

Inundation Summary for Indicator Regions

Indicator Region Number/Name (NSM AVG Elev,WMM Avg Elev)	NSM462	lors-fwoalbS2-A	alt2a-B	alt3-B	alt4-A
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100 WCA-1 North (16.97,16.05)					
Number of Inundation Events	15	27	27	28	28
Avg. Inundation Duration (wks/event)	118	60	61	58	58
Inundation (Percent of POR)	94	86	88	87	86
101 WCA-1 Central (15.97,15.28)					
Number of Inundation Events	17	9	7	8	8
Avg. Inundation Duration (wks/event)	100	201	262	229	226
Inundation (Percent of POR)	91	96	98	98	97
102 WCA-1 South (15.02,14.54)					
Number of Inundation Events	18	2	2	3	2
Avg. Inundation Duration (wks/event)	91	935	935	623	935
Inundation (Percent of POR)	88	100	100	100	100
110 WCA-2A North (13.18,12.08)					
Number of Inundation Events	24	20	19	20	18
Avg. Inundation Duration (wks/event)	66	83	88	83	92
Inundation (Percent of POR)	84	89	89	89	88
111 WCA-2A South (11.35,10.95)					
Number of Inundation Events	13	15	15	15	15
Avg. Inundation Duration (wks/event)	131	114	115	114	114
Inundation (Percent of POR)	91	91	92	91	91
112 WCA-2B North (9.47, 8.67)					
Number of Inundation Events	16	15	14	15	15
Avg. Inundation Duration (wks/event)	107	112	121	112	112
Inundation (Percent of POR)	91	90	90	89	90
113 WCA-2B South (8.87, 7.60)					
Number of Inundation Events	16	10	10	10	11
Avg. Inundation Duration (wks/event)	107	166	166	166	150
Inundation (Percent of POR)	92	89	89	88	88
114 WCA-3A NW Corner (12.77,10.58)					
Number of Inundation Events	12	22	22	21	18
Avg. Inundation Duration (wks/event)	146	74	75	77	92
Inundation (Percent of POR)	94	86	88	86	89
115 WCA-3A North (12.58,10.00)					
Number of Inundation Events	14	15	13	14	13
Avg. Inundation Duration (wks/event)	122	113	134	121	134
Inundation (Percent of POR)	92	91	93	90	93
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	133	134	133
Inundation (Percent of POR)	87	92	93	92	93	92

117 WCA-3A NW (11.74, 9.58)

Number of Inundation Events	10	12	11	12	9	12
Avg. Inundation Duration (wks/event)	179	147	163	147	198	147
Inundation (Percent of POR)	96	94	96	94	95	94

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

Number of Inundation Events	14	14	13	14	14	14
Avg. Inundation Duration (wks/event)	122	122	132	122	122	122
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	6	6	7	6	7
Avg. Inundation Duration (wks/event)	122	305	304	260	305	260
Inundation (Percent of POR)	91	98	97	97	98	97

120 WCA-3A West (10.60, 9.71)

Number of Inundation Events	10	16	14	14	14	15
Avg. Inundation Duration (wks/event)	174	108	124	123	124	115
Inundation (Percent of POR)	93	92	93	92	93	92

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

Number of Inundation Events	14	10	10	11	11	10
Avg. Inundation Duration (wks/event)	124	177	178	162	161	177
Inundation (Percent of POR)	92	94	95	95	95	95

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	10	10	10	10	9
Avg. Inundation Duration (wks/event)	106	176	176	176	176	196
Inundation (Percent of POR)	90	94	94	94	94	94

124 WCA-3A South (7.84, 7.73)

Number of Inundation Events	14	9	9	9	9	10
Avg. Inundation Duration (wks/event)	124	203	203	203	203	182
Inundation (Percent of POR)	93	97	98	98	98	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
AVg. Inundation Duration (wks/event)	218
Inundation (Percent of POR)	93
132 South Shark Slough	(0.82, 0.82)
Number of Inundation Events	10
AVg. Inundation Duration (wks/event)	174
Inundation (Percent of POR)	93
133 Taylor Slough	(1.32, 1.32)
Number of Inundation Events	25
AVg. Inundation Duration (wks/event)	54
Inundation (Percent of POR)	72

140	Lostman's Slough	(6.59, 6.59)				
	Number of Inundation Events	29	38	38	38	38
	AVg. Inundation Duration (wks/event)	48	30	30	30	30
	Inundation (Percent of POR)	74	61	61	61	61
141	Ochopee Marl Marsh	(4.76, 4.76)				
	Number of Inundation Events	18	30	29	29	29
	AVg. Inundation Duration (wks/event)	87	41	43	43	43
	Inundation (Percent of POR)	84	66	66	66	66
142	Rocky Glades	(6.32, 6.32)				
	Number of Inundation Events	20	30	28	28	30
	AVg. Inundation Duration (wks/event)	75	40	43	43	39
	Inundation (Percent of POR)	80	64	65	64	63
143	West Perrine Marl Marsh	(2.80, 2.80)				
	Number of Inundation Events	29	29	29	29	29
	AVg. Inundation Duration (wks/event)	13	12	12	12	12
	Inundation (Percent of POR)	21	19	19	19	19
144	Craighead Basin	(1.21, 1.21)				
	Number of Inundation Events	31	34	34	34	34
	AVg. Inundation Duration (wks/event)	28	23	23	23	23
	Inundation (Percent of POR)	47	42	42	42	42
145	East Perrine Marl Marsh	(1.89, 1.89)				
	Number of Inundation Events	36	42	40	40	41
	AVg. Inundation Duration (wks/event)	27	16	17	17	16
	Inundation (Percent of POR)	51	36	36	35	36
146	Model Lands Marl Marsh	(2.00, 2.00)				
	Number of Inundation Events	41	46	46	46	46
	AVg. Inundation Duration (wks/event)	25	12	12	12	12
	Inundation (Percent of POR)	56	29	29	28	28
147	Rocky Glades East	(6.34, 6.34)				
	Number of Inundation Events	21	32	32	30	32
	AVg. Inundation Duration (wks/event)	70	36	37	39	36
	Inundation (Percent of POR)	79	62	63	63	62
148	Rocky Glades West	(6.30, 6.30)				
	Number of Inundation Events	19	29	26	29	29
	AVg. Inundation Duration (wks/event)	82	43	49	43	43
	Inundation (Percent of POR)	83	67	67	67	66

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150	Corbett West	(22.31, 21.74)					
Number of Inundation Events	37	33	30	30	33	32	
AVg. Inundation Duration (wks/event)	30	4	5	4	4	4	
Inundation (Percent of POR)	59	8	7	7	8	7	
151	Corbett East	(22.80, 22.80)					
Number of Inundation Events	58	11	12	11	12	11	
AVg. Inundation Duration (wks/event)	15	4	4	4	4	4	
Inundation (Percent of POR)	46	3	2	2	3	2	
160	Rotenberger WMA	(15.20, 11.85)					
Number of Inundation Events	29	16	15	16	16	16	
AVg. Inundation Duration (wks/event)	52	111	118	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	97	97	
180	NE Cypress	(14.55, 14.55)					
Number of Inundation Events	36	19	18	18	18	18	
AVg. Inundation Duration (wks/event)	25	5	5	5	5	5	
Inundation (Percent of POR)	47	6	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	41	41	42	42	42	
AVg. Inundation Duration (wks/event)	33	24	24	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	16	15	16	16	17	
AVg. Inundation Duration (wks/event)	97	107	116	107	108	101	
Inundation (Percent of POR)	88	91	93	91	92	92	
29W	S-12s Headwater	(7.49, 7.46)					
Number of Inundation Events	16	9	9	9	8	9	
AVg. Inundation Duration (wks/event)	107	197	196	196	222	195	
Inundation (Percent of POR)	91	95	94	94	95	94	

14 Old South WCA-3A

(7.76, 7.67)

Number of Inundation Events	15	10	9	10	10	10
Avg. Inundation Duration (wks/event)	115	181	200	180	181	180
Inundation (Percent of POR)	92	97	96	96	97	96

69 L-67A

(8.25, 6.93)

Number of Inundation Events	17	5	7	5	5	6
Avg. Inundation Duration (wks/event)	99	368	263	368	368	306
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	46	44	42	46	42
Avg. Inundation Duration (wks/event)	46	23	25	26	23	25
Inundation (Percent of POR)	66	57	58	58	57	57

EA1 EAA to WCA1

(13.84,11.68)

Number of Inundation Events	16	17	15	15	16	15
Avg. Inundation Duration (wks/event)	106	101	116	115	109	115
Inundation (Percent of POR)	91	92	93	92	93	92

EA2 EAA to WCA-2A

(13.84,11.68)

Number of Inundation Events	16	17	15	15	16	15
Avg. Inundation Duration (wks/event)	106	101	116	115	109	115
Inundation (Percent of POR)	91	92	93	92	93	92

EA3 EAA to WCA-3Aa

(13.84,11.68)

Number of Inundation Events	16	17	15	15	16	15
Avg. Inundation Duration (wks/event)	106	101	116	115	109	115
Inundation (Percent of POR)	91	92	93	92	93	92

EA4 EAA to WCA-3Ab

(13.84,11.68)

Number of Inundation Events	16	17	15	15	16	15
Avg. Inundation Duration (wks/event)	106	101	116	115	109	115
Inundation (Percent of POR)	91	92	93	92	93	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 discrete 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: Tue Jun 6 19:52:29 EDT 2006
SFWMM 5.5.2
RECOVER Performance Measure