

Inundation Summary for Indicator Regions

Indicator Region Number/Name (NSM AVG Elev,WMM Avg Elev)	NSM462	alt2a	alt2a-A	alt2a-B	alt3	alt3-B
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100 WCA-1 North (16.97,16.05)						
Number of Inundation Events	15	28	28	28	28	28
Avg. Inundation Duration (wks/event)	118	58	58	58	58	58
Inundation (Percent of POR)	94	87	87	87	86	86
101 WCA-1 Central (15.97,15.28)						
Number of Inundation Events	17	8	8	8	8	8
Avg. Inundation Duration (wks/event)	100	229	229	229	226	226
Inundation (Percent of POR)	91	98	98	98	96	96
102 WCA-1 South (15.02,14.54)						
Number of Inundation Events	18	3	3	3	2	2
Avg. Inundation Duration (wks/event)	91	623	623	623	935	935
Inundation (Percent of POR)	88	100	100	100	100	100
110 WCA-2A North (13.18,12.08)						
Number of Inundation Events	24	19	19	20	18	18
Avg. Inundation Duration (wks/event)	66	87	87	83	92	92
Inundation (Percent of POR)	84	89	89	89	88	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	114	114	114	114
Inundation (Percent of POR)	91	91	91	91	91	91
112 WCA-2B North ( 9.47, 8.67)						
Number of Inundation Events	16	15	15	15	15	15
Avg. Inundation Duration (wks/event)	107	112	112	112	113	112
Inundation (Percent of POR)	91	89	89	89	90	90
113 WCA-2B South ( 8.87, 7.60)						
Number of Inundation Events	16	10	10	10	10	11
Avg. Inundation Duration (wks/event)	107	166	166	166	166	150
Inundation (Percent of POR)	92	88	88	88	88	88
114 WCA-3A NW Corner (12.77,10.58)						
Number of Inundation Events	12	21	21	21	17	18
Avg. Inundation Duration (wks/event)	146	77	77	77	98	92
Inundation (Percent of POR)	94	86	86	86	89	89
115 WCA-3A North (12.58,10.00)						
Number of Inundation Events	14	14	14	14	14	13
Avg. Inundation Duration (wks/event)	122	121	121	121	125	134
Inundation (Percent of POR)	92	90	90	90	93	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	133	133	134	134
Inundation (Percent of POR)	87	92	92	92	93	93

117 WCA-3A NW (11.74, 9.58)

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

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	122
Inundation (Percent of POR)	91	91	91	91	91	91

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119 WCA-3A East (10.15, 7.53)

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

120 WCA-3A West (10.60, 9.71)

Number of Inundation Events	10	14	14	14	15	14
AVG. Inundation Duration (wks/event)	174	123	123	123	116	124
Inundation (Percent of POR)	93	92	92	92	93	93

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

Number of Inundation Events	14	11	11	11	10	11
AVG. Inundation Duration (wks/event)	124	161	161	162	177	161
Inundation (Percent of POR)	92	95	95	95	94	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	10
AVG. Inundation Duration (wks/event)	106	176	176	176	176	176
Inundation (Percent of POR)	90	94	94	94	94	94

124 WCA-3A South ( 7.84, 7.73)

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

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	198	197
Inundation (Percent of POR)	87	95	95	95	95	95
126 WCA-3B West	( 6.85, 6.30)					
Number of Inundation Events	10	9	9	9	9	9
Avg. Inundation Duration (wks/event)	180	196	196	196	197	197
Inundation (Percent of POR)	96	94	94	94	95	95
127 Pennsuco Wetlands	( 6.82, 5.62)					
Number of Inundation Events	7	18	18	18	19	20
Avg. Inundation Duration (wks/event)	260	82	82	82	77	73
Inundation (Percent of POR)	97	78	78	78	79	78
128 WCA-3B East	( 6.77, 6.01)					
Number of Inundation Events	8	15	15	15	16	17
Avg. Inundation Duration (wks/event)	226	105	105	105	99	93
Inundation (Percent of POR)	96	84	84	84	85	84
129 NE Shark Slough	( 5.91, 5.91)					
Number of Inundation Events	3	16	16	16	16	16
Avg. Inundation Duration (wks/event)	617	104	104	104	104	103
Inundation (Percent of POR)	99	89	89	89	89	88
130 Mid Shark Slough	( 5.23, 5.23)					
Number of Inundation Events	5	16	16	16	16	16
Avg. Inundation Duration (wks/event)	356	104	104	104	104	104
Inundation (Percent of POR)	95	89	89	89	89	89

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Indicator Region	NSM462	alt2a	alt2a-A	alt2a-B	alt3	alt3-B
Number/Name (NSM AVG Elev,WMM Avg Elev)						
131 SW Shark Slough	( 3.26, 3.26)					
Number of Inundation Events	8	19	19	19	18	18
Avg. Inundation Duration (wks/event)	218	85	85	85	90	90
Inundation (Percent of POR)	93	86	86	86	86	86
132 South Shark Slough	( 0.82, 0.82)					
Number of Inundation Events	10	24	24	24	24	24
Avg. Inundation Duration (wks/event)	174	66	66	66	65	65
Inundation (Percent of POR)	93	84	84	84	84	84
133 Taylor Slough	( 1.32, 1.32)					
Number of Inundation Events	25	34	34	34	35	35
Avg. Inundation Duration (wks/event)	54	37	37	37	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	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	29	29	29	29
AVg. Inundation Duration (wks/event)	87	42	42	43	43	43
Inundation (Percent of POR)	84	66	66	66	66	66
142 Rocky Glades	( 6.32, 6.32)					
Number of Inundation Events	20	29	29	28	29	30
AVg. Inundation Duration (wks/event)	75	41	41	43	41	39
Inundation (Percent of POR)	80	64	64	64	63	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	41
AVg. Inundation Duration (wks/event)	27	17	17	17	17	16
Inundation (Percent of POR)	51	36	36	35	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	31	31	30	32	32
AVg. Inundation Duration (wks/event)	70	38	38	39	36	36
Inundation (Percent of POR)	79	62	62	63	62	62
148 Rocky Glades West	( 6.30, 6.30)					
Number of Inundation Events	19	28	28	29	26	29
AVg. Inundation Duration (wks/event)	82	44	44	43	48	43
Inundation (Percent of POR)	83	66	66	67	67	66

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Number/Name (NSM AVG Elev,WMM Avg Elev)						

150	Corbett West	(22.31, 21.74)				
Number of Inundation Events	37	30	30	30	34	33
AVg. Inundation Duration (wks/event)	30	4	4	4	4	4
Inundation (Percent of POR)	59	7	7	7	8	8
151	Corbett East	(22.80, 22.80)				
Number of Inundation Events	58	11	11	11	12	12
AVg. Inundation Duration (wks/event)	15	4	4	4	4	4
Inundation (Percent of POR)	46	2	2	2	3	3
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	227	226
Inundation (Percent of POR)	88	96	96	97	97	97
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	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	16	16	16	16	16
AVg. Inundation Duration (wks/event)	97	107	107	107	108	108
Inundation (Percent of POR)	88	91	91	91	92	92
29W	S-12s Headwater	( 7.49, 7.46)				
Number of Inundation Events	16	9	9	9	8	8
AVg. Inundation Duration (wks/event)	107	196	196	196	222	222
Inundation (Percent of POR)	91	94	94	94	95	95

14 Old South WCA-3A

( 7.76, 7.67)

Number of Inundation Events	15	10	10	10	9	10
Avg. Inundation Duration (wks/event)	115	180	180	180	201	181
Inundation (Percent of POR)	92	96	96	96	97	97

69 L-67A

( 8.25, 6.93)

Number of Inundation Events	17	5	5	5	5	5
Avg. Inundation Duration (wks/event)	99	368	368	368	368	368
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	42	42	47	46
Avg. Inundation Duration (wks/event)	46	26	26	26	23	23
Inundation (Percent of POR)	66	57	57	58	57	57

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	116	109
Inundation (Percent of POR)	91	92	92	92	93	93

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	116	109
Inundation (Percent of POR)	91	92	92	92	93	93

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	116	109
Inundation (Percent of POR)	91	92	92	92	93	93

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	116	109
Inundation (Percent of POR)	91	92	92	92	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=  $\text{sum}[ \text{duration of each IE in weeks} ] / ( \# \text{ of IE} )$
- 4) Percent of Period POR Inundated=  $100 * \text{sum}[ \text{duration of each IE in weeks} ] / ( \# \text{ of years in POR} * 52 )$

For Planning Purposes Only  
Run Date: Tue Jun 6 19:58:58 EDT 2006  
SFWMM 5.5.2  
RECOVER Performance Measure