

FLORIDA FISH AND WILDLIFE CONSERVATION COMMISSION
MARINE MAMMAL PATHOBIOLOGY LABORATORY
2005 Final Manatee Mortalities

05 March 2008

Manatee Carcasses Collected Within the Known Red Tide Bloom Boundary.

COUNTY	DATE	FIELD ID	SEX	SIZE	WATERWAY	LOCATION	CAUSE
Charlotte	04 Mar	MSW0525	F	307	Placida Harbor	Cape Haze	Natural; Other (Red Tide)
Lee	04 Mar	MSW0526	M	309	San Carlos Bay	St. James City	Natural; Other (Red Tide)
Charlotte	04 Mar	MSW0527	F	239	Turtle Bay	Placida	Natural; Other (Red Tide)
Charlotte	04 Mar	MSW0528	M	253	Coral Creek	Placida	Natural; Other (Red Tide)
Manatee	05 Mar	MNW0507	F	275	Sarasota Bay	Longboat Key	Natural; Other (Red Tide)
Charlotte	05 Mar	MSW0529	M	298	Lemon Bay	Englewood	Natural; Other (Red Tide)
Sarasota	05 Mar	MSW0530	M	295	Lemon Bay	Englewood	Natural; Other (Red Tide)
Sarasota	05 Mar	MSW0531	F	269	Philippe Creek	Sarasota	Natural; Other (Red Tide)
Sarasota	05 Mar	MSW0532	F	255	Lemon Bay	Englewood	Natural; Other (Red Tide)
Lee	06 Mar	MSW0533	F	306	Gasparilla Sound	Boca Grande	Natural; Other (Red Tide)
Lee	06 Mar	MSW0534	M	342	Caloosahatchee River	Cape Coral	Natural; Other (Red Tide)
Sarasota	06 Mar	MSW0535	M	269	Little Sarasota Bay	Sarasota	Natural; Other (Red Tide)
Lee	06 Mar	MSW0536	F	350	Caloosahatchee River	Fort Myers	Natural; Other (Red Tide)
Sarasota	06 Mar	MSW0538	M	274	Blackburn Bay	Nokomis	Natural; Other (Red Tide)
Lee	07 Mar	MSW0537	M	329	Matlacha Pass	Matlacha	Natural; Other (Red Tide)
Lee	07 Mar	MSW0539	F	301	Gulf of Mexico	Sanibel	Natural; Other (Red Tide)
Lee	09 Mar	MSW0540	M	295	Caloosahatchee River	Fort Myers	Natural; Other (Red Tide)
Sarasota	09 Mar	MSW0541	M	315	Gulf of Mexico	Lido Beach	Natural; Other (Red Tide)
Lee	10 Mar	MSW0544	M	291	Caloosahatchee River	Fort Myers	Natural; Other (Red Tide)
Lee	11 Mar	MSW0546	M	293	Orange River	Fort Myers	Natural; Other (Red Tide)
Hendry	12 Mar	MSW0547	F	346	Caloosahatchee River	Labelle	Undetermined; Decomposed (%)
Lee	12 Mar	MSW0548	M	191	Orange River	Fort Myers	Natural; Other (Red Tide)
Lee	12 Mar	MSW0549	F	284	Caloosahatchee River	Fort Myers	Natural; Other (Red Tide)
Sarasota	12 Mar	MSW0550	M	275	Pansy Bayou	Sarasota	Natural; Other (Red Tide)
Sarasota	12 Mar	MSW0551	M	277	Little Sarasota Bay	Sarasota	Natural; Other (Red Tide)
Lee	13 Mar	MSW0552	M	198	Orange River	Fort Myers	Natural; Other (Red Tide)
Charlotte	14 Mar	MSW0553	M	260	Turtle Bay	Cape Haze	Undetermined; Decomposed (*)
Lee	14 Mar	MSW0554 F	U	290 est	Gasparilla Sound	Sandfly Key	Undetermined; Decomposed (*)
Lee	15 Mar	MSW0556	F	247	Orange River	Fort Myers	Natural; Other (Red Tide)
Hillsborough	16 Mar	MNW0509	M	105	Tampa Bay	Apollo Beach	Perinatal; Natural (%)
Collier	16 Mar	MSW0557	F	185 est	Turner River	Chokoloskee	Undetermined; Decomposed (%)
Lee	18 Mar	MSW0559	M	215	Orange River	Fort Myers	Undetermined; Decomposed (%)
Sarasota	18 Mar	MSW0560	M	244	Lemon Bay	Englewood	Natural; Other (Red Tide)
Charlotte	20 Mar	MSW0561	M	266	Lemon Bay	Cape Haze	Natural; Other (Red Tide)
Charlotte	21 Mar	MSW0563	M	277	Lemon Bay	Grove City	Natural; Other (Red Tide)
Lee	23 Mar	MSW0564	M	252	Caloosahatchee River	Fort Myers	Natural; Other (Red Tide)
Charlotte	24 Mar	MSW0565	M	319	Charlotte Harbor	Placida	Natural; Other (Red Tide)
Lee	24 Mar	MSW0566	F	393	Caloosahatchee River	Fort Myers	Natural; Other (Red Tide)
Sarasota	25 Mar	MSW0567	M	297	Lemon Bay	Englewood	Natural; Other (Red Tide)
Charlotte	29 Mar	MSW0569	M	313 est	Turtle Bay	Placida	Natural; Other (Red Tide)
Lee	01 Apr	MSW0570	M	180	Pine Island Sound	Sanibel	Undetermined; Decomposed (%)
Lee	06 Apr	MSW0573	F	144	Caloosahatchee River	Fort Myers	Perinatal; Undetermined (*)
Manatee	09 Apr	MNW0513	M	249	Terra Ceia Bay	Palmetto	Natural; Other (Red Tide)
Manatee	10 Apr	MNW0515	M	294	Tampa Bay	Palmetto	Undetermined; Decomposed (%)
Charlotte	25 Apr	MSW0579	M	231	Placida Harbor	Placida	Natural; Other (Red Tide)
Charlotte	22 May	MSW0588	M	258	Placida Harbor	Cape Haze	Natural; Other (Red Tide)
Collier	26 May	MSW0589	M	175	Faka Union Canal	Port of the Islands	Undetermined; Decomposed (%)
Lee	26 May	MSW0590	F	349	Whiskey Creek	Fort Myers	Undetermined; Decomposed (%)
Charlotte	31 May	MSW0591	M	225	Placida Harbor	Placida	Undetermined; Decomposed (%)
Charlotte	04 Jun	MSW0592	F	109	Oyster Creek	Englewood	Perinatal; Natural (%)
Sarasota	05 Jun	MSW0593	M	292	Sarasota Bay	Sarasota	Natural; Other (Red Tide)
Manatee	14 Jun	MNW0529	F	249	Palma Sola Bay	Bradenton	Natural; Other (Red Tide)
Lee	16 Jun	MSW0595	F	115	Imperial River	Bonita Springs	Undetermined; Decomposed (%)
Manatee	17 Jun	MNW0530	F	275	Sarasota Bay	Longboat Key	Natural; Other (Red Tide)
Pinellas	23 Jun	MNW0533	M	181	Boca Ciega Bay	St. Petersburg	Natural; Other (Red Tide)
Sarasota	27 Jun	MSW0597	M	212	Sarasota Bay	Sarasota	Natural; Other (Red Tide)
Manatee	02 Jul	MNW0535	M	297	Sarasota Bay	Anna Maria Island	Natural; Other (Red Tide)
Charlotte	17 Jul	MSW05103	F	196	Placida Harbor	Little Gasparilla Island	Natural; Other (Red Tide)
Pinellas	20 Jul	MNW0539	M	238	Tampa Bay	St. Petersburg	Undetermined; Decomposed (%)
Sarasota	4 Aug	MSW05106	M	285	Sarasota Bay	Sarasota	Natural; Other (Red Tide)
Lee	15 Aug	MSW05109	M	233 est	Caloosahatchee River	Fort Myers	Undetermined; Decomposed (%)
Lee	21 Aug	MSW05111	F	317	Jug Creek	Bokeelia	Natural; Other (Red Tide)
Sarasota	31 Aug	MSW05113	M	220	Sarasota Bay	Lido Key	Natural; Other (Red Tide)
Glades	06 Sep	MSW05115	F	249	Lake Hicpochee	Moore Haven	Undetermined; Decomposed (%)
Pinellas	09 Sep	MNW0548	F	301	Intercoastal Waterway	Largo	Natural; Other (Red Tide)
Pinellas	13 Sep	MNW0551	F	292	Gulf of Mexico	Clearwater Beach	Natural; Other (Red Tide)
Pinellas	26 Sep	MNW0554	M	259	Mullet Key Bayou	St. Petersburg	Undetermined; Decomposed (%)

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COUNTY	DATE	FIELD ID	SEX	SIZE	WATERWAY	LOCATION	CAUSE
Charlotte	26 Sep	MSW05119	M	245	Bull Bay	Placida	Undetermined; Decomposed (%)
Sarasota	27 Sep	MSW05118	M	306	Sarasota Bay	Sarasota	Natural; Other (Red Tide)
Lee	27 Sep	MSW05121	F	255	Pine Island Sound	Pine Island	Natural; Other (Red Tide)
Pasco	28 Sep	MNW0555	M	307	Anclote River	Tarpon Springs	Natural; Other (Red Tide)
Charlotte	01 Oct	MSW05122	M	282	Coral Creek	Placida	Natural; Other (Red Tide)
Sarasota	01 Oct	MSW05125	M	270	Roberts Bay	Siesta Key	Natural; Other (Red Tide)
Sarasota	04 Oct	MSW05123	F	237	Sarasota Bay	Sarasota	Natural; Other (Red Tide)
Pinellas	05 Oct	MNW0556	F	298	Clearwater Harbor	Dunedin	Natural; Other (Red Tide)
Pinellas	05 Oct	MNW0557	M	156	Boca Ciega Bay	Seminole	Natural; Other (Red Tide)
Lee	08 Oct	MSW05128 <i>F</i>	U	295 est	Caloosahatchee River	Fort Myers	Undetermined; Decomposed (*)
Lee	10 Oct	MSW05129	F	208	Caloosahatchee River	Fort Myers	Natural; Other (Red Tide)
Charlotte	11 Oct	MSW05130	M	241	Turtle Bay	Placida	Natural; Other (Red Tide)
Lee	11 Oct	MSW05131	M	254	Pine Island Sound	Sanibel	Natural; Other (Red Tide)
Lee	16 Oct	MSW05133 <i>F</i>	F	270	Pine Island Sound	Cayo Costa	Natural; Other (Red Tide)
Glades	20 Oct	MSW05134	M	299	Caloosahatchee River	Ortona	Natural; Other (%)
Lee	22 Oct	MSW05135	F	296	Pine Island Sound	St. James City	Natural; Other (Red Tide)
Lee	26 Oct	MSW05136	M	282	Gasparilla Sound	Boca Grande	Natural; Other (Red Tide)
Lee	26 Oct	MSW05137	F	265	Gasparilla Sound	Boca Grande	Natural; Other (Red Tide)
Lee	03 Nov	MSW05138	M	260	Pine Island Sound	Captiva	Natural; Other (Red Tide)
Collier	05 Nov	MSW05139	M	149	Moorings Bay	Naples	Perinatal; Undetermined (%)
Lee	07 Nov	MSW05140	F	171	Spring Creek	Bonita Springs	Natural; Other (%)
Lee	09 Nov	MSW05141	M	319	San Carlos Bay	Sanibel Island	Natural; Other (Red Tide)
Lee	21 Nov	MSW05142	M	354	Charlotte Harbor	Boca Grande	Undetermined; Decomposed (%)
Lee	05 Dec	MSW05146	F	293	Daughtery Creek	North Ft. Myers	Natural; Other (Red Tide)
Collier	24 Dec	MSW05155	M	130	Smokehouse Creek	Marco Island	Perinatal; Undetermined (%)
Lee	29 Dec	MSW05160	M	285	Ten Mile Canal	San Carlos Park	Undetermined; Decomposed (%)

F Indicates a Field Necropsy was Performed.

(+) **Red Tide**

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

Red Tide Positive = 67

Red Tide Suspect = 26

Red Tide Total = 93

(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.