

FLORIDA FISH AND WILDLIFE CONSERVATION COMMISSION  
MARINE MAMMAL PATHOBIOLOGY LABORATORY

06 June 08

2003 Preliminary Manatee Mortalities  
Manatee Carcasses Collected Within the Known Red Tide Bloom Boundary.

COUNTY	DATE	FIELD ID	SEX	SIZE	WATERWAY	CITY	CAUSE
Collier	27 Feb	MSW0331	F	326	Fakaunion Canal	Port of the Islands	Natural; Other (Red Tide)
Collier	02 Mar	MSW0332	M	307	Roberts Bay	Marco Island	Natural; Other (Red Tide)
Collier	03 Mar	MSW0333	F	300	Coon Key Pass	Goodland	Natural; Other (Red Tide)
Collier	07 Mar	MSW0334	F	279	Marco River	Marco Island	Natural; Other (Red Tide)
Collier	07 Mar	MSW0335 F	U	205	Tarpon Bay	Isles of Capri	Undetermined; Decomposed (+)
Collier	13 Mar	MSW0337	F	320	Marco River	Marco Island	Natural; Other (Red Tide)
Sarasota	21 Mar	MSW0340	F	276	Intracoastal Waterway	Venice	Natural; Other (Red Tide)
Collier	22 Mar	MSW0341	M	235	Tarpon Bay	Isles of Capri	Natural; Other (Red Tide)
Lee	23 Mar	MSW0342	M	206	Mullock Creek	San Carlos Park	Natural; Other (Red Tide)
Sarasota	23 Mar	MSW0343	M	312	Lemon Bay	South Venice	Natural; Other (Red Tide)
Lee	24 Mar	MSW0344	M	287	Estero Bay	Fort Myers Beach	Natural; Other (Red Tide)
Lee	25 Mar	MSW0345	M	183	Estero Bay	San Carlos Park	Natural; Other (Red Tide)
Lee	25 Mar	MSW0346	M	301	San Carlos Bay	St. James City	Natural; Other (Red Tide)
Charlotte	26 Mar	MSW0347	M	315	Placida Harbor	Placida	Natural; Other (Red Tide)
Lee	28 Mar	MSW0349	M	247	Matlacha Pass	Matlacha	Natural; Other (Red Tide)
Lee	29 Mar	MSW0350	M	242	San Carlos Bay	St. James City	Natural; Other (Red Tide)
Lee	29 Mar	MSW0351	M	255	San Carlos Bay	Fort Myers	Natural; Other (Red Tide)
Charlotte	30 Mar	MSW0352	F	249	Placida Harbor	Placida	Natural; Other (Red Tide)
Lee	31 Mar	MSW0353	M	264	Estero Bay	Fort Myers Beach	Natural; Other (Red Tide)
Lee	01 Apr	MSW0354	M	289	Estero Bay	Fort Myers Beach	Natural; Other (Red Tide)
Charlotte	01 Apr	MSW0355	F	289	Placida Harbor	Placida	Natural; Other (Red Tide)
Lee	01 Apr	MSW0356	F	273	Gasparilla Sound	Boca Grande	Natural; Other (Red Tide)
Lee	01 Apr	MSW0357	M	269	Estero Bay	Estero	Natural; Other (Red Tide)
Charlotte	01 Apr	MSW0358	M	207	Turtle Bay	Placida	Natural; Other (Red Tide)
Lee	02 Apr	MSW0359	M	262	Charlotte Harbor	Cayo Costa	Natural; Other (Red Tide)
Lee	02 Apr	MSW0360	F	313	Caloosahatchee River	Fort Myers	Natural; Other (Red Tide)
Lee	03 Apr	MSW0361	F	263	Caloosahatchee River	Fort Myers	Natural; Other (Red Tide)
Lee	02 Apr	MSW0362	F	248	Mullock Creek	San Carlos Park	Natural; Other (Red Tide)
Lee	03 Apr	MSW0363 F	M	245	Caloosahatchee River	Fort Myers	Natural; Other (Red Tide)
Charlotte	04 Apr	MSW0364	M	214	Lemon Bay	Grove City	Natural; Other (Red Tide)
Collier	04 Apr	MSW0365	F	77	Fakaunion Canal	Port of the Islands	Perinatal; Natural (#)
Lee	04 Apr	MSW0366	M	192	Orange River	Fort Myers	Natural; Other (Red Tide)
Lee	05 Apr	MSW0367	F	220	Pine Island Sound	Pine Island	Natural; Other (Red Tide)
Lee	05 Apr	MSW0368	F	218	Caloosahatchee River	Cape Coral	Natural; Other (Red Tide)
Lee	05 Apr	MSW0369	F	275	Estero Bay	Lovers Key	Natural; Other (Red Tide)
Lee	05 Apr	MSW0370	F	244	Orange River	Fort Myers	Undetermined; Decomposed (#)
Sarasota	05 Apr	MSW0371	F	274	Lemon Bay	Englewood	Natural; Other (Red Tide)
Lee	07 Apr	MSW0372	N/A	N/A	Caloosahatchee River	Fort Myers	Verified; Not Recovered (*)
Charlotte	08 Apr	MSW0373 F	M	120	Myakka River	Port Charlotte	Undetermined; Decomposed (#)
Lee	08 Apr	MSW0374	F	291	Imperial River	Bonita Springs	Natural; Other (Red Tide)
Lee	08 Apr	MSW0376	M	265	Caloosahatchee River	Cape Coral	Natural; Other (Red Tide)
Lee	09 Apr	MSW0377	M	279	Estero Bay	Fort Myers Beach	Natural; Other (Red Tide)
Lee	11 Apr	MSW0378	F	110	Caloosahatchee River	Fort Myers	Perinatal; Natural (Red Tide)
Collier	11 Apr	MSW0379	M	220	Smokehouse Bay	Marco Island	Natural; Other (Red Tide)
Charlotte	11 Apr	MSW0381	M	294	Rock Creek	Englewood	Natural; Other (Red Tide)
Collier	12 Apr	MSW0380	M	240	Marco River	Marco Island	Natural; Other (Red Tide)
Sarasota	12 Apr	MSW0382	F	285	Intracoastal Waterway	Venice	Natural; Other (Red Tide)
Charlotte	12 Apr	MSW0383	F	314	Placida Harbor	Placida	Natural; Other (Red Tide)
Sarasota	12 Apr	MSW0385	M	289	Myakka River	North Port	Natural; Other (Red Tide)
Sarasota	13 Apr	MSW0384	M	282	Blackburn Bay	Nokomis	Natural; Other (Red Tide)
Lee	13 Apr	MSW0386	M	127	Caloosahatchee River	Fort Myers	Natural; Other (Red Tide)
Charlotte	13 Apr	MSW0387	F	311	Peace River	Morgantown	Natural; Other (Red Tide)
Charlotte	13 Apr	MSW0389	M	235	Lemon Bay	Englewood	Natural; Other (Red Tide)
Lee	14 Apr	MSW0390	M	260	Estero Bay	Fort Myers Beach	Natural; Other (Red Tide)
Charlotte	14 Apr	MSW0391	M	236	Placida Harbor	Placida	Natural; Other (Red Tide)
Lee	14 Apr	MSW0392	M	273	Pine Island Sound	Pine Island	Natural; Other (Red Tide)
Charlotte	14 Apr	MSW0393	F	335	Shell Creek	Punta Gorda	Natural; Other (Red Tide)
Sarasota	15 Apr	MSW0394	M	204	Lemon Bay	Manasota Key	Natural; Other (Red Tide)
Lee	15 Apr	MSW0395	F	320	Estero Bay	Fort Myers Beach	Natural; Other (Red Tide)
Lee	15 Apr	MSW0396	F	259	Caloosahatchee River	Fort Myers	Natural; Other (Red Tide)

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Collier	16 Apr	MSW0397	F	266	Big Marco Pass	Marco Island	Natural; Other (Red Tide)
Charlotte	17 Apr	MSW0398	M	267	Charlotte Harbor	Placida	Natural; Other (Red Tide)
Lee	17 Apr	MSW0399	F	112	Caloosahatchee River	Fort Myers	Perinatal; Natural (#)
Sarasota	18 Apr	MSW03100	M	256	Lemon Bay	Englewood	Natural; Other (Red Tide)
Lee	18 Apr	MSW03101	F	241	Hendry Creek	San Carlos Park	Natural; Other (Red Tide)
Collier	20 Apr	MSW03102	F	240	Factory Bay	Marco Island	Natural; Other (Red Tide)
Sarasota	21 Apr	MSW03103	M	205	Pansy Bayou	Longboat Key	Natural; Other (Red Tide)
Charlotte	22 Apr	MSW03104	M	228	Shell Creek	Cleveland	Natural; Other (Red Tide)
Sarasota	22 Apr	MSW0388	M	328	Sarasota Bay	Sarasota	Natural; Other (Red Tide)
Sarasota	24 Apr	MSW03105	M	301	Roberts Bay	Venice	Natural; Other (Red Tide)
Lee	24 Apr	MSW03106	F	304	Estero Bay	Fort Myers Beach	Natural; Other (Red Tide)
Sarasota	29 Apr	MSW03107	F	281	Forked Creek	Englewood	Natural; Other (#)
Lee	01 May	MSW03108	M	149	Matlacha Pass	Cape Coral	Perinatal; Natural (#)
Collier	02 May	MSW03109	M	124	Smokehouse Bay	Marco Island	Perinatal; Natural (#)
Charlotte	01 May	MSW03110	F	250	Peace River	Harbor Heights	Undetermined; Decomposed (#)
Lee	05 May	MSW03113 F	F	N/T	Matlacha Pass	Matlacha	Undetermined; Decomposed (#)
Collier	12 May	MSW03114	F	112	Gordon River	Naples	Perinatal; Undetermined (#)
Lee	16 May	MSW03117	M	133	Caloosahatchee River	Cape Coral	Perinatal; Natural (#)
Lee	18 May	MSW03118	F	274	San Carlos Bay	St. James City	Natural; Other (#)
Lee	18 May	MSW03119 F	M	244	Estero Bay	Lovers Key	Undetermined; Decomposed (#)
Lee	20 May	MSW03121	F	270	Little Carlos Pass	Bonita	Natural; Other (#)
Sarasota	28 May	MSW03125	M	258	Lemon Bay	Englewood	Natural; Other (#)
Lee	04 Jun	MSW03126	M	281	Caloosahatchee River	Cape Coral	Natural; Other (#)
Collier	05 Jun	MSW03128	F	328	Barron River	Everglades City	Natural; Other (Red Tide)
Lee	16 Jun	MSW03130	M	186	San Carlos Bay	Sanibel	Natural; Other (Red Tide)
Lee	27 Jun	MSW03134	M	259	Tarpon Bay	Sanibel	Undetermined; Decomposed (#)
Charlotte	4 July	MSW03135	F	274	Lemon Bay	Englewood	Natural; Other (Red Tide)
Lee	03 Aug	MSW03140	M	261	Big Carlos Pass	Ft. Myers Beach	Natural; Other (Red Tide)
Lee	06 Aug	MSW03142	M	199	Pine Island Sound	Sanibel	Natural; Other (Red Tide)
Lee	06 Aug	MSW03143	F	263	San Carlos Bay	Sanibel	Natural; Other (Red Tide)
Lee	06 Aug	MSW03141	M	309	Estero Bay	Estero	Natural; Other (Red Tide)
Lee	15 Aug	MSW03147	F	360	Gulf of Mexico	Sanibel Island	Natural; Other (Red Tide)
Pinellas	27 Aug	MNW0336	M	275	Gulf of Mexico	Indian Shores	Natural; Other (Red Tide)
Pinellas	03 Sept	MNW0338	M	292	Intracoastal Waterway	Redington Shores	Natural; Other (Red Tide)
Pinellas	04 Sept	MNW0339	M	307	Cross Bayou Canal	Clearwater	Natural; Other (Red Tide)
Lee	08 Sept	MSW03153	F	137	Caloosahatchee River	Ft. Myers	Perinatal; Natural (Red Tide)
Collier	14 Sept	MSW03155	F	339	Gulf of Mexico	Marco Island	Natural; Other (Red Tide)
Lee	17-Sep	MSW03156	M	296	Primo Bay	Cayo Costa	Natural; Other (Red Tide)
Lee	21 Oct	MSW03162	F	303	Charlotte Harbor	Bokeelia	Natural; Other (Red Tide)
Charlotte	25 Oct	MSW03163	M	306	Lemon Bay	Englewood	Natural; Other (Red Tide)
Charlotte	13 Nov	MSW03165	F	285	Gottfried Creek	Englewood	Natural; Other (Red Tide)

(+) Red Tide  
(#) (\*) (~) Red Tide Suspect

Red Tide Positive = 83  
Red Tide Suspect = 18  
Red Tide Total = 101

(Red Tide) and (+) Brevetoxin detected by ELISA analysis in Liver, Urine, Stomach Contents or other collected sample.  
(#) Red Tide Suspect: Tissue samples being tested at FMRI.  
(~) 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.

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|Aborted Fetus

|RT only in lung

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