

Mass Balance Summary

Year: 97

Bay Rainfall = 140.2 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	69.4	0.20	0.20	0.20	0.00	0.00	0.00	78.6	0.8	1.7	76.1	60.8	15.2	3039	152	69	1042	35	243	11804	12344	69	0.1
Broad	355.9	1.19	1.02	1.03	0.07	0.02	0.07	413.0	6.6	8.3	398.2	318.5	79.6	16729	836	356	5339	178	1246	60507	67928	356	0.7
Shark	1206.4	9.16	3.83	4.36	2.12	0.53	2.12	1684.2	32.9	41.4	1609.9	1287.9	322.0	56238	2812	1206	18096	603	4222	205088	351035	1206	2.4
Sable	187.1	0.56	0.56	0.56	0.00	0.00	0.00	151.8	4.6	2.5	144.7	115.8	28.9	7820	391	187	2806	94	655	31804	32216	187	0.4
Taylor	435.8	1.39	1.29	1.30	0.04	0.01	0.04	361.1	18.8	5.5	336.8	269.4	67.3	18940	947	436	6537	218	1525	74084	77713	436	0.9
Coastal	158.2	0.52	0.45	0.46	0.03	0.01	0.03	222.6	2.3	3.9	216.4	173.1	43.3	8730	437	158	2373	79	554	26896	51858	158	0.3
Barnes	20.9	0.07	0.06	0.06	0.00	0.00	0.00	28.8	0.3	0.5	28.0	22.4	5.6	1156	58	21	314	10	73	3557	6872	21	0.0
S197	166.9	1.84	0.72	0.83	0.45	0.11	0.45	133.7	26.5	27.1	80.0	64.0	16.0	13756	688	167	2503	83	584	28370	55812	167	0.3
All	2600.7	14.93	8.12	8.80	2.71	0.68	2.71	3073.9	92.8	90.9	2890.1	2312.0	578.0	126410	6321	2601	39010	1300	9102	442111	655778	2601	5.2
Bay	594.0	1.91	1.74	1.75	0.07	0.02	0.07	583.7	21.1	9.4	553.2	442.5	110.6	27670	1384	594	8910	297	2079	100981	129571	594	1.2
Runoff from Keys																							
Upper->Bay	11.8	2.25	1.36	1.58	0.22	0.22	0.22	8.1	5.2	0.3	2.6	1.3	1.3	12	249	59	142	1	20	1503	3279	1510	0.0
Mid -> Bay	6.1	1.39	0.72	0.89	0.17	0.17	0.17	5.7	3.6	0.2	1.9	0.9	0.9	6	129	31	74	1	10	778	1698	778	0.0
Lower -> Bay	17.8	3.08	1.98	2.25	0.28	0.28	0.28	12.7	6.9	0.6	5.2	2.6	2.6	18	374	89	214	2	30	2262	4934	2215	0.0
Upper ->Reef	11.8	2.25	1.36	1.58	0.22	0.22	0.22	8.1	5.2	0.3	2.6	1.3	1.3	12	249	59	142	1	20	1503	3279	1510	0.0
Mid -> Reef	6.1	1.39	0.72	0.89	0.17	0.17	0.17	5.7	3.6	0.2	1.9	0.9	0.9	6	129	31	74	1	10	778	1698	778	0.0
Lower -> Reef	17.8	3.08	1.98	2.25	0.28	0.28	0.28	12.7	6.9	0.6	5.2	2.6	2.6	18	374	89	214	2	30	2262	4934	2215	0.0
All	71.6	13.46	8.10	9.44	1.34	1.34	1.34	52.9	31.4	2.1	19.3	9.7	9.7	72	1503	358	859	7	122	9088	19821	9005	0.1
Bay	18.0	3.65	2.07	2.47	0.39	0.39	0.39	13.8	8.8	0.5	4.5	2.2	2.2	18	377	90	216	2	31	2282	4976	2288	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	2600.7	14.93	8.12	8.80	2.71	0.68	2.71	3073.9	92.8	90.9	2890.1	2312.0	578.0	126410	6321	2601	39010	1300	9102	442111	655778	2601	5.2
Runoff	71.6	13.46	8.10	9.44	1.34	1.34	1.34	52.9	31.4	2.1	19.3	9.7	9.7	72	1503	358	859	7	122	9088	19821	9005	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	10705.0	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	13386.9	213.98	141.28	188.11	9.29	7.26	9.29	5837.4	1231.2	934.7	3671.3	2989.6	681.7	133144	8017	3770	55381	1327	10770	459999	812853	12677	12.9
Avg Inflow Conc (ppm)		0.016	0.011	0.014	0.001	0.001	0.001	0.436	0.092	0.070	0.274	0.223	0.051	9.946	0.599	0.282	4.137	0.099	0.805	34.36	60.72	0.947	0.001
Summary - Bay Area = 1813 km2																							
Mainland	594.0	1.91	1.74	1.75	0.07	0.02	0.07	583.7	21.1	9.4	553.2	442.5	110.6	27670	1384	594	8910	297	2079	100981	129571	594	1.2
Runoff	18.0	3.65	2.07	2.47	0.39	0.39	0.39	13.8	8.8	0.5	4.5	2.2	2.2	18	377	90	216	2	31	2282	4976	2288	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	2542.2	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	3157.3	54.80	37.28	48.68	2.06	2.01	2.06	1261.6	296.0	219.8	745.8	607.0	138.8	29274	1822	880	12829	305	2478	105428	167522	3176	3.0
Avg Inflow Conc (ppm)		0.017	0.012	0.015	0.001	0.001	0.001	0.400	0.094	0.070	0.236	0.192	0.044	9.272	0.577	0.279	4.063	0.097	0.785	33.39	53.06	1.006	0.001

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