

FLORIDA FISH AND WILDLIFE CONSERVATION COMMISSION
MARINE MAMMAL PATHOBIOLOGY LABORATORY
2018 Preliminary Manatee Mortality Table with 5-Year Summary
From: 01/01/2018 To: 02/23/2018

County	Date	Field ID	Sex	Size (cm)	Waterway	City	Probable Cause
Brevard	01/02/2018	MEC18001	F	233	Indian River	Port St. John	Undetermined: Other
Lee	01/02/2018	MSW18001	M	211	San Carlos Bay	Sanibel	Human Related: Watercraft Collision
Pinellas	01/04/2018	MNW18001	M	175	Old Tampa Bay	Clearwater	Natural: Cold Stress
Charlotte	01/04/2018	MSW18002	F	228	Myakka River	Port Charlotte	Natural: Other
Lee	01/04/2018	MSW18003	M	225	Caloosahatchee River	Ft. Myers	Natural: Other
Collier	01/04/2018	MSW18004		141	Tigertail Lagoon	Marco Island	Perinatal (<= 150 cm)
St. Johns	01/05/2018	MNE18001	M	250	Tolomato River	Ponte Verdra Beach	Natural: Cold Stress
Lee	01/05/2018	MSW18005	M	298	Charlotte Harbor	Cape Coral	Natural: Other
Monroe	01/06/2018	MSE18001	F	157	Atlantic Ocean	Marathon	Natural: Cold Stress
Lee	01/06/2018	MSW18006	M	292	Matlacha Pass	Cape Coral	Natural: Other
Brevard	01/07/2018	MEC18002	F	140	Indian River	Port St. John	Perinatal (<= 150 cm)
Brevard	01/07/2018	MEC18003	M	146	Indian River	Melbourne	Natural: Cold Stress
Charlotte	01/07/2018	MSW18007	F	270	Charlotte Harbor	Placida	Natural: Other
Lee	01/07/2018	MSW18008	M	303	Matlacha Pass	Cape Coral	Natural: Other
Collier	01/07/2018	MSW18010	M	160	Gulf of Mexico	Naples	Undetermined: Other
Brevard	01/08/2018	MEC18004	F	220	Indian River	Cocoa	Human Related: Watercraft Collision
Clay	01/08/2018	MNE18002	M	208	St. Johns River	Orange Park	Natural: Cold Stress
Citrus	01/08/2018	MNW18002	F	180	Withlacoochee River	Yankeetown	Natural: Cold Stress
Miami-Dade	01/08/2018	MSE18002	M	231	Tamiami Canal	Miami	Human Related: Flood Gate/Canal Lock
Broward	01/08/2018	MSE18003	M	159	South Fork New River	Ft. Lauderdale	Natural: Cold Stress
Miami-Dade	01/08/2018	MSE18004	M	215	Seybold Canal	Miami	Undetermined: Too Decomposed
Pinellas	01/09/2018	MNW18003	M	238	Tampa Bay	St. Petersburg	Human Related: Other
Broward	01/09/2018	MSE18005	F	316	Atlantic Ocean	Dania Beach	Human Related: Other
Palm Beach	01/11/2018	MSE18006	M	235	Lake Worth Lagoon	Boynton Beach	Human Related: Watercraft Collision
Miami-Dade	01/11/2018	MSE18007	M	158	Biscayne Bay	Miami	Natural: Cold Stress
Monroe	01/11/2018	MSE18008	M	222	Barley Basin	Islamorada	Natural: Other
Lee	01/11/2018	MSW18011	M	250	Matlacha Pass	Cape Coral	Natural: Other
Lee	01/11/2018	MSW18012	F	235	Matlacha Pass	Matlacha	Human Related: Watercraft Collision
Hillsborough	01/12/2018	MNW18004	F	176	Old Tampa Bay	Tampa	Natural: Cold Stress
Citrus	01/12/2018	MNW18005	M	144	Kings Bay	Crystal River	Perinatal (<= 150 cm)
Broward	01/12/2018	MSE18009	M	271	Hillboro Mile	Hillboro Beach	Undetermined: Too Decomposed

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Martin	01/12/2018	MSE18010	F	249	Willoughby Creek	Stuart	Human Related: Watercraft Collision
Martin	01/12/2018	MSE18011	M	198	Indian River	Jensen Beach	Natural: Cold Stress
St. Lucie	01/12/2018	MSE18012	M	143	Indian River	Ft. Pierce	Perinatal (<= 150 cm)
Lee	01/12/2018	MSW18013	M	300	Gulf of Mexico	Captiva	Verified: Not Recovered
Brevard	01/13/2018	MEC18005	M	224	Banana River	Merritt Island	Natural: Cold Stress
Manatee	01/13/2018	MNW18006	M	199	Palma Sola Bay	Bradenton	Natural: Cold Stress
Miami-Dade	01/13/2018	MSE18013	U	305	Biscayne Bay	Key Biscayne	Undetermined: Too Decomposed
Collier	01/13/2018	MSW18014	F	199	Landmark Waterway	Marco Island	Natural: Cold Stress
Lee	01/13/2018	MSW18015	F	223	Imperial River	Bonita Springs	Undetermined: Too Decomposed
Collier	01/13/2018	MSW18016	M	149	Tamiami Canal	Ochopee	Perinatal (<= 150 cm)
Volusia	01/14/2018	MNE18003	M	205	Halfax River	Ormond Beach	Natural: Cold Stress
Volusia	01/14/2018	MNE18004	U	150	Halfax River	Ormond Beach	Natural: Cold Stress
Franklin	01/14/2018	MNW18007	M	268	Gulf of Mexico	Port Orange	Verified: Not Recovered
Volusia	01/15/2018	MNE18005	F	164	Tomoka River	Alligator Point	Verified: Not Recovered
Hillsborough	01/15/2018	MNW18009	F	340	Hillsborough Bay	Ormond Beach	Natural: Cold Stress
Manatee	01/15/2018	MNW18010	F	183	Manatee River	Gibsonton	Natural: Cold Stress
Broward	01/15/2018	MSE18014	M	210	Stranahan River	Palmetto	Natural: Cold Stress
Ley	01/16/2018	MNW18011	F	227	Bird Creek	Ft. Lauderdale	Natural: Cold Stress
Martin	01/16/2018	MSE18015	M	255	Lake Francis	Yankeetown	Natural: Cold Stress
Lee	01/16/2018	MSW18017	F	154	Caloosahatchee River	Hobe Sound	Natural: Cold Stress
Collier	01/16/2018	MSW18018	F	165	Halfway Creek	Ft. Myers	Natural: Cold Stress
Brevard	01/17/2018	MEC18006	M	201	Banana River	Everglades City	Undetermined: Too Decomposed
Brevard	01/17/2018	MEC18007	F	310	Indian River	Cocoa Beach	Natural: Cold Stress
Volusia	01/17/2018	MNE18006	F	240	Halfax River	Titusville	Natural: Other
Taylor	01/17/2018	MNW18012	M	240	Aucilla River	Ormond Beach	Natural: Cold Stress
Broward	01/17/2018	MSE18016	F	241	North Fork New River	Perry	Natural: Cold Stress
Palm Beach	01/17/2018	MSE18017	F	300	Lake Worth Lagoon	Ft. Lauderdale	Undetermined: Too Decomposed
Monroe	01/17/2018	MSW18019	F	155	Tarpon Bay	Palm Beach Shores	Natural: Cold Stress
Charlotte	01/17/2018	MSW18020	M	210	Myakka River	Flamingo	Verified: Not Recovered
Collier	01/17/2018	MSW18021	F	317	Faka Union Canal	Port Charlotte	Undetermined: Too Decomposed
Brevard	01/18/2018	MEC18008	F	178	Banana River	Naples	Undetermined: Too Decomposed
Brevard	01/19/2018	MEC18009	F	259	Banana River	Merritt Island	Natural: Cold Stress
Hillsborough	01/19/2018	MNW18013	F	213	Old Tampa Bay	Satellite Beach	Undetermined: Other
Broward	01/19/2018	MSE18018	F	306	Stranahan River	Tampa	Natural: Cold Stress
Brevard	01/20/2018	MEC18010	M	207	Sykes Creek	Ft. Lauderdale	Human Related: Watercraft Collision
Hillsborough	01/20/2018	MNW18014	F	170	Tampa Bay	Merritt Island	Natural: Cold Stress
Duval	01/21/2018	MNE18007	M	290	Ortega River	Apollo Beach	Natural: Cold Stress
						Jacksonville	Natural: Cold Stress

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Duval	01/21/2018	MNE18008	M	229	Ortega River	Jacksonville	Natural: Cold Stress
Clay	01/21/2018	MNE18009	F	275	St. Johns River	Green Cove Springs	Natural: Cold Stress
Hillborough	01/21/2018	MNW18015	U		Cockroach Bay	Ruskin	Verified: Not Recovered
Brevard	01/22/2018	MEC18011	F	172	Indian River	Melbourne	Natural: Cold Stress
Brevard	01/22/2018	SWFTm1717b	F	281	Banana River	Cocoa Beach	Human Related: Other
Volusia	01/22/2018	SWFTm1732b	F	353	Rose Bay	Port Orange	Human Related: Watercraft Collision
Escambia	01/23/2018	MNW18016	M	289	Escambia River	Pensacola	Human Related: Watercraft Collision
Palm Beach	01/23/2018	MSE18019	M	301	Lake Worth Lagoon	North Palm Beach	Human Related: Other
Palm Beach	01/23/2018	MSE18020	F	231	Intraoastal Waterway	Delray Beach	Human Related: Watercraft Collision
Lee	01/23/2018	MSW18022	F	272	Caloosahatchee River	Ft. Myers	Undetermined: Too Decomposed
Lee	01/23/2018	MSW18023	M	343	Caloosahatchee River	Ft. Myers	Undetermined: Too Decomposed
Lee	01/23/2018	MSW18024	M	308	Caloosahatchee River	Cape Coral	Human Related: Watercraft Collision
Collier	01/24/2018	MSW18009	F	209	Faka Union Canal	Port of the Islands	Undetermined: Too Decomposed
Lee	01/24/2018	MSW18030	U	165	Shell Creek	Ft. Myers	Verified: Not Recovered
Hendry	01/25/2018	MSW18025	M	200	Caloosahatchee River	Labelle	Natural: Other
Putnam	01/26/2018	MNE18010	F	239	St. Johns River	Palatka	Natural: Cold Stress
Citrus	01/26/2018	MNW18017	M	303	Kings Bay	Crystal River	Natural: Other
Manatee	01/26/2018	MNW18018	M	302	Anna Maria Sound	Bradenton	Undetermined: Too Decomposed
Broward	01/26/2018	MSE18021	M	300	Port Everglades	Ft. Lauderdale	Natural: Other
Sarasota	01/26/2018	MSW18026	F	234	Myakka River	North Port	Natural: Cold Stress
Putnam	01/27/2018	MNE18011	F	293	Durns Creek	Satsuma	Natural: Cold Stress
Miami-Dade	01/27/2018	MSE18022	M	244	Miami River	Miami	Undetermined: Too Decomposed
Collier	01/27/2018	MSW18027	M	197	Faka Union Canal	Naples	Undetermined: Too Decomposed
Collier	01/27/2018	MSW18028	F	270	Faka Union Canal	Port of the Islands	Natural: Other
Escambia	01/28/2018	MNW18019	F	310	Escambia Bay	Pensacola	Undetermined: Other
Lee	01/28/2018	MSW18029	M	176	Caloosahatchee River	Cape Coral	Verified: Not Recovered
Brevard	01/29/2018	MEC18012	F	251	Indian River	Titusville	Natural: Cold Stress
Citrus	01/29/2018	MNW18020	M	145	Homosassa Springs	Homosassa	Perinatal (<= 150 cm)
Monroe	01/29/2018	MSE18023	U	184	Cow Pen Channel	Tavernier	Undetermined: Too Decomposed
Collier	01/29/2018	MSTm1804	M	200	Faka Union Canal	Port of the Islands	Natural: Other
St. Johns	01/30/2018	MNE18012	F	254	St. Johns River	St. Johns	Natural: Cold Stress
Lee	01/30/2018	SWFTm1805b	M	219	Fish Trap Bay	Bonita Springs	Human Related: Watercraft Collision
Broward	01/31/2018	MSE18027	F	297	South Fork New River	Ft. Lauderdale	Undetermined: Too Decomposed
Collier	01/31/2018	MSW18031	F	192	Faka Union Canal	Port of the Islands	Natural: Other
Citrus	02/01/2018	MNW18021	M	269	Kings Bay	Crystal River	Natural: Other
Broward	02/01/2018	MSE18024	U	275	Port Everglades	Ft. Lauderdale	Human Related: Watercraft Collision
Brevard	02/02/2018	MEC18013	F	280	Indian River	Port St. John	Human Related: Other

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Brevard	02/02/2018	MEC18014	M	209	Eau Gallie River	Melbourne	Natural: Cold Stress
Miami-Dade	02/02/2018	MSEI18025	F	286	Miami River	Miami	Undetermined: Other
Broward	02/02/2018	MSEI18026	M	310	South Fork New River	Ft. Lauderdale	Undetermined: Other
Miami-Dade	02/02/2018	MSEI18028	M	198	Miami River	Miami	Undetermined: Other
Brevard	02/03/2018	MEC18015	F	178	Indian River	Cocoa	Undetermined: Too Decomposed
Volusia	02/04/2018	MNEI18013	F	167	Halifax River	Port Orange	Verified: Not Recovered
Hillsborough	02/05/2018	MNWI18022	F	345	Old Tampa Bay	Tampa	Undetermined: Too Decomposed
Pasco	02/05/2018	MNWI18023	M	189	Gulf of Mexico	New Port Richey	Natural: Cold Stress
Levy	02/05/2018	MNWI18026	M	202	Black Point Swamp	Cedar Key	Natural: Cold Stress
Broward	02/05/2018	MSEI18029	F	255	Atlantic Ocean	Ft. Lauderdale	Undetermined: Too Decomposed
Martin	02/05/2018	MSEI18030	M	287	Peck Lake	Port Salerno	Natural: Cold Stress
Monroe	02/05/2018	MSW18032	M	263	Buttwood Canal	Flamingo	Natural: Cold Stress
Glades	02/05/2018	MSW18033	F	278	Caloosahatchee River	Moore Haven	Undetermined: Too Decomposed
Lee	02/05/2018	MSW18034	U	180	Charlotte Harbor	Bokelia	Verified: Not Recovered
Brevard	02/06/2018	MEC18016	F	176	Indian River	Titusville	Natural: Cold Stress
Escambia	02/06/2018	MNWI18024	M	256	Big Lagoon	Pensacola Beach	Natural: Cold Stress
Broward	02/06/2018	MSEI18031	M	309	Port Everglades	Ft. Lauderdale	Natural: Cold Stress
Miami-Dade	02/06/2018	MSEI18032	F	195	Biscayne Bay	North Miami	Undetermined: Other
Charlotte	02/06/2018	MSW18035	M	217	Peace River	Punta Gorda	Natural: Other
Brevard	02/07/2018	MEC18017	M	272	Banana River	Merritt Island	Natural: Cold Stress
Brevard	02/07/2018	MEC18018	U	245	Banana River	Cape Canaveral	Verified: Not Recovered
Pinellas	02/07/2018	MNWI18025	M	215	Tampa Bay	St. Petersburg	Undetermined: Too Decomposed
Citrus	02/08/2018	MNWI18027	M	266	Halls River	Homosassa	Human Related: Watercraft Collision
Miami-Dade	02/08/2018	MSEI18033	M	263	Palmer Lake	Miami	Undetermined: Too Decomposed
Lee	02/08/2018	MSW18036	M	195	Matlacha Pass	Cape Coral	Natural: Other
Okaloosa	02/09/2018	MNWI18028	M	296	Ft. Walton Beach	Santa Rosa Sound	Natural: Cold Stress
Monroe	02/09/2018	MSW18037	U	215	Roberts River	Flamingo	Verified: Not Recovered
Brevard	02/10/2018	MEC18019	F	205	Indian River	Cocoa	Undetermined: Too Decomposed
Putnam	02/10/2018	MNEI18014	F	255	St. Johns River	Palatka	Natural: Cold Stress
Citrus	02/10/2018	SWFTm1809b	F	275	Kings Bay	Crystal River	Human Related: Watercraft Collision
Brevard	02/11/2018	MEC18020	F	231	Banana River	Cocoa Beach	Human Related: Other
Hillsborough	02/11/2018	MNWI18029	F	116	Hillsborough Bay	Tampa	Perinatal (<= 150 cm)
Charlotte	02/11/2018	MSW18038	F	267	Charlotte Harbor	Punta Gorda	Undetermined: Too Decomposed
Duval	02/12/2018	MNEI18015	M	231	Sawpit Creek	Jacksonville	Undetermined: Too Decomposed
Duval	02/12/2018	MNEI18016	F	247	St. Johns River	Jacksonville	Natural: Cold Stress
Franklin	02/14/2018	MNWI18030	M	215	Carrabelle River	Carrabelle	Natural: Cold Stress
Hillsborough	02/15/2018	MNWI18031	F	249	Tampa Bay	Ruskin	Human Related: Watercraft Collision

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Brevard	02/16/2018	MEC18021	M	200	Indian River	Melbourne Beach	Undetermined: Too Decomposed
Hillsborough	02/16/2018	MNWX18032	M	110	Little Manatee River	Ruskin	Perinatal (<= 150 cm)
Gulf	02/17/2018	MNWX18035	F	267	St. Joe Bay	Port St. Joe	Verified: Not Recovered
Lee	02/17/2018	MSW18039	F	235	Boca Grande Bayou	Boca Grande	Undetermined: Too Decomposed
Lee	02/17/2018	MSW18040	F	163	Mattacha Pass	Cape Coral	Undetermined: Too Decomposed
Pinellas	02/18/2018	MNWX18033	M	292	Tampa Bay	St. Petersburg	Human Related: Watercraft Collision
Miami-Dade	02/18/2018	MSE18034	F	265	Little River	Miami	Human Related: Watercraft Collision
Sarasota	02/18/2018	MSW18041	F	239	Myakka River	North Port	Undetermined: Too Decomposed
Lee	02/18/2018	MSW18042	F	279	Boca Grande Bayou	Boca Grande	Natural: Other
Bay	02/19/2018	MNWX18034	M	293	East Bay	Panama City	Natural: Cold Stress
Monroe	02/19/2018	MSE18035	F	289	Cotton Key Basin	Islamorada	Undetermined: Too Decomposed
Lee	02/19/2018	MSW18043	F	267	Pine Island Sound	Captiva	Undetermined: Too Decomposed

For The Period of Time

01/01/2018 -
02/23/2018

Total= 154 (FL only)
Watercraft = 18

Mortality comparisons for the time period from 01/01 to the ending date (final + preliminary data)

Year	Watercraft	Flood Gate/Lock	Other Human	Perinatal	Cold Stress	Natural	Unrecovered	Undetermined	Undetermined Other	Total
2018	18 (12%)	1	6	8	51	19	12	31	8	154
2017	14 (16%)	0	2	13	14	17	4	17	6	87
2016	21 (19%)	1	1	12	17	24	7	17	9	109
2015	7 (12%)	1	4	3	10	9	4	14	5	57
2014	11 (14%)	1	2	6	14	10	2	14	16	76
2013	9 (5%)	0	5	11	18	79	11	24	30	187
5-year average	12 (13%)	0	2	9	14	27	5	17	13	103