

Statewide Loggerhead Disorientation Events Reported, 2013 - 2017

Source: FWC Imperiled Species Management Program Disorientation Database as of 4 January 2019

Sea Turtle Disorientation Events Reported to FWC. Disorientation events represent an incident of hatchlings emerging from a nest and moving away from the water on a single night. Thus, one nest can have multiple disorientation events if hatchlings emerge over several nights. The actual number of animals in hatchling events cannot be verified: events involving only one hatchling have been excluded. Therefore, the data represent the number of times hatchlings were reported as disoriented and not the number of disoriented nests. Adult disorientation events represent each nesting female that is documented as moving away from the water and toward landward lights after a nesting or non-nesting emergence. Disorientation reporting is mandatory as of 2017, and reporting effort varies among years and survey areas.

	2013		2014		2015		2016		2017	
County	Hatchling Event	Adult Event								
Bay	25	5	24	3	29	5	24	3	17	11
Brevard	62	1	213	2	314	0	185	2	217	11
Broward	694	1	675	2	783	13	811	61	764	41
Charlotte	22	1	55	2	34	1	20	2	9	0
Collier	10	0	30	2	11	1	12	1	15	3
Duval	5	0	7	1	4	0	9	1	11	1
Escambia	22	2	12	3	47	1	65	5	56	16
Flagler	18	0	8	0	13	0	0	0	0	0
Franklin	23	0	16	0	21	0	22	0	24	1
Gulf	2	0	5	0	13	0	1	3	3	7
Hillsborough	0	0	0	0	0	0	0	0	0	0
Indian River	58	3	79	0	96	1	36	0	38	0
Lee	6	1	41	2	27	1	33	3	40	0
Manatee	78	8	103	2	85	0	92	3	136	9
Martin	196	2	130	8	154	5	141	13	87	2
Miami-Dade	13	0	9	0	9	1	11	0	116	1
Monroe	1	1	3	0	3	0	4	5	2	3
Nassau	14	0	5	0	13	0	10	0	17	1
Okaloosa	8	1	0	0	8	0	0	1	1	0
Palm Beach	221	18	435	26	472	29	465	95	406	80
Pinellas	79	4	81	6	43	12	82	23	76	13
Santa Rosa	0	0	0	0	1	0	0	0	18	0
Sarasota	109	22	215	22	102	19	179	34	220	18
St. Johns	14	1	11	0	8	0	10	4	12	3
St. Lucie	86	2	29	0	35	1	14	5	23	0
Volusia	21	0	28	0	48	0	36	0	30	2
Walton	12	1	10	0	7	4	2	0	9	0
Yearly Totals	1799	74	2224	81	2380	94	2264	264	2347	223

Please cite any published use of these data as - Florida Fish and Wildlife Conservation Commission (2019). FWC Disorientation Database as of 4 January 2019. Unpublished raw data - and acknowledge the FWC Marine Turtle Permit Holders who collected these data.