

FLORIDA FISH AND WILDLIFE CONSERVATION COMMISSION
MARINE MAMMAL PATHOBIOLOGY LABORATORY
2009 Final Red Tide Manatee Mortalities
Manatee Carcasses Collected Within the Known Red Tide Bloom Boundary

COUNTY	DATE	FIELD ID	SEX	SIZE	WATERWAY	LOCATION	CAUSE
Lee	7-Nov	MSW09105	F	308	San Carlos Bay	Sanibel	Undetermined; Other (%)
Lee	11-Nov	MSW09106	M	259	Orange River	Ft. Myers	Undetermined; too decomposed (%)
Lee	10-Nov	MSW09107	F	230	Orange River	Ft. Myers	Natural; Other (%)
Collier	12-Nov	MSW09108	M	256	Collier Bay	Marco Island	Natural; Other (Red Tide)
Lee	14-Nov	MSW09109	F	212	Orange River	Ft. Myers	Undetermined; too decomposed (%)
Lee	14-Nov	MSW09110	F	232	Caloosahatchee River	Ft. Myers	Natural; Other (Red Tide)
Collier	15-Nov	MSW09111	F	275	Sanctuary Sound	Marco Island	Natural; Other (Red Tide)
Lee	15-Nov	MSW09112	F	195	Caloosahatchee River	Ft. Myers	Undetermined; too decomposed (%)
Lee	15-Nov	MSW09113	F	286	Orange River	Ft. Myers	Undetermined; too decomposed (%)
Lee	16-Nov	MSW09114	F	247	Orange River	Ft. Myers	Undetermined; too decomposed (%)

F Indicates a Field Necropsy was Performed.

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

Red Tide Positive = 3

Red Tide Suspect = 7

Red Tide Total = 10

(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.