

#325

Gutman, Lori

From: Jeff_Cobb@nps.gov
Sent: Monday, March 14, 2005 6:13 PM
To: Gutman, Lori
Cc: Mary_Doll@nps.gov; Jon_Anglin@nps.gov; Steve_Harrison@nps.gov;
 Melissa_Behrent@partner.nps.gov; Sandra_Hamilton@nps.gov; Jami_Hammond@nps.gov;
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Subject: Submerged Vehicles



ORV Accident Stats
 8x11 Landsc...

Lori: I've attached a slightly updated spreadsheet you first saw in the scoping meeting last November. It's based on a hand search of our case incident records back to April 11, 2000, or almost exactly five years' worth of records. It shows 14 submerged vehicles in 5 years. The number is probably higher than that. Causes for underreporting might be the vehicle was pulled from the surf before the rangers were informed, the surf pulled the vehicle to deep water before the rangers were informed, etc. In any case, according to the attached spreadsheet, we average almost 3 cars submerged per year. My guess is that water pollution (steel, plastic, petroleum products, etc.) from submerged vehicles is microscopic compared to other sources.

Thirteen of the 14 submerged vehicles were on Bodie Island. I don't think concentrating the 2.8 vehicles per year on Bodie Island concentrates the pollution sufficiently to raise it to a measurable impact. Why are they concentrated on Bodie Island? Again a guess. Bodie Island is the first beach that the vast majority of visitors come to. That's where the most inexperienced, inebriated, and ready-to-party beach drivers head for the ocean. The more serious fishermen and experienced beach drivers head further south to Hatteras and Ocracoke Islands.

(See attached file: ORV Accident Stats 8x11 Landscape.xls)


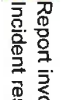
Jeff Cobb
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DRAFT

Cape Hatteras National Seashore ORV Accident Statistics, 2000 - 2005

Revised March 7, 2005

Legend -  Report involved ORV but was not related to beach driving
 Incident resulted in submerged ORV. Submersion may or may not have been accident-related.

Incident Number	Date	Time	Charge	Accident	Fatality	Injury	Damage	Factor	Arrest	Type	Sex	Age	Residence	State	Comments
Okraoke															
CAHA03000002060	6/14/03	0215	Yes	Yes	1	0	No	Yes	Yes	Jeep Wrangler	M	20	Beaufort	NC	
CAHA0100002043	7/14/01	2310	Yes	Yes	0	0	No	No	No	Chev PU	F	25	Okraoke	NC	
CAHA0200000013	6/23/02	0400	Yes	Yes	0	2	No	Yes	Yes	Isuzu Trooper	M	21	Hatteras	NC	
CAHA04000002092	8/10/04	1845	Yes	Yes	0	0	Yes	No	No	Toyota SUV	F	14	Chevy Chase	MD	
Bodie Island															
CAHA0000000052	4/16/00	2015	No	No	0	0	No	No	No	Jeep	M	22	Youngstown	OH	Submerged
CAHA0000000191	7/1/00	1245	No	Yes	0	0	No	No	No	Honda Accord	M	?	Ararat	VA	
CAHA0000000219	7/12/00	0750	No	No	0	0	No	No	No	Grand Am	M	?	Maneque	NC	Not ORV-related
CAHA0000000273	8/9/00	1615	No	Yes	0	0	No	No	No	Nissan PU	M	28	?	VA	
CAHA0000000277	8/16/00	1350	Yes	Yes	0	0	No	Yes	Yes	Isuzu Trooper	M	38	Newport News	VA	DUI but not factor.
CAHA0100000441	10/13/01	0020	No	Yes	0	0	No	No	No	Toyota PU	M	?	?	VA	
CAHA0200000042	4/28/02	1630	No	Yes	0	0	No	No	No	Jeep	M	26	Unknown	VA	Submerged-Speed
CAHA0200000249	10/6/02	1845	No	Yes	0	0	No	No	No	Dodge PU	M	43	Aulander	NC	Backing
CAHA0200000254	11/2/02	1930	No	Yes	?	?	No	?	No	Bronco	?	?	?	?	Stolen - wrecked
CAHA0300000025	3/29/03	1530	No	No	0	0	No	No	No	Ford F-150	F	?	Moyock	VA	Submerged
CAHA0300000099	7/7/03	1830	No	Yes	0	0	No	No	No	Ford Contour	M	37	?	?	Not ORV-related
CAHA0300000150	6/25/03	1420	No	No	0	0	No	No	No	Toyota SUV	M	35	?	MD	Submerged
CAHA0300000275	8/22/03	1844	No	No	0	0	No	No	No	Ford Ranger	M	16	Hampton	VA	Submerged
CAHA0300000280	8/30/03	0545	Yes	Yes	0	1	Yes	No	Yes	Jeep Wrangler	M	20	Yorktown	VA	
CAHA0300000291	8/30/03	2120	Yes	No	0	0	No	Yes	No	Jeep Wrangler	M	24	Charlottesville	VA	Submerged
CAHA0300000280	9/1/03	1810	No	No	0	0	No	No	No	Jeep Cherokee	M	23	?	NC	Submerged
CAHA0300000308	9/14/03	1500	Yes	No	0	0	No	No	No	Jeep Cherokee	M	18	?	VA	Submerged
CAHA0300000323	10/28/03	1800	No	No	0	0	No	No	No	Chev S-10	M	48	?	NC	Submerged
CAHA0300000339	12/1/03	0000	No	No	0	0	No	No	No	Ford F350	M	32	Orange	VA	Submerged
CAHA0400000057	2/13/04	1900	No	No	0	0	No	No	No	Ford F-150	M	22	Ocala	FL	Submerged
CAHA0400000089	2/28/04	1300	No	No	0	0	No	No	No	Nissan Xterra	M	28	?	SC	Submerged
CAHA0400000147	5/23/04	0330	Yes	Yes	2	1	No	No	No	Jeep	M	22	Newport News	VA	
CAHA0400000325	7/7/04	1430	No	Yes	0	0	No	No	No	Jeep Cherokee	M	35	?	VA	
CAHA0400000089	9/4/04	1810	No	No	0	0	No	No	No	Ford F-150	M	47	Newport News	VA	Submerged
CAHA0700001122	?	?	?	Yes	0	1	?	?	?	?	?	?	?	?	Report not located

