

Mass Balance Summary

Year: 95

Bay Rainfall = 122.4 cm/yr

Term	flow hm3	tp mt/y	orthop mt/y	dip mt/y	dop mt/y	pip mt/y	pop mt/y	tn mt/y	nox mt/y	nh4 mt/y	orgn mt/y	don mt/y	pon mt/y	dca mt/y	pca mt/y	poc mt/y	doc mt/y	psio2 mt/y	dsio2 mt/y	alk mt/y	salin mt/y	tss mt/y	chla mt/y
Inflows from Mainland																							
West	209.8	0.86	0.70	0.71	0.07	0.02	0.07	195.7	2.9	1.7	191.1	152.9	38.2	8804	440	210	3147	105	734	35665	32640	210	0.4
Broad	1291.4	5.72	4.42	4.54	0.52	0.13	0.52	1219.4	15.9	9.9	1193.6	954.8	238.7	54394	2720	1291	19371	646	4520	219542	211303	1291	2.6
Shark	3019.9	19.43	10.10	11.01	3.74	0.92	3.74	3600.4	40.3	92.4	3467.8	2774.2	693.6	134173	6709	3020	45298	1510	10570	513377	845450	3020	6.0
Sable	274.1	1.01	0.87	0.88	0.06	0.01	0.06	226.6	5.6	6.1	214.9	171.9	43.0	11271	564	274	4112	137	959	46600	45343	274	0.5
Taylor	604.4	2.22	1.89	1.92	0.13	0.03	0.13	499.5	11.8	16.4	471.3	377.1	94.3	23856	1193	604	9066	302	2115	102749	96869	604	1.2
Coastal	327.5	1.30	1.13	1.15	0.06	0.02	0.06	367.5	15.5	4.8	347.1	277.7	69.4	17250	863	328	4913	164	1146	55677	123206	328	0.7
Barnes	22.3	0.08	0.07	0.07	0.00	0.00	0.00	19.0	1.1	0.3	17.7	14.1	3.5	1223	61	22	334	11	78	3785	7445	22	0.0
S197	117.1	2.13	1.28	1.36	0.34	0.09	0.34	73.0	20.9	15.2	36.9	29.5	7.4	10024	501	117	1756	59	410	19903	40754	117	0.2
All	5866.5	32.73	20.45	21.65	4.92	1.21	4.92	6201.1	114.0	146.8	5940.3	4752.3	1188.1	260996	13050	5866	87997	2933	20533	997299	1403011	5866	11.7
Bay	931.9	3.52	3.02	3.07	0.20	0.05	0.20	867.0	27.3	21.2	818.4	654.8	163.7	41107	2055	932	13979	466	3262	158427	220075	932	1.9
Runoff from Keys																							
Upper->Bay	12.9	2.45	1.47	1.72	0.24	0.24	0.24	8.8	5.7	0.3	2.8	1.4	1.4	13	270	64	154	1	22	1632	3560	1640	0.0
Mid -> Bay	6.7	1.51	0.78	0.96	0.18	0.18	0.18	6.2	3.9	0.2	2.0	1.0	1.0	7	140	33	80	1	11	845	1844	845	0.0
Lower -> Bay	19.3	3.35	2.15	2.45	0.30	0.30	0.30	13.8	7.5	0.6	5.7	2.8	2.8	19	406	97	232	2	33	2457	5359	2405	0.0
Upper ->Reef	12.9	2.45	1.47	1.72	0.24	0.24	0.24	8.8	5.7	0.3	2.8	1.4	1.4	13	270	64	154	1	22	1632	3560	1640	0.0
Mid -> Reef	6.7	1.51	0.78	0.96	0.18	0.18	0.18	6.2	3.9	0.2	2.0	1.0	1.0	7	140	33	80	1	11	845	1844	845	0.0
Lower -> Reef	19.3	3.35	2.15	2.45	0.30	0.30	0.30	13.8	7.5	0.6	5.7	2.8	2.8	19	406	97	232	2	33	2457	5359	2405	0.0
All	77.7	14.61	8.80	10.25	1.45	1.45	1.45	57.4	34.1	2.3	21.0	10.5	10.5	78	1632	389	933	8	132	9869	21526	9779	0.1
Bay	19.5	3.96	2.25	2.68	0.43	0.43	0.43	14.9	9.6	0.5	4.8	2.4	2.4	20	410	98	234	2	33	2478	5404	2485	0.0
Wastewater from Keys																							
Upper->Bay	1.9	10.24	8.05	8.60	0.55	0.55	0.55	46.1	8.1	28.9	9.1	4.6	4.6	9	37	9	47	4	4	187	934	61	0.0
Mid -> Bay	1.2	7.68	5.83	6.29	0.46	0.46	0.46	32.5	5.4	18.5	8.7	4.3	4.3	6	24	6	30	2	2	119	595	52	0.0
Lower -> Bay	1.6	8.50	6.68	7.13	0.46	0.46	0.46	38.3	7.0	23.7	7.7	3.8	3.8	8	31	8	39	3	3	155	777	52	0.0
Upper ->Reef	1.9	9.34	7.50	7.96	0.46	0.46	0.46	43.6	8.1	28.5	7.0	3.5	3.5	9	37	9	47	4	4	186	930	52	0.0
Mid -> Reef	1.4	8.22	6.66	7.05	0.39	0.39	0.39	38.6	6.6	26.4	5.7	2.8	2.8	7	28	7	35	3	3	142	710	42	0.0
Lower -> Reef	1.8	9.68	7.87	8.32	0.45	0.45	0.45	45.9	8.1	31.3	6.4	3.2	3.2	9	36	9	44	4	4	178	888	50	0.0
All	9.7	53.65	42.59	45.36	2.77	2.77	2.77	244.9	43.2	157.2	44.5	22.2	22.2	48	193	48	242	19	19	967	4834	308	0.0
Bay	3.1	17.92	13.88	14.89	1.01	1.01	1.01	78.6	13.5	47.4	17.8	8.9	8.9	15	61	15	76	6	6	306	1528	113	0.0
Summary - All Area = 7636 km2																							
Mainland	5866.5	32.73	20.45	21.65	4.92	1.21	4.92	6201.1	114.0	146.8	5940.3	4752.3	1188.1	260996	13050	5866	87997	2933	20533	997299	1403011	5866	11.7
Runoff	77.7	14.61	8.80	10.25	1.45	1.45	1.45	57.4	34.1	2.3	21.0	10.5	10.5	78	1632	389	933	8	132	9869	21526	9779	0.1
Wastewater	9.7	53.65	42.59	45.36	2.77	2.77	2.77	244.9	43.2	157.2	44.5	22.2	22.2	48	193	48	242	19	19	967	4834	308	0.0
Atmospheric	9343.0	131.94	82.46	124.52	2.47	2.47	2.47	2465.7	1063.8	684.4	717.4	645.7	71.7	6614	0	764	15271	0	1527	7834	132420	764	7.6
Total	15296.8	232.94	154.31	201.78	11.61	7.91	11.61	8969.2	1255.1	990.9	6723.3	5430.7	1292.6	267736	14875	7067	104442	2960	22211	#####	1561791	16718	19.5
Avg Inflow Conc (ppm)		0.015	0.010	0.013	0.001	0.001	0.001	0.586	0.082	0.065	0.440	0.355	0.085	17.503	0.972	0.462	6.828	0.194	1.452	66.42	102.10	1.093	0.001
Summary - Bay Area = 1813 km2																							
Mainland	931.9	3.52	3.02	3.07	0.20	0.05	0.20	867.0	27.3	21.2	818.4	654.8	163.7	41107	2055	932	13979	466	3262	158427	220075	932	1.9
Runoff	19.5	3.96	2.25	2.68	0.43	0.43	0.43	14.9	9.6	0.5	4.8	2.4	2.4	20	410	98	234	2	33	2478	5404	2485	0.0
Wastewater	3.1	17.92	13.88	14.89	1.01	1.01	1.01	78.6	13.5	47.4	17.8	8.9	8.9	15	61	15	76	6	6	306	1528	113	0.0
Atmospheric	2218.8	31.33	19.58	29.57	0.59	0.59	0.59	585.5	252.6	162.5	170.4	153.3	17.0	1571	0	181	3627	0	363	1860	31447	181	1.8
Total	3173.3	56.73	38.74	50.21	2.22	2.07	2.22	1546.1	303.0	231.7	1011.4	819.4	192.0	42712	2526	1226	17916	474	3664	163070	258455	3711	3.7
Avg Inflow Conc (ppm)		0.018	0.012	0.016	0.001	0.001	0.001	0.487	0.095	0.073	0.319	0.258	0.061	13.460	0.796	0.386	5.646	0.149	1.155	51.39	81.45	1.169	0.001

Summaries for 'Bay' include mainland inflows from Taylor & Coastal Basins and runoff & wastewater inputs from Upper & Middle Keys