

Inundation Summary for Indicator Regions

Indicator Region Number/Name (NSM AVG Elev,WMM Avg Elev)	NSM462	a-0407	aL-1020	m-0621	m-1020	mL-1020
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100 WCA-1 North (16.97,16.05)						
Number of Inundation Events	15	27	30	27	30	30
Avg. Inundation Duration (wks/event)	118	61	52	61	52	52
Inundation (Percent of POR)	94	88	84	88	84	84
101 WCA-1 Central (15.97,15.28)						
Number of Inundation Events	17	7	10	7	10	10
Avg. Inundation Duration (wks/event)	100	262	178	262	178	178
Inundation (Percent of POR)	91	98	95	98	95	95
102 WCA-1 South (15.02,14.54)						
Number of Inundation Events	18	2	5	2	5	5
Avg. Inundation Duration (wks/event)	91	935	370	935	370	369
Inundation (Percent of POR)	88	100	99	100	99	99
110 WCA-2A North (13.18,12.08)						
Number of Inundation Events	24	19	23	19	22	22
Avg. Inundation Duration (wks/event)	66	88	71	88	74	74
Inundation (Percent of POR)	84	89	87	89	87	87
111 WCA-2A South (11.35,10.95)						
Number of Inundation Events	13	15	18	15	17	18
Avg. Inundation Duration (wks/event)	131	115	94	115	99	94
Inundation (Percent of POR)	91	92	90	92	90	90
112 WCA-2B North ( 9.47, 8.67)						
Number of Inundation Events	16	14	17	14	17	17
Avg. Inundation Duration (wks/event)	107	121	97	120	97	97
Inundation (Percent of POR)	91	90	88	90	88	88
113 WCA-2B South ( 8.87, 7.60)						
Number of Inundation Events	16	10	11	10	12	12
Avg. Inundation Duration (wks/event)	107	166	148	166	135	135
Inundation (Percent of POR)	92	89	87	89	87	87
114 WCA-3A NW Corner (12.77,10.58)						
Number of Inundation Events	12	22	20	22	20	20
Avg. Inundation Duration (wks/event)	146	75	82	75	82	82
Inundation (Percent of POR)	94	88	88	88	88	88
115 WCA-3A North (12.58,10.00)						
Number of Inundation Events	14	13	12	13	13	12
Avg. Inundation Duration (wks/event)	122	134	144	134	133	144
Inundation (Percent of POR)	92	93	93	93	93	92
116 WCA-3A NE (12.26, 9.42)						

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

117 WCA-3A NW (11.74, 9.58)

Number of Inundation Events	10	11	10	11	10	10
Avg. Inundation Duration (wks/event)	179	163	177	163	177	177
Inundation (Percent of POR)	96	96	95	96	95	95

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

Number of Inundation Events	14	13	13	13	13	13
Avg. Inundation Duration (wks/event)	122	132	131	132	131	131
Inundation (Percent of POR)	91	92	91	92	91	91

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119 WCA-3A East (10.15, 7.53)

Number of Inundation Events	14	6	6	6	6	6
Avg. Inundation Duration (wks/event)	122	304	304	304	303	304
Inundation (Percent of POR)	91	97	97	97	97	97

120 WCA-3A West (10.60, 9.71)

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

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

Number of Inundation Events	14	10	10	10	10	10
Avg. Inundation Duration (wks/event)	124	178	177	178	177	177
Inundation (Percent of POR)	92	95	94	95	94	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	10	11	10	11	11
Avg. Inundation Duration (wks/event)	106	176	159	176	159	159
Inundation (Percent of POR)	90	94	93	94	93	93

124 WCA-3A South ( 7.84, 7.73)

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

125 WCA-3B North ( 8.46, 6.41)

Number of Inundation Events	18	9	9	9	9	9
AVG. Inundation Duration (wks/event)	91	197	197	197	196	197
Inundation (Percent of POR)	87	95	94	95	94	94

126 WCA-3B West ( 6.85, 6.30)

Number of Inundation Events	10	9	10	9	10	10
AVG. Inundation Duration (wks/event)	180	197	176	197	176	176
Inundation (Percent of POR)	96	95	94	95	94	94

127 Pennsuco Wetlands ( 6.82, 5.62)

Number of Inundation Events	7	19	20	19	20	20
AVG. Inundation Duration (wks/event)	260	78	72	77	73	73
Inundation (Percent of POR)	97	79	77	79	77	77

128 WCA-3B East ( 6.77, 6.01)

Number of Inundation Events	8	15	17	15	17	17
AVG. Inundation Duration (wks/event)	226	105	92	105	92	92
Inundation (Percent of POR)	96	85	84	84	84	84

129 NE Shark Slough ( 5.91, 5.91)

Number of Inundation Events	3	15	16	15	16	16
AVG. Inundation Duration (wks/event)	617	111	103	111	103	103
Inundation (Percent of POR)	99	89	88	89	88	88

130 Mid Shark Slough ( 5.23, 5.23)

Number of Inundation Events	5	15	15	15	15	15
AVG. Inundation Duration (wks/event)	356	111	111	111	111	111
Inundation (Percent of POR)	95	89	89	89	89	89

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131 SW Shark Slough ( 3.26, 3.26)

Number of Inundation Events	8	19	19	19	19	19
AVG. Inundation Duration (wks/event)	218	85	85	85	85	85
Inundation (Percent of POR)	93	86	86	86	86	86

132 South Shark Slough ( 0.82, 0.82)

Number of Inundation Events	10	23	26	23	26	26
AVG. Inundation Duration (wks/event)	174	69	60	69	60	60
Inundation (Percent of POR)	93	85	83	85	84	84

133 Taylor Slough ( 1.32, 1.32)

Number of Inundation Events	25	35	35	35	35	35
AVG. Inundation Duration (wks/event)	54	36	36	36	36	36
Inundation (Percent of POR)	72	67	67	67	67	67

140	Lostman's Slough	( 6.59, 6.59)				
Number of Inundation Events	29	38	41	38	41	41
Avg. Inundation Duration (wks/event)	48	30	27	30	27	27
Inundation (Percent of POR)	74	61	59	61	59	59
141	Ochopee Marl Marsh	( 4.76, 4.76)				
Number of Inundation Events	18	29	30	29	31	31
Avg. Inundation Duration (wks/event)	87	43	40	43	39	39
Inundation (Percent of POR)	84	66	64	66	64	64
142	Rocky Glades	( 6.32, 6.32)				
Number of Inundation Events	20	28	33	28	34	33
Avg. Inundation Duration (wks/event)	75	43	35	43	34	35
Inundation (Percent of POR)	80	65	62	65	62	62
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	35	34	35	35
Avg. Inundation Duration (wks/event)	28	23	22	23	22	22
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	16	17	16	16
Inundation (Percent of POR)	51	36	35	36	35	35
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	29	28	29	29	29
147	Rocky Glades East	( 6.34, 6.34)				
Number of Inundation Events	21	32	33	31	33	33
Avg. Inundation Duration (wks/event)	70	37	34	38	34	34
Inundation (Percent of POR)	79	63	61	63	61	61
148	Rocky Glades West	( 6.30, 6.30)				
Number of Inundation Events	19	26	31	26	31	31
Avg. Inundation Duration (wks/event)	82	49	40	49	39	40
Inundation (Percent of POR)	83	67	66	67	65	66

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150	Corbett West	(22.31, 21.74)				
Number of Inundation Events	37	30	30	30	30	30
AVg. Inundation Duration (wks/event)	30	5	5	5	5	5
Inundation (Percent of POR)	59	7	7	7	7	7
151	Corbett East	(22.80, 22.80)				
Number of Inundation Events	58	12	12	11	11	11
AVg. Inundation Duration (wks/event)	15	4	4	4	4	4
Inundation (Percent of POR)	46	2	3	2	3	3
160	Rotenberger WMA	(15.20, 11.85)				
Number of Inundation Events	29	15	16	15	16	16
AVg. Inundation Duration (wks/event)	52	118	111	118	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	96	97	96	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	41	43	42	43	43
AVg. Inundation Duration (wks/event)	33	24	22	23	22	22
Inundation (Percent of POR)	63	52	51	52	51	51
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	15	15	15	15	15
AVg. Inundation Duration (wks/event)	97	116	114	116	114	114
Inundation (Percent of POR)	88	93	92	93	92	92
29W	S-12s Headwater	( 7.49, 7.46)				
Number of Inundation Events	16	9	9	9	10	10
AVg. Inundation Duration (wks/event)	107	196	195	196	175	176
Inundation (Percent of POR)	91	94	94	94	93	94

14 Old South WCA-3A

( 7.76, 7.67)

Number of Inundation Events	15	9	10	9	10	10
Avg. Inundation Duration (wks/event)	115	200	179	200	179	179
Inundation (Percent of POR)	92	96	96	96	96	96

69 L-67A

( 8.25, 6.93)

Number of Inundation Events	17	7	7	7	7	7
Avg. Inundation Duration (wks/event)	99	263	261	263	261	261
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	44	45	43	47	46
Avg. Inundation Duration (wks/event)	46	25	23	25	22	23
Inundation (Percent of POR)	66	58	56	58	55	55

EA1 EAA to WCA1

(13.84,11.68)

Number of Inundation Events	16	15	16	15	16	16
Avg. Inundation Duration (wks/event)	106	116	108	116	108	108
Inundation (Percent of POR)	91	93	93	93	93	93

EA2 EAA to WCA-2A

(13.84,11.68)

Number of Inundation Events	16	15	16	15	16	16
Avg. Inundation Duration (wks/event)	106	116	108	116	108	108
Inundation (Percent of POR)	91	93	93	93	93	93

EA3 EAA to WCA-3Aa

(13.84,11.68)

Number of Inundation Events	16	15	16	15	16	16
Avg. Inundation Duration (wks/event)	106	116	108	116	108	108
Inundation (Percent of POR)	91	93	93	93	93	93

EA4 EAA to WCA-3Ab

(13.84,11.68)

Number of Inundation Events	16	15	16	15	16	16
Avg. Inundation Duration (wks/event)	106	116	108	116	108	108
Inundation (Percent of POR)	91	93	93	93	93	93

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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: Fri Nov 3 16:16:34 EST 2006  
SFWMM 5.5.2  
RECOVER Performance Measure