

Inundation Summary for Indicator Regions

Indicator Region Number/Name (NSM Avg Elev,WMM Avg Elev)	NSM462	alt4	alt1a	alt1b	alt2a	alt2b
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100 WCA-1 North (16.97,16.05)						
Number of Inundation Events	15	28	27	27	28	27
Avg. Inundation Duration (wks/event)	118	57	60	60	58	59
Inundation (Percent of POR)	94	86	87	87	87	86
101 WCA-1 Central (15.97,15.28)						
Number of Inundation Events	17	8	8	8	8	9
Avg. Inundation Duration (wks/event)	100	226	228	227	229	200
Inundation (Percent of POR)	91	97	97	97	98	96
102 WCA-1 South (15.02,14.54)						
Number of Inundation Events	18	3	2	2	3	3
Avg. Inundation Duration (wks/event)	91	622	935	935	623	620
Inundation (Percent of POR)	88	100	100	100	100	99
110 WCA-2A North (13.18,12.08)						
Number of Inundation Events	24	19	18	18	19	18
Avg. Inundation Duration (wks/event)	66	87	92	92	87	92
Inundation (Percent of POR)	84	88	89	89	89	88
111 WCA-2A South (11.35,10.95)						
Number of Inundation Events	13	15	15	15	15	15
Avg. Inundation Duration (wks/event)	131	114	115	114	114	113
Inundation (Percent of POR)	91	91	92	91	91	91
112 WCA-2B North ( 9.47, 8.67)						
Number of Inundation Events	16	15	14	14	15	15
Avg. Inundation Duration (wks/event)	107	112	121	121	112	111
Inundation (Percent of POR)	91	89	90	90	89	89
113 WCA-2B South ( 8.87, 7.60)						
Number of Inundation Events	16	10	10	10	10	11
Avg. Inundation Duration (wks/event)	107	165	166	166	166	149
Inundation (Percent of POR)	92	88	89	89	88	88
114 WCA-3A NW Corner (12.77,10.58)						
Number of Inundation Events	12	22	20	20	21	20
Avg. Inundation Duration (wks/event)	146	74	82	82	77	81
Inundation (Percent of POR)	94	87	88	87	86	86
115 WCA-3A North (12.58,10.00)						
Number of Inundation Events	14	14	14	14	14	14
Avg. Inundation Duration (wks/event)	122	122	123	123	121	121
Inundation (Percent of POR)	92	91	92	92	90	90
116 WCA-3A NE (12.26, 9.42)						

Number of Inundation Events	19	13	13	13	13	13
AVG. Inundation Duration (wks/event)	86	133	134	134	133	132
Inundation (Percent of POR)	87	92	93	93	92	92

117 WCA-3A NW (11.74, 9.58)

Number of Inundation Events	10	12	11	11	12	12
AVG. Inundation Duration (wks/event)	179	147	161	161	147	147
Inundation (Percent of POR)	96	94	95	95	94	94

118 WCA-3A Alley North (11.12, 8.74)

Number of Inundation Events	14	14	14	14	14	14
AVG. Inundation Duration (wks/event)	122	122	122	122	122	121
Inundation (Percent of POR)	91	91	92	91	91	91

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119 WCA-3A East (10.15, 7.53)

Number of Inundation Events	14	7	6	6	7	7
AVG. Inundation Duration (wks/event)	122	260	305	304	260	260
Inundation (Percent of POR)	91	97	98	97	97	97

120 WCA-3A West (10.60, 9.71)

Number of Inundation Events	10	15	15	15	14	15
AVG. Inundation Duration (wks/event)	174	115	115	115	123	114
Inundation (Percent of POR)	93	92	92	92	92	92

121 WCA-3A North Central (10.08, 8.87)

Number of Inundation Events	14	10	10	10	11	11
AVG. Inundation Duration (wks/event)	124	177	177	177	161	160
Inundation (Percent of POR)	92	95	95	95	95	94

122 WCA-3A Gap ( 9.94, 9.28)

Number of Inundation Events	12	16	16	16	16	16
AVG. Inundation Duration (wks/event)	145	108	108	108	108	108
Inundation (Percent of POR)	93	92	92	92	92	92

123 WCA-3A South Central ( 8.90, 8.35)

Number of Inundation Events	16	9	9	10	10	11
AVG. Inundation Duration (wks/event)	106	196	196	176	176	159
Inundation (Percent of POR)	90	94	94	94	94	93

124 WCA-3A South ( 7.84, 7.73)

Number of Inundation Events	14	10	9	9	10	9
AVG. Inundation Duration (wks/event)	124	182	203	203	183	203
Inundation (Percent of POR)	93	97	98	97	97	97

125 WCA-3B North	( 8.46, 6.41)
Number of Inundation Events	18
AVg. Inundation Duration (wks/event)	91
Inundation (Percent of POR)	87
126 WCA-3B West	( 6.85, 6.30)
Number of Inundation Events	10
AVg. Inundation Duration (wks/event)	180
Inundation (Percent of POR)	96
127 Pennsuco Wetlands	( 6.82, 5.62)
Number of Inundation Events	7
AVg. Inundation Duration (wks/event)	260
Inundation (Percent of POR)	97
128 WCA-3B East	( 6.77, 6.01)
Number of Inundation Events	8
AVg. Inundation Duration (wks/event)	226
Inundation (Percent of POR)	96
129 NE Shark Slough	( 5.91, 5.91)
Number of Inundation Events	3
AVg. Inundation Duration (wks/event)	617
Inundation (Percent of POR)	99
130 Mid Shark Slough	( 5.23, 5.23)
Number of Inundation Events	5
AVg. Inundation Duration (wks/event)	356
Inundation (Percent of POR)	95

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131 SW Shark Slough		( 3.26, 3.26)					
Number of Inundation Events	8	19	19	19	19	19	19
AVg. Inundation Duration (wks/event)	218	85	85	85	85	85	85
Inundation (Percent of POR)	93	86	86	86	86	86	86
132 South Shark Slough		( 0.82, 0.82)					
Number of Inundation Events	10	24	24	24	24	24	24
AVg. Inundation Duration (wks/event)	174	65	66	65	66	65	65
Inundation (Percent of POR)	93	84	84	84	84	84	84
133 Taylor Slough		( 1.32, 1.32)					
Number of Inundation Events	25	34	35	34	34	35	35
AVg. Inundation Duration (wks/event)	54	37	36	37	37	36	36
Inundation (Percent of POR)	72	67	67	67	67	67	67

140	Lostman's Slough	( 6.59, 6.59)					
Number of Inundation Events	29	38	38	38	38	38	
Avg. Inundation Duration (wks/event)	48	30	30	30	30	30	
Inundation (Percent of POR)	74	61	61	61	61	61	
141	Ochopee Marl Marsh	( 4.76, 4.76)					
Number of Inundation Events	18	29	30	29	29	30	
Avg. Inundation Duration (wks/event)	87	43	41	43	42	41	
Inundation (Percent of POR)	84	66	66	66	66	66	
142	Rocky Glades	( 6.32, 6.32)					
Number of Inundation Events	20	30	28	28	29	32	
Avg. Inundation Duration (wks/event)	75	40	43	43	41	37	
Inundation (Percent of POR)	80	64	64	64	64	63	
143	West Perrine Marl Marsh	( 2.80, 2.80)					
Number of Inundation Events	29	29	29	29	29	29	
Avg. Inundation Duration (wks/event)	13	12	12	12	12	12	
Inundation (Percent of POR)	21	19	19	19	19	19	
144	Craighead Basin	( 1.21, 1.21)					
Number of Inundation Events	31	34	34	34	34	34	
Avg. Inundation Duration (wks/event)	28	23	23	23	23	23	
Inundation (Percent of POR)	47	42	42	42	42	42	
145	East Perrine Marl Marsh	( 1.89, 1.89)					
Number of Inundation Events	36	40	40	40	40	40	
Avg. Inundation Duration (wks/event)	27	17	17	17	17	17	
Inundation (Percent of POR)	51	35	36	36	36	36	
146	Model Lands Marl Marsh	( 2.00, 2.00)					
Number of Inundation Events	41	46	46	46	46	46	
Avg. Inundation Duration (wks/event)	25	12	12	12	12	12	
Inundation (Percent of POR)	56	28	28	28	28	28	
147	Rocky Glades East	( 6.34, 6.34)					
Number of Inundation Events	21	30	31	31	31	33	
Avg. Inundation Duration (wks/event)	70	39	38	38	38	35	
Inundation (Percent of POR)	79	63	63	63	62	61	
148	Rocky Glades West	( 6.30, 6.30)					
Number of Inundation Events	19	28	28	28	28	29	
Avg. Inundation Duration (wks/event)	82	44	44	44	44	42	
Inundation (Percent of POR)	83	66	67	66	66	66	

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150	Corbett West	(22.31, 21.74)					
Number of Inundation Events	37	32	32	31	30	31	
AVg. Inundation Duration (wks/event)	30	4	4	4	4	4	
Inundation (Percent of POR)	59	7	8	7	7	7	
151	Corbett East	(22.80, 22.80)					
Number of Inundation Events	58	11	11	11	11	12	
AVg. Inundation Duration (wks/event)	15	4	4	4	4	4	
Inundation (Percent of POR)	46	2	3	2	2	2	
160	Rotenberger WMA	(15.20, 11.85)					
Number of Inundation Events	29	16	16	16	16	16	
AVg. Inundation Duration (wks/event)	52	111	111	111	111	111	
Inundation (Percent of POR)	80	95	95	95	95	95	
170	Holey Land WMA	(14.38, 10.96)					
Number of Inundation Events	17	8	8	8	8	8	
AVg. Inundation Duration (wks/event)	97	226	226	226	226	226	
Inundation (Percent of POR)	88	97	97	97	96	96	
180	NE Cypress	(14.55, 14.55)					
Number of Inundation Events	36	18	18	18	18	19	
AVg. Inundation Duration (wks/event)	25	5	5	5	5	5	
Inundation (Percent of POR)	47	5	5	5	5	5	
181	Mullet Slough	(11.57, 11.55)					
Number of Inundation Events	26	35	35	35	35	35	
AVg. Inundation Duration (wks/event)	53	34	34	34	34	34	
Inundation (Percent of POR)	74	63	63	63	63	63	
182	Dwarf Cypress	( 8.81, 8.81)					
Number of Inundation Events	36	42	42	42	42	42	
AVg. Inundation Duration (wks/event)	33	23	23	23	23	23	
Inundation (Percent of POR)	63	52	52	52	52	52	
183	Roberts Lake Cypress Strand	( 5.94, 5.94)					
Number of Inundation Events	34	40	40	40	40	40	
AVg. Inundation Duration (wks/event)	38	29	29	29	29	29	
Inundation (Percent of POR)	69	61	61	61	61	61	
190	WCA-3A Sawgrass	(12.66, 9.65)					
Number of Inundation Events	17	17	17	17	16	17	
AVg. Inundation Duration (wks/event)	97	101	101	101	107	100	
Inundation (Percent of POR)	88	92	92	92	91	91	
29W	S-12s Headwater	( 7.49, 7.46)					
Number of Inundation Events	16	9	9	9	9	9	
AVg. Inundation Duration (wks/event)	107	195	196	196	196	195	
Inundation (Percent of POR)	91	94	94	94	94	94	

14 Old South WCA-3A

( 7.76, 7.67)

Number of Inundation Events	15	10	10	10	10	10
Avg. Inundation Duration (wks/event)	115	180	181	181	180	180
Inundation (Percent of POR)	92	96	97	96	96	96

69 L-67A

( 8.25, 6.93)

Number of Inundation Events	17	6	5	5	5	6
Avg. Inundation Duration (wks/event)	99	306	368	368	368	305
Inundation (Percent of POR)	90	98	98	98	98	98

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6969 East of C-111

( 6.21, 6.21)

Number of Inundation Events	27	42	43	44	42	43
Avg. Inundation Duration (wks/event)	46	25	25	24	26	24
Inundation (Percent of POR)	66	57	57	57	57	55

EA1 EAA to WCA1

(13.84,11.68)

Number of Inundation Events	16	15	15	15	15	16
Avg. Inundation Duration (wks/event)	106	115	115	115	115	107
Inundation (Percent of POR)	91	92	92	92	92	92

EA2 EAA to WCA-2A

(13.84,11.68)

Number of Inundation Events	16	15	15	15	15	16
Avg. Inundation Duration (wks/event)	106	115	115	115	115	107
Inundation (Percent of POR)	91	92	92	92	92	92

EA3 EAA to WCA-3Aa

(13.84,11.68)

Number of Inundation Events	16	15	15	15	15	16
Avg. Inundation Duration (wks/event)	106	115	115	115	115	107
Inundation (Percent of POR)	91	92	92	92	92	92

EA4 EAA to WCA-3Ab

(13.84,11.68)

Number of Inundation Events	16	15	15	15	15	16
Avg. Inundation Duration (wks/event)	106	115	115	115	115	107
Inundation (Percent of POR)	91	92	92	92	92	92

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Notes:

1) Period of Record (POR)= 1965-2000 simulation period

a) Non-Leap Years -> last eight days of calendar year used for weekly average

b) Leap Years -> last nine days of calendar year used for weekly average

2) An Inundation Event(IE) is calculated as a discret segment of time from the point at which water level rise above ground surface, providing they exceed 0.2 [] until the time they fall below ground.

3) Average Inundation Duration (weeks/Event) is the average number of sequential weeks in an IE for the period of record= sum[duration of each IE in weeks]/(# of IE)

4) Percent of Period POR Inundated=  $100 * \frac{\text{sum}[duration of each IE in weeks]}{(\# \text{ of years in POR} * 52)}$

For Planning Purposes Only  
Run Date: Mon Apr 10 01:31:42 EDT 2006  
SFWMM 5.5.2  
RECOVER Performance Measure