

FLORIDA FISH AND WILDLIFE CONSERVATION COMMISSION
MARINE MAMMAL PATHOBIOLOGY LABORATORY
2017 Final Red Tide Manatee Mortalities, Jan 01 – December 31
Manatees Carcasses Collected Within the Known Red Tide Bloom Boundary

COUNTY	DATE	FIELD ID	SEX	SIZE	WATERWAY	LOCATION	CAUSE
Lee	1-Jan	MSW17001F	M	260	Matlacha Pass	Matlacha	Natural; Other (Red Tide)
Lee	12-Jan	MSW17002	M	248	Pine Island Sound	Sanibel	Natural; Other (Red Tide)
Lee	14-Jan	MSW17004	F	232	Caloosahatchee River	Ft. Myers	Natural; Other (+)
Lee	14-Jan	MSW17005	M	139	Matlacha Pass	Cape Coral	Perinatal; Natural (+)
Lee	16-Jan	MSW17006	M	261	Charlotte Harbor	Bokeelia	Natural; Other (Red Tide)
Lee	18-Jan	MSW17008F	F	175	Orange River	Ft. Myers	Undetermined; Too Decomposed (%)
Lee	08-Feb	MSW17015F	F	187	Caloosahatchee River	Ft. Myers	Undetermined; Too Decomposed (%)
Lee	10-Feb	MSW17016	F	177	Orange River	Ft. Myers	Undetermined; Too Decomposed (%)
Manatee	11-Feb	MNW17009	M	231	Terra Ceia Bay	Palmetto	Natural; Other (Red Tide)
Hillsborough	16-Feb	MNW17012	F	299	Old Tampa Bay	Tampa	Natural; Other (Red Tide)
Charlotte	19-Feb	MSW17019	F	277	Gasparilla Sound	Placida	Natural; Other (Red Tide)
Charlotte	24-Feb	MSW17020	M	288	Gasparilla Sound	Placida	Natural; Other (Red Tide)
Lee	25-Feb	MSW17021	F	278	Charlotte Harbor	Punta Gorda	Natural; Other (Red Tide)
Charlotte	28-Feb	MSW17022	F	253	Lemon Bay	Englewood	Natural; Other (Red Tide)
Charlotte	1-Mar	MSW17024	F	228	Lemon Bay	Palm Island	Natural; Other (Red Tide)
Charlotte	3-Mar	MSW17026	M	220	Gasparilla Sound	Placida	Natural; Other (Red Tide)
Manatee	4-Mar	MNW17016	M	217	Palma Sola Bay	Bradenton	Natural; Other (Red Tide)
Charlotte	4-Mar	MSW17027	M	322	Lemon Bay	Englewood	Natural; Other (Red Tide)
Lee	5-Mar	MSW17029	F	240	Charlotte Harbor	Boca Grande	Natural; Other (Red Tide)
Charlotte	6-Mar	MSW17031	M	301	Lemon Bay	Cape Haze	Natural; Other (Red Tide)
Sarasota	6-Mar	MSW17032	F	228	Sarasota Bay	Long Boat Key	Natural; Other (Red Tide)
Charlotte	6-Mar	MSW17033	F	231	Lemon Bay	Grove City	Natural; Other (Red Tide)
Sarasota	7-Mar	MSW17035	M	214	Blind Pass	Siesta Key	Natural; Other (Red Tide)
Charlotte	7-Mar	MSW17036	F	250	Gasparilla Sound	Boca Grande	Natural; Other (Red Tide)
Charlotte	8-Mar	MSW17037	M	263	Gasparilla Sound	Placida	Natural; Other (Red Tide)
Manatee	8-Mar	MNW17019	M	348	Manatee River	Bradenton	Natural; Other (Red Tide)
Sarasota	8-Mar	MSW17038	F	304	Lemon Bay	Englewood	Natural; Other (Red Tide)
Sarasota	11-Mar	MSW17039	M	290	Roberts Bay	Siesta Key	Natural; Other (Red Tide)
Sarasota	11-Mar	MSW17040	M	262	New Pass	Sarasota	Natural; Other (Red Tide)
Charlotte	13-Mar	MSW17042	F	269	Lemon Bay	Englewood	Natural; Other (Red Tide)
Sarasota	14-Mar	MSW17043	F	305	Forked Creek	Englewood	Natural; Other (Red Tide)
Sarasota	14-Mar	MSW17044	F	243	Gottfried Creek	Englewood	Natural; Other (Red Tide)
Lee	14-Mar	MSW17045	F	251	Charlotte Harbor	Boca Grande	Natural; Other (Red Tide)
Charlotte	15-Mar	MSW17046F	F	200	Placida Harbor	Placida	Natural; Other (Red Tide)
Sarasota	17-Mar	MSW17048	M	283	New Pass	Sarasota	Natural; Other (Red Tide)
Charlotte	17-Mar	MSW17049	F	299	Gasparilla Sound	Boca Grande	Natural; Other (Red Tide)
Manatee	17-Mar	MNW17023	M	301	Sarasota Bay	Bradenton	Natural; Other (Red Tide)
Lee	18-Mar	MSW17050	M	304	Pine Island Sound	Cayo Costa	Natural; Other (Red Tide)
Hillsborough	30-Mar	MNW17033	F	294	Cockroach Bay	Ruskin	Undetermined; Too Decomposed (%)
Sarasota	22-Mar	MSW17053	F	237	Forked Creek	Englewood	Natural; Other (Red Tide)
Lee	21-Mar	MSW17054F	M	277	Pine Island Sound	Bokeelia	Natural; Other (Red Tide)
Manatee	23-Mar	MNW17028	F	288	Sarasota Bay	Bradenton	Watercraft (+)
Charlotte	25-Mar	MSW17057	M	214	Charlotte Harbor	Punta Gorda	Undetermined; Too Decomposed (%)
Lee	25-Mar	MSW17058F	F	163	Shell Creek	Ft. Myers	Natural; Other (Red Tide)
Pinellas	26-Mar	MNW17031	M	280	Boca Ciega Bay	Gulfport	Natural; Other (Red Tide)
Sarasota	4-Apr	MSW17062	M	221	Little Sarasota Bay	Osprey	Natural; Other (Red Tide)

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Lee	5-Apr	MSW17064F	F	334	Gasparilla Sound	Boca Grande	Natural; Other (Red Tide)
Sarasota	7-Apr	MSW17065F	M	132	Myakka River	North Port	Perinatal; Natural (Stillborn; Red Tide)
Manatee	8-Apr	MNW17039	M	241	Palma Sola Bay	Bradenton	Natural; Other (Red Tide)
Sarasota	8-Apr	MSW17066	M	315	Sarasota Bay	Sarasota	Natural; Other (Red Tide)
Lee	10-Apr	MSW17067F	F	269	Pine Island Sound	North Captive Island	Natural; Other (Red Tide)
Sarasota	11-Apr	MSW17069F	F	249	Lemon Bay	Englewood	Undetermined; Too Decomposed (+)
Pinellas	13-Apr	MNW17042	M	330	Tampa Bay	St. Petersburg	Undetermined; Too Decomposed (%)
Desoto	15-Apr	MSW17072	F	317	Lettuce Lake	Arcadia	Natural; Other (Red Tide)
Charlotte	16-Apr	MSW17073	M	240	Lemon Bay	Englewood	Natural; Other (Red Tide)
Charlotte	19-Apr	MSW17075	F	244	Ainger Creek	Englewood	Natural; Other (+)
Charlotte	23-Apr	MSW17078F	M	296	Gulf of Mexico	Little Gasparilla Island	Natural; Other (Red Tide)
Sarasota	24-Apr	MSW17079	M	333	Dona Bay	Nokomis	Natural; Other (Red Tide)
Charlotte	25-Apr	MSW17081	M	210	Gasparilla Sound	Little Gasparilla Island	Undetermined; Too Decomposed (+)
Sarasota	26-Apr	MSW17082	M	221	Roberts Bay	Sarasota	Natural; Other (Red Tide)
Sarasota	9-May	MSW17086	F	200	Gottfried Creek	Englewood	Natural; Other (Red Tide)
Sarasota	10-May	MSW17087	F	207	Pansy Canal	Sarasota	Natural; Other (Red Tide)
Collier	10-May	MSW17088	M	347	Wiggins Pass	Naples	Watercraft (%)
Sarasota	12-May	MSW17090	F	277	Bird Key Channel	Sarasota	Natural; Other (Red Tide)
Lee	6-Dec	MSW17138	F	229	Caloosahatchee River	Ft. Myers	Natural; Other (Red Tide)
Lee	16-Dec	MSW17148	F	140	San Carlos Bay	Sanibel	Perinatal; Natural (%)
Lee	22-Dec	MSW17152	M	204	Orange River	Ft. Myers	Natural; Other (%)

F Indicates a Field Necropsy was Performed.

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

Red Tide Positive = 52

Red Tide Suspect = 15

Red Tide Total = 67

(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.