

Appendix 2-5: Water Year 2008 Monthly Inflows and Outflows

Wossenu Abtew, R. Scott Huebner,
Chandra Pathak and Violeta Ciuca

Table 1. Lake Kissimmee and Lake Istokpoga monthly outflows.

Date		S65_S	S68_S
		ac-ft	ac-ft
2007	May	0	7799
2007	Jun	0	3297
2007	Jul	5591	9645
2007	Aug	27491	7883
2007	Sep	25523	0
2007	Oct	28592	0
2007	Nov	17225	0
2007	Dec	15362	184
2008	Jan	15575	1096
2008	Feb	14696	362
2008	Mar	76802	0
2008	Apr	75128	663
Total		301985	30930

Table 2. Lake Okeechobee monthly inflows.

		S127_P	S129_P	S131_P	S133_P	S135_P	S154_C	S191_S	S2_TOT	S3	S308_DS	S71_S	S72_S	S84_S	S65E_S	L8	C-10	INDUS
		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
2007	May	0	0	0	0	0	0	0	0	0	2490	0	0	286	0	0	0	34
2007	Jun	0	0	0	0	0	0	0	0	0	15295	2351	422	1017	0	2192	0	1947
2007	Jul	0	0	0	0	0	1	4361	0	0	29602	13564	2982	7113	24911	18794	0	1870
2007	Aug	0	0	166	0	0	0	674	0	0	22134	13010	2159	8100	49084	30502	0	1085
2007	Sep	0	0	0	0	0	0	4390	0	0	36621	4318	646	1714	32120	26055	0	1413
2007	Oct	0	0	0	0	0	90	10254	297	258	41552	1034	1	1263	45045	54989	0	2584
2007	Nov	0	0	0	0	0	0	1274	12	0	10830	0	0	0	14361	32106	0	411
2007	Dec	0	0	0	0	0	0	386	0	0	12139	0	0	0	8311	3669	0	329
2008	Jan	0	0	0	0	0	0	0	0	0	3182	0	0	0	8372	590	0	334
2008	Feb	0	0	0	0	0	0	0	3541	0	3118	411	0	0	7872	19954	6	2479
2008	Mar	0	0	0	0	0	0	141	0	0	2539	2654	1557	179	48883	34354	0	1923
2008	Apr	0	0	0	0	0	0	2480	0	0	547	4910	1168	1641	78110	21737	0	766
Total		0	0	166	0	0	91	23960	3850	258	180049	42253	8934	21314	317069	244942	6	15176

Table 2. Continued.

Date	S236_P	S352_S	S4_P	S77_S	C12	C12A	C4A	FEC	CULV5A	G34	G74	G75	G76	L61E	L61W	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
2007 May	0	0	0	1642	0	0	0	0	444	0	0	0	5	—	—	4902
2007 Jun	0	0	0	9777	0	0	0	1221	1607	0	0	0	0	—	—	35829
2007 Jul	0	0	0	47410	0	0	0	9842	5836	0	0	889	158	—	—	167333
2007 Aug	0	0	15	13234	0	0	0	9332	732	0	1081	1037	170	—	—	152514
2007 Sep	0	0	263	6597	0	0	0	4298	766	0	0	0	0	—	—	119202
2007 Oct	0	0	89	3761	0	0	0	4514	258	0	0	185	0	—	—	166175
2007 Nov	0	0	81	0	0	0	0	546	87	0	0	0	0	—	—	59708
2007 Dec	0	45	0	2557	0	0	0	532	193	0	0	0	0	—	—	28160
2008 Jan	0	0	114	1510	0	0	0	507	12	0	1	0	0	—	—	14622
2008 Feb	39	0	0	6899	847	0	0	367	781	0	0	0	0	—	—	46313
2008 Mar	0	0	78	2981	0	0	0	833	751	0	0	1	0	—	—	96876
2008 Apr	0	0	81	6886	0	0	0	2709	207	0	0	0	0	—	—	121241
Total	39	45	721	103254	847	0	0	34701	11675	0	1082	2112	332	0	0	1012875

Table 3. Lake Okeechobee monthly outflows.

Date	S127_P	S131_P	S308.DS	S351_S	S351_TEMP	S352_S	S352_TEMP	S354_S	S354_TEMP	S77_S	INDUS	G207/G208	L8	CULV5A	G34	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
2007 May	0	0	3652	0	34210	0	10257	0	24854	16054	3826	0	223	1476	0	94553
2007 Jun	0	0	313	0	2470	0	1231	0	534	1381	301	0	0	683	0	6914
2007 Jul	0	0	0	0	0	0	0	0	0	0	28	0	0	168	0	196
2007 Aug	0	0	0	0	0	0	0	0	0	0	144	0	0	149	0	293
2007 Sep	0	0	0	0	0	0	0	0	0	159	204	0	0	178	0	542
2007 Oct	0	0	5	0	0	0	0	0	0	435	349	0	0	644	0	1433
2007 Nov	0	0	1127	0	0	0	0	0	0	6393	1274	848	0	985	0	10627
2007 Dec	0	0	30	0	376	0	1357	0	249	3499	1361	1748	61	732	0	9412
2008 Jan	0	0	1873	0	2054	0	3348	0	1948	3697	1361	1936	95	1282	0	17595
2008 Feb	0	0	1490	0	145	0	1037	0	232	3719	509	868	0	354	0	8353
2008 Mar	0	0	1379	0	186	0	0	0	0	69	150	0	0	105	0	1889
2008 Apr	0	0	3819	0	3358	0	3329	0	3811	6895	2790	0	106	653	0	24761
Total	0	0	13688	0	42799	0	20559	0	31628	42301	12296	5400	486	7409	0	176566

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

Date		S48_S	S49_S	S50_S	S80	Total
		ac-ft	ac-ft	ac-ft	ac-ft	ac-ft
2007	May	0	0	173	0	173
2007	Jun	1403	1663	3621	0	6687
2007	Jul	7798	16371	26483	0	50652
2007	Aug	10252	17722	21428	0	49402
2007	Sep	12831	26066	25489	0	64386
2007	Oct	28960	39369	39947	0	108276
2007	Nov	11474	6078	7226	0	24779
2007	Dec	3577	1449	3062	0	8088
2008	Jan	877	6	1449	0	2333
2008	Feb	473	0	258	0	732
2008	Mar	1833	2	977	0	2812
2008	Apr	2185	3536	6098	0	11819
Total		81662	112263	136211	0	330137

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
2007	May	16054	0
2007	Jun	1381	11512
2007	Jul	0	18429
2007	Aug	0	11054
2007	Sep	159	19042
2007	Oct	435	5643
2007	Nov	6393	480
2007	Dec	3499	2670
2008	Jan	3697	5100
2008	Feb	3719	2840
2008	Mar	69	2344
2008	Apr	6895	7781
Total		42301	86895

Table 6. Inflows to Water Conservation Area 1 (WCA-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
2007	May	34	0	0	0	0	0	0	0	34
2007	June	163	0	0	0	0	0	0	608	772
2007	July	196	0	0	0	40	0	0	14814	15050
2007	Aug	0	0	0	0	16727	0	601	17926	35254
2007	Sept	15	0	0	0	28743	0	0	16079	44837
2007	Oct	0	0	0	0	37811	0	0	26252	64063
2007	Nov	0	0	0	0	2726	0	0	4829	7555
2007	Dec	1	0	0	0	1650	0	0	3628	5280
2008	Jan	3	0	0	0	42	0	0	944	989
2008	Feb	0	0	0	0	13307	0	0	10487	23793
2008	Mar	5	0	0	0	13322	0	0	17516	30844
2008	Apr	0	0	0	0	2218	0	0	12309	14527
Total		418	0	0	0	116586	1	601	125393	242999

Table 7. Outflows from WCA-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
2007	May	0	0	0	0	0	0	0
2007	June	0	0	0	0	0	0	0
2007	July	0	0	0	0	9	0	9
2007	Aug	0	0	0	6922	0	1	6923
2007	Sept	0	0	0	0	0	0	0
2007	Oct	0	20743	0	11854	0	13	32610
2007	Nov	0	0	0	24005	0	0	24005
2007	Dec	0	0	0	0	0	0	0
2008	Jan	820	0	353	0	0	1	1174
2008	Feb	10	36584	0	0	13658	0	50252
2008	Mar	0	24974	0	1	31235	0	56211
2008	Apr	0	19546	0	0	23069	1	42616
Total		830	101848	353	42782	67971	17	213801

Table 8. Inflows to Water Conservation Area 2 (WCA-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
2007	May	0	0	0	0	0	0
2007	June	16758	0	0	10855	0	27613
2007	July	7562	0	0	17760	0	25322
2007	Aug	18122	0	0	31488	0	49610
2007	Sept	21543	0	0	35340	1	56883
2007	Oct	42174	20743	0	53665	0	116583
2007	Nov	0	0	0	2985	0	2985
2007	Dec	0	0	0	12	1	13
2008	Jan	0	0	0	0	0	0
2008	Feb	6732	36584	0	21832	1	65148
2008	Mar	20931	24974	0	30138	0	76043
2008	Apr	25533	19546	0	22932	0	68011
Total		159355	101848	0	227006	3	488212

Table 9. Outflows from WCA-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
2007	May	0	0	0	0	0	0	0
2007	June	0	0	0	0	0	0	0
2007	July	0	0	0	0	0	0	0
2007	Aug	182	0	0	0	0	0	182
2007	Sept	0	0	0	0	0	0	0
2007	Oct	736	84098	0	0	0	1	84835
2007	Nov	20900	48205	0	0	0	0	69105
2007	Dec	24938	15362	0	0	104	0	40404
2008	Jan	39647	10366	0	0	411	0	50424
2008	Feb	9100	52928	0	0	191	0	62219
2008	Mar	0	86792	0	0	0	0	86792
2008	Apr	12400	106059	0	0	0	2	118461
Total		107902	403809	0	0	706	3	512421

Table 10. Inflows to Water Conservation Area 3 (WCA-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
2007	May	0	0	0	0	1	0	0	6	0	7
2007	June	0	2638	0	9118	0	90	6225	10420	0	28492
2007	July	0	11457	0	26745	2120	0	6461	8810	0	55593
2007	Aug	0	12011	0	18353	4508	0	0	5896	0	40768
2007	Sept	0	16036	0	14608	10088	9582	15670	4666	0	70650
2007	Oct	84098	18266	0	4603	6487	0	18397	13838	0	145689
2007	Nov	48205	4295	0	5791	494	0	818	8748	0	68350
2007	Dec	15362	552	0	0	0	0	0	7363	0	23277
2008	Jan	10366	0	0	0	0	0	0	6283	0	16649
2008	Feb	52928	5574	0	16177	7	2416	1463	9339	0	87903
2008	Mar	86792	8143	0	14694	79	1524	2658	6180	0	120070
2008	Apr	106059	11368	0	1497	1525	13241	941	6159	0	140791
Total		403809	90341	0	111586	25311	26853	52633	87708	0	798240

Table 11. Outflows from WCA-3 through each structure.

Date		S12_T	S140_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	ac-ft
2007	May	0	0	0	0	0	0	0	0	0	0	0	0	0
2007	June	708	0	0	0	0	0	0	1362	0	0	0	0	2070
2007	July	861	0	0	0	0	0	0	1591	0	13	0	0	2465
2007	Aug	391	0	0	0	0	0	1	1511	0	0	0	0	1903
2007	Sept	300	0	0	0	0	0	3	516	0	0	0	0	819
2007	Oct	14987	0	0	0	0	0	1	21759	0	0	0	0	36747
2007	Nov	14632	0	0	0	0	0	0	15848	0	0	0	0	30480
2007	Dec	1736	0	0	0	0	0	0	1776	0	0	0	0	3512
2008	Jan	0	0	0	0	0	0	0	1584	534	0	0	0	2118
2008	Feb	254	0	0	0	12542	0	0	1171	12964	0	0	0	26931
2008	Mar	3019	0	0	0	35944	0	12	4091	33449	2	3	0	76521
2008	Apr	9344	0	0	0	20230	0	1	15378	17444	0	0	0	62398
Total		46232	0	0	0	68716	0	18	66585	64391	15	3	0	245962

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

Date		S12_T	S18C_S	S174_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	ac-ft
2007	May	0	1352	0	0	0	1	0	0	0	1352
2007	June	708	23342	0	0	0	4433	7616	3784	1362	41245
2007	July	861	29630	0	0	0	8999	15058	5434	1567	61550
2007	Aug	391	17195	0	0	0	733	6037	1187	1489	27031
2007	Sept	300	10931	0	1	0	2409	1626	3384	516	19167
2007	Oct	14987	26932	0	0	0	8817	13440	13662	21739	99578
2007	Nov	14632	8008	0	0	0	578	5239	4446	15825	48728
2007	Dec	1736	1836	0	0	0	0	67	0	1752	5391
2008	Jan	0	1533	0	0	0	1	66	0	40	1640
2008	Feb	254	642	0	0	0	0	0	4	506	1407
2008	Mar	3019	314	0	0	0	120	7	5	4091	7556
2008	Apr	9344	2668	0	17	0	409	0	785	15378	28602
Total		46232	124383	0	19	0	26499	49157	32690	64265	343245