

Appendix 2-5: Water Year 2011 Monthly Inflows and Outflows

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¹ Contributed as SFWMD staff during the draft SFER production cycle.

Table 1. Lake Kissimmee and Lake Istokpoga monthly outflows.

Date		S65_S	S68_S
		ac-ft	ac-ft
2010	May	157303	12046
2010	Jun	40638	9425
2010	Jul	26178	52593
2010	Aug	44519	26855
2010	Sep	22409	11275
2010	Oct	18049	1086
2010	Nov	13873	1665
2010	Dec	14622	2375
2011	Jan	14582	0
2011	Feb	17100	477
2011	Mar	18331	3524
2011	Apr	76717	976
Total		464320	122298

Table 2. Lake Okeechobee monthly inflows.

Date		S127_P	S127_C	S129_P	S129_C	S131_P	S131_C	S133_P	S135_P	S135_C	S154_C	S154C_C	S191_S	S2_P	S3_P	S308.DS	S71_S	S72_S	S84_S	S65E_S	
		ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft
2010	May	559	0	409	0	274	0	508	276	0	1732	141	1041	0	0	0	2506	116	9961	156764	
2010	Jun	174	0	1066	0	581	0	177	478	0	0	113	779	356	146	0	8308	1086	6503	47650	
2010	Jul	1844	0	427	0	174	0	2195	1545	0	4047	461	15321	0	55	1470	16296	7003	46702	72700	
2010	Aug	263	0	1102	0	436	0	809	2288	0	1543	281	3947	0	0	928	14931	5423	23071	46216	
2010	Sep	647	0	758	0	299	0	3630	386	0	4173	295	11879	236	447	212	5702	1494	9836	49047	
2010	Oct	0	0	0	0	0	0	460	0	22	522	133	581	342	229	557	157	111	3	14444	
2010	Nov	0	0	0	0	0	0	0	0	58	0	82	146	97	66	0	121	0	1	7820	
2010	Dec	0	0	0	0	0	0	0	0	99	0	62	0	0	0	434	0	52	37	6406	
2011	Jan	0	0	0	132	0	0	0	0	243	0	88	0	0	245	2688	0	0	340	10875	
2011	Feb	0	0	0	86	0	0	0	0	0	0	64	1	0	0	464	0	0	1	10741	
2011	Mar	0	0	105	0	0	0	0	0	24	0	38	152	0	0	728	1200	546	651	8551	
2011	Apr	0	0	0	0	0	0	0	0	1	0	67	135	311	0	981	993	912	0	56040	
Total		3487	0	3868	218	1764	0	7780	4973	447	12018	1825	33981	1341	1187	8461	50214	16743	97106	487253	

Date		C-10_P	L8.441	INDUS	S236_P	S352_S	S4_P	S77_S	C12	C12A	C4A	FEC	CV5	CULV5A	G33_C	G34_C	G74_C	G75_C	G76_C	HP-7	Total	
		ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft
2010	May	0	0	866	0	0	518	0	0	0	0	3810	494	0	2	194	0	13	8	--	180191	
2010	Jun	0	0	1193	0	0	1811	0	0	0	0	4302	0	0	0	52	0	174	118	--	75067	
2010	Jul	0	0	2744	0	0	3569	0	0	0	0	12280	0	0	20	590	1248	120	122	--	190933	
2010	Aug	0	302	2306	0	0	3261	0	0	0	0	11405	0	0	1	12	495	538	230	--	119787	
2010	Sep	0	1071	1708	0	0	2283	0	0	0	0	19008	0	0	165	0	7362	525	152	--	121315	
2010	Oct	0	869	42	0	0	409	0	0	0	0	2489	0	6	0	0	0	4	0	--	21380	
2010	Nov	0	0	0	0	0	376	0	0	0	0	936	0	495	0	0	0	0	0	--	10197	
2010	Dec	0	0	34	0	0	76	0	0	0	0	220	0	13503	0	0	0	60	281	--	21265	
2011	Jan	0	145	882	0	0	344	0	0	0	0	561	0	406	0	0	416	0	358	--	17723	
2011	Feb	0	0	58	0	0	183	0	0	0	0	652	5	0	0	0	25	1	217	--	12498	
2011	Mar	0	254	1204	0	0	254	0	0	0	0	130	0	1003	0	0	0	1	121	--	14962	
2011	Apr	0	0	190	0	0	193	587	0	0	0	164	0	1649	0	0	0	0	0	--	62224	
Total		0	2641	11226	0	0	13277	587	0	0	0	55958	499	17062	187	847	9546	1435	1607	0	847541	

Table 3. Lake Okeechobee monthly outflows.

Date		S127_C	S129_C	S131_C	S135_C	S191_S	S308_DS	S351_S	S351_TEMP	S352_S	352_TEMP	S354_S	S354_TEMP	S77_S
		ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft
2010	May	0	0	0	356	0	95630	17536	0	6518	0	19906	0	195668
2010	Jun	86	0	0	352	0	62385	12761	0	8169	0	7328	0	112403
2010	Jul	0	0	69	494	0	53741	15748	0	6851	0	9239	0	105919
2010	Aug	1	0	0	1069	0	10973	2007	0	285	0	9657	0	18064
2010	Sep	292	0	0	141	0	12792	99	0	151	0	556	0	4643
2010	Oct	276	282	212	751	0	3327	19099	0	4313	0	12478	0	29485
2010	Nov	44	57	208	140	0	15009	13239	0	9473	0	7764	0	29929
2010	Dec	0	0	0	306	0	9763	20440	0	13785	0	10335	0	35191
2011	Jan	0	0	0	0	0	1844	4335	0	2866	0	1775	0	0
2011	Feb	0	0	0	0	0	3251	17351	0	4127	0	17648	0	17066
2011	Mar	0	0	0	255	0	13438	44889	0	14991	0	39531	0	18101
2011	Apr	0	5	0	5	0	3227	43705	0	15007	0	25427	0	19839
Total		699	344	490	3868	0	285379	211209	0	86537	0	161644	0	586309

Date		INDUS	G207/G208	G33_C	G34_C	G74_C	G75_C	G76_C	HP-7	L8.441	CV5	CULV5A	Total
		ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft
2010	May	2168	0	24	0	0	0	0	--	22297	136	6743	366981
2010	Jun	2017	0	0	0	0	0	0	--	16251	6	5800	227558
2010	Jul	1406	0	0	0	0	0	0	--	15985	0	5049	214501
2010	Aug	568	0	0	0	0	0	0	--	12442	0	4092	59159
2010	Sep	790	0	0	0	0	0	0	--	7283	0	7311	34060
2010	Oct	4209	1182	0	0	0	0	0	--	10999	0	4326	90939
2010	Nov	2280	3394	0	0	0	0	0	--	9809	0	2856	94203
2010	Dec	5093	3073	0	0	0	0	0	--	11308	0	334	109627
2011	Jan	1242	1181	0	0	0	0	0	--	6662	0	1883	21788
2011	Feb	6353	1534	0	0	0	0	0	--	7539	0	3320	78188
2011	Mar	5247	1826	0	0	0	0	0	--	5792	0	2354	146424
2011	Apr	6923	779	0	0	0	0	0	--	3552	0	1730	120199
Total		38298	12968	24	0	0	0	0	0	129920	142	45797	1563628

Table 4. Indian River Lagoon and St. Lucie Estuary monthly flows.

Date		S48_S	S49_S	S50_S	S80_S	Total
		ac-ft	ac-ft	ac-ft	ac-ft	ac-ft
2010	May	3984	7324	5592	92961	109861
2010	Jun	7404	20227	18718	69504	115853
2010	Jul	2020	23499	13512	61250	100281
2010	Aug	7769	23435	11258	25335	67797
2010	Sep	9449	19100	12258	19176	59983
2010	Oct	1454	0	2946	567	4967
2010	Nov	457	84	424	0	965
2010	Dec	159	23521	130	0	23810
2011	Jan	328	2293	151	0	2772
2011	Feb	253	8193	182	0	8628
2011	Mar	215	20791	188	0	21194
2011	Apr	153	11615	155	0	11923
Total		33645	160082	65514	268793	528034

Table 5. Monthly inflows from Lake Okeechobee into the Caloosahatchee River (S77_S) and outflows (S79_S).

Date		S77_S	S79_S
		ac-ft	ac-ft
2010	May	195668	292566
2010	Jun	112403	199441
2010	Jul	105919	299568
2010	Aug	18064	153882
2010	Sep	4643	81308
2010	Oct	29485	17953
2010	Nov	29929	30002
2010	Dec	35191	17032
2011	Jan	0	12984
2011	Feb	17066	17667
2011	Mar	18101	15741
2011	Apr	19839	2910
Total		586309	1141054

Table 6. Inflows to Water Conservation Area 1 through each structure.

Date		G251_P	G94A,B,C_C	G300_S	G301_S	G310_P	G338_C	S10_T	S362_P	Total
		ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft
2010	May	0	0	0	0	554	0	0	1169	1723
2010	June	3349	0	0	0	22662	0	0	4361	30372
2010	July	2449	0	0	0	13810	0	0	2308	18567
2010	Aug	2363	0	0	0	31630	0	0	3329	37322
2010	Sept	6378	0	0	0	26048	0	0	6510	38936
2010	Oct	868	0	0	0	2222	0	0	4147	7236
2010	Nov	0	0	0	0	151	0	0	662	813
2010	Dec	0	0	0	0	0	0	0	301	301
2011	Jan	874	0	0	0	5455	0	0	1107	7436
2011	Feb	183	0	0	0	2495	0	0	161	2840
2011	Mar	963	0	0	0	1020	0	0	629	2613
2011	Apr	704	0	0	0	2704	0	0	1074	4482
Total		18131	0	0	0	108752	0	0	25758	152641

Table 7. Outflows from Water Conservation Area 1 through each structure.

Date		G94A,B,C_C	S10_T	S39_S	G300_S	G301_S	G338_C	Total
		ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft
2010	May	7276	85973	2	1	1	1	93255
2010	June	114	38472	9097	0	1	0	47684
2010	July	895	9197	9658	0	5	0	19755
2010	Aug	1992	0	0	0	0	0	1992
2010	Sept	0	0	8	5	2	0	15
2010	Oct	375	0	104	0	0	1	480
2010	Nov	623	0	727	0	240	0	1591
2010	Dec	5022	0	3050	1	0	0	8073
2011	Jan	3791	0	6488	0	74	108	10461
2011	Feb	6796	0	4460	663	372	2	12293
2011	Mar	5500	0	4830	5195	1513	6	17044
2011	Apr	998	0	2672	1097	0	0	4767
Total		33382	133642	41097	6962	2208	119	217410

Table 8. Inflows to Water Conservation Area 2 through each structure.

Date		S7	S10_T	S142_C	G335_P	G339_S	Total
		ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft
2010	May	3489	85973	0	4806	0	94268
2010	June	41711	38472	0	31135	0	111318
2010	July	33411	9197	0	27830	0	70438
2010	Aug	33140	0	0	28730	0	61870
2010	Sept	47237	0	0	46092	0	93329
2010	Oct	7431	0	0	4692	0	12123
2010	Nov	0	0	0	0	0	0
2010	Dec	0	0	0	0	0	0
2011	Jan	360	0	0	4098	0	4458
2011	Feb	4319	0	0	789	0	5108
2011	Mar	0	0	0	6205	0	6205
2011	Apr	1963	0	0	5540	0	7503
Total		173060	133642	0	159917	0	466619

Table 9. Outflows from Water Conservation Area 2 through each structure.

Date		S7	S11_T	S142_C	S34_C	S38_C	G339_S	Total
		ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft
2010	May	0	29842	12133	16232	19921	189	78316
2010	June	0	65481	0	0	13081	0	78563
2010	July	0	74641	--	0	19249	0	93890
2010	Aug	0	27418	--	0	6506	0	33925
2010	Sept	0	56952	--	0	16922	0	73875
2010	Oct	0	0	--	1124	5840	1	6965
2010	Nov	21688	0	--	2	809	171	22670
2010	Dec	6008	0	--	0	3474	149	9631
2011	Jan	1212	0	--	0	6312	0	7524
2011	Feb	0	0	--	2	7449	0	7451
2011	Mar	0	0	--	0	5069	0	5069
2011	Apr	0	0	--	0	1928	1	1929
Total		28908	254334	12133	17360	106562	511	419808

Table 10. Inflows to Water Conservation Area 3 through each structure.

Date		S11_T	S140_T	S142_C	S150_C	S190_S	S8	S9_P	S9A_P	G123_P	Total
		ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft
2010	May	29842	9148	12133	3447	3518	6416	609	5346	0	70459
2010	June	65481	12458	0	3849	4265	36799	5458	9268	0	137579
2010	July	74641	9127	0	3369	6963	33536	4042	11573	0	143248
2010	Aug	27418	18628	0	2166	8530	27938	11456	12492	0	108630
2010	Sept	56952	18209	0	295	13745	31048	27959	8484	0	156694
2010	Oct	0	4532	0	1824	3200	8208	3144	10593	0	31501
2010	Nov	0	2137	0	1	0	212	2064	9652	0	14066
2010	Dec	0	954	0	1	0	0	0	7963	0	8918
2011	Jan	0	1445	0	4636	1	0	457	7250	0	13789
2011	Feb	0	588	0	5910	1	0	1843	3766	0	12108
2011	Mar	0	259	0	2765	0	1144	821	2176	0	7165
2011	Apr	0	204	0	9908	5	6189	320	1486	0	18112
Total		254332	77689	12133	38171	40229	151491	58173	90048	0	722267

Table 11. Outflows from Water Conservation Area 3 through each structure.

Date		S12_T	S142_C	S150_C	S151_C	S30_C	S31_C	S333_S	S337_C	S343_T	S344_C	S8	Total
		ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft
2010	May	21741	0	30	25045	0	15718	56361	0	0	0	0	118895
2010	June	19317	0	60	23246	0	13767	28589	0	0	0	0	84979
2010	July	41168	0	149	23098	0	11913	43193	--	0	0	0	119520
2010	Aug	83150	0	100	11221	0	10344	5824	--	9742	6162	0	126543
2010	Sept	99189	0	248	20819	0	16384	2	--	15619	8527	0	160787
2010	Oct	91941	0	180	15494	0	3010	7907	--	6651	3636	0	128819
2010	Nov	22796	0	0	0	0	0	13129	--	0	0	0	35926
2010	Dec	680	0	0	0	0	0	6399	--	0	0	0	7080
2011	Jan	0	0	0	0	0	0	5674	--	0	0	0	5674
2011	Feb	0	0	0	0	0	0	6377	--	0	0	3	6380
2011	Mar	0	0	0	0	0	0	18101	--	0	0	0	18102
2011	Apr	0	0	0	0	0	0	13501	--	0	0	0	13501
Total		379983	0	766	118924	0	71136	205057	0	32012	18324	3	826206

Table 12. Inflows to Everglades National Park through each structure.

Date		S12_T	S18C_S	S175_C	S332_P	S332B_P	S332C_P	S332D_P	S333_S-S334_S	Total
		ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft	ac-ft
2010	May	21741	13304	0	0	23273	19454	9565	25909	113245
2010	June	19317	22938	0	0	26732	18093	8952	14666	110697
2010	July	41168	22267	0	0	26994	17480	13320	22914	144142
2010	Aug	83150	29148	0	0	25827	6870	26279	5027	176301
2010	Sept	99189	19501	0	0	20035	16095	22397	2	177219
2010	Oct	91941	10780	0	0	14139	3928	16367	7891	145047
2010	Nov	22796	6438	1	0	6521	143	8184	13084	57166
2010	Dec	680	0	0	0	2	0	3	1857	2542
2011	Jan	0	3116	0	0	0	0	4	276	3396
2011	Feb	0	0	0	0	5	0	15	457	477
2011	Mar	0	984	0	0	6	0	0	856	1846
2011	Apr	0	1656	0	0	11	9	0	1633	3310
Total		379983	130131	1	0	143544	82073	105085	94571	935389