

FLORIDA FISH AND WILDLIFE CONSERVATION COMMISSION
MARINE MAMMAL PATHOBIOLOGY LABORATORY
2006 Final Manatee Mortalities

06 October 2011

Manatee Carcasses Collected Within the Known Red Tide Bloom Boundary.

COUNTY	DATE	FIELD ID	SEX	SIZE	WATERWAY	LOCATION	CAUSE
Lee	17 Jul	MSW0674	F	276 est	Pine Island Sound	Pine Island	Natural; Other (Red Tide)
Lee	20 Jul	MSW0676	F	305 est	Pine Island Sound	Sanibel	Undetermined; Decomposed (%)
Lee	23 Jul	MSW0677	F	254	Pelican Bay	Cayo Costa	Natural; Other (Red Tide)
Lee	24 Jul	MSW0678	F	235	San Carlos Bay	Sanibel	Natural; Other (Red Tide)
Lee	27 Jul	MSW0681	F	291	Shell Creek	Fort Myers	Natural; Other (Red Tide)
Lee	29 Jul	MSW0682	F	357	Caloosahatchee River	Cape Coral	Natural; Other (Red Tide)
Lee	01 Aug	MSW0683	F	332	Matanzas Pass	Fort Myers Beach	Natural; Other (Red Tide)
Lee	03 Aug	MSW0685	F	246	Estero Bay	Fort Myers Beach	Natural; Other (Red Tide)
Charlotte	05 Aug	MSW0687	U	318	Charlotte Harbor	Port Charlotte	Undetermined; Decomposed (%)
Lee	05 Aug	MSW0688	U	320 est	Hendry Creek	Fort Myers	Undetermined; Decomposed (%)
Lee	12 Aug	MSW0689	F	240 est	Pine Island Sound	St. James City	Undetermined; Decomposed (%)
Lee	19 Aug	MSW0690	M	206	Pine Island Sound	Captiva	Undetermined; Decomposed (%)
Charlotte	23 Aug	MSW0692	M	209	Lemon Bay	Englewood	Natural; Other (Red Tide)
Manatee	24 Aug	MNW0629	M	295	Sarasota Bay	Cortez	Natural; Other (Red Tide)
Sarasota	24 Aug	MSW0693	F	265	Little Sarasota Bay	Siesta Key	Undetermined; Decomposed (%)
Sarasota	02 Sep	MSW0698	M	288	Intracoastal Waterway	Venice	Natural; Other (Red Tide)
Pinellas	11 Sep	MNW0632	F	211	Big Bayou	St. Petersburg	Undetermined; Decomposed (%)
Sarasota	12 Sep	MSW06100	F	290	Lemon Bay	Venice	Natural; Other (Red Tide)
Sarasota	16 Sep	MSW06101	F	344	Intracoastal Waterway	Venice	Natural; Other (Red Tide)
Lee	22 Sep	MSW06102	F	338	Estero Bay	Fort Myers	Natural; Other (Red Tide)
Lee	03 Oct	MSW06105	M	221	San Carlos Bay	Fort Myers	Natural; Other (Red Tide)
Lee	04 Oct	MSW06106	M	283	Gulf of Mexico	Sanibel	Natural; Other (Red Tide)
Lee	15 Oct	MSW06108	M	276	Estero Bay	Fort Myers Beach	Natural; Other (Red Tide)
Lee	18 Oct	MSW06110	F	335	San Carlos Bay	Fort Myers	Natural; Other (Red Tide)
Lee	22 Oct	MSW06112	M	296	Gulf of Mexico	Boca Grande	Natural; Other (Red Tide)
Manatee	27 Oct	MNW0641	F	266	Sarasota Bay	Longboat Key	Natural; Other (Red Tide)
Sarasota	31 Oct	MSW06113	M	287	Lemon Bay	Englewood	Natural; Other (Red Tide)
Pinellas	02 Nov	MNW0642	F	326	Tampa Bay	St. Petersburg	Natural; Other (Red Tide)
Manatee	06 Nov	MNW0643	M	261	Manatee River	Bradenton	Natural; Other (Red Tide)
Lee	06 Nov	MSW06115	M	276	San Carlos Bay	Sanibel Island	Natural; Other (Red Tide)
Collier	06 Nov	MSW06116	F	300	Faka Union Canal	Port of the Islands	Natural; Other (Red Tide)
Collier	08 Nov	MSW06117	F	240	Gullivan Bay	Cape Romano	Natural; Other (Red Tide)
Monroe	09 Nov	MSW06118	U	274 est	Gulf of Mexico	Everglades NP	Verified; Not Recovered (*)
Monroe	12 Nov	MSW06121	M	220 est	Chevelier Bay	Everglades NP	Undetermined; Decomposed (%)
Collier	18 Nov	MSW06125	F	316	Sanctuary Sound	Marco Island	Natural; Other (Red Tide)
Monroe	18 Nov	MSW06126	M	276 est	Chevelier Bay	Everglades NP	Natural; Other (Red Tide)
Monroe	18 Nov	MSW06127	F	249 est	Chevelier Bay	Everglades NP	Undetermined; Decomposed (*)
Monroe	18 Nov	MSW06128	M	254	Chevelier Bay	Everglades NP	Undetermined; Decomposed (*)
Monroe	18 Nov	MSW06129	M	324	Chevelier Bay	Everglades NP	Undetermined; Decomposed (%)
Sarasota	23 Nov	MSW06131	F	279	Salt Creek	North Port	Natural; Other (Red Tide)
Lee	24 Nov	MSW06132	M	246	Orange River	Fort Myers	Undetermined; Decomposed (%)
Monroe	25 Nov	MSW06133	F	300	Cannon Bay	Everglades NP	Natural; Other (Red Tide)
Monroe	27 Nov	MSW06144	U	275 est	Two Island Bay	Everglades NP	Verified; Not Recovered (*)
Monroe	27 Nov	MSW06145	U	275 est	Alligator Bay	Everglades NP	Verified; Not Recovered (*)
Monroe	27 Nov	MSW06146	U	200 est	Rodgers Park	Everglades NP	Verified; Not Recovered (*)
Monroe	28 Nov	MSW06134	M	275	Last Hudson Bay	Everglades NP	Natural; Other (Red Tide)
Monroe	01 Dec	MSW06137	F	310 est	Huston Bay	Everglades NP	Undetermined; Decomposed (%)
Monroe	01 Dec	MSW06141	F	320 est	Chevelier Bay	Everglades NP	Natural; Other (Red Tide)
Monroe	01 Dec	MSW06142	F	285 est	Chevelier Bay	Everglades NP	Natural; Other (Red Tide)
Hillsborough	02 Dec	MNW0647	M	297	Tampa Bay	Tampa	Natural; Other (Red Tide)
Monroe	03 Dec	MSW06138	M	318 est	Last Hudson Bay	Everglades NP	Undetermined; Decomposed (%)
Monroe	03 Dec	MSW06139	F	300 est	Chevelier Bay	Everglades NP	Natural; Other (Red Tide)
Monroe	03 Dec	MSW06140	F	170 est	Chevelier Bay	Everglades NP	Undetermined; Decomposed (*)
Monroe	02 Dec	MSW06143	U	300 est	Tom's Creek	Everglades NP	Verified; Not Recovered (*)
Collier	03 Dec	MSW06147	U	214 est	Fakahatchee River	Everglades City	Verified; Not Recovered (*)
Monroe	06 Dec	MSW06149	M	290 est	Tarpon Bay	Everglades NP	Undetermined; Decomposed (*)
Monroe	07 Dec	MSW06150	U	215 est	Rodgers River Bay	Everglades NP	Verified; Not Recovered (*)
Monroe	07 Dec	MSW06151	U	305 est	Tom's Creek	Everglades NP	Verified; Not Recovered (*)
Monroe	13 Dec	MSW06153	U	318 est	Broad River	Everglades NP	Verified; Not Recovered (*)
Monroe	14 Dec	MSW06158	U	300 est	Huston Bay	Everglades NP	Verified; Not Recovered (*)
Monroe	18 Dec	MSW06156	U	315 est	Big Lostmans Bay	Everglades NP	Verified; Not Recovered (*)
Collier	19 Dec	MSW06155	F	330	Faka Union Canal	Port of the Islands	Natural; Other (Red Tide)
Collier	23 Dec	MSW06157	M	200 est	Sanctuary Sound	Marco Island	Undetermined; Decomposed (%)
Monroe	31 Dec	MSW06164	F	305 est	Wood River	Everglades NP	Verified; Not Recovered (*)

(%) (#) (*) (~) **Red Tide Suspect**

Red Tide Positive = 35

Red Tide Suspect = 29

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Red Tide Total = 64

- (Red Tide) and (+) Brevetoxin detected by ELISA analysis in Stomach Contents, Liver, Urine, or other collected sample.**
- (%) Red Tide Suspect: Low level of brevetoxin detected.**
- (#) Red Tide Suspect: Tissue samples being tested at FWRI.**
- (~) Red Tide Suspect: Tissue samples at MMPL.**
- (*) Carcass recovered within the known bloom boundary and no other cause of death was apparent. Tissues were not tested.**