

Inundation Summary for Indicator Regions

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Indicator Region

Number/Name (NSM AVG Elev,WMM Avg Elev) NSM462 07-0531 07-1113

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100 WCA-1 North (16.97,16.05)

Number of Inundation Events	15	27	31
Avg. Inundation Duration (wks/event)	118	60	50
Inundation (Percent of POR)	94	86	83

101 WCA-1 Central (15.97,15.28)

Number of Inundation Events	17	8	11
Avg. Inundation Duration (wks/event)	100	226	161
Inundation (Percent of POR)	91	97	95

102 WCA-1 South (15.02,14.54)

Number of Inundation Events	18	2	6
Avg. Inundation Duration (wks/event)	91	935	306
Inundation (Percent of POR)	88	100	98

110 WCA-2A North (13.18,12.08)

Number of Inundation Events	24	21	22
Avg. Inundation Duration (wks/event)	66	79	74
Inundation (Percent of POR)	84	89	87

111 WCA-2A South (11.35,10.95)

Number of Inundation Events	13	15	18
Avg. Inundation Duration (wks/event)	131	114	93
Inundation (Percent of POR)	91	91	90

112 WCA-2B North ( 9.47, 8.67)

Number of Inundation Events	16	15	18
Avg. Inundation Duration (wks/event)	107	112	91
Inundation (Percent of POR)	91	90	88

113 WCA-2B South ( 8.87, 7.60)

Number of Inundation Events	16	10	12
Avg. Inundation Duration (wks/event)	107	166	135
Inundation (Percent of POR)	92	89	87

114 WCA-3A NW Corner (12.77,10.58)

Number of Inundation Events	12	21	20
Avg. Inundation Duration (wks/event)	146	77	83
Inundation (Percent of POR)	94	86	88

115 WCA-3A North (12.58,10.00)

Number of Inundation Events	14	15	15
Avg. Inundation Duration (wks/event)	122	114	116
Inundation (Percent of POR)	92	91	93

116 WCA-3A NE (12.26, 9.42)

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

117 WCA-3A NW (11.74, 9.58)

Number of Inundation Events	10	13	11
Avg. Inundation Duration (wks/event)	179	136	163
Inundation (Percent of POR)	96	95	96

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

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

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119 WCA-3A East (10.15, 7.53)

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

120 WCA-3A West (10.60, 9.71)

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

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

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

122 WCA-3A Gap ( 9.94, 9.28)

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

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

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

124 WCA-3A South ( 7.84, 7.73)

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

125 WCA-3B North ( 8.46, 6.41)

Number of Inundation Events	18	9	9
Avg. Inundation Duration (wks/event)	91	198	197
Inundation (Percent of POR)	87	95	95

126 WCA-3B West ( 6.85, 6.30)

Number of Inundation Events	10	9	10
Avg. Inundation Duration (wks/event)	180	197	177
Inundation (Percent of POR)	96	95	94

127 Pennsuco Wetlands ( 6.82, 5.62)

Number of Inundation Events	7	19	21
Avg. Inundation Duration (wks/event)	260	77	69
Inundation (Percent of POR)	97	78	77

128 WCA-3B East ( 6.77, 6.01)

Number of Inundation Events	8	17	17
Avg. Inundation Duration (wks/event)	226	93	92
Inundation (Percent of POR)	96	85	84

129 NE Shark Slough ( 5.91, 5.91)

Number of Inundation Events	3	16	16
Avg. Inundation Duration (wks/event)	617	104	103
Inundation (Percent of POR)	99	89	88

130 Mid Shark Slough ( 5.23, 5.23)

Number of Inundation Events	5	16	16
Avg. Inundation Duration (wks/event)	356	104	103
Inundation (Percent of POR)	95	89	88

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131 SW Shark Slough ( 3.26, 3.26)

Number of Inundation Events	8	18	19
Avg. Inundation Duration (wks/event)	218	90	85
Inundation (Percent of POR)	93	86	86

132 South Shark Slough ( 0.82, 0.82)

Number of Inundation Events	10	24	26
Avg. Inundation Duration (wks/event)	174	65	60
Inundation (Percent of POR)	93	84	83

133 Taylor Slough ( 1.32, 1.32)

Number of Inundation Events	25	34	35
Avg. Inundation Duration (wks/event)	54	37	36
Inundation (Percent of POR)	72	67	67

140 Lostman's Slough	( 6.59, 6.59)			
Number of Inundation Events	29	38	39	
AVg. Inundation Duration (wks/event)	48	30	29	
Inundation (Percent of POR)	74	61	60	
141 Ochopee Marl Marsh	( 4.76, 4.76)			
Number of Inundation Events	18	30	31	
AVg. Inundation Duration (wks/event)	87	41	39	
Inundation (Percent of POR)	84	66	64	
142 Rocky Glades	( 6.32, 6.32)			
Number of Inundation Events	20	31	34	
AVg. Inundation Duration (wks/event)	75	38	33	
Inundation (Percent of POR)	80	64	61	
143 West Perrine Marl Marsh	( 2.80, 2.80)			
Number of Inundation Events	29	29	29	
AVg. Inundation Duration (wks/event)	13	12	12	
Inundation (Percent of POR)	21	19	19	
144 Craighead Basin	( 1.21, 1.21)			
Number of Inundation Events	31	34	35	
AVg. Inundation Duration (wks/event)	28	23	22	
Inundation (Percent of POR)	47	42	42	
145 East Perrine Marl Marsh	( 1.89, 1.89)			
Number of Inundation Events	36	40	41	
AVg. Inundation Duration (wks/event)	27	17	16	
Inundation (Percent of POR)	51	36	35	
146 Model Lands Marl Marsh	( 2.00, 2.00)			
Number of Inundation Events	41	46	45	
AVg. Inundation Duration (wks/event)	25	12	12	
Inundation (Percent of POR)	56	29	28	
147 Rocky Glades East	( 6.34, 6.34)			
Number of Inundation Events	21	32	34	
AVg. Inundation Duration (wks/event)	70	36	32	
Inundation (Percent of POR)	79	62	59	
148 Rocky Glades West	( 6.30, 6.30)			
Number of Inundation Events	19	29	32	
AVg. Inundation Duration (wks/event)	82	43	38	
Inundation (Percent of POR)	83	67	64	

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150	Corbett West	(22.31,21.74)		
Number of Inundation Events	37	33	33	
AVg. Inundation Duration (wks/event)	30	4	4	
Inundation (Percent of POR)	59	8	8	
151	Corbett East	(22.80,22.80)		
Number of Inundation Events	58	11	12	
AVg. Inundation Duration (wks/event)	15	4	5	
Inundation (Percent of POR)	46	3	3	
160	Rotenberger WMA	(15.20,11.85)		
Number of Inundation Events	29	16	16	
AVg. Inundation Duration (wks/event)	52	111	111	
Inundation (Percent of POR)	80	95	95	
170	Holey Land WMA	(14.38,10.96)		
Number of Inundation Events	17	8	8	
AVg. Inundation Duration (wks/event)	97	226	226	
Inundation (Percent of POR)	88	97	97	
180	NE Cypress	(14.55,14.55)		
Number of Inundation Events	36	19	18	
AVg. Inundation Duration (wks/event)	25	5	5	
Inundation (Percent of POR)	47	5	5	
181	Mullet Slough	(11.57,11.55)		
Number of Inundation Events	26	35	35	
AVg. Inundation Duration (wks/event)	53	34	34	
Inundation (Percent of POR)	74	63	63	
182	Dwarf Cypress	( 8.81, 8.81)		
Number of Inundation Events	36	42	43	
AVg. Inundation Duration (wks/event)	33	23	22	
Inundation (Percent of POR)	63	52	51	
183	Roberts Lake Cypress Strand	( 5.94, 5.94)		
Number of Inundation Events	34	40	40	
AVg. Inundation Duration (wks/event)	38	29	29	
Inundation (Percent of POR)	69	61	61	
190	WCA-3A Sawgrass	(12.66, 9.65)		
Number of Inundation Events	17	17	16	
AVg. Inundation Duration (wks/event)	97	100	107	
Inundation (Percent of POR)	88	91	91	
29W	S-12s Headwater	( 7.49, 7.46)		
Number of Inundation Events	16	9	10	
AVg. Inundation Duration (wks/event)	107	196	176	
Inundation (Percent of POR)	91	94	94	

14 Old South WCA-3A

( 7.76, 7.67)

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

69 L-67A

( 8.25, 6.93)

Number of Inundation Events	17	5	7
AVg. Inundation Duration (wks/event)	99	368	261
Inundation (Percent of POR)	90	98	98

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6969 East of C-111

( 6.21, 6.21)

Number of Inundation Events	27	47	45
AVg. Inundation Duration (wks/event)	46	23	22
Inundation (Percent of POR)	66	58	54

EA1 EAA to WCA1

(13.84,11.68)

Number of Inundation Events	16	17	16
AVg. Inundation Duration (wks/event)	106	101	108
Inundation (Percent of POR)	91	92	93

EA2 EAA to WCA-2A

(13.84,11.68)

Number of Inundation Events	16	17	16
AVg. Inundation Duration (wks/event)	106	101	108
Inundation (Percent of POR)	91	92	93

EA3 EAA to WCA-3Aa

(13.84,11.68)

Number of Inundation Events	16	17	16
AVg. Inundation Duration (wks/event)	106	101	108
Inundation (Percent of POR)	91	92	93

EA4 EAA to WCA-3Ab

(13.84,11.68)

Number of Inundation Events	16	17	16
AVg. Inundation Duration (wks/event)	106	101	108
Inundation (Percent of POR)	91	92	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: Tue Nov 14 15:44:32 EST 2006  
SFWMM 5.5.2  
RECOVER Performance Measure