Day	Lower Low		Middle Low		Upper Low		Intermediate		High		Max	
	Caloos S-79 (cfs)	St. Lucie S-80 (cfs)	Caloos S-79 (cfs)	St. Lucie S-80 (cfs)	Caloos S-79 (cfs)	St. Lucie S-80 (cfs)	Caloos S-77 (cfs)	St. Lucie S-80 (cfs)	Caloos S-77 (cfs)	St. Lucie S-80 (cfs)	Caloos S-77 (cfs)	St. Lucie S-80 (cfs)
1	2000	1200	2300	1500	2000	1800	4000	1800	6500	2800	9000	7600
2	2000	1600	2300	2000	5500	2400	4000	1800	6500	2800	9000	7600
3	2000	1400	2300	1800	6500	2100	4000	1800	6500	2800	9000	7600
4	2000	1000	2300	1200	5000	1500	4000	1800	6500	2800	9000	7600
5	2000	700	2300	900	4000	1000	4000	1800	6500	2800	9000	7600
6	2000	600	2300	700	3000	900	4000	1800	6500	2800	9000	7600
7	2000	400	2300	500	2000	600	4000	1800	6500	2800	9000	7600
8	2000	400	2300	500	1000	600	4000	1800	6500	2800	9000	7600
9	2000	0	2300	400	500	400	4000	1800	6500	2800	9000	7600
10	2000	0	2300	0	500	400	4000	1800	6500	2800	9000	7600

Avg cfs	2000	730	2300	950	3000	1170	4000	1800	6500	2800	9000	7600
Avg ac-ft/day	3967	1448	4562	1884	5950	2321	7934	3570	12893	5554	17851	15074
# of days: 10												
10 day stage drop @	0.14	0.05	0.16	0.07	0.20	0.09	0.27	0.13	0.43	0.19	0.59	0.50
10.00 ft	**0.19**		**0.23**		**0.29**		**0.4**		**0.62**		**1.09**	
Days to drop Lake by	78	213	68	163	52	133	39	86	24	55	17	20
1 ft	**57**		**48**		**37**		**27**		**17**		**9**	
10 day stage drop @	0.13	0.05	0.14	0.06	0.19	0.08	0.25	0.11	0.40	0.18	0.55	0.47
11.00 ft	**0.18**		**0.2**		**0.27**		**0.36**		**0.58**		**1.02**	
Days to drop Lake by	83	227	72	175	55	142	41	92	26	59	18	22
1 ft	**61**		**51**		**40**		**28**		**18**		**10**	
10 day stage drop @	0.12	0.05	0.13	0.06	0.17	0.07	0.23	0.10	0.37	0.16	0.51	0.43
12.00 ft	**0.17**		**0.19**		**0.24**		**0.33**		**0.53**		**0.94**	
Days to drop Lake by	90	246	78	189	60	153	45	100	28	64	20	24
1 ft	**66**		**55**		**43**		**31**		**19**		**11**	
10 day stage drop @	0.11	0.04	0.12	0.05	0.16	0.06	0.21	0.10	0.34	0.15	0.47	0.40
13.00 ft	**0.15**		**0.17**		**0.22**		**0.31**		**0.49**		**0.87**	
Days to drop Lake by	97	267	85	205	65	166	49	108	30	69	22	26
1 ft	**71**		**60**		**47**		**34**		**21**		**12**	
10 day stage drop @	0.10	0.04	0.11	0.05	0.15	0.06	0.19	0.09	0.31	0.14	0.43	0.36
14.00 ft	**0.14**		**0.16**		**0.21**		**0.28**		**0.45**		**0.79**	
Days to drop Lake by	106	289	92	222	70	181	53	117	32	75	23	28
1 ft	**78**		**65**		**50**		**36**		**22**		**13**	
10 day stage drop @	0.10	0.04	0.11	0.05	0.15	0.06	0.19	0.09	0.31	0.14	0.43	0.36
15.00 ft	**0.14**		**0.16**		**0.21**		**0.28**		**0.45**		**0.79**	
Days to drop Lake by	107	292	93	225	71	182	53	118	33	76	24	28
1 ft	**78**		**66**		**51**		**37**		**23**		**13**	
10 day stage drop @	0.10	0.04	0.11	0.05	0.14	0.06	0.19	0.09	0.30	0.13	0.42	0.36
16.00 ft	**0.14**		**0.16**		**0.2**		**0.28**		**0.43**		**0.78**	
Days to drop Lake by	108	297	94	228	72	185	54	120	33	77	24	29
1 ft	**79**		**67**		**52**		**37**		**23**		**13**	
10 day stage drop @	0.09	0.04	0.11	0.05	0.14	0.06	0.18	0.08	0.29	0.13	0.40	0.34
17.00 ft	**0.13**		**0.16**		**0.2**		**0.26**		**0.42**		**0.74**	
Days to drop Lake by	113	311	99	239	76	194	57	126	35	81	25	30
1 ft	**83**		**70**		**55**		**39**		**24**		**14**	
10 day stage drop @	0.09	0.04	0.10	0.05	0.13	0.06	0.18	0.08	0.28	0.13	0.39	0.33
18.00 ft	**0.13**		**0.15**		**0.19**		**0.26**		**0.41**		**0.72**	
Days to drop Lake by	117	320	101	246	78	199	58	130	36	83	26	31
1 ft	**86**		**72**		**56**		**40**		**25**		**14**	

*Calculations for lake stage reductions assume that S-79 flows are entirely from Lake Okeechobee. In practice, this rarely occurs.

1 cfs/day = 1.9835 ac-ft/day

Olympic Swimming Pool = 2.03 ac-ft

	Area		Size ratio to	Rate (cfs)	Rate (cfs)	Rate (cfs)
	mi^2	acres	Lake Oke	0.1 feet/week	0.01 feet/day	1 in/day
Lake Oke *	698	446720	1.00	3223	2256	18801
WCA1 +	234	149760	0.34	1081	756	6303
WCA2A + *	165	105600	0.24	762	533	4444
WCA2B +	49	31360	0.07	226	158	1320
WCA3A +	772	494080	1.11	3565	2495	20795
WCA3B *	150	96000	0.21	693	485	4040
Total WCAs	1370	876800	1.96			

*Source of area: ViewRain +Source of area: Paul Linton

Elevation (ft., NGVD)	Surface Area (ac)	Surface Area (mi^2)
9	310,000	484
10	320,000	500
11	345,000	539
12	375,000	586
13	405,000	633
14	420,000	656
15	425,000	664
16	440,000	688
17	455,000	711
18	460,000	719
19	465,000	727
20	470,000	734

Capacity	Design	Notes	
S-77	9,300	9,000 POR max @ 18.5	16-16.5
S-78	8,660	9,300 POR max	6500-8000
S-79	28,900	21,000 POR max	
S-308	14,800	7,600 POR max @18.5 (canal limits)	4000-5000
S-80	16,900	9,000 POR max	