10.6
Charlotte Harbor	104	4.0	4.9	3.2 3.0-3.3	4.9 4.6-5.2	6.2 6.0-6.3	7.4 7.2-7.6	10.0 9.7-10.4

Table 16: Coastal Transect Parameters (continued)

Flood Source	Coastal Transect	Starting Wave Conditions for the 1% Annual Chance		Starting Stillwater Elevations (ft NAVD88) Range of Stillwater Elevations (ft NAVD88)				
		Significant Wave Height H_s (ft)	Peak Wave Period T_p (sec)	10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Charlotte Harbor	105	3.9	4.9	3.2 2.9-3.3	4.9 4.6-5.1	6.1 6.0-6.3	7.3 7.0-7.5	9.9 9.7-10.3
Charlotte Harbor	106	3.8	4.8	3.2 2.9-3.2	4.8 4.6-5.0	6.0 5.9-6.1	7.2 7.0-7.4	9.8 9.7-10.3
Charlotte Harbor	107	3.8	4.6	3.2 2.9-3.2	4.8 4.6-4.9	6.0 5.9-6.0	7.2 7.0-7.4	9.7 9.6-10.3
Matlacha Pass	108	3.7	4.5	3.1 2.8-3.2	4.8 4.5-4.8	6.0 5.8-6.0	7.2 7.1-7.3	9.6 9.6-10.2
Matlacha Pass	109	3.8	4.4	3.1 2.8-3.2	4.8 4.5-4.8	6.0 5.8-6.0	7.1 7.1-7.3	9.6 9.6-10.2
Matlacha Pass	110	3.8	4.3	3.1 2.8-3.1	4.8 4.5-5.4	6.0 5.8-6.1	7.1 7.0-7.3	9.6 9.6-10.2
Matlacha Pass	111	3.7	4.2	3.1 2.8-3.1	4.7 4.5-4.7	5.9 5.7-5.9	7.1 7.0-7.3	9.5 9.5-10.1
Matlacha Pass	112	3.4	3.8	3.1 2.8-3.1	4.7 4.4-5.2	5.9 5.7-6.1	7.0 6.9-7.3	9.4 9.4-10.2

Table 16: Coastal Transect Parameters (continued)

Flood Source	Coastal Transect	Starting Wave Conditions for the 1% Annual Chance		Starting Stillwater Elevations (ft NAVD88) Range of Stillwater Elevations (ft NAVD88)				
		Significant Wave Height H_s (ft)	Peak Wave Period T_p (sec)	10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Matlacha Pass	113	3.3	3.7	3.1 2.7-3.1	4.7 4.4-5.3	5.8 5.6-6.1	7.0 6.9-7.3	9.4 9.4-10.2
Matlacha Pass	114	3.3	3.5	3.1 2.8-3.1	4.7 4.4-5.4	5.8 5.6-6.0	7.0 6.8-7.3	9.3 9.3-10.2
Matlacha Pass	115	3.1	3.4	3.1 2.8-3.1	4.7 4.4-5.4	5.9 5.6-6.0	7.0 6.9-7.2	9.3 9.3-10.1
Matlacha Pass	116	3.0	3.2	3.1 2.8-3.2	4.7 4.4-4.7	5.8 5.6-5.9	6.9 6.8-7.0	9.2 9.2-9.6
Matlacha Pass	117	3.0	3.2	3.1 2.8-3.2	4.7 4.4-4.8	5.8 5.6-5.9	7.0 6.8-7.1	9.3 9.3-9.7
Matlacha Pass	118	3.1	3.1	3.2 2.9-3.2	4.7 4.5-4.8	5.9 5.6-5.9	7.0 6.9-7.2	9.3 9.3-10.1
Matlacha Pass	119	2.8	3.1	3.2 2.9-3.2	4.7 4.5-5.0	5.9 5.6-5.9	7.0 6.9-7.2	9.3 9.3-10.1
Matlacha Pass	120	2.9	3.0	3.2 2.9-3.2	4.8 4.5-5.2	5.9 5.7-6.0	7.0 6.9-7.2	9.3 9.3-10.0

Table 16: Coastal Transect Parameters (continued)

Flood Source	Coastal Transect	Starting Wave Conditions for the 1% Annual Chance		Starting Stillwater Elevations (ft NAVD88) Range of Stillwater Elevations (ft NAVD88)				
		Significant Wave Height H_s (ft)	Peak Wave Period T_p (sec)	10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Matlacha Pass	121	2.2	2.8	3.2 3.0-3.4	4.8 4.6-4.9	5.9 5.7-6.0	6.9 6.8-7.0	9.2 9.1-9.3
Matlacha Pass	122	2.5	3.0	3.2 3.0-3.2	4.7 4.5-4.7	5.8 5.6-5.8	6.9 6.7-6.9	9.2 9.0-9.2
Matlacha Pass	123	2.7	2.9	3.1 2.9-3.3	4.6 4.4-4.9	5.7 5.6-6.0	6.8 6.7-7.0	9.1 9.0-9.1
Matlacha Pass	124	2.5	2.7	3.1 3.0-3.1	4.6 4.4-4.6	5.7 5.5-5.7	6.8 6.6-6.8	9.0 8.8-9.0
Matlacha Pass	125	2.0	2.4	3.1 3.1-3.1	4.6 4.6-4.6	5.7 5.7-5.7	6.7 6.7-8.1	8.9 8.9-11.2
Matlacha Pass	126	2.3	2.5	3.1 3.1-3.1	4.6 4.5-4.6	5.7 5.6-5.7	6.7 6.7-6.7	8.9 8.9-11.4
Matlacha Pass	127	2.1	2.5	3.1 3.0-3.1	4.6 4.5-4.6	5.7 5.6-5.7	6.7 6.6-6.7	8.9 8.8-11.3
Matlacha Pass	128	2.5	2.9	3.1 3.0-3.1	4.6 4.5-4.6	5.7 5.5-5.7	6.7 6.6-6.7	9.0 8.8-9.0

Table 16: Coastal Transect Parameters (continued)

Flood Source	Coastal Transect	Starting Wave Conditions for the 1% Annual Chance		Starting Stillwater Elevations (ft NAVD88) Range of Stillwater Elevations (ft NAVD88)				
		Significant Wave Height H_s (ft)	Peak Wave Period T_p (sec)	10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Matlacha Pass	129	2.4	2.8	3.1 3.0-3.1	4.6 4.5-4.6	5.7 5.5-5.7	6.7 6.6-6.7	9.0 8.8-9.0
Matlacha Pass	130	2.2	2.7	3.1 3.0-3.1	4.6 4.5-4.6	5.6 5.6-5.6	6.7 6.6-6.7	8.9 8.8-8.9
Matlacha Pass	131	2.0	2.5	3.0 3.0-3.0	4.5 4.5-4.5	5.6 5.6-5.6	6.7 6.6-6.7	8.9 8.8-9.8
Matlacha Pass	132	2.1	2.5	3.0 3.0-3.0	4.5 4.5-4.5	5.6 5.6-5.6	6.7 6.6-6.7	8.9 8.8-9.8
Matlacha Pass	133	2.5	2.9	3.0 2.9-3.0	4.5 4.4-4.5	5.6 5.4-5.6	6.7 6.4-6.8	8.9 8.6-9.5
Matlacha Pass	134	2.6	2.9	3.0 2.9-3.0	4.5 4.4-4.5	5.6 5.4-5.6	6.6 6.4-6.6	8.9 8.7-8.9
Charlotte Harbor	135	2.6	3.2	3.0 2.9-3.0	4.5 4.4-4.5	5.5 5.4-5.5	6.6 6.5-6.7	8.8 8.7-9.5
Charlotte Harbor	136	3.3	3.6	3.0 2.9-3.0	4.4 4.3-4.4	5.5 5.3-5.9	6.5 6.4-7.5	8.7 8.6-10.0

Table 16: Coastal Transect Parameters (continued)

Flood Source	Coastal Transect	Starting Wave Conditions for the 1% Annual Chance		Starting Stillwater Elevations (ft NAVD88) Range of Stillwater Elevations (ft NAVD88)				
		Significant Wave Height H_s (ft)	Peak Wave Period T_p (sec)	10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Charlotte Harbor	137	3.5	3.8	2.9 2.9-3.0	4.4 4.3-4.4	5.4 5.3-6.0	6.5 6.3-7.3	8.6 8.4-9.8
Charlotte Harbor	138	3.3	3.7	2.9 2.9-2.9	4.3 4.3-4.6	5.4 5.3-5.8	6.4 6.3-6.9	8.5 8.4-9.2
Charlotte Harbor	139	3.4	4.0	2.9 2.9-3.0	4.3 4.3-4.5	5.3 5.3-5.6	6.3 6.3-6.7	8.4 8.4-8.9
Charlotte Harbor	140	4.0	4.0	2.8 2.8-2.9	4.2 4.2-4.4	5.2 5.2-5.5	6.2 6.2-6.6	8.3 8.3-8.8
Charlotte Harbor	141	3.8	3.9	2.8 2.8-3.0	4.2 4.2-4.4	5.2 5.2-5.5	6.1 6.1-6.5	8.2 8.2-8.7
Charlotte Harbor	142	3.4	3.9	2.8 2.8-3.0	4.2 4.2-4.6	5.1 5.1-5.7	6.1 6.1-6.8	8.1 8.1-9.2
Charlotte Harbor	143	3.4	3.7	2.8 2.8-3.1	4.2 4.2-4.6	5.2 5.2-5.6	6.1 6.1-6.6	8.1 8.1-8.9
Charlotte Harbor	144	3.8	3.7	2.9 2.9-3.1	4.2 4.2-4.5	5.2 5.2-5.6	6.1 6.1-6.6	8.2 8.2-8.8

Table 16: Coastal Transect Parameters (continued)

Flood Source	Coastal Transect	Starting Wave Conditions for the 1% Annual Chance		Starting Stillwater Elevations (ft NAVD88) Range of Stillwater Elevations (ft NAVD88)				
		Significant Wave Height H_s (ft)	Peak Wave Period T_p (sec)	10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Little Bokeelia Bay	145	3.2	3.7	3.0 3.0-3.1	4.5 4.5-4.6	5.5 5.5-5.8	6.5 6.5-7.0	8.7 8.7-9.3
Pine Island Sound	146	3.9	3.7	3.0 3.0-3.2	4.3 4.3-4.7	5.3 5.3-5.9	6.3 6.3-7.2	8.4 8.4-9.7
Pine Island Sound	147	3.6	3.5	3.2 3.1-3.3	4.7 4.6-4.8	5.8 5.8-6.0	6.9 6.9-7.3	9.3 9.3-9.8
Pine Island Sound	148	3.6	3.6	3.2 3.2-3.3	4.8 4.6-4.8	5.9 5.9-6.0	7.0 7.0-7.2	9.4 9.4-9.7
Pine Island Sound	149	3.8	3.5	3.3 3.2-3.4	4.8 4.8-4.9	5.9 5.9-6.1	7.0 7.0-7.4	9.4 9.4-9.9
Pine Island Sound	150	3.8	3.5	3.4 3.4-3.4	5.0 4.8-5.1	6.2 6.0-6.3	7.4 7.3-7.5	9.8 9.8-9.9
Pine Island Sound	151	3.8	3.5	3.4 3.4-3.5	5.1 5.1-5.2	6.3 6.1-6.5	7.5 7.5-7.7	10.0 9.8-10.3
Pine Island Sound	152	3.9	3.5	3.5 3.5-3.6	5.1 5.1-5.3	6.4 6.4-6.7	7.6 7.6-8.2	10.1 10.1-11.1

Table 16: Coastal Transect Parameters (continued)

Flood Source	Coastal Transect	Starting Wave Conditions for the 1% Annual Chance		Starting Stillwater Elevations (ft NAVD88) Range of Stillwater Elevations (ft NAVD88)				
		Significant Wave Height H_s (ft)	Peak Wave Period T_p (sec)	10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Pine Island Sound	153	3.8	3.5	3.5 3.5-3.6	5.2 5.2-5.4	6.4 6.4-6.7	7.7 7.7-8.3	10.2 10.2-11.4
Pine Island Sound	154	3.7	3.5	3.6 3.6-3.6	5.3 5.3-5.4	6.5 6.5-6.7	7.8 7.8-8.1	10.4 10.4-11.4
Pine Island Sound	155	3.5	3.4	3.6 3.6-3.7	5.2 5.2-5.4	6.4 5.6-6.9	7.7 6.7-8.3	10.2 8.9-11.0
Pine Island Sound	156	3.6	3.6	3.5 3.1-3.7	5.2 4.5-5.5	6.4 5.6-6.9	7.6 6.6-8.2	10.2 8.8-10.8
Pine Island Sound	157	3.9	3.7	3.5 3.0-3.7	5.1 4.5-5.5	6.3 5.6-6.8	7.6 6.6-8.1	10.1 8.8-10.7
Pine Island Sound	158	3.8	3.7	3.5 2.8-3.7	5.1 4.3-5.4	6.3 5.4-6.8	7.5 6.5-8.0	10.1 8.8-10.6
Pine Island Sound	159	3.8	3.8	3.6 2.8-3.6	5.2 .3-5.4	6.4 5.4-6.7	7.6 6.5-8.0	10.2 8.8-10.6
Pine Island Sound	160	3.8	3.9	3.5 3.0-3.6	5.1 4.7-5.3	6.3 5.7-6.6	7.5 6.8-7.9	10.1 9.0-10.5

Table 16: Coastal Transect Parameters (continued)

Flood Source	Coastal Transect	Starting Wave Conditions for the 1% Annual Chance		Starting Stillwater Elevations (ft NAVD88) Range of Stillwater Elevations (ft NAVD88)				
		Significant Wave Height H_s (ft)	Peak Wave Period T_p (sec)	10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Pine Island Sound	161	3.7	4.0	3.5 3.2-3.6	5.1 4.6-5.2	6.2 5.7-6.5	7.4 6.8-7.8	10.0 9.0-10.3
Pine Island Sound	162	4.4	4.3	3.4 3.3-3.6	4.9 4.7-5.2	6.0 5.7-6.5	7.2 6.8-7.7	9.7 9.1-10.3
Pine Island Sound	163	3.8	4.2	3.5 3.4-3.6	5.0 4.9-5.3	6.2 5.9-6.5	7.4 6.9-7.9	9.9 9.2-10.4
Pine Island Sound	164	3.9	4.3	3.4 3.4-3.7	4.9 4.9-5.2	6.1 6.1-6.4	7.2 7.2-7.9	9.7 9.5-10.4
Pine Island Sound	165	3.7	4.0	3.4 3.4-3.5	4.9 4.9-5.4	6.0 6.0-6.6	7.2 7.2-8.0	9.7 9.7-10.5
Pine Island Sound	166	3.8	4.2	3.3 3.3-3.8	4.8 4.8-5.4	5.9 5.9-6.5	7.0 7.0-7.9	9.5 9.5-10.5
Pine Island Sound	167	3.5	3.9	3.4 3.4-3.4	4.9 4.9-5.1	6.0 6.0-6.3	7.1 7.1-7.9	9.7 9.7-10.7
Pine Island Sound	168	3.7	4.1	3.3 3.2-3.4	4.8 4.8-4.9	5.9 5.9-6.5	7.0 7.0-7.6	9.5 9.5-10.5

Table 16: Coastal Transect Parameters (continued)

Flood Source	Coastal Transect	Starting Wave Conditions for the 1% Annual Chance		Starting Stillwater Elevations (ft NAVD88) Range of Stillwater Elevations (ft NAVD88)				
		Significant Wave Height H_s (ft)	Peak Wave Period T_p (sec)	10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Pine Island Sound	169	3.7	4.0	3.3 3.2-3.4	4.8 4.8-4.9	5.9 5.9-6.5	7.0 7.0-7.6	9.4 9.4-10.4
Pine Island Sound	170	3.5	4.1	3.3 3.2-3.4	4.7 4.7-5.5	5.8 5.8-6.6	6.9 6.9-7.7	9.3 9.3-10.4
Pine Island Sound	171	3.6	4.0	3.3 3.2-3.9	4.8 4.8-5.4	5.9 5.9-6.5	7.0 7.0-7.9	9.5 9.5-10.4
Pine Island Sound	172	3.6	4.1	3.3 3.2-3.9	4.7 4.7-5.4	5.8 5.8-6.5	6.9 6.9-7.8	9.3 9.3-10.3
Pine Island Sound	173	3.6	3.8	3.3 3.3-3.4	4.8 4.8-5.4	5.8 5.8-6.6	6.9 6.9-7.8	9.4 9.4-10.2
Pine Island Sound	174	3.4	3.6	3.3 3.3-3.8	4.8 4.8-5.4	5.9 5.9-6.6	7.0 7.0-7.8	9.4 9.4-10.2
Pine Island Sound	175	4.1	3.6	3.2 3.1-3.8	4.5 4.5-5.3	5.5 5.4-6.5	6.4 6.4-7.6	8.6 8.6-9.9
Pine Island Sound	176	3.4	3.6	3.3 3.2-3.7	4.7 4.6-5.2	5.8 5.7-6.3	6.9 6.8-7.4	9.4 9.4-9.8

Table 16: Coastal Transect Parameters (continued)

Flood Source	Coastal Transect	Starting Wave Conditions for the 1% Annual Chance		Starting Stillwater Elevations (ft NAVD88) Range of Stillwater Elevations (ft NAVD88)				
		Significant Wave Height H_s (ft)	Peak Wave Period T_p (sec)	10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Pine Island Sound	177	3.5	3.7	3.3 3.3-3.6	4.7 4.7-5.1	5.7 5.7-6.2	6.7 6.7-7.3	9.1 9.1-9.7
Pine Island Sound	178	3.4	3.6	3.2 3.2-3.5	4.6 4.6-5.0	5.6 5.6-6.0	6.6 6.6-7.1	8.9 8.9-9.4
Pine Island Sound	179	3.8	3.5	3.3 3.3-3.3	4.7 4.6-4.7	5.6 5.6-5.7	6.6 6.6-6.7	8.9 8.9-9.0
San Carlos Bay	180	4.4	3.9	3.4 3.4-3.5	4.8 4.8-4.9	5.9 5.9-5.9	6.9 6.9-7.0	9.3 9.3-9.4
San Carlos Bay	181	4.4	4.0	3.5 3.5-3.6	4.9 4.9-5.0	6.0 5.9-6.1	7.1 7.0-7.2	9.5 9.5-9.6
San Carlos Bay	182	4.7	4.1	3.5 3.5-3.6	5.0 5.0-5.1	6.1 6.0-6.2	7.2 7.1-7.3	9.7 9.6-9.7
San Carlos Bay	183	4.7	4.1	3.6 3.6-3.6	5.1 5.1-5.2	6.1 6.1-6.3	7.2 7.2-7.3	9.8 9.7-9.9
San Carlos Bay	184	4.5	4.1	3.6 3.6-3.7	5.1 5.1-5.2	6.2 6.2-6.3	7.3 7.3-7.4	9.9 9.7-9.9

Table 16: Coastal Transect Parameters (continued)

Flood Source	Coastal Transect	Starting Wave Conditions for the 1% Annual Chance		Starting Stillwater Elevations (ft NAVD88) Range of Stillwater Elevations (ft NAVD88)				
		Significant Wave Height H_s (ft)	Peak Wave Period T_p (sec)	10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
San Carlos Bay	185	4.3	4.1	3.6 3.6-3.7	5.1 5.1-5.3	6.3 6.3-6.4	7.4 7.3-7.4	10.0 9.8-10.0
San Carlos Bay	186	4.1	4.0	3.7 3.6-3.7	5.2 5.1-5.2	6.3 6.2-6.3	7.4 7.3-7.4	10.1 9.8-10.1
Matlacha Pass	187	3.4	3.4	3.7 3.6-3.7	5.2 5.2-5.2	6.3 6.3-6.4	7.3 7.3-7.5	9.8 9.8-9.9
Matlacha Pass	188	2.8	2.8	3.7 3.6-3.7	5.2 5.1-5.2	6.3 6.2-6.3	7.4 7.2-7.4	9.8 9.7-9.8
Matlacha Pass	189	2.6	3.0	3.7 3.3-3.7	5.2 4.7-5.3	6.3 5.8-6.3	7.4 6.9-7.4	9.9 9.5-9.9
Matlacha Pass	190	2.5	2.9	3.8 3.2-3.8	5.3 4.6-5.3	6.4 5.8-6.4	7.5 7.0-7.5	9.9 9.5-9.9
Matlacha Pass	191	3.1	3.4	3.8 3.8-3.8	5.3 4.9-5.4	6.4 6.4-6.7	7.5 7.5-7.8	10.0 9.9-10.2
Matlacha Pass	192	3.3	3.6	3.8 3.8-3.9	5.4 5.4-5.4	6.5 6.5-6.5	7.6 7.6-7.6	10.1 10.0-10.1

Table 16: Coastal Transect Parameters (continued)

Flood Source	Coastal Transect	Starting Wave Conditions for the 1% Annual Chance		Starting Stillwater Elevations (ft NAVD88) Range of Stillwater Elevations (ft NAVD88)				
		Significant Wave Height H_s (ft)	Peak Wave Period T_p (sec)	10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Matlacha Pass	193	2.7	3.3	3.9 3.8-3.9	5.4 5.4-5.4	6.5 6.5-6.5	7.6 7.6-7.8	10.0 10.0-10.3
Matlacha Pass	194	2.8	3.4	3.9 3.8-3.9	5.4 5.3-5.4	6.5 6.4-6.5	7.6 7.5-7.6	10.0 10.0-10.0
Matlacha Pass	195	2.8	3.2	3.9 3.9-3.9	5.4 5.4-5.4	6.5 6.2-6.6	7.6 7.4-7.9	10.0 10.0-10.4
Matlacha Pass	196	3.3	3.3	3.9 3.8-3.9	5.5 5.4-5.5	6.6 6.4-6.6	7.6 7.5-7.7	10.1 10.0-10.2
Matlacha Pass	197	3.4	3.4	3.9 3.8-4.0	5.4 5.4-5.5	6.5 6.5-6.6	7.6 7.6-7.6	10.0 10.0-10.4
Matlacha Pass	198	2.7	2.9	3.9 3.9-3.9	5.5 5.4-5.5	6.6 6.5-6.6	7.6 7.6-7.6	10.0 10.0-10.7
Matlacha Pass	199	2.7	2.9	4.0 3.9-4.0	5.5 5.4-5.5	6.6 6.4-6.6	7.7 7.5-7.9	10.0 9.8-10.4
Matlacha Pass	200	3.2	3.1	4.0 3.5-4.0	5.6 4.9-5.6	6.7 6.0-6.7	7.7 7.0-7.7	10.1 9.2-10.1

Table 16: Coastal Transect Parameters (continued)

Flood Source	Coastal Transect	Starting Wave Conditions for the 1% Annual Chance		Starting Stillwater Elevations (ft NAVD88) Range of Stillwater Elevations (ft NAVD88)				
		Significant Wave Height H_s (ft)	Peak Wave Period T_p (sec)	10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Matlacha Pass	201	2.7	3.1	3.9 3.3-3.9	5.5 4.6-5.5	6.6 5.7-6.6	7.6 6.8-7.8	9.9 9.1-10.3
Matlacha Pass	202	2.5	3.0	3.9 3.3-3.9	5.5 4.7-5.5	6.5 5.8-6.5	7.6 6.8-7.6	9.8 9.1-9.8
Matlacha Pass	203	2.8	3.1	3.9 3.3-3.9	5.5 4.6-5.5	6.5 5.7-6.5	7.6 6.8-7.6	9.9 9.1-9.9
Matlacha Pass	204	2.6	3.0	3.9 3.1-3.9	5.4 4.6-5.4	6.5 5.7-6.6	7.6 6.7-7.9	9.8 9.0-10.4
Matlacha Pass	205	2.8	3.1	3.9 3.0-3.9	5.4 4.7-5.4	6.5 5.7-6.6	7.6 6.8-8.0	9.8 9.0-10.5
Matlacha Pass	206	2.5	2.9	3.9 2.9-3.9	5.5 4.7-5.5	6.5 5.8-6.6	7.5 6.8-8.0	9.7 9.0-10.5
Matlacha Pass	207	3.1	3.2	3.9 2.9-3.9	5.5 4.5-5.5	6.5 5.5-6.5	7.6 6.6-7.6	9.8 8.8-9.8
Matlacha Pass	208	3.1	3.1	3.9 3.2-3.9	5.5 4.7-5.5	6.6 5.8-6.6	7.6 6.8-7.6	9.8 9.1-9.8

Table 16: Coastal Transect Parameters (continued)

Flood Source	Coastal Transect	Starting Wave Conditions for the 1% Annual Chance		Starting Stillwater Elevations (ft NAVD88) Range of Stillwater Elevations (ft NAVD88)				
		Significant Wave Height H_s (ft)	Peak Wave Period T_p (sec)	10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Matlacha Pass	209	3.6	3.3	3.9 2.9-3.9	5.5 4.6-5.5	6.6 5.7-6.7	7.7 6.9-7.7	9.9 9.3-9.9
Matlacha Pass	210	3.6	3.4	3.9 2.9-4.0	5.5 4.3-5.6	6.7 5.5-6.7	7.7 6.7-7.8	10.0 9.3-10.1
Matlacha Pass	211	3.5	3.4	3.9 3.3-3.9	5.5 4.4-5.6	6.6 5.6-6.7	7.7 6.7-7.7	9.9 9.4-10.0
Matlacha Pass	212	3.5	3.4	3.9 3.2-4.1	5.5 4.6-5.6	6.7 5.8-6.7	7.7 6.9-7.9	10.1 9.3-10.8
Matlacha Pass	213	3.2	3.3	3.9 2.9-4.0	5.5 4.4-5.6	6.7 5.7-6.7	7.7 7.0-7.8	10.0 9.3-10.8
Matlacha Pass	214	3.0	3.3	3.9 2.9-3.9	5.5 4.5-5.5	6.6 5.7-6.6	7.7 7.0-7.8	9.9 9.7-10.6
Matlacha Pass	215	3.1	3.4	3.9 3.0-4.0	5.5 4.5-5.6	6.7 5.8-6.7	7.7 7.1-7.8	10.1 9.8-10.7
Matlacha Pass	216	3.3	3.5	3.9 3.0-4.0	5.5 4.5-5.6	6.7 5.7-6.7	7.7 7.1-7.8	10.1 9.8-10.5

Table 16: Coastal Transect Parameters (continued)

Flood Source	Coastal Transect	Starting Wave Conditions for the 1% Annual Chance		Starting Stillwater Elevations (ft NAVD88) Range of Stillwater Elevations (ft NAVD88)				
		Significant Wave Height H_s (ft)	Peak Wave Period T_p (sec)	10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Matlacha Pass	217	3.2	3.5	3.9 3.0-3.9	5.5 4.5-5.5	6.7 5.7-6.7	7.7 7.0-7.7	10.1 9.8-10.4
Matlacha Pass	218	3.1	3.3	3.9 3.0-3.9	5.5 4.6-5.5	6.6 5.8-6.6	7.7 7.1-7.7	10.0 9.9-10.2
Matlacha Pass	219	2.7	3.0	3.9 3.0-3.9	5.5 4.7-5.5	6.6 6.0-6.6	7.7 7.2-7.7	10.0 9.9-10.2
Matlacha Pass	220	3.8	3.7	3.9 3.0-3.9	5.5 4.6-5.5	6.6 5.8-6.6	7.6 7.1-7.7	10.0 9.9-10.0
Matlacha Pass	221	3.4	3.6	3.9 3.0-3.9	5.5 4.7-5.5	6.6 6.0-6.6	7.7 7.3-7.7	10.2 10.0-10.2
Matlacha Pass	222	3.4	3.6	3.9 3.1-3.9	5.5 4.8-5.5	6.6 6.0-6.6	7.7 7.3-7.8	10.2 10.0-10.2
Matlacha Pass	223	3.9	3.9	3.9 3.1-4.0	5.5 4.8-5.5	6.6 6.1-6.7	7.7 7.4-7.8	10.2 10.1-10.3
Matlacha Pass	224	4.2	4.0	3.9 3.1-4.0	5.5 4.8-5.6	6.7 6.1-6.8	7.8 7.4-8.0	10.4 10.1-10.6

Table 16: Coastal Transect Parameters (continued)

Flood Source	Coastal Transect	Starting Wave Conditions for the 1% Annual Chance		Starting Stillwater Elevations (ft NAVD88) Range of Stillwater Elevations (ft NAVD88)				
		Significant Wave Height H_s (ft)	Peak Wave Period T_p (sec)	10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Matlacha Pass	225	4.2	3.8	3.9 3.2-3.9	5.5 5.0-5.6	6.7 6.2-6.8	7.8 7.5-7.9	10.5 10.2-10.6
Matlacha Pass	226	4.3	3.8	3.8 3.2-3.9	5.4 5.0-5.6	6.6 6.3-6.7	7.7 7.6-7.9	10.4 10.3-10.6
Matlacha Pass	227	3.8	3.7	3.8 3.2-3.9	5.5 5.0-5.6	6.6 6.3-6.8	7.8 7.6-7.9	10.5 10.3-10.7
Caloosahatchee River	228	4.2	3.7	3.9 3.1-3.9	5.5 4.8-5.6	6.7 6.0-6.8	7.9 7.3-8.0	10.7 10.0-10.7
Caloosahatchee River	229	4.4	3.8	3.8 3.0-3.9	5.5 4.6-5.6	6.8 5.8-6.8	8.0 7.1-8.0	10.8 10.1-10.8
Caloosahatchee River	230	4.5	3.7	3.8 3.1-3.8	5.4 4.8-5.5	6.6 5.9-6.7	7.8 7.3-7.8	10.5 10.2-10.5
Caloosahatchee River	231	4.3	3.8	3.8 3.2-3.8	5.4 5.0-5.4	6.6 6.4-6.6	7.8 7.6-7.8	10.5 10.3-10.5
Caloosahatchee River	232	4.0	3.7	3.7 3.5-3.8	5.4 5.2-5.5	6.6 6.3-6.7	7.7 7.5-7.8	10.4 10.1-10.5

Table 16: Coastal Transect Parameters (continued)

Flood Source	Coastal Transect	Starting Wave Conditions for the 1% Annual Chance		Starting Stillwater Elevations (ft NAVD88) Range of Stillwater Elevations (ft NAVD88)				
		Significant Wave Height H_s (ft)	Peak Wave Period T_p (sec)	10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Caloosahatchee River	233	3.6	3.3	3.6 3.3-3.9	5.2 4.9-5.6	6.3 6.1-6.8	7.4 7.4-8.0	9.9 9.9-10.7
Caloosahatchee River	234	3.3	3.0	3.6 3.4-3.8	5.2 5.1-5.5	6.3 6.3-6.7	7.4 7.4-7.8	9.9 9.9-10.6
Caloosahatchee River	235	3.4	3.2	3.6 3.6-3.7	5.2 5.2-5.5	6.3 6.3-6.7	7.4 7.4-7.8	9.9 9.9-10.5
Caloosahatchee River	236	3.0	3.1	3.6 3.6-3.8	5.2 5.2-5.5	6.4 6.3-6.7	7.5 7.5-7.8	10.0 10.0-10.3
Caloosahatchee River	237	3.2	3.2	3.7 3.6-3.7	5.3 5.3-5.4	6.4 5.8-6.5	7.6 7.2-7.6	10.1 10.0-10.6
Caloosahatchee River	238	3.3	3.3	3.7 3.7-3.7	5.3 5.3-5.4	6.5 6.4-6.6	7.6 7.6-7.7	10.2 10.1-10.4
Caloosahatchee River	239	3.4	3.3	3.7 3.7-3.8	5.3 5.3-5.4	6.5 6.4-6.6	7.6 7.5-7.8	10.2 10.0-10.4
Caloosahatchee River	240	3.6	3.4	3.7 3.7-3.7	5.4 5.3-5.4	6.5 6.4-6.6	7.7 7.5-7.7	10.3 10.0-10.3

Table 16: Coastal Transect Parameters (continued)

Flood Source	Coastal Transect	Starting Wave Conditions for the 1% Annual Chance		Starting Stillwater Elevations (ft NAVD88) Range of Stillwater Elevations (ft NAVD88)				
		Significant Wave Height H_s (ft)	Peak Wave Period T_p (sec)	10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Caloosahatchee River	241	3.5	3.4	3.7 3.6-3.7	5.3 5.2-5.3	6.4 6.3-6.5	7.6 7.4-7.6	10.1 9.8-10.1
Caloosahatchee River	242	2.8	3.7	3.7 3.6-3.7	5.2 5.2-5.3	6.4 6.4-6.5	7.4 7.4-7.6	9.9 9.9-10.2
Caloosahatchee River	243	2.9	3.1	3.7 3.7-3.8	5.3 5.3-5.4	6.4 6.4-6.6	7.5 7.5-7.7	10.0 10.0-10.3
Caloosahatchee River	244	2.9	3.1	3.7 3.7-3.7	5.3 5.3-5.3	6.5 6.4-6.5	7.6 7.5-7.6	10.1 10.0-10.1
Caloosahatchee River	245	2.9	3.3	3.7 3.7-3.8	5.4 5.4-5.4	6.5 6.5-6.6	7.6 7.6-7.7	10.1 10.1-10.2
Caloosahatchee River	246	2.9	3.1	3.8 3.2-3.8	5.4 4.9-5.5	6.5 6.1-6.7	7.7 7.4-7.8	10.2 10.1-10.6
Caloosahatchee River	247	2.9	3.1	3.8 3.7-3.9	5.5 5.4-5.5	6.6 6.6-6.7	7.7 7.7-7.9	10.3 10.2-10.5
Caloosahatchee River	248	2.9	3.1	3.8 3.6-3.9	5.5 5.2-5.5	6.6 6.4-6.7	7.8 7.6-7.8	10.4 10.2-10.5

Table 16: Coastal Transect Parameters (continued)

Flood Source	Coastal Transect	Starting Wave Conditions for the 1% Annual Chance		Starting Stillwater Elevations (ft NAVD88) Range of Stillwater Elevations (ft NAVD88)				
		Significant Wave Height H_s (ft)	Peak Wave Period T_p (sec)	10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Caloosahatchee River	249	2.9	3.1	3.9 3.9-3.9	5.5 5.5-5.6	6.7 6.7-6.7	7.8 7.8-7.8	10.5 10.3-10.5
Caloosahatchee River	250	2.9	3.2	3.9 3.3-3.9	5.6 5.0-5.6	6.7 6.2-6.8	7.9 7.5-7.9	10.5 10.3-10.6
Caloosahatchee River	251	2.9	3.3	3.9 3.9-4.1	5.6 5.6-5.8	6.8 6.7-6.9	7.9 7.9-8.1	10.6 10.6-10.8
Caloosahatchee River	252	2.9	3.3	4.0 4.0-4.0	5.7 5.7-5.7	6.8 6.8-6.9	8.0 8.0-8.0	10.7 10.7-10.8
Caloosahatchee River	253	2.9	3.4	4.0 3.6-4.0	5.7 5.2-5.7	6.9 6.4-6.9	8.1 7.6-8.1	10.8 10.4-10.8
Caloosahatchee River	254	2.9	3.4	4.0 3.9-4.0	5.8 5.6-5.8	6.9 6.8-7.0	8.1 7.8-8.1	10.9 10.4-10.9
Caloosahatchee River	255	2.9	3.3	4.1 3.7-4.1	5.8 5.1-5.8	7.0 6.4-7.0	8.2 7.6-8.2	10.9 10.5-10.9
Caloosahatchee River	256	2.9	3.3	4.1 4.0-4.1	5.8 5.4-5.8	7.0 6.4-7.0	8.2 7.7-8.2	11.0 10.6-11.0

Table 16: Coastal Transect Parameters (continued)

Flood Source	Coastal Transect	Starting Wave Conditions for the 1% Annual Chance		Starting Stillwater Elevations (ft NAVD88) Range of Stillwater Elevations (ft NAVD88)				
		Significant Wave Height H_s (ft)	Peak Wave Period T_p (sec)	10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Caloosahatchee River	257	2.9	3.3	4.1 3.0-4.1	5.9 5.3-5.9	7.1 6.0-7.1	8.2 7.2-8.3	11.1 10.0-11.1
Caloosahatchee River	258	3.0	3.4	4.1 3.0-4.2	5.9 5.4-6.0	7.1 6.1-7.2	8.3 7.2-8.3	11.2 10.0-11.3
Caloosahatchee River	259	3.1	3.5	4.2 3.0-4.2	6.0 5.2-6.0	7.2 6.3-7.2	8.4 7.2-8.4	11.3 10.2-11.4
Caloosahatchee River	260	3.2	3.5	4.2 3.1-4.2	6.0 5.5-6.1	7.2 6.7-7.3	8.4 7.2-8.5	11.4 10.3-11.5
Caloosahatchee River	261	3.2	3.5	4.3 4.2-4.3	6.1 5.9-6.1	7.3 7.1-7.3	8.5 8.1-8.5	11.5 11.1-11.5
Caloosahatchee River	262	3.2	3.5	4.3 4.2-4.3	6.1 5.8-6.1	7.3 7.1-7.3	8.5 8.3-8.6	11.5 10.8-11.6
Caloosahatchee River	263	3.3	3.5	4.3 4.3-4.3	6.1 5.9-6.1	7.4 7.2-7.4	8.6 8.4-8.6	11.6 11.4-11.7
Caloosahatchee River	264	3.2	3.6	4.3 4.3-4.3	6.2 6.0-6.2	7.4 7.2-7.5	8.7 8.4-8.7	11.7 11.6-11.8

Table 16: Coastal Transect Parameters (continued)

Flood Source	Coastal Transect	Starting Wave Conditions for the 1% Annual Chance		Starting Stillwater Elevations (ft NAVD88) Range of Stillwater Elevations (ft NAVD88)				
		Significant Wave Height H_s (ft)	Peak Wave Period T_p (sec)	10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Caloosahatchee River	265	3.4	3.6	4.3 4.3-4.3	6.2 6.1-6.2	7.5 7.3-7.5	8.7 8.4-8.7	11.8 11.3-11.8
Caloosahatchee River	266	3.8	3.7	4.4 4.2-4.4	6.3 6.1-6.3	7.5 7.4-7.6	8.8 8.7-8.9	11.9 11.9-12.1
Caloosahatchee River	267	3.9	3.8	4.4 4.4-4.4	6.3 6.3-6.4	7.6 7.6-7.7	8.8 8.8-8.9	12.0 12.0-12.3
Caloosahatchee River	268	4.0	3.9	4.4 4.4-4.4	6.4 6.4-6.4	7.6 7.6-7.7	8.9 8.9-9.1	12.1 12.1-12.4
Caloosahatchee River	269	3.8	3.8	4.5 4.5-4.5	6.4 6.4-6.5	7.7 7.7-7.8	9.0 8.9-9.1	12.2 10.3-12.4
Caloosahatchee River	270	4.2	3.9	4.5 4.5-4.5	6.4 6.4-6.5	7.8 7.8-7.8	9.1 9.1-9.2	12.3 12.2-12.5
Caloosahatchee River	271	4.2	4.0	4.5 4.5-4.5	6.5 6.5-6.6	7.8 7.8-7.9	9.1 9.1-9.2	12.5 12.5-12.6
Caloosahatchee River	272	4.2	4.0	4.6 4.5-4.6	6.6 6.6-6.6	7.9 7.9-8.0	9.2 9.2-9.3	12.6 12.6-12.9

Table 16: Coastal Transect Parameters (continued)

Flood Source	Coastal Transect	Starting Wave Conditions for the 1% Annual Chance		Starting Stillwater Elevations (ft NAVD88) Range of Stillwater Elevations (ft NAVD88)				
		Significant Wave Height H_s (ft)	Peak Wave Period T_p (sec)	10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Caloosahatchee River	273	4.1	3.9	4.6 4.6-4.6	6.6 6.6-6.7	7.9 7.9-8.0	9.2 9.2-9.4	12.6 12.6-13.0
Caloosahatchee River	274	3.9	3.8	4.6 4.3-4.6	6.6 6.5-6.7	8.0 7.8-8.1	9.3 9.0-9.4	12.7 12.6-13.0
Caloosahatchee River	275	2.9	3.1	4.6 4.6-4.6	6.7 6.7-6.7	8.1 8.0-8.1	9.4 9.4-9.5	12.8 12.7-13.1
Caloosahatchee River	276	2.8	2.8	4.6 4.5-4.7	6.7 6.6-6.7	8.0 7.9-8.1	9.4 9.2-9.5	12.8 12.5-13.0
Caloosahatchee River	277	4.1	3.9	4.6 4.6-4.6	6.6 6.6-6.7	7.9 7.9-8.1	9.3 9.2-9.5	12.7 12.4-12.8
Caloosahatchee River	278	4.0	3.9	4.6 4.6-4.6	6.6 6.6-6.7	8.0 8.0-8.0	9.4 9.4-9.4	12.7 12.7-12.8
Caloosahatchee River	279	3.8	3.9	4.6 4.6-4.6	6.6 6.6-6.6	8.0 7.9-8.0	9.3 9.3-9.3	12.6 12.3-12.7
Caloosahatchee River	280	3.9	3.8	4.5 4.5-4.5	6.5 6.5-6.5	7.9 7.9-7.9	9.2 9.2-9.2	12.5 12.2-12.6

Table 16: Coastal Transect Parameters (continued)

Flood Source	Coastal Transect	Starting Wave Conditions for the 1% Annual Chance		Starting Stillwater Elevations (ft NAVD88) Range of Stillwater Elevations (ft NAVD88)				
		Significant Wave Height H_s (ft)	Peak Wave Period T_p (sec)	10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Caloosahatchee River	281	4.1	3.8	4.5 4.5-4.5	6.5 6.2-6.5	7.8 7.6-7.8	9.1 8.8-9.2	12.4 12.2-12.5
Caloosahatchee River	282	4.0	3.8	4.5 4.2-4.5	6.4 6.2-6.5	7.8 7.6-7.8	9.1 8.8-9.1	12.3 12.2-12.5
Caloosahatchee River	283	3.8	3.7	4.4 4.2-4.4	6.4 6.2-6.4	7.7 7.6-7.7	9.0 8.8-9.1	12.2 12.1-12.3
Caloosahatchee River	284	3.7	3.5	4.4 4.2-4.4	6.3 6.2-6.3	7.7 7.6-7.7	8.9 8.8-9.0	12.1 12.0-12.2
Caloosahatchee River	285	3.5	3.4	4.4 4.2-4.4	6.3 6.1-6.3	7.6 7.5-7.7	8.9 8.8-9.0	12.0 12.0-12.2
Caloosahatchee River	286	3.5	3.5	4.3 4.2-4.3	6.2 6.2-6.3	7.5 7.5-7.5	8.8 8.8-8.8	11.9 11.9-12.0
Caloosahatchee River	287	3.4	3.5	4.3 4.3-4.3	6.2 6.2-6.2	7.5 7.5-7.5	8.7 8.7-8.8	11.8 11.8-11.9
Caloosahatchee River	288	3.5	3.5	4.3 4.3-4.3	6.1 6.1-6.2	7.4 7.4-7.4	8.7 8.7-8.7	11.7 11.7-11.7

Table 16: Coastal Transect Parameters (continued)

Flood Source	Coastal Transect	Starting Wave Conditions for the 1% Annual Chance		Starting Stillwater Elevations (ft NAVD88) Range of Stillwater Elevations (ft NAVD88)				
		Significant Wave Height H_s (ft)	Peak Wave Period T_p (sec)	10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Caloosahatchee River	289	3.5	3.4	4.3 4.3-4.3	6.1 6.1-6.1	7.4 7.4-7.4	8.6 8.6-8.7	11.6 11.6-11.7
Caloosahatchee River	290	3.4	3.4	4.2 4.2-4.2	6.1 6.1-6.1	7.3 7.3-7.3	8.5 8.5-8.6	11.5 11.5-11.6
Caloosahatchee River	291	3.5	3.4	4.2 4.2-4.9	6.0 5.9-6.0	7.3 7.3-7.3	8.5 8.5-8.5	11.4 11.4-11.5
Caloosahatchee River	292	3.5	3.4	4.2 4.2-4.9	6.0 5.8-6.0	7.2 7.2-7.4	8.4 8.4-8.5	11.3 11.3-11.5
Caloosahatchee River	293	3.4	3.5	4.1 4.1-4.9	5.9 5.8-6.0	7.1 7.1-7.4	8.3 8.3-8.4	11.2 11.2-11.4
Caloosahatchee River	294	3.4	3.5	4.1 4.1-4.9	5.9 5.7-5.9	7.1 7.1-7.5	8.3 8.3-8.5	11.2 11.2-11.4
Caloosahatchee River	295	3.4	3.5	4.1 4.1-4.9	5.8 5.7-5.9	7.0 7.0-7.5	8.2 8.2-8.6	11.1 11.1-11.3
Caloosahatchee River	296	3.7	3.4	4.0 4.0-4.9	5.8 5.7-5.8	7.0 7.0-7.6	8.2 8.2-8.7	11.0 11.0-11.3

Table 16: Coastal Transect Parameters (continued)

Flood Source	Coastal Transect	Starting Wave Conditions for the 1% Annual Chance		Starting Stillwater Elevations (ft NAVD88) Range of Stillwater Elevations (ft NAVD88)				
		Significant Wave Height H_s (ft)	Peak Wave Period T_p (sec)	10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Caloosahatchee River	297	3.8	3.4	4.0 4.0-4.9	5.7 5.7-5.8	7.0 7.0-7.7	8.1 8.1-8.8	10.9 10.9-11.3
Caloosahatchee River	298	3.5	3.3	4.0 4.0-4.8	5.7 5.7-5.7	6.9 6.9-7.8	8.1 8.1-8.9	10.8 10.8-11.2
Caloosahatchee River	299	3.5	3.2	3.9 3.9-4.8	5.6 5.6-5.7	6.8 6.8-7.9	8.0 8.0-9.0	10.7 10.7-11.2
Caloosahatchee River	300	3.4	3.2	3.9 3.9-4.8	5.6 5.6-7.0	6.8 6.8-8.1	8.0 8.0-9.4	10.7 10.7-13.6
Caloosahatchee River	301	3.3	3.2	3.8 3.7-4.6	5.5 5.5-6.5	6.7 6.7-8.2	7.9 7.8-9.3	10.5 10.5-12.4
Caloosahatchee River	302	3.2	3.3	3.8 3.8-3.8	5.5 5.4-5.7	6.6 6.5-6.7	7.8 7.8-8.0	10.4 10.4-11.1
Caloosahatchee River	303	3.3	3.2	3.8 3.7-3.8	5.4 5.3-5.4	6.6 6.5-6.6	7.7 7.7-7.8	10.3 10.3-10.8
Caloosahatchee River	304	3.4	3.2	3.8 3.7-3.8	5.4 5.3-5.5	6.5 6.5-6.7	7.7 7.7-8.1	10.2 10.2-11.0

Table 16: Coastal Transect Parameters (continued)

Flood Source	Coastal Transect	Starting Wave Conditions for the 1% Annual Chance		Starting Stillwater Elevations (ft NAVD88) Range of Stillwater Elevations (ft NAVD88)				
		Significant Wave Height H_s (ft)	Peak Wave Period T_p (sec)	10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Caloosahatchee River	305	3.1	3.1	3.7 3.7-3.8	5.4 5.4-6.2	6.5 6.5-8.1	7.7 7.7-8.9	10.2 10.2-12.0
Caloosahatchee River	306	3.0	3.0	3.7 3.7-3.7	5.3 5.3-5.6	6.5 6.5-6.6	7.6 7.6-7.9	10.2 10.2-11.0
Caloosahatchee River	307	2.9	3.0	3.7 3.6-3.7	5.3 5.3-5.3	6.5 6.4-6.5	7.6 7.6-7.7	10.2 10.2-10.8
Caloosahatchee River	308	2.8	3.0	3.7 3.6-3.7	5.3 5.2-5.3	6.4 6.4-6.4	7.6 7.6-7.7	10.1 10.1-10.9
Caloosahatchee River	309	3.1	3.4	3.7 3.6-3.7	5.3 5.2-5.8	6.5 6.4-7.5	7.6 7.5-8.7	10.2 10.2-12.2
Caloosahatchee River	310	3.2	3.3	3.7 3.7-3.7	5.3 5.3-6.0	6.4 6.4-7.4	7.6 7.3-9.3	10.1 10.1-12.5
Caloosahatchee River	311	3.1	3.3	3.6 3.6-3.6	5.2 5.2-6.2	6.4 6.4-7.8	7.5 7.5-9.6	10.0 10.0-13.2
Caloosahatchee River	312	3.2	3.3	3.6 3.6-3.6	5.2 5.2-5.2	6.4 6.4-7.7	7.5 7.5-9.6	10.0 10.0-12.9

Table 16: Coastal Transect Parameters (continued)

Flood Source	Coastal Transect	Starting Wave Conditions for the 1% Annual Chance		Starting Stillwater Elevations (ft NAVD88) Range of Stillwater Elevations (ft NAVD88)				
		Significant Wave Height H_s (ft)	Peak Wave Period T_p (sec)	10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Caloosahatchee River	313	3.1	3.1	3.6 3.6-3.6	5.2 5.2-5.3	6.4 6.4-7.9	7.5 7.5-9.9	10.0 10.0-13.3
Caloosahatchee River	314	3.0	3.0	3.6 3.6-3.6	5.2 5.2-6.5	6.3 6.3-8.3	7.4 7.4-10.2	10.0 10.0-13.7
Caloosahatchee River	315	2.8	2.9	3.6 3.6-3.6	5.2 5.2-5.9	6.3 6.3-7.4	7.4 7.4-8.9	9.9 9.9-12.5
Caloosahatchee River	316	2.8	2.9	3.6 3.6-3.6	5.1 5.1-5.2	6.3 6.3-6.7	7.4 7.4-8.4	9.9 9.9-12.0
Caloosahatchee River	317	2.8	2.8	3.6 3.5-3.9	5.1 5.1-5.7	6.2 6.2-7.1	7.3 7.3-8.4	9.8 9.8-11.7
Caloosahatchee River	318	2.6	2.7	3.6 3.6-3.7	5.1 5.1-5.4	6.2 6.2-6.6	7.3 7.3-7.7	9.8 9.8-10.4
Caloosahatchee River	319	2.8	2.7	3.6 3.6-3.7	5.1 5.1-5.3	6.2 6.2-6.5	7.3 7.3-7.7	9.8 9.7-10.3
Caloosahatchee River	320	3.6	3.8	3.7 3.7-3.7	5.3 5.3-5.4	6.4 6.4-6.5	7.6 7.6-7.7	10.1 10.1-10.3

Table 16: Coastal Transect Parameters (continued)

Flood Source	Coastal Transect	Starting Wave Conditions for the 1% Annual Chance		Starting Stillwater Elevations (ft NAVD88) Range of Stillwater Elevations (ft NAVD88)				
		Significant Wave Height H_s (ft)	Peak Wave Period T_p (sec)	10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
San Carlos Bay	321	4.3	3.8	3.7 3.6-3.7	5.3 5.1-5.4	6.5 6.2-6.5	7.7 7.3-7.7	10.3 9.8-10.3
San Carlos Bay	322	4.4	3.7	3.7 3.6-3.8	5.4 5.1-5.5	6.6 6.2-6.7	7.7 7.3-7.9	10.4 9.8-10.5
San Carlos Bay	323	3.9	3.5	3.9 3.5-3.9	5.6 5.1-5.6	6.9 6.2-6.9	8.2 7.3-8.2	11.1 9.8-11.1
San Carlos Bay	324	3.8	3.3	3.8 3.7-3.9	5.6 5.2-5.7	6.9 6.7-7.1	8.2 8.2-8.6	11.1 11.1-12.0
San Carlos Bay	325	3.4	3.0	3.8 3.8-4.8	5.5 5.5-7.3	6.8 6.8-9.2	8.1 8.1-10.8	11.1 11.1-14.5
San Carlos Bay	326	4.5	3.7	3.8 3.7-3.8	5.4 5.4-5.5	6.6 6.6-6.7	7.8 7.8-8.0	10.6 10.6-10.8
San Carlos Bay	327	4.8	4.1	3.7 3.7-3.8	5.3 5.3-5.5	6.5 6.5-6.8	7.7 7.7-8.0	10.4 10.4-10.9
San Carlos Bay	328	5.5	4.7	4.6 3.7-4.7	6.7 5.4-6.7	8.6 6.7-8.6	10.3 7.9-10.3	14.2 10.8-14.3

Table 16: Coastal Transect Parameters (continued)

Flood Source	Coastal Transect	Starting Wave Conditions for the 1% Annual Chance		Starting Stillwater Elevations (ft NAVD88) Range of Stillwater Elevations (ft NAVD88)				
		Significant Wave Height H_s (ft)	Peak Wave Period T_p (sec)	10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
San Carlos Bay	329	5.6	5.1	4.7 3.7-4.8	7.1 5.5-7.1	9.0 6.7-9.0	10.7 7.9-10.7	14.8 10.7-14.8
San Carlos Bay	330	5.9	5.2	4.8 3.8-4.8	7.2 5.3-7.3	9.1 6.6-9.2	10.9 8.1-10.9	15.1 11.5-15.1
San Carlos Bay	331	5.7	5.2	4.8 3.8-4.9	7.3 5.4-7.4	9.3 7.0-9.3	11.1 8.7-11.2	15.4 12.3-15.4
San Carlos Bay	332	5.9	5.2	4.8 3.8-4.8	7.2 6.5-7.3	9.3 8.2-9.3	11.2 9.6-11.2	15.5 13.4-15.5
San Carlos Bay	333	6.1	4.7	4.8 3.8-4.8	7.2 6.4-7.2	9.2 7.6-9.3	11.1 9.8-11.1	15.5 12.8-15.5
San Carlos Bay	334	5.4	3.8	4.7 3.6-4.7	7.1 6.0-7.1	9.1 7.5-9.1	10.9 8.7-10.9	15.1 12.3-15.1
San Carlos Bay	335	5.1	3.7	4.6 4.3-4.6	6.9 6.4-7.0	8.8 8.2-8.8	10.6 9.9-10.6	14.8 14.0-14.8
San Carlos Bay	336	4.3	3.3	4.5 4.4-4.5	6.8 6.6-6.8	8.7 8.3-8.7	10.5 10.0-10.5	14.7 14.3-14.7

Table 16: Coastal Transect Parameters (continued)

Flood Source	Coastal Transect	Starting Wave Conditions for the 1% Annual Chance		Starting Stillwater Elevations (ft NAVD88) Range of Stillwater Elevations (ft NAVD88)				
		Significant Wave Height H_s (ft)	Peak Wave Period T_p (sec)	10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
San Carlos Bay	337	4.1	3.8	4.5 4.5-4.6	6.8 6.8-6.9	8.7 8.7-8.8	10.4 10.4-10.6	14.6 14.6-14.7
San Carlos Bay	338	6.9	6.7	4.6 4.5-4.6	6.9 6.8-7.0	8.8 8.6-8.9	10.6 10.2-10.7	14.8 14.4-14.8
Gulf of America	339	6.8	6.7	4.6 4.5-4.7	7.0 6.7-7.0	8.9 8.6-9.0	10.7 10.3-10.8	14.9 14.5-15
Gulf of America	340	7.0	6.8	4.7 4.4-4.7	7.1 6.6-7.1	9.0 8.4-9.1	10.8 10.1-10.9	15.1 14.3-15.1
Gulf of America	341	7.0	6.8	4.7 4.3-4.8	7.1 6.3-7.2	9.1 8.1-9.2	11.0 9.9-11.0	15.3 14.1-15.3
Gulf of America	342	7.6	6.9	4.8 3.6-4.8	7.2 5.9-7.3	9.2 6.5-9.3	11.1 7.9-11.1	15.4 11.1-15.4
Gulf of America	343	7.8	6.9	4.8 3.7-4.8	7.2 6.2-7.3	9.2 6.5-9.3	11.1 9.1-11.2	15.4 12.2-15.4
Gulf of America	344	7.8	6.8	4.7 4.2-4.8	7.2 6.3-7.2	9.2 8.1-9.3	11.1 9.4-11.2	15.4 12.4-15.4

Table 16: Coastal Transect Parameters (continued)

Flood Source	Coastal Transect	Starting Wave Conditions for the 1% Annual Chance		Starting Stillwater Elevations (ft NAVD88) Range of Stillwater Elevations (ft NAVD88)				
		Significant Wave Height H_s (ft)	Peak Wave Period T_p (sec)	10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Gulf of America	345	7.7	6.9	4.7 4.3-4.7	7.1 6.3-7.2	9.2 7.9-9.2	11.1 9.6-11.1	15.4 13.9-15.4
Gulf of America	346	7.9	7.2	4.7 4.3-4.7	7.1 6.3-7.1	9.1 7.9-9.2	11.0 9.5-11.0	15.3 13.8-15.3
Gulf of America	347	7.8	7.3	4.7 4.3-4.8	7.1 6.3-7.2	9.1 7.9-9.2	11 9.6-11.1	15.3 13.9-15.3
Gulf of America	348	7.7	8.5	4.7 4.4-4.9	7 6.4-7.3	9.0 8.0-9.3	11 9.6-11.1	15.2 13.9-15.3
Gulf of America	349	7.4	8.8	4.7 4.4-4.9	7.1 6.3-7.3	9.0 7.9-9.3	10.9 9.6-11.1	15.1 13.8-15.2
Gulf of America	350	7.1	9.1	4.7 4.4-4.9	7.1 6.3-7.2	9.0 7.9-9.2	10.8 9.5-11.0	15.0 13.8-15.1
Gulf of America	351	6.9	8.9	4.7 4.3-4.8	7.0 6.3-7.3	9.0 7.9-9.3	10.9 9.6-11.2	15.0 13.8-15.3
Gulf of America	352	6.4	9.8	4.8 4.3-5.0	7.1 6.3-7.4	9.1 7.8-9.3	11.0 9.5-11.2	15.2 13.8-15.2

Table 16: Coastal Transect Parameters (continued)

Flood Source	Coastal Transect	Starting Wave Conditions for the 1% Annual Chance		Starting Stillwater Elevations (ft NAVD88) Range of Stillwater Elevations (ft NAVD88)				
		Significant Wave Height H_s (ft)	Peak Wave Period T_p (sec)	10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Gulf of America	353	6.2	9.2	4.5 4.3-4.7	6.8 6.3-7.0	8.7 7.9-8.8	10.5 9.5-10.6	14.7 13.8-14.7
Estero Bay	354	3.9	3.0	4.4 4.4-4.4	6.3 6.3-6.4	7.9 7.9-7.9	9.6 9.5-9.6	13.9 13.8-13.9
Estero Bay	355	3.3	2.9	4.4 4.4-4.9	6.4 6.3-7.4	8.0 7.9-9.3	9.7 9.6-11.1	14.0 13.8-15.3
Estero Bay	356	4.4	3.5	4.5 3.6-4.5	6.6 5.2-6.6	8.2 6.4-8.3	10.0 7.7-10.1	14.4 10.9-14.5
Estero Bay	357	4.5	3.7	4.6 4.2-4.6	6.7 6.4-6.7	8.3 7.9-8.4	10.1 9.6-10.2	14.6 13.3-14.7
Estero Bay	358	4.3	3.9	4.7 4.4-4.7	6.8 6.5-6.9	8.6 8.1-8.6	10.4 9.7-10.4	15.0 13.3-15
Estero Bay	359	4.3	4.0	4.7 4.5-4.7	6.9 6.6-6.9	8.6 8.2-8.6	10.5 9.4-10.5	15.0 12.3-15
Estero Bay	360	4.5	4.0	4.8 4.7-4.8	7.0 6.5-7.0	8.8 8.2-8.8	10.6 10.2-10.6	15.3 13.9-15.3

Table 16: Coastal Transect Parameters (continued)

Flood Source	Coastal Transect	Starting Wave Conditions for the 1% Annual Chance		Starting Stillwater Elevations (ft NAVD88) Range of Stillwater Elevations (ft NAVD88)				
		Significant Wave Height H_s (ft)	Peak Wave Period T_p (sec)	10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Estero Bay	361	4.5	3.9	4.8 4.6-4.8	7.0 6.9-7.1	8.8 8.5-8.8	10.6 10.4-10.6	15.3 14.5-15.3
Estero Bay	362	4.3	3.9	4.7 4.7-4.8	6.9 6.9-7.0	8.7 8.6-8.9	10.6 10.4-10.7	15.2 14.7-15.3
Estero Bay	363	4.5	3.9	4.7 4.7-4.7	6.8 6.8-7.0	8.5 8.5-8.9	10.3 10.3-10.8	14.9 14.7-15.2
Estero Bay	364	4.0	3.9	4.7 4.6-4.8	6.8 6.8-7.1	8.6 8.6-8.9	10.4 10.4-10.8	15.0 14.8-15.2
Estero Bay	365	4.6	3.9	4.6 4.6-4.7	6.7 6.7-6.9	8.4 8.4-8.7	10.2 10.2-10.8	14.8 14.7-15.2
Estero Bay	366	4.8	3.9	4.6 4.5-4.6	6.6 6.6-6.9	8.3 8.3-8.6	10.0 10.0-10.8	14.5 14.5-15.1
Estero Bay	367	4.6	3.8	4.6 4.6-4.6	6.6 6.6-6.7	8.3 8.3-8.4	10.1 10.1-10.3	14.7 14.4-15.1
Estero Bay	368	4.6	3.8	4.5 4.5-4.6	6.5 6.5-6.6	8.2 8.2-8.3	9.9 9.9-10.2	14.4 14.0-14.9

Table 16: Coastal Transect Parameters (continued)

Flood Source	Coastal Transect	Starting Wave Conditions for the 1% Annual Chance		Starting Stillwater Elevations (ft NAVD88) Range of Stillwater Elevations (ft NAVD88)				
		Significant Wave Height H_s (ft)	Peak Wave Period T_p (sec)	10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Estero Bay	369	4.7	3.8	4.5 4.5-4.5	6.5 6.5-6.6	8.1 8.1-8.3	9.8 9.8-10.1	14.3 13.7-14.7
Estero Bay	370	4.4	3.6	4.5 4.5-4.5	6.4 6.4-6.5	8.0 8.0-8.2	9.7 9.6-10.1	14.1 13.1-14.5
Estero Bay	371	4.2	3.5	4.4 4.4-4.5	6.4 6.4-6.5	7.9 7.9-8.2	9.7 9.2-10.0	14.0 13.1-14.1
Estero Bay	372	3.8	3.3	4.4 4.1-4.5	6.4 5.8-6.4	7.9 7.3-7.9	9.6 9.2-9.6	13.8 12.6-13.9
Estero Bay	373	3.3	3.0	4.3 4.3-4.4	6.2 6.1-6.5	7.7 7.6-8.4	9.3 9.2-10.3	13.5 13.3-14.3
Estero Bay	374	3.9	3.2	4.4 4.4-4.9	6.3 6.3-7.1	7.8 7.8-8.9	9.5 9.5-10.7	13.8 13.8-14.8
Estero Bay	375	3.8	3.3	4.4 4.4-4.7	6.4 6.4-7.0	8.0 8.0-9.0	9.8 9.7-10.7	14.2 14.1-14.8
Gulf of America	376	7.5	8.7	4.7 4.3-4.8	6.9 6.3-7.0	8.8 7.8-8.8	10.5 9.5-10.6	14.5 13.8-14.5

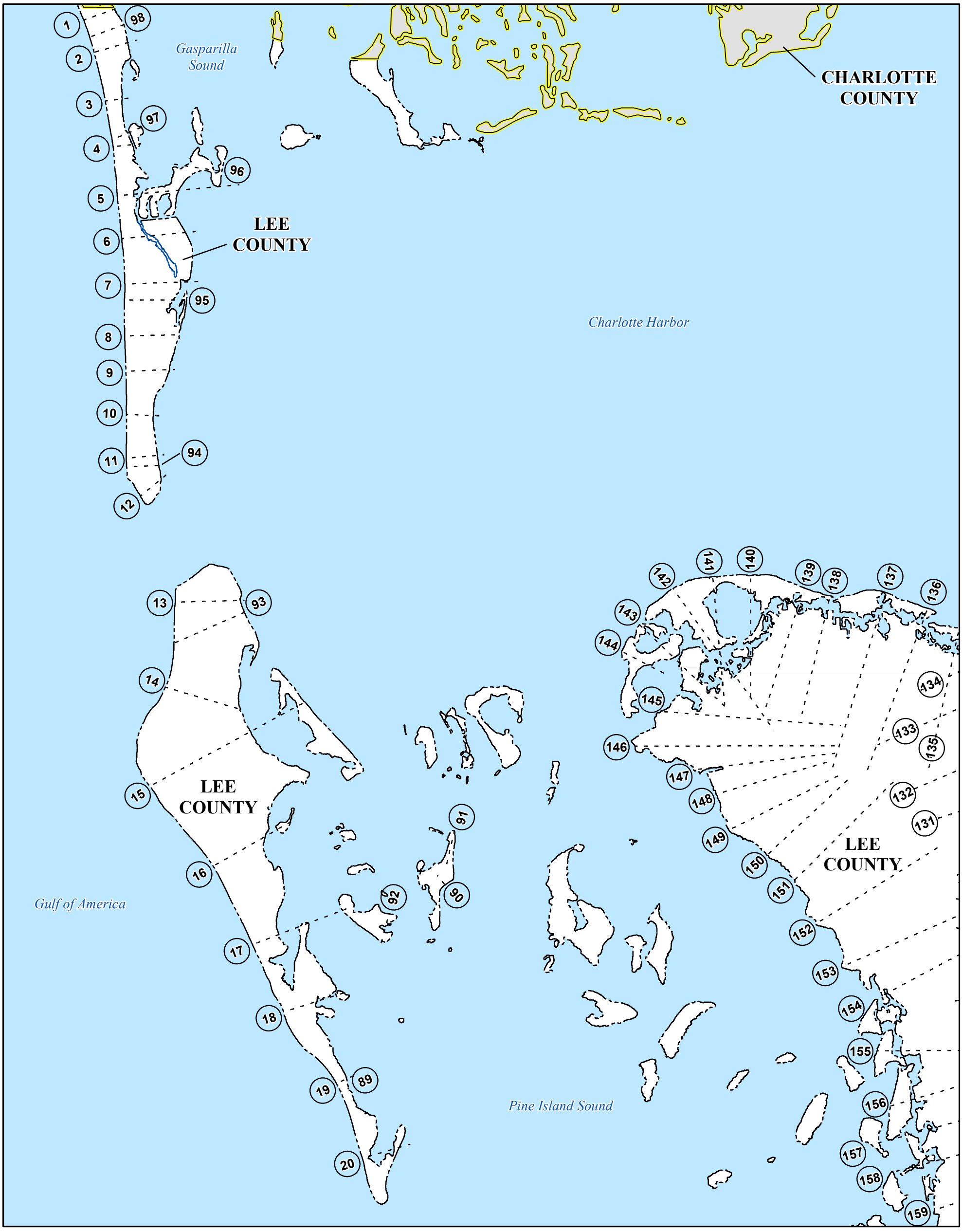
Table 16: Coastal Transect Parameters (continued)

Flood Source	Coastal Transect	Starting Wave Conditions for the 1% Annual Chance		Starting Stillwater Elevations (ft NAVD88) Range of Stillwater Elevations (ft NAVD88)				
		Significant Wave Height H_s (ft)	Peak Wave Period T_p (sec)	10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Gulf of America	377	8.9	8.6	4.6 4.3-4.6	6.7 6.3-6.8	8.6 7.8-8.7	10.4 9.4-10.5	14.4 13.7-14.5
Gulf of America	378	6.5	8.7	4.7 4.4-4.7	6.9 6.4-6.9	8.9 8.0-8.9	10.7 9.7-10.7	14.8 14.0-14.8
Gulf of America	379	7.7	9.0	4.7 4.4-4.7	7.0 6.4-7.0	8.9 7.9-8.9	10.7 9.6-10.7	14.8 14.0-14.8
Gulf of America	380	8.9	8.3	4.6 4.3-4.6	6.8 6.1-6.8	8.6 7.6-8.7	10.4 9.2-10.6	14.4 13.5-14.6
Gulf of America	381	8.8	8.4	4.6 4.3-4.6	6.8 6.1-6.8	8.6 7.6-8.6	10.4 9.2-10.4	14.4 13.4-14.4
Gulf of America	382	9.1	8.5	4.4 4.3-4.4	6.5 6.1-6.5	8.5 7.6-8.5	10.4 9.2-10.4	14.3 13.3-14.4
Gulf of America	383	8.9	8.9	4.4 4.2-4.4	6.4 5.9-6.4	8.4 7.3-8.4	10.3 9.1-10.3	14.3 12.5-14.3
Gulf of America	384	9.0	9.2	4.5 4.2-4.5	6.6 6.0-6.6	8.5 7.4-8.5	10.3 9.0-10.3	14.3 12.7-14.3

Table 16: Coastal Transect Parameters (continued)

Flood Source	Coastal Transect	Starting Wave Conditions for the 1% Annual Chance		Starting Stillwater Elevations (ft NAVD88) Range of Stillwater Elevations (ft NAVD88)				
		Significant Wave Height H_s (ft)	Peak Wave Period T_p (sec)	10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Gulf of America	385	9.2	9.1	4.5 4.2-4.4	6.7 6.0-6.3	8.5 7.5-7.8	10.3 9.1-9.4	14.3 12.7-13.8
Gulf of America	386	9.3	9.1	4.5 4.2-4.3	6.6 6.0-6.2	8.4 7.7-7.7	10.2 9.2-9.4	14.2 12.6-13.8
Gulf of America	387	9.2	9.2	4.4 4.2-4.2	6.6 6.0-6.0	8.3 7.7-7.7	10.1 9.3-9.4	14.1 12.5-13.9
Gulf of America	388	9.3	9.3	4.4 4.1-4.4	6.6 6.0-6.6	8.3 7.4-8.3	10.0 9.2-10.0	14.0 12.5-13.3
Gulf of America	389	9.1	9.4	4.5 4.1-4.5	6.6 5.9-6.6	8.3 7.3-8.3	10.1 9.0-10.1	14.2 12.5-12.5

Figure 9: Transect Location Map

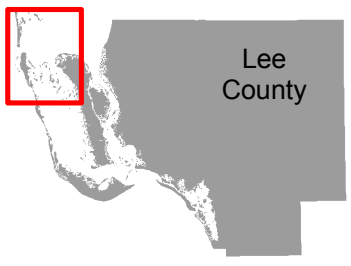


1 in = 1 miles 1:60,000

0 0.45 0.9 1.8 Miles

Map Projection:
State Plane Florida West (FIPS Zone 0902) Coordinate System, North American Datum 1983.

COUNTY LOCATOR



NATIONAL FLOOD INSURANCE PROGRAM

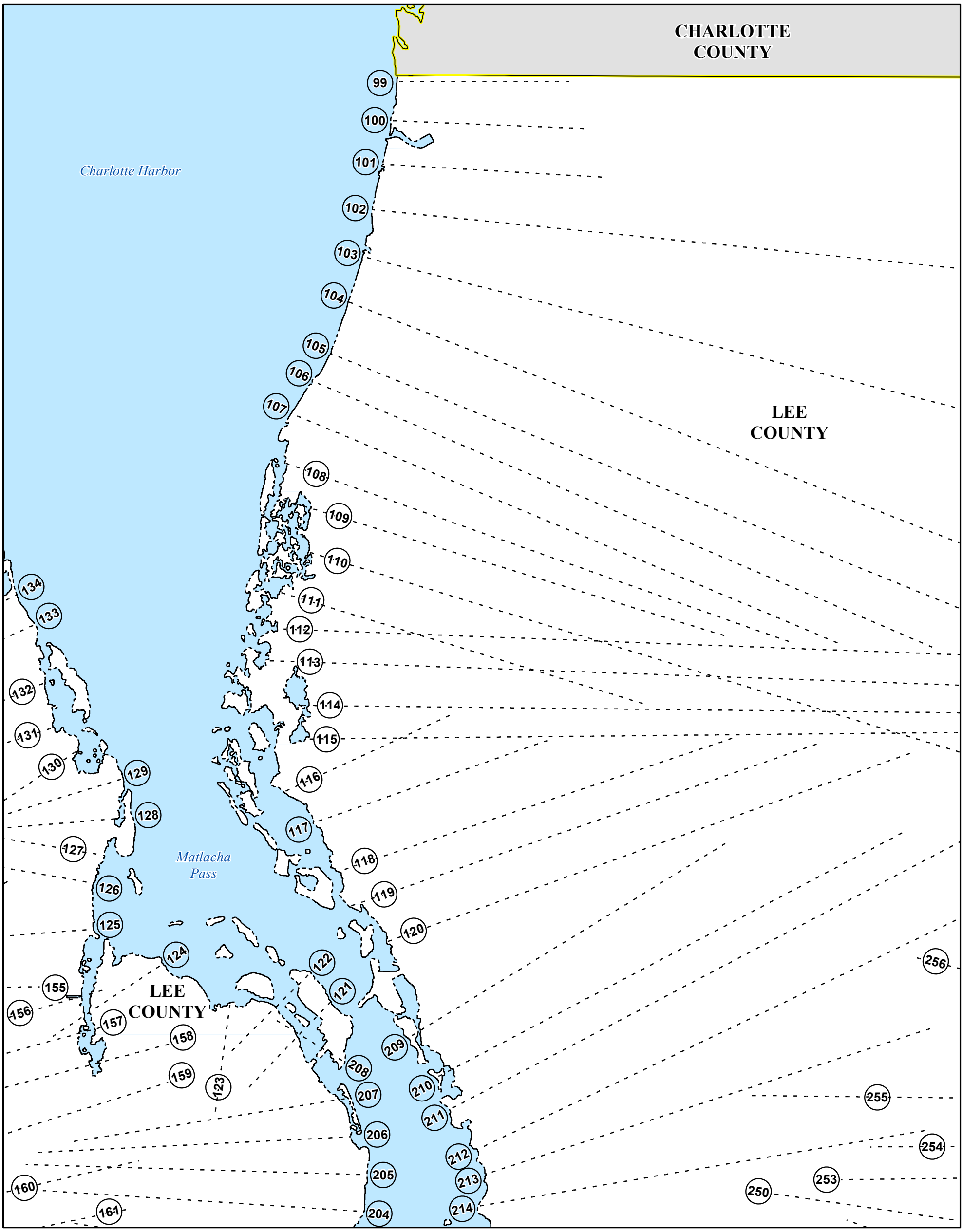
Figure 9. Transect Locator Map

PANELS WITH TRANSECTS

0017, 0019, 0038, 0182, 0184, 0192, 0203, 0210, 0211, 0213, 0215, 0220, 0351, 0352, 0360

FEMA

Figure 9: Transect Location Map (continued)



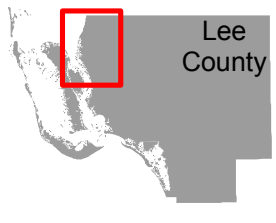
N

1 in = 1 miles 1:60,000

0 0.45 0.9 1.8 Miles

Map Projection:
State Plane Florida West (FIPS Zone 0902) Coordinate System, North American Datum 1983.

COUNTY LOCATOR



NATIONAL FLOOD INSURANCE PROGRAM

Figure 9. Transect Locator Map

PANELS WITH TRANSECTS

0065, 0070, 0230, 0231, 0232, 0233, 0234, 0240, 0241, 0242, 0243, 0244, 0251, 0253, 0261, 0263, 0380, 0381, 0382, 0401

FEMA

Figure 9: Transect Location Map (continued)

CHARLOTTE COUNTY

LEE COUNTY

Daughtrey Creek

East Branch Daughtrey Creek

Bayshore Creek

Marsh Point Creek

East Branch Yellow Fever Creek

Chapel Branch Creek

Hancock Creek

Caloosahatchee River

Billy Creek

Manuels Branch

Ford Street Canal

North Colonial Waterway

LEE COUNTY

102 103 104 105 112 113 114 115 110 211 212 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295

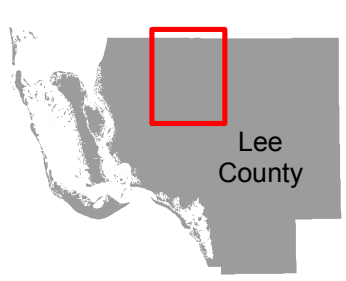
N

1 in = 1 miles 1:60,000

0 0.45 0.9 1.8 Miles

Map Projection:
State Plane Florida West (FIPS Zone 0902) Coordinate System, North American Datum 1983.

COUNTY LOCATOR



NATIONAL FLOOD INSURANCE PROGRAM

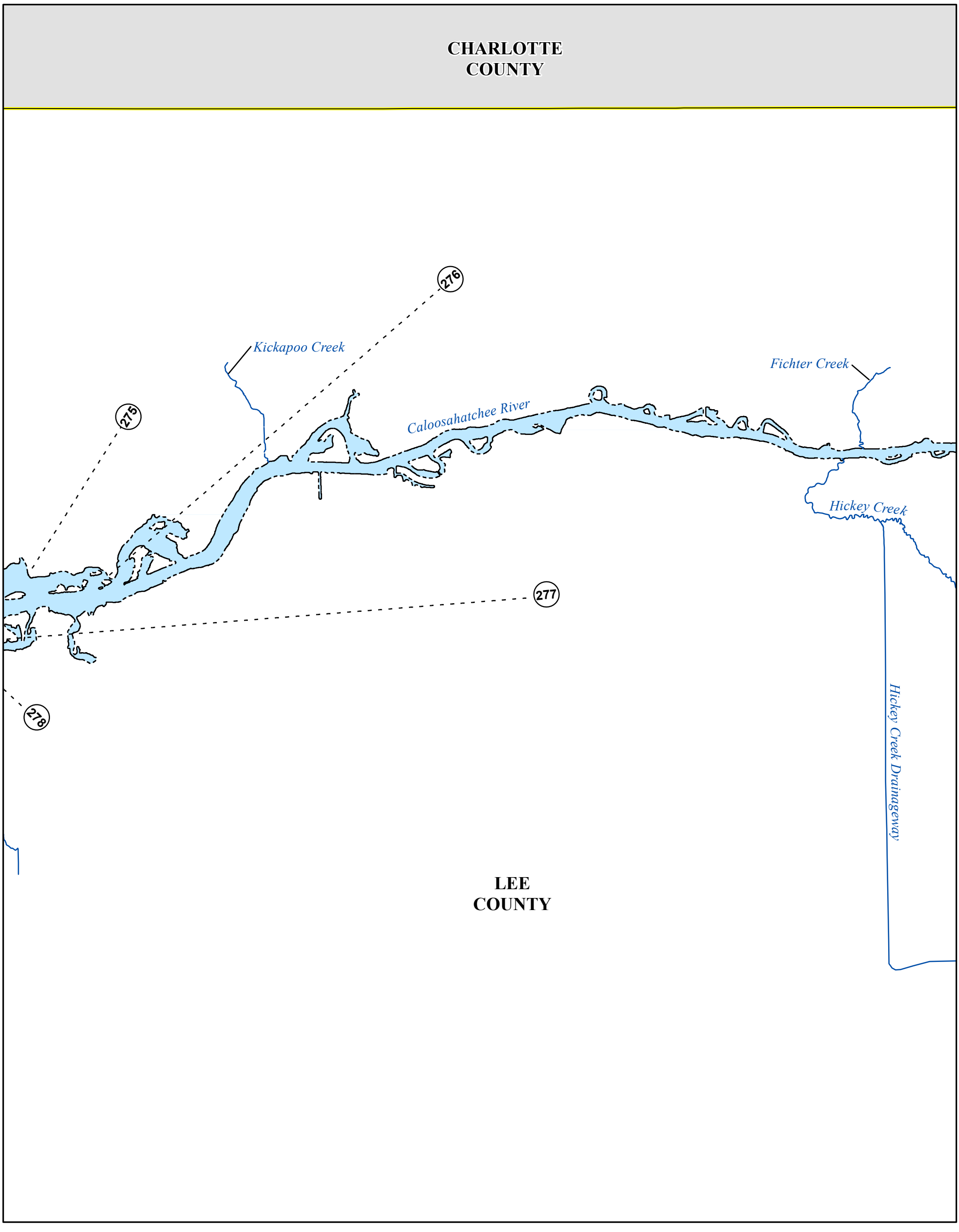
Figure 9. Transect Locator Map

PANELS WITH TRANSECTS

0252, 0254, 0258, 0259, 0260, 0262, 0264, 0266, 0267, 0268, 0269, 0276, 0277, 0278, 0279, 0281, 0283, 0286, 0287, 0288, 0289, 0291, 0295, 0402, 0406, 0407, 0426, 0427, 0431

FEMA

Figure 9: Transect Location Map (continued)



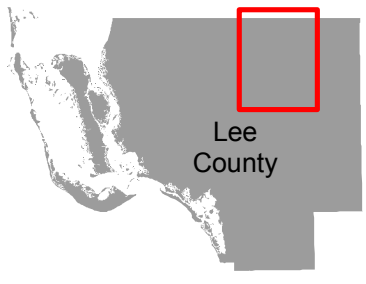
N

1 in = 1 miles 1:60,000

0 0.45 0.9 1.8 Miles

Map Projection:
State Plane Florida West (FIPS Zone 0902) Coordinate System, North American Datum 1983.

COUNTY LOCATOR



NATIONAL FLOOD INSURANCE PROGRAM

Figure 9. Transect Locator Map

PANELS WITH TRANSECTS

0281, 0282, 0283, 0284, 0291, 0301, 0303

FEMA

Figure 9: Transect Location Map (continued)

LEE COUNTY

LEE COUNTY

LEE COUNTY

LEE COUNTY

LEE COUNTY

Pine Island Sound

Gulf of America

21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 81 82 83 84 85 86 87 88 160 161 162 175

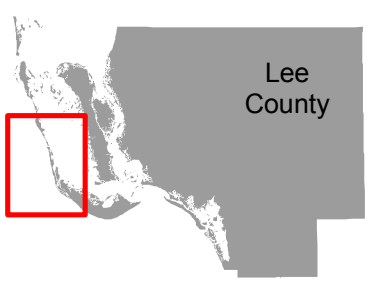
N

1 in = 1 miles 1:60,000

0 0.45 0.9 1.8 Miles

Map Projection:
State Plane Florida West (FIPS Zone 0902) Coordinate System, North American Datum 1983.

COUNTY LOCATOR



NATIONAL FLOOD INSURANCE PROGRAM

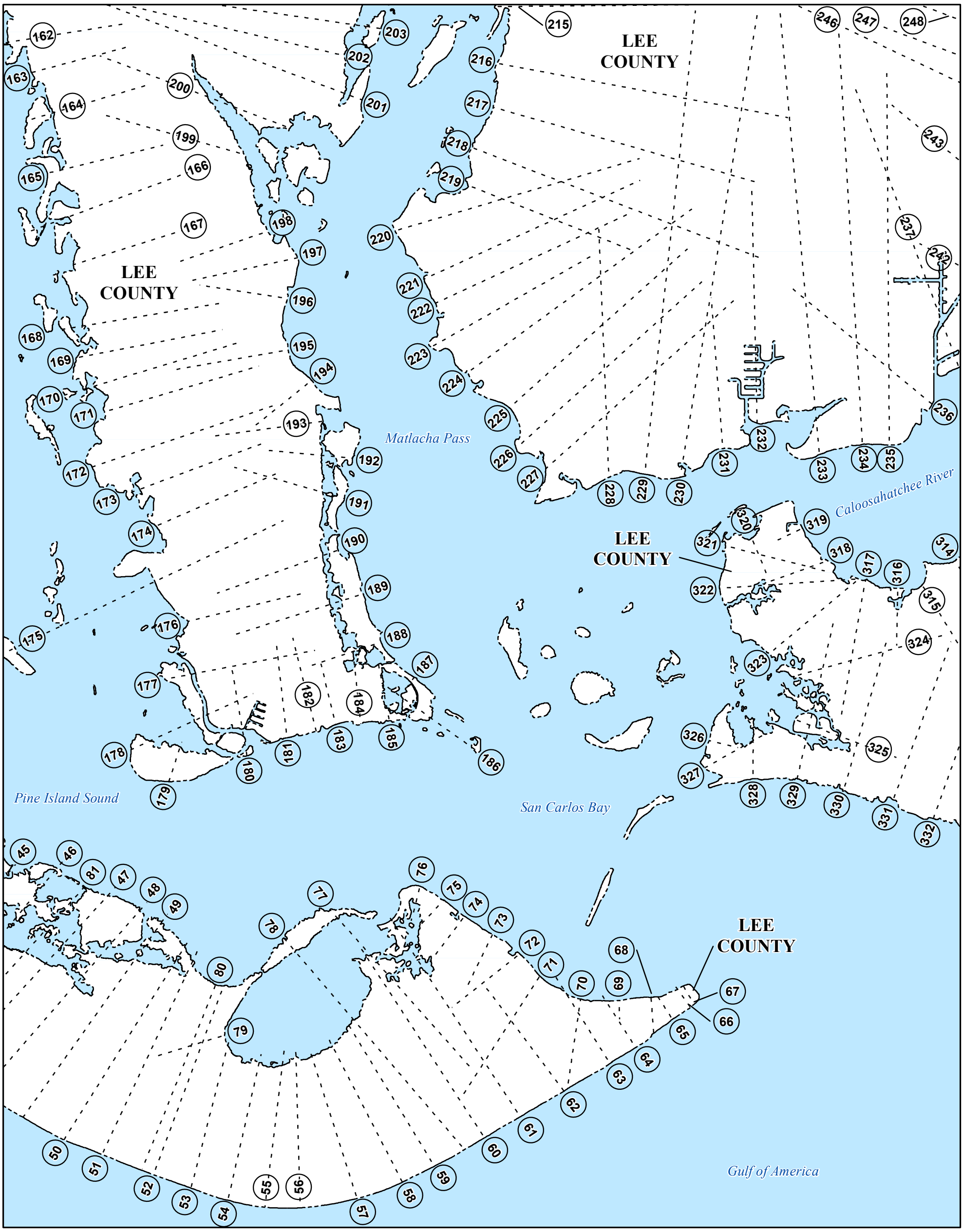
Figure 9. Transect Locator Map

PANELS WITH TRANSECTS

0351, 0352, 0353, 0354, 0360, 0362, 0364, 0370, 0502, 0506, 0507, 0508, 0509, 0517

FEMA

Figure 9: Transect Location Map (continued)



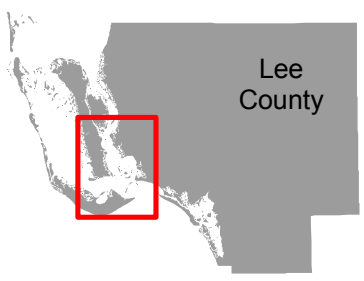
N

1 in = 1 miles 1:60,000

0 0.45 0.9 1.8 Miles

Map Projection:
State Plane Florida West (FIPS Zone 0902) Coordinate System, North American Datum 1983.

COUNTY LOCATOR



NATIONAL FLOOD INSURANCE PROGRAM

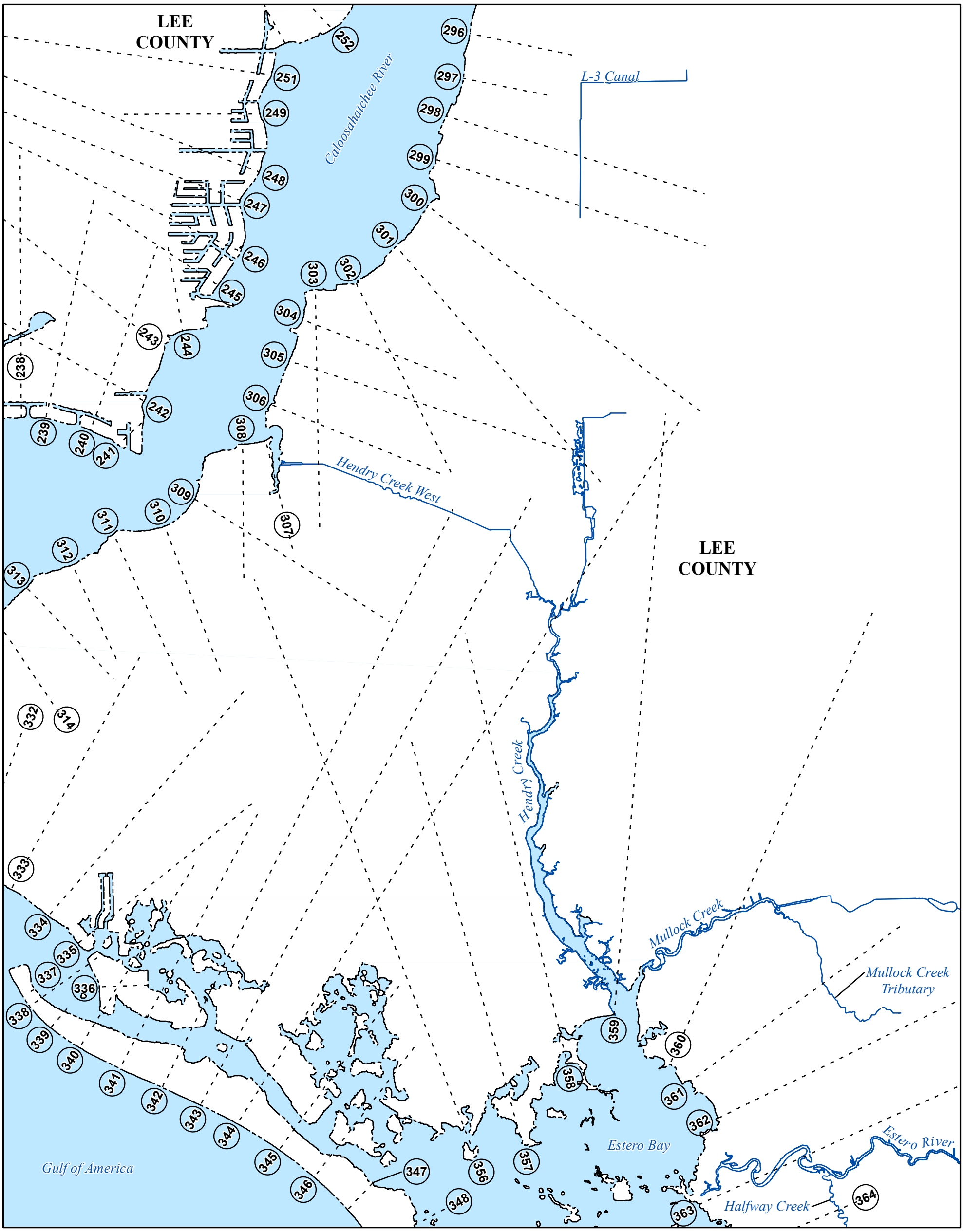
Figure 9. Transect Locator Map

PANELS WITH TRANSECTS

0360, 0370, 0380, 0381, 0382, 0383, 0384, 0390, 0392, 0395, 0401, 0403, 0411, 0507, 0509, 0530, 0531, 0532, 0533, 0534, 0536, 0537, 0541, 0551

FEMA

Figure 9: Transect Location Map (continued)



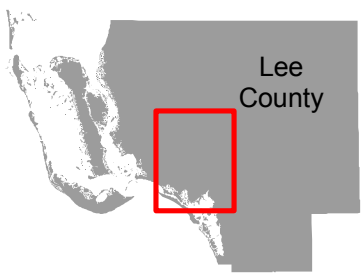
N

1 in = 1 miles 1:60,000

0 0.45 0.9 1.8 Miles

Map Projection:
State Plane Florida West (FIPS Zone 0902) Coordinate System, North American Datum 1983.

COUNTY LOCATOR



NATIONAL FLOOD INSURANCE PROGRAM

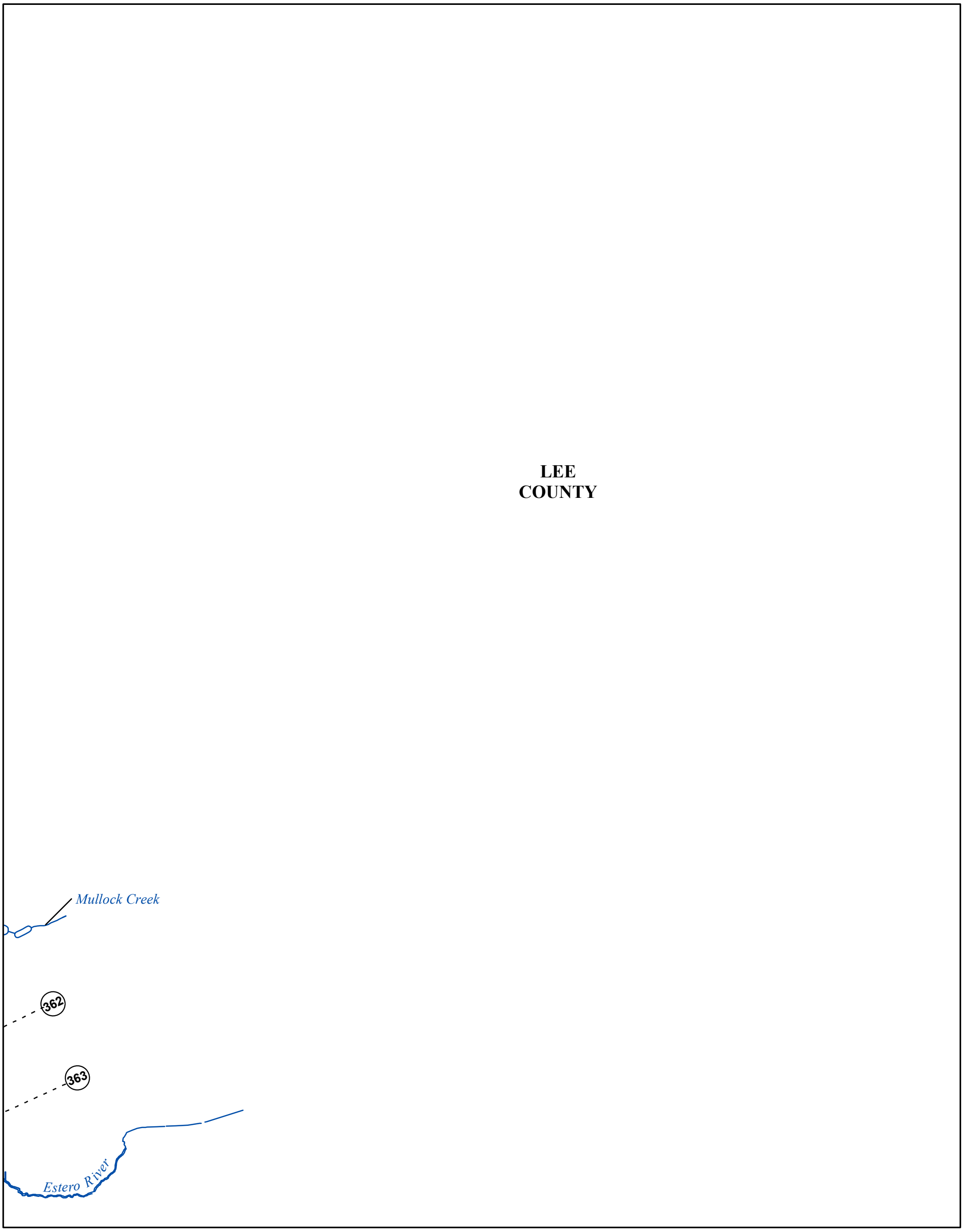
Figure 9. Transect Locator Map

PANELS WITH TRANSECTS

0401, 0402, 0403, 0404, 0406, 0407, 0408, 0409, 0411, 0412, 0413, 0414, 0416, 0417, 0418, 0419, 0428, 0436, 0438, 0439, 0551, 0552, 0554, 0556, 0557, 0558, 0559, 0566, 0567, 0576, 0577, 0578, 0579, 0586, 0587

FEMA

Figure 9: Transect Location Map (continued)



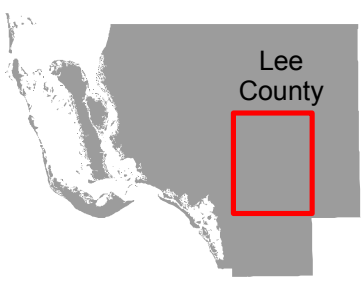
N

1 in = 1 miles 1:60,000

0 0.45 0.9 1.8 Miles

Map Projection:
State Plane Florida West (FIPS Zone 0902) Coordinate System, North American Datum 1983.

COUNTY LOCATOR



NATIONAL FLOOD INSURANCE PROGRAM

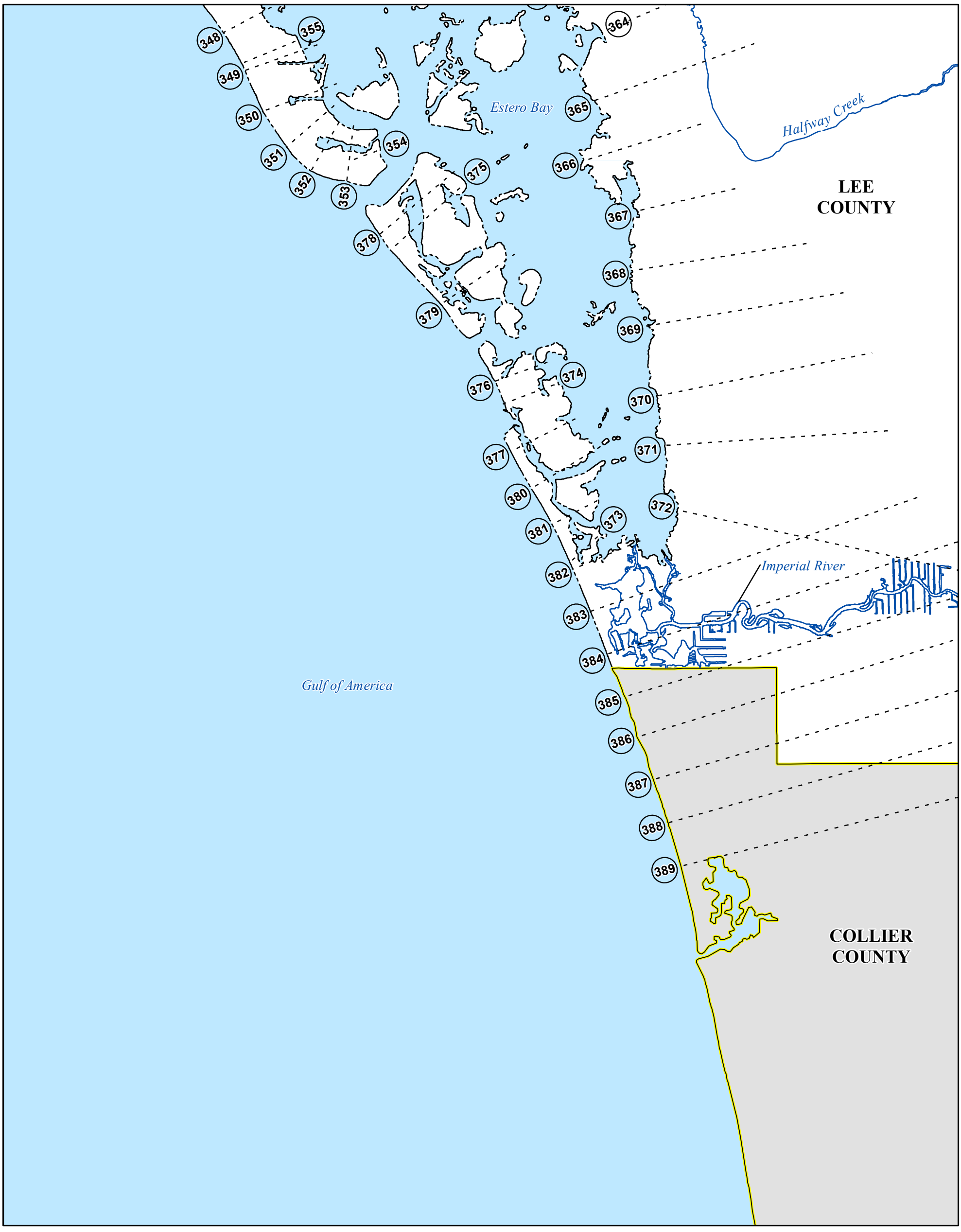
Figure 9. Transect Locator Map

PANELS WITH TRANSECTS

0579, 0583

FEMA

Figure 9: Transect Location Map (continued)



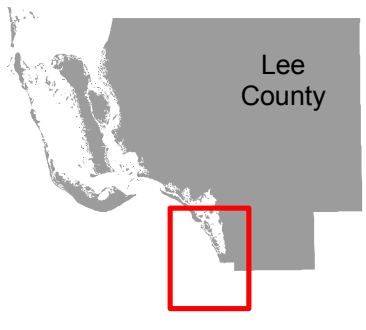
N

1 in = 1 miles 1:60,000

0 0.45 0.9 1.8 Miles

Map Projection:
State Plane Florida West (FIPS Zone 0902) Coordinate System, North American Datum 1983.

COUNTY LOCATOR



NATIONAL FLOOD INSURANCE PROGRAM

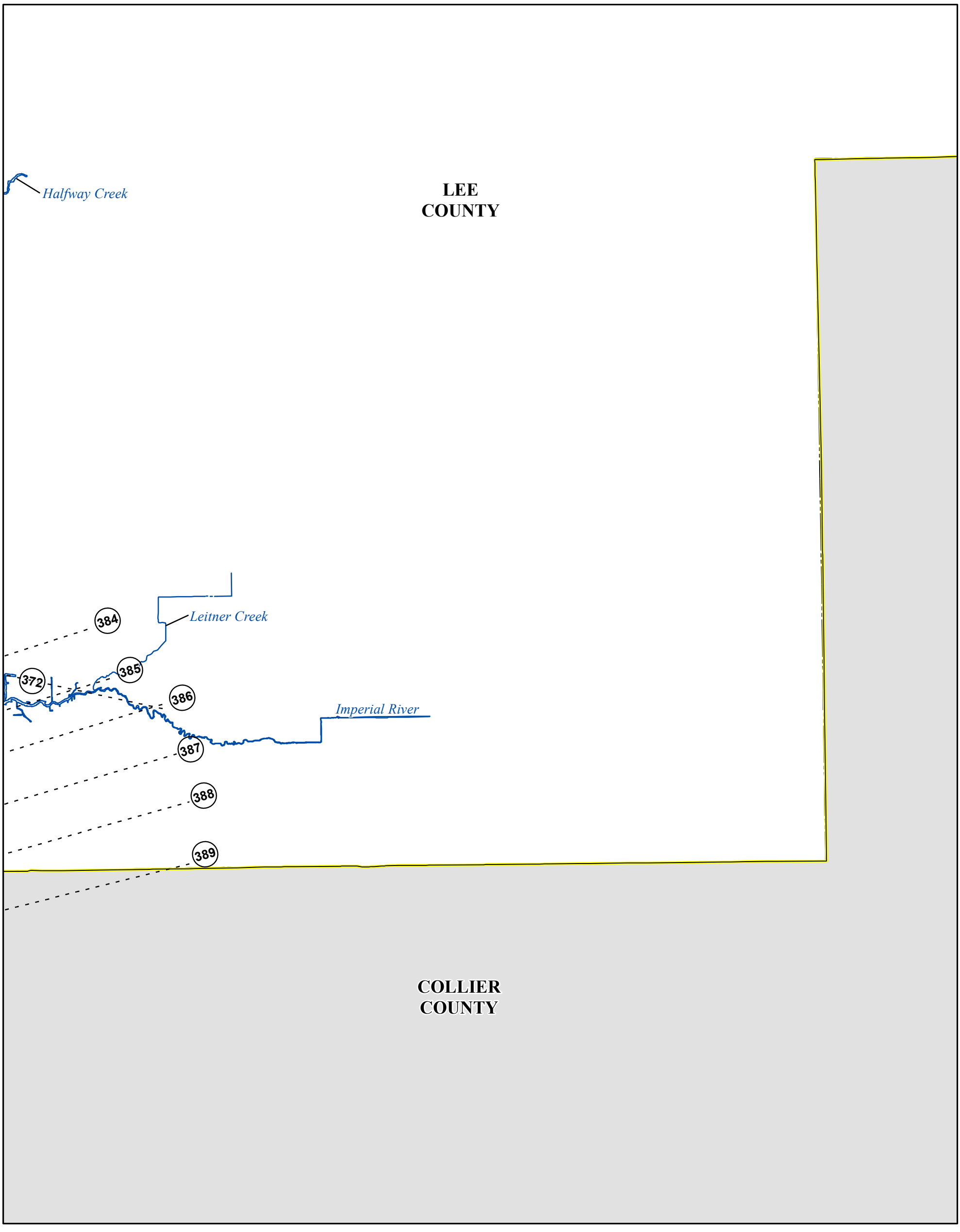
Figure 9. Transect Locator Map

PANELS WITH TRANSECTS

0566, 0567, 0569, 0586, 0587, 0588, 0589, 0593, 0651, 0652, 0653, 0654, 0656, 0658

FEMA

Figure 9: Transect Location Map (continued)



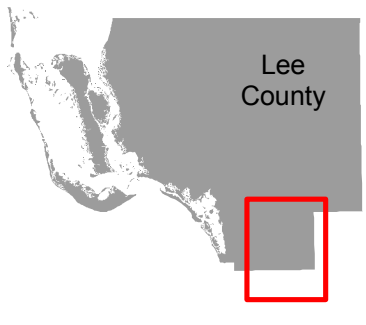
N

1 in = 1 miles 1:60,000

0 0.45 0.9 1.8 Miles

Map Projection:
State Plane Florida West (FIPS Zone 0902) Coordinate System, North American Datum 1983.

COUNTY LOCATOR



NATIONAL FLOOD INSURANCE PROGRAM

Figure 9. Transect Locator Map

PANELS WITH TRANSECTS

0656, 0657, 0658, 0659

FEMA

5.4 Alluvial Fan Analyses

This section is not applicable to this Flood Risk Project.

Table 17: Summary of Alluvial Fan Analyses

[Not Applicable to this Flood Risk Project]

Table 18: 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 visit the NGS website at www.ngs.noaa.gov.

A countywide conversion factor of -1.18 feet was calculated for the previous Lee County FIS (FEMA 2018).

Table 19: Countywide Vertical Datum Conversion

[Not Applicable to this Flood Risk Project]

Table 20: Stream-Based 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/flood-maps/guidance-partners/guidelines-standards.

Base map information shown on the FIRM was derived from the sources described in Table 21.

Table 21: Base Map Sources

Data Type	Data Provider	Data Date	Data Scale	Data Description
Charlotte County Orthoimagery	Florida Department of Transportation	10/03/2017	1:1,200	S_BASE_INDEX. Base map orthoimagery for Charlotte County. (FDOT 2017)
City Limits	Lee County	06/05/2018	N/A	S_POL_AR. Lee County municipalities. (LeeCounty 2018_2)
Collier County Orthoimagery	Florida Department of Transportation	08/08/2018	1:1,200	S_BASE_INDEX. Base map orthoimagery for Collier County. (FDOT 2018)
County Background	Lee County	05/21/2018	N/A	S_POL_AR, S_WTR_AR. Lee County boundary and water bodies. (LeeCounty 2018_5)
Florida Public Land Survey System - Section Level - Statewide	Florida Resources and Environmental Analysis Center	2003	N/A	Plss_Ar (FREAC 2005)
Lee County 2018 Color Aerials	Lee County	03/01/2018	1:800	S_BASE_INDEX. Base map orthoimagery for Lee County. (LeeCounty 2018_1)
National Agriculture Inventory Program Orthoimagery, Lee County	United States Department of Agriculture	01/28/2018	1:2,400	S_BASE_INDEX. Base map orthoimagery for open water areas in Lee County. (USDA-FSA-APFO 2018)
National Hydrography Dataset	USDA Natural Resources Conservation Service	08/27/2020	1:24,000	Wtr_Ln. Hydrology (USDA 2020)

Table 21: Base Map Sources (continued)

Data Type	Data Provider	Data Date	Data Scale	Data Description
RAIL NETWORK IN FLORIDA - 2017	U.S. Department of Transportation, Bureau of Transportation Statistics, Federal Railroad Administration	05/09/2017	1:24,000	S_TRNSPORT_LN. Railroads in Lee County. (USDOT 2017)
Roads	Lee County	02/06/2018	N/A	S_TRNSPORT_LN. Roads in Lee County. (LeeCounty 2018_4)
Section-Township-Range	Lee County	05/17/2018	N/A	S_PLSS_AR. Section, township and range lines representing the Public Land Survey System grid in Lee County. (LeeCounty 2018_3)
Watershed Boundary Dataset HUC8	United States Geological Survey	06/21/2018	1:24,000	S_SUBBASINS. Spatial and attribute information for HUC8 subbasins. (USGS 2018)

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 22. For each coastal flooding source studied as part of this FIS Report, the mapped floodplain boundaries on the FIRM have been delineated using the flood and wave elevations determined at each transect; between transects, boundaries were delineated using land use and land cover data, the topographic elevation data described in Table 22, and knowledge of coastal flood processes. In ponding areas, flood elevations were determined at each junction of the model; between junctions, boundaries were interpolated using the topographic elevation data described in Table 22.

In cases where the 1-percent and 0.2-percent-annual-chance floodplain boundaries are close together, only the 1-percent-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 23, “Floodway Data.”

Table 22: Summary of Topographic Elevation Data used in Mapping

Community	Flooding Source	Source for Topographic Elevation Data			
		Description	Vertical Accuracy	Horizontal Accuracy	Citation
Bonita Springs, City of; Fort Myers Beach, Town of; Lee County, Unincorporated Areas; Sanibel, City of	Gulf of America	Light Detection and Ranging data (LiDAR)	9.5cm $RMSE_Z$	1 meter at 95% confidence level	USACE 2015
Bonita Springs, City of; Cape Coral, City of; Estero, Village of; Fort Myers, City of; Lee County, Unincorporated Areas; Sanibel, City of	All within HUCs 03090204, 03090205, 03100103; Mullock Creek and Mullock Creek Tributary	Light Detection and Ranging data (LiDAR)	0.43 ft $RMSE_Z$	3.8 foot at 95% confidence level	FDEM 2007

BFEs shown at cross sections on the FIRM represent the 1-percent-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.