

FLORIDA FISH AND WILDLIFE CONSERVATION COMMISSION
MARINE MAMMAL PATHOBIOLOGY LABORATORY
2007 Final Manatee Mortalities

13 March 2008

Manatee Carcasses Collected Within the Known Red Tide Bloom Boundary.

COUNTY	DATE	FIELD ID	SEX	SIZE	WATERWAY	LOCATION	CAUSE
Lee	7-Mar	MSW0724	M	306	San Carlos Bay	Sanibel	Natural; Other (Red Tide)
Lee	14-Mar	MSW0725	F	240	Ten Mile Canal	Fort Myers	Natural; Other (Red Tide)
Lee	19-Mar	LPZ102325	F	232	San Carlos Bay	Fort Myers Beach	Natural; Other (Red Tide)
Lee	19-Mar	MSW0726	F	312	Matanzas Pass	Fort Myers Beach	Natural; Other (Red Tide)
Lee	20-Mar	MSW0727	M	220	Caloosahatchee River	Fort Myers	Undetermined; Decomposed (%)
Lee	21-Mar	MSW0728	M	221	Estero Bay	Fort Myers Beach	Natural; Other (Red Tide)
Lee	21-Mar	MSW0730	M	241	Caloosahatchee River	Cape Coral	Natural; Other (Red Tide)
Lee	22-Mar	MSW0732	M	240	Orange River	Fort Myers	Natural; Other (%)
Lee	22-Mar	MSW0733	F	331	Caloosahatchee River	Fort Myers	Natural; Other (Red Tide)
Lee	24-Mar	MSW0734	F	244	Estero Bay	Fort Myers Beach	Natural; Other (Red Tide)
Lee	24-Mar	MSW0735	M	323	Big Hickory Creek	Bonita Beach	Natural; Other (Red Tide)
Lee	24-Mar	MSW0736	F	315	Caloosahatchee River	Cape Coral	Natural; Other (Red Tide)
Lee	24-Mar	MSW0737	M	269	Matlacha Pass	Fort Myers	Natural; Other (Red Tide)
Lee	24-Mar	MSW0738	M	320	Orange River	Fort Myers	Natural; Other (%)
Lee	26-Mar	MSW0739	M	194	Imperial River	Bonita Springs	Undetermined; Decomposed (%)
Lee	26-Mar	MSW0740	M	277	Pine Island Sound	St. James City	Natural; Other (Red Tide)
Glades	26-Mar	MSW0741	F	292	Fisheating Creek	Moore Haven	Undetermined; Decomposed (%)
Lee	27-Mar	MSW0743	M	237	San Carlos Bay	Sanibel	Natural; Other (Red Tide)
Lee	27-Mar	MSW0744	M	256	Matlacha Pass	Pine Island	Natural; Other (Red Tide)
Lee	28-Mar	MSW0746	M	229	Caloosahatchee River	Cape Coral	Natural; Other (Red Tide)
Lee	28-Mar	MSW0747	F	358	Caloosahatchee River	Fort Myers	Natural; Other (Red Tide)
Lee	29-Mar	MSW0749	F	337	Orange River	Fort Myers	Natural; Other (Red Tide)
Lee	29-Mar	MSW0750	M	265	Caloosahatchee River	Fort Myers	Natural; Other (Red Tide)
Lee	30-Mar	MSW0751	F	265	Caloosahatchee River	Fort Myers	Natural; Other (Red Tide)
Lee	31-Mar	MSW0752	M	302	Caloosahatchee River	Fort Myers	Natural; Other (Red Tide)
Lee	1-Apr	MSW0753	M	302	Caloosahatchee River	Fort Myers	Natural; Other (Red Tide)
Lee	2-Apr	MSW0754	F	174	Big Hickory Bay	Bonita Springs	Natural; Other (Red Tide)
Lee	2-Apr	MSW0755	F	310	Caloosahatchee River	Fort Myers	Natural; Other (Red Tide)
Lee	3-Apr	MSW0756	M	211	San Carlos Bay	Sanibel	Undetermined; Decomposed (%)
Lee	4-Apr	MSW0757	F	314	Matlacha Pass	St. James City	Natural; Other (Red Tide)
Lee	5-Apr	MSW0758	M	210	Estero Bay	Fort Myers Beach	Undetermined; Decomposed (%)
Lee	6-Apr	MSW0761	F	215	Pine Island Sound	Sanibel	Verified; Not Recovered (*)
Lee	6-Apr	MSW0762	M	304	Caloosahatchee River	Fort Myers	Natural; Other (Red Tide)
Lee	9-Apr	MSW0763	M	274	Caloosahatchee River	Cape Coral	Natural; Other (Red Tide)
Lee	9-Apr	MSW0764	F	304	Matanzas Pass	Fort Myers Beach	Natural; Other (Red Tide)
Lee	12-Apr	MSW0765	M	263	Caloosahatchee River	Cape Coral	Natural; Other (Red Tide)
Lee	19-Apr	MSW0766	F	343	Caloosahatchee River	Fort Myers	Natural; Other (Red Tide)
Lee	20-Apr	MSW0767	F	337	Caloosahatchee River	Fort Myers	Natural; Other (Red Tide)
Lee	4-May	MSW0775	M	327	Caloosahatchee River	Cape Coral	Undetermined; Decomposed (%)
Lee	8-May	MSW0779	M	205	Caloosahatchee River	Fort Myers	Natural; Other (Red Tide)
Lee	26-Oct	MSW07116	M	200	San Carlos Bay	Fort Myers	Natural; Other (Red Tide)
Lee	26-Oct	MSW07117	M	247	San Carlos Bay	Fort Myers	Natural; Other (Red Tide)
Brevard	28-Oct	MEC0751	F	308	Mosquito Lagoon	Merrit Island	Natural; Other (Red Tide)
Volusia	5-Nov	MEC0753	M	223	Mosquito Lagoon	Edgewater	Natural; Other (Red Tide)
Volusia	6-Nov	MEC0754	M	236	Mosquito Lagoon	Oakhill	Natural; Other (Red Tide)
Brevard	23-Nov	MEC0760	F	242	Sebastian River	Fellsmere	Natural; Other (Red Tide)
Brevard	30-Nov	MEC0762	F	184	Banana River	Satellite Beach	Natural; Other (Red Tide)
Brevard	13-Dec	MEC0763	M	265	Sebastian River	Micco	Natural; Other (Red Tide)
Brevard	16-Dec	MEC0764	M	319	Sebastian River	Micco	Natural; Other (Red Tide)
Brevard	18-Dec	MEC0765	F	226	Sebastian River	Micco	Natural; Other (Red Tide)
Brevard	19-Dec	MEC0766	F	342	Indian River	Micco	Natural; Other (Red Tide)
Indian River	27-Dec	MEC0767	F	216	Sebastian River	Sebastian	Natural; Other (Red Tide)

F Indicates a Field Necropsy was Performed.

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

Red Tide Positive = 43

Red Tide Suspect = 9

Red Tide Total = 52

(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.