

Inundation Summary for Indicator Regions

Indicator Region Number/Name (NSM Avg Elev,WMM Avg Elev)	NSM462	2005BS	05LEC	05LORS	06LORS	07LORS
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100 WCA-1 North (16.97,16.05)						
Number of Inundation Events	15	27	27	27	27	27
Avg. Inundation Duration (wks/event)	118	60	60	60	60	60
Inundation (Percent of POR)	94	86	86	86	87	87
101 WCA-1 Central (15.97,15.28)						
Number of Inundation Events	17	8	8	8	8	8
Avg. Inundation Duration (wks/event)	100	226	226	226	226	226
Inundation (Percent of POR)	91	97	97	97	97	97
102 WCA-1 South (15.02,14.54)						
Number of Inundation Events	18	2	2	2	2	2
Avg. Inundation Duration (wks/event)	91	935	935	935	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	20	20	21	21	21
Avg. Inundation Duration (wks/event)	66	83	83	79	79	79
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	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	112	112
Inundation (Percent of POR)	91	90	90	90	90	90
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	89
114 WCA-3A NW Corner (12.77,10.58)						
Number of Inundation Events	12	23	23	22	21	21
Avg. Inundation Duration (wks/event)	146	70	70	73	77	77
Inundation (Percent of POR)	94	86	86	86	86	86
115 WCA-3A North (12.58,10.00)						
Number of Inundation Events	14	15	15	15	15	15
Avg. Inundation Duration (wks/event)	122	114	114	114	114	114
Inundation (Percent of POR)	92	91	91	91	91	91
116 WCA-3A NE (12.26, 9.42)						

Number of Inundation Events	19	12	12	13	13	13
Avg. Inundation Duration (wks/event)	86	145	145	133	133	133
Inundation (Percent of POR)	87	93	93	92	92	92

117 WCA-3A NW (11.74, 9.58)

Number of Inundation Events	10	13	13	12	12	12
Avg. Inundation Duration (wks/event)	179	137	137	148	147	147
Inundation (Percent of POR)	96	95	95	95	94	94

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

Number of Inundation Events	14	13	13	14	14	14
Avg. Inundation Duration (wks/event)	122	133	133	123	122	122
Inundation (Percent of POR)	91	92	92	92	91	91

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119 WCA-3A East (10.15, 7.53)

Number of Inundation Events	14	5	5	6	6	6
Avg. Inundation Duration (wks/event)	122	366	366	305	304	304
Inundation (Percent of POR)	91	98	98	98	97	97

120 WCA-3A West (10.60, 9.71)

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

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

Number of Inundation Events	14	10	10	9	10	10
Avg. Inundation Duration (wks/event)	124	178	178	197	177	177
Inundation (Percent of POR)	92	95	95	95	95	94

122 WCA-3A Gap (9.94, 9.28)

Number of Inundation Events	12	15	15	16	16	16
Avg. Inundation Duration (wks/event)	145	116	116	108	108	108
Inundation (Percent of POR)	93	93	93	92	92	92

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

Number of Inundation Events	16	9	9	9	10	10
Avg. Inundation Duration (wks/event)	106	196	196	196	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	8	8	9	10	9
Avg. Inundation Duration (wks/event)	124	229	229	203	183	203
Inundation (Percent of POR)	93	98	98	98	97	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	198	198	198	198	198
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	197	197	197	197	197
Inundation (Percent of POR)	96	95	95	95	95	95

127 Pennsuco Wetlands (6.82, 5.62)

Number of Inundation Events	7	17	17	18	19	21
AVg. Inundation Duration (wks/event)	260	87	87	82	77	70
Inundation (Percent of POR)	97	79	79	79	78	78

128 WCA-3B East (6.77, 6.01)

Number of Inundation Events	8	14	14	17	17	17
AVg. Inundation Duration (wks/event)	226	113	113	93	93	93
Inundation (Percent of POR)	96	85	85	85	85	85

129 NE Shark Slough (5.91, 5.91)

Number of Inundation Events	3	18	18	16	16	16
AVg. Inundation Duration (wks/event)	617	90	90	105	104	104
Inundation (Percent of POR)	99	86	86	89	89	89

130 Mid Shark Slough (5.23, 5.23)

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

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131 SW Shark Slough (3.26, 3.26)

Number of Inundation Events	8	20	20	18	18	18
AVg. Inundation Duration (wks/event)	218	80	80	90	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	25	25	24	24	24
AVg. Inundation Duration (wks/event)	174	62	62	66	65	65
Inundation (Percent of POR)	93	83	83	84	84	84

133 Taylor Slough (1.32, 1.32)

Number of Inundation Events	25	35	35	34	34	34
AVg. Inundation Duration (wks/event)	54	36	36	37	37	37
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	37	38	38
	AVg. Inundation Duration (wks/event)	48	30	30	31	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	30	30	30	29	29
	AVg. Inundation Duration (wks/event)	87	41	41	41	43	43
	Inundation (Percent of POR)	84	66	66	66	66	66
142	Rocky Glades	(6.32, 6.32)					
	Number of Inundation Events	20	36	36	31	31	30
	AVg. Inundation Duration (wks/event)	75	27	27	39	38	40
	Inundation (Percent of POR)	80	53	53	64	64	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	36	36	34	34	34
	AVg. Inundation Duration (wks/event)	28	22	22	23	23	23
	Inundation (Percent of POR)	47	41	41	42	42	42
145	East Perrine Marl Marsh	(1.89, 1.89)					
	Number of Inundation Events	36	43	43	41	41	41
	AVg. Inundation Duration (wks/event)	27	15	15	16	16	16
	Inundation (Percent of POR)	51	35	35	36	36	36
146	Model Lands Marl Marsh	(2.00, 2.00)					
	Number of Inundation Events	41	45	45	46	46	46
	AVg. Inundation Duration (wks/event)	25	11	11	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	36	36	33	33	32
	AVg. Inundation Duration (wks/event)	70	26	26	35	35	37
	Inundation (Percent of POR)	79	51	51	62	62	62
148	Rocky Glades West	(6.30, 6.30)					
	Number of Inundation Events	19	30	30	29	30	29
	AVg. Inundation Duration (wks/event)	82	36	36	43	42	43
	Inundation (Percent of POR)	83	57	57	67	67	67

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150	Corbett West	(22.31, 21.74)					
Number of Inundation Events	37	33	33	33	33	33	
AVg. Inundation Duration (wks/event)	30	4	4	4	4	4	
Inundation (Percent of POR)	59	8	8	8	8	8	
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	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	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	19	19	18	18	
AVg. Inundation Duration (wks/event)	25	6	6	5	5	5	
Inundation (Percent of POR)	47	6	6	6	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	40	40	41	42	42	
AVg. Inundation Duration (wks/event)	33	25	25	24	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	15	15	17	17	16	
AVg. Inundation Duration (wks/event)	97	114	114	100	100	107	
Inundation (Percent of POR)	88	91	91	91	91	91	
29W	S-12s Headwater	(7.49, 7.46)					
Number of Inundation Events	16	8	8	8	9	9	
AVg. Inundation Duration (wks/event)	107	222	222	222	196	196	
Inundation (Percent of POR)	91	95	95	95	94	94	

14 Old South WCA-3A

(7.76, 7.67)

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

69 L-67A

(8.25, 6.93)

Number of Inundation Events	17	5	5	5	6	5
Avg. Inundation Duration (wks/event)	99	369	369	368	307	368
Inundation (Percent of POR)	90	99	99	98	98	98

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6969 East of C-111

(6.21, 6.21)

Number of Inundation Events	27	39	39	46	47	45
Avg. Inundation Duration (wks/event)	46	21	21	24	23	24
Inundation (Percent of POR)	66	44	44	58	57	58

EA1 EAA to WCA1

(13.84,11.68)

Number of Inundation Events	16	16	16	17	17	17
Avg. Inundation Duration (wks/event)	106	107	107	101	101	101
Inundation (Percent of POR)	91	92	92	92	92	92

EA2 EAA to WCA-2A

(13.84,11.68)

Number of Inundation Events	16	16	16	17	17	17
Avg. Inundation Duration (wks/event)	106	107	107	101	101	101
Inundation (Percent of POR)	91	92	92	92	92	92

EA3 EAA to WCA-3Aa

(13.84,11.68)

Number of Inundation Events	16	16	16	17	17	17
Avg. Inundation Duration (wks/event)	106	107	107	101	101	101
Inundation (Percent of POR)	91	92	92	92	92	92

EA4 EAA to WCA-3Ab

(13.84,11.68)

Number of Inundation Events	16	16	16	17	17	17
Avg. Inundation Duration (wks/event)	106	107	107	101	101	101
Inundation (Percent of POR)	91	92	92	92	92	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 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: Thu Mar 23 18:51:34 EST 2006
SFWMM 5.5.2
RECOVER Performance Measure