

Mass Balance Summary

Year: 96

Bay Rainfall = 115.8 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	46.0	0.17	0.14	0.14	0.01	0.00	0.01	43.6	0.8	0.4	42.5	34.0	8.5	2613	131	46	690	23	161	7815	8572	46	0.1
Broad	447.1	1.67	1.34	1.37	0.13	0.04	0.13	456.7	8.2	3.8	444.8	355.8	89.0	26194	1310	447	6706	224	1565	75999	86106	447	0.9
Shark	1424.1	10.22	4.48	5.07	2.26	0.59	2.26	1936.6	63.3	82.1	1791.2	1432.9	358.2	77049	3852	1424	21362	712	4985	242105	465850	1424	2.8
Sable	47.3	0.21	0.14	0.15	0.03	0.01	0.03	48.0	8.7	1.1	38.2	30.5	7.6	2888	144	47	709	24	165	8037	10290	47	0.1
Taylor	219.3	0.98	0.66	0.69	0.12	0.03	0.12	212.3	18.0	3.1	191.2	153.0	38.2	11440	572	219	3290	110	768	37286	41745	219	0.4
Coastal	159.6	0.69	0.48	0.50	0.08	0.02	0.08	162.4	5.8	1.9	154.8	123.8	31.0	7670	384	160	2394	80	559	27129	49201	160	0.3
Barnes	15.1	0.06	0.05	0.05	0.01	0.00	0.01	14.1	0.5	0.2	13.5	10.8	2.7	730	36	15	226	8	53	2563	4409	15	0.0
S197	33.1	0.35	0.20	0.21	0.06	0.02	0.06	25.0	4.5	5.0	15.5	12.4	3.1	2712	136	33	496	17	116	5619	10818	33	0.1
All	2391.5	14.34	7.48	8.17	2.70	0.70	2.70	2898.8	109.7	97.6	2691.5	2153.2	538.3	131297	6565	2391	35872	1196	8370	406553	676991	2391	4.8
Bay	378.9	1.66	1.14	1.19	0.20	0.05	0.20	374.8	23.8	5.0	346.0	276.8	69.2	19110	956	379	5684	189	1326	64415	90946	379	0.8
Runoff from Keys																							
Upper->Bay	11.1	2.10	1.27	1.48	0.21	0.21	0.21	7.5	4.9	0.3	2.4	1.2	1.2	11	232	55	133	1	19	1404	3063	1411	0.0
Mid -> Bay	5.7	1.30	0.67	0.83	0.16	0.16	0.16	5.3	3.4	0.2	1.8	0.9	0.9	6	120	29	69	1	10	727	1586	727	0.0
Lower -> Bay	16.6	2.88	1.85	2.11	0.26	0.26	0.26	11.9	6.4	0.5	4.9	2.4	2.4	17	350	83	200	2	28	2114	4610	2069	0.0
Upper ->Reef	11.1	2.10	1.27	1.48	0.21	0.21	0.21	7.5	4.9	0.3	2.4	1.2	1.2	11	232	55	133	1	19	1404	3063	1411	0.0
Mid -> Reef	5.7	1.30	0.67	0.83	0.16	0.16	0.16	5.3	3.4	0.2	1.8	0.9	0.9	6	120	29	69	1	10	727	1586	727	0.0
Lower -> Reef	16.6	2.88	1.85	2.11	0.26	0.26	0.26	11.9	6.4	0.5	4.9	2.4	2.4	17	350	83	200	2	28	2114	4610	2069	0.0
All	66.9	12.57	7.57	8.82	1.25	1.25	1.25	49.4	29.3	2.0	18.1	9.0	9.0	67	1404	334	802	7	114	8491	18520	8414	0.1
Bay	16.8	3.41	1.94	2.30	0.37	0.37	0.37	12.9	8.2	0.5	4.2	2.1	2.1	17	352	84	201	2	29	2132	4650	2138	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	2391.5	14.34	7.48	8.17	2.70	0.70	2.70	2898.8	109.7	97.6	2691.5	2153.2	538.3	131297	6565	2391	35872	1196	8370	406553	676991	2391	4.8
Runoff	66.9	12.57	7.57	8.82	1.25	1.25	1.25	49.4	29.3	2.0	18.1	9.0	9.0	67	1404	334	802	7	114	8491	18520	8414	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	8838.1	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	11306.2	212.51	140.10	186.87	9.20	7.20	9.20	5658.8	1246.0	941.3	3471.5	2830.1	641.3	138026	8162	3538	52187	1222	10030	423845	832765	11877	12.5
Avg Inflow Conc (ppm)		0.019	0.012	0.017	0.001	0.001	0.001	0.501	0.110	0.083	0.307	0.250	0.057	12.208	0.722	0.313	4.616	0.108	0.887	37.49	73.66	1.050	0.001
Summary - Bay																							
	Area =	1813 km2																					
Mainland	378.9	1.66	1.14	1.19	0.20	0.05	0.20	374.8	23.8	5.0	346.0	276.8	69.2	19110	956	379	5684	189	1326	64415	90946	379	0.8
Runoff	16.8	3.41	1.94	2.30	0.37	0.37	0.37	12.9	8.2	0.5	4.2	2.1	2.1	17	352	84	201	2	29	2132	4650	2138	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	2098.9	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	2497.6	54.32	36.54	47.96	2.17	2.02	2.17	1051.8	298.1	215.4	538.3	441.1	97.2	20713	1369	659	9588	197	1723	68713	128571	2811	2.6
Avg Inflow Conc (ppm)		0.022	0.015	0.019	0.001	0.001	0.001	0.421	0.119	0.086	0.216	0.177	0.039	8.293	0.548	0.264	3.839	0.079	0.690	27.51	51.48	1.125	0.001

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