



2016 Southwest Florida Water Management District Seagrass Mapping Results

Updated 1/28/2017 - Please source SWFWMD 2016 when using this data.

	2006	2008	2010	2012	2014	2016	Change in Acreage 2014 to 2016	% Change
Charlotte Harbor Segments								
Eastern Charlotte N	3,358	2,672	3,194	3,489	3,638.36	3,684.33	46	1.3%
Eastern Charlotte S	1,461	1,166	1,246	1,372	1,428.48	1,481.68	53	3.7%
Myakka River	340	277	256	254	369.53	402.98	33	9.1%
Peace River	346	194	199	382	637.15	677.85	41	6.4%
Placida Harbor	3,877	4,473	4,546	4,640	4,711.93	4,670.68	-41	-0.9%
Southern Charlotte	2,270	2,294	2,280	2,358	2,489.37	2,551.76	62	2.5%
Cape Haze (Turtle/Bull Bays)	4,739	4,274	4,380	4,385	4,532.76	4,775.93	243	5.4%
Western Charlotte	1,975	2,023	2,006	2,030	2,088.28	2,034.46	-54	-2.6%
Charlotte Harbor Total:	18,364	17,374	18,107	18,911	19,895.86	20,279.67	384	1.9%

	2006	2008	2010	2012	2014	2016	Change in Acreage 2014 to 2016	% Change
Lemon Bay								
Lemon Bay	2,714	2,863	3,039	3,106	3,271.97	3,224.74	-47	-1.4%
Lemon Bay Total:	2,714	2,863	3,039	3,106	3,271.97	3,224.74	-47	-1.4%

	2006	2008	2010	2012	2014	2016	Change in Acreage 2014 to 2016	% Change
Sarasota Bay Segments								
Blackburn Bay	424	345	382	398	420.57	388.72	-32	-7.6%
Little Sarasota Bay	640	837	891	903	928.81	805.08	-124	-13.3%
Roberts Bay	324	299	326	305	324.81	359.57	35	10.7%
Upper Sarasota Bay N	5,829	7,673	7,930	7,930	8,160.67	8,219.69	59	0.7%
Upper Sarasota Bay S	2,637	3,487	3,162	3,051	3,453.85	3,695.59	242	7.0%
Sarasota Bay Total:	9,855	12,641	12,692	12,587	13,288.71	13,468.65	180	1.4%

	2006	2008	2010	2012	2014	2016	Change in Acreage 2014 to 2016	% Change
Clearwater/St. Joseph Sound								
Clearwater North	3,522	3,784	3,759	3,526.22	3,496.01	3,452.24	-44	-1.3%
Clearwater South	914	1,000	907	743.21	769.62	802.16	33	4.2%
St. Joseph's Sound	10,546	12,639	12,819	12,914.47	13,068.00	12,993.54	-74	-0.6%
Clearwater/SJS Total:	14,981	17,422	17,485	17,184	17,333.63	17,247.94	-86	-0.5%

	2006	2008	2010	2012	2014	2016	Change in Acreage 2014 to 2016	% Change
Tampa Bay Segments								
Boca Ciega Bay	8,961	8,457	8,554	8,544.43	8,880.43	9,070.29	190	2.1%
Hillsborough Bay	415	810	836	1,448.39	1,973.41	2,007.18	34	1.7%
Lower Tampa Bay	6,578	6,322	6,862	6,958.93	7,637.67	7,796.92	159	2.1%
Manatee River	814	638	752	654.84	656.31	723.35	67	10.2%
Middle Tampa Bay	5,089	6,659	8,208	9,025.14	9,694.21	9,652.45	-42	-0.4%
Old Tampa Bay	5,434	5,829	6,687	6,999.32	10,272.53	11,146.64	874	8.5%
Terra Ceia Bay	1,007	932	998	1,011.32	1,180.31	1,258.33	78	6.6%
Tampa Bay Total:	28,299	29,647	32,897	34,642	40,294.87	41,655.16	1,360.29	3.4%

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	2014	2016	Change in Acreage 2014 to 2016	% Change
Charlotte Harbor Segments				
Eastern Charlotte N	7.02	7.72	0.70	10.0%
Eastern Charlotte S	8.97	8.97	0.00	0.0%
Myakka River	3.77	3.80	0.03	0.7%
Peace River	0.29	0.49	0.20	71.0%
Placida Harbor	4.11	10.42	6.31	153.3%
Southern Charlotte	2.73	3.75	1.02	37.4%
Cape Haze (Turtle/Bull Bays)	12.55	18.04	5.49	43.8%
Western Charlotte			0.00	
Charlotte Harbor Total:	39.44	53.19	13.75	34.9%
			Change in Acreage 2014 to 2016	% Change
Lemon Bay	2014	2016		
Lemon Bay Total:	38.11	37.97	-0.15	-0.4%
			Change in Acreage 2014 to 2016	% Change
Sarasota Bay Segments	2014	2016		
Blackburn Bay	2.95	3.10	0.15	5.0%
Little Sarasota Bay	21.28	23.26	1.98	9.3%
Roberts Bay	20.09	21.32	1.23	6.1%
Upper Sarasota Bay N	25.41	28.89	3.48	13.7%
Upper Sarasota Bay S	0.99	1.09	0.10	10.1%
Sarasota Bay Total:	70.73	77.67	6.94	9.8%
			Change in Acreage 2014 to 2016	% Change
Clearwater/St. Joseph Sound	2014	2016		
Clearwater North	3.48	5.06	1.58	45.5%
Clearwater South	1.74	2.46	0.73	41.7%
St. Joseph's Sound	11.76	18.29	6.53	55.6%
Clearwater/SJS Total:	16.97	25.81	8.84	52.1%
			Change in Acreage 2014 to 2016	% Change
Tampa Bay Segments	2014	2016		
Boca Ciega Bay	32.49	38.26	5.76	17.7%
Hillsborough Bay	12.24	12.24	0.00	0.0%
Lower Tampa Bay	10.89	15.55	4.65	42.7%
Manatee River	0.16	5.83	5.67	3512.0%
Middle Tampa Bay	11.71	12.90	1.19	10.2%
Old Tampa Bay	59.30	73.61	14.31	24.1%
Terra Ceia Bay	4.61	7.99	3.38	73.1%
Tampa Bay Total:	131.42	166.38	34.96	26.6%

Segment	Restoration Target	Total Seagrass Target Acres	2008 Acres	2012 Acres	2014 Acres	2016 Acres	% Target
Dona and Roberts Bay	21	112	187	181	203	197.53	176%
Upper Lemon Bay		1,009	1,148	1,276	1,357	1,342.59	133%
Lower Lemon Bay	380	2,882	2,607	2,785	2,893	2,829.57	98%
Tidal Myakka		456	311	287	419	452.23	99%
Tidal Peace	591	975	247	389	648	701.43	72%
West Wall	199	2,106	2,049	2,150	2,222	2,158.04	102%
East Wall	433	3,898	2,691	3,499	3,652	3,703.71	95%
Cape Haze		6,998	6,672	6,849	6,977	7,187.80	103%
Bookelia		3,342	3,689	3,941	4,086	4,168.85	125%
Pine Island Sound		26,837	27,084		29,114	496.84	108%
Matlacha Pass	1,733	9,315	7,704		8,272	352.25	89%
San Carlos Bay		4,372	6,482		7,167		164%
Tidal Caloosahatchee*	6	93	293		411		442%
Estero Bay	591	3,662	3,590		3,683		101%
Total	3,954	66,057	64,754	21,357	71,104	23,591	136%

Annual seagrass coverage (acres) in the SBEP.													
Bay Segment	1980	Restorable	1988	1994	1996	2001	2004	2006	2008	2010	2012	2014	2016
Palma Sola	1,087	1,031	1,111	1,089	1,025	1,046	1,002	1,028	1,164	1,177	1,185	1,238	1,258
Sarasota Bay	7,557	7,269	6,323	6,910	6,750	6,862	6,646	7,436	9,997	9,917	9,798	10,378	10,659
Roberts Bay	342	282	334	347	332	273	371	325	302	329	307	326	361
Little Sarasota	958	883	533	592	770	699	763	640	837	891	902	929	806
Blackburn	302	273	411	411	374	301	468	425	346	382	399	422	390
Total	10,246	9,739	8,712	9,349	9,251	9,181	9,250	9,854	12,646	12,696	12,591	13,293	13,473

TAMPA BAYBAY SEGMENTS	YEAR															
	1950	1982	1988	1990	1992	1994	1996	1999	2002	2004	2006	2008	2010	2012	2014	2016
Boca Ciega Bay	10,800	5,770	6,258	6,805	6,952	7,116	7,699	7,464	7,673	7,731	8,961	8,457	8,554	8,554	8,880	9,070
Hillsborough Bay	2,300	0	7	47	46	147	193	192	480	566	415	810	836	836	1,973	2,007
Lower Tampa Bay	6,100	5,016	5,515	6,143	6,242	6,205	6,381	5,847	5,611	6,319	6,578	6,322	6,862	6,862	7,638	7,797
Manatee River	200	131	347	363	363	365	366	375	381	448	814	638	752	752	656	723
Middle Tampa Bay	9,600	4,042	5,205	5,307	5,270	5,775	5,541	5,639	5,723	6,269	5,089	6,659	8,208	8,208	9,694	9,652
Old Tampa Bay	10,700	5,943	5,006	5,561	5,877	5,911	5,763	4,395	5,272	4,636	5,434	5,829	6,687	6,687	10,273	11,147
Terra Ceia Bay	700	751	947	1,000	1,003	999	973	929	938	1,055	1,007	932	998	998	1,180	1,258
TOTAL	40,400	21,653	23,285	25,226	25,753	26,518	26,916	24,841	26,078	27,024	28,299	29,647	32,897	34,642	40,295	41,655