

Inundation Summary for Indicator Regions

Indicator Region Number/Name (NSM AVG Elev,WMM Avg Elev)	NSM462	07LORS	alt1a	alt1aS1	alt1aS2	alt2a
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100 WCA-1 North (16.97,16.05)						
Number of Inundation Events	15	27	27	27	27	28
Avg. Inundation Duration (wks/event)	118	60	60	61	61	58
Inundation (Percent of POR)	94	87	87	88	88	87
101 WCA-1 Central (15.97,15.28)						
Number of Inundation Events	17	8	8	8	7	8
Avg. Inundation Duration (wks/event)	100	226	228	229	262	229
Inundation (Percent of POR)	91	97	97	98	98	98
102 WCA-1 South (15.02,14.54)						
Number of Inundation Events	18	2	2	2	2	3
Avg. Inundation Duration (wks/event)	91	935	935	935	935	623
Inundation (Percent of POR)	88	100	100	100	100	100
110 WCA-2A North (13.18,12.08)						
Number of Inundation Events	24	21	18	18	19	19
Avg. Inundation Duration (wks/event)	66	79	92	92	88	87
Inundation (Percent of POR)	84	89	89	89	89	89
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	115	115	114
Inundation (Percent of POR)	91	91	92	92	92	91
112 WCA-2B North ( 9.47, 8.67)						
Number of Inundation Events	16	15	14	14	13	15
Avg. Inundation Duration (wks/event)	107	112	121	121	130	112
Inundation (Percent of POR)	91	90	90	90	90	89
113 WCA-2B South ( 8.87, 7.60)						
Number of Inundation Events	16	10	10	10	10	10
Avg. Inundation Duration (wks/event)	107	166	166	166	166	166
Inundation (Percent of POR)	92	89	89	89	89	88
114 WCA-3A NW Corner (12.77,10.58)						
Number of Inundation Events	12	21	20	20	23	21
Avg. Inundation Duration (wks/event)	146	77	82	83	72	77
Inundation (Percent of POR)	94	86	88	88	89	86
115 WCA-3A North (12.58,10.00)						
Number of Inundation Events	14	15	14	14	13	14
Avg. Inundation Duration (wks/event)	122	114	123	124	134	121
Inundation (Percent of POR)	92	91	92	93	93	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	134	133
Inundation (Percent of POR)	87	92	93	93	93	92

117 WCA-3A NW (11.74, 9.58)

Number of Inundation Events	10	12	11	11	11	12
AVG. Inundation Duration (wks/event)	179	147	161	162	163	147
Inundation (Percent of POR)	96	94	95	95	96	94

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

Number of Inundation Events	14	14	14	13	13	14
AVG. Inundation Duration (wks/event)	122	122	122	132	132	122
Inundation (Percent of POR)	91	91	92	92	92	91

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119 WCA-3A East (10.15, 7.53)

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

120 WCA-3A West (10.60, 9.71)

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

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

Number of Inundation Events	14	10	10	10	10	11
AVG. Inundation Duration (wks/event)	124	177	177	178	178	161
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	9	10	10	10
AVG. Inundation Duration (wks/event)	106	176	196	177	177	176
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	183
Inundation (Percent of POR)	93	98	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	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	29
Avg. Inundation Duration (wks/event)	87	43	41	43	43	42
Inundation (Percent of POR)	84	66	66	66	66	66
142	Rocky Glades	( 6.32, 6.32)				
Number of Inundation Events	20	30	28	29	28	29
Avg. Inundation Duration (wks/event)	75	40	43	42	44	41
Inundation (Percent of POR)	80	64	64	65	65	64
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	41	40	40	40	40
Avg. Inundation Duration (wks/event)	27	16	17	17	17	17
Inundation (Percent of POR)	51	36	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	29	29	28
147	Rocky Glades East	( 6.34, 6.34)				
Number of Inundation Events	21	32	31	31	30	31
Avg. Inundation Duration (wks/event)	70	37	38	39	40	38
Inundation (Percent of POR)	79	62	63	64	63	62
148	Rocky Glades West	( 6.30, 6.30)				
Number of Inundation Events	19	29	28	28	26	28
Avg. Inundation Duration (wks/event)	82	43	44	45	49	44
Inundation (Percent of POR)	83	67	67	67	68	66

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150	Corbett West	(22.31, 21.74)					
Number of Inundation Events	37	33	32	31	31	30	
AVg. Inundation Duration (wks/event)	30	4	4	4	4	4	
Inundation (Percent of POR)	59	8	8	7	7	7	
151	Corbett East	(22.80, 22.80)					
Number of Inundation Events	58	11	11	11	11	11	
AVg. Inundation Duration (wks/event)	15	4	4	4	4	4	
Inundation (Percent of POR)	46	3	3	3	3	2	
160	Rotenberger WMA	(15.20, 11.85)					
Number of Inundation Events	29	16	16	15	15	16	
AVg. Inundation Duration (wks/event)	52	111	111	118	118	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	96	
180	NE Cypress	(14.55, 14.55)					
Number of Inundation Events	36	18	18	18	18	18	
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	41	41	42	
AVg. Inundation Duration (wks/event)	33	23	23	24	24	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	17	16	14	16	
AVg. Inundation Duration (wks/event)	97	107	101	108	124	107	
Inundation (Percent of POR)	88	91	92	92	93	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	196	196	197	197	196	
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	9	9	10
Avg. Inundation Duration (wks/event)	115	181	181	201	201	180
Inundation (Percent of POR)	92	96	97	97	97	96

69 L-67A

( 8.25, 6.93)

Number of Inundation Events	17	5	5	5	6	5
Avg. Inundation Duration (wks/event)	99	368	368	369	308	368
Inundation (Percent of POR)	90	98	98	99	99	98

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6969 East of C-111

( 6.21, 6.21)

Number of Inundation Events	27	45	43	45	44	42
Avg. Inundation Duration (wks/event)	46	24	25	24	25	26
Inundation (Percent of POR)	66	58	57	58	58	57

EA1 EAA to WCA1

(13.84,11.68)

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

EA2 EAA to WCA-2A

(13.84,11.68)

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

EA3 EAA to WCA-3Aa

(13.84,11.68)

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

EA4 EAA to WCA-3Ab

(13.84,11.68)

Number of Inundation Events	16	17	15	15	15	15
Avg. Inundation Duration (wks/event)	106	101	115	116	116	115
Inundation (Percent of POR)	91	92	92	93	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: Wed Apr 12 15:47:06 EDT 2006  
SFWMM 5.5.2  
RECOVER Performance Measure