

## Known Florida Tornado Deaths 1882 - 2007

Bart Hagemeyer NOAA/National Weather Service, Melbourne, Florida



THEN OF CO	Time								
Date	(EST)	Death	Injury	Age	F	Μ	County	Strength*	Notes
9/10/1882	2100	5	8				Gadsden	F2	tenant homes
9/10/1882	2250	1	5				Baker	F2	small homes
1/6/1892	1000	1	5				Orange	F2	house upside down
04/19/01	?	1	?				Dade	F2	"substantial home"
03/25/09	700	1	7				Polk	F2	homes destroyed
04/05/17	1340	1	3	С		1	Hillsborough	F2	small home
04/05/25	1315	5	35				Dade	F3	homes, restaurant, dairy farm
02/03/26	630	1	20			1	Palm Beach	F2	homes
03/17/28	10	1	18		1		Lake	F2	disentigrating home
05/02/29	1620	1	25			1	Duval	F2	farm house
05/19/32	1048	1	2				Escambia	F2	farm house
01/04/34	1207	1	7	С		1	Escambia	F2	small homes
02/26/34	530	1	4				Alachua	F2	farm houses
01/18/36	1900	7	25				Washington	F3	6 in farm house, 1 in home
03/30/39	2210	4	8			4	Duval	F2	terpentine plant
10/20/41	1300	1	1	I	1		Marion	F2	2-story home
10/22/45	1845	1	4		1		Leon	F3	33 homes
09/19/47	30	2	100				Franklin	F3	27 homes
09/04/48	110	2	12	С			Gadsden	F2	8 homes destroyed
05/26/51	1030	3	0			3	Franklin	F1/2G	small boat capsized
09/18/54	200	2	2				St. Lucie	F2G/3	small house
10/19/58	845	1	24	Е		1	Palm Beach	F3	small house
04/02/59	730	1	20		1		Orange	F2	homes destroyed
10/31/60	1030	1	0			1	Lee	F1G/2	marina
01/05/62	1610	1	65		1		Okaloosa	F2	frame house
03/31/62	900	17	100	3C			Santa Rosa	F3	10 homes a single death
04/04/66	800	8	50				Hillsborough	F4	7 in houses - 1 trailer
04/04/66	910	3	350				Polk	F4	3 in houses
12/10/67	315	1	50	С	1		Okaloosa	F2	35 houses
12/10/67	805	1	34				Bay	F3	Base housing destroyed
07/30/68	1815	2	0				Charlotte	F1G/2	mobile home
11/09/68	1700	2	17				Collier	F2	trailer
06/18/72	1055	6	48				Okeechobee	F3	trailers - corrected record
06/18/72	1513	1	7				Hendry	F3	trailers - corrected record
06/25/72	1610	1	2	С			Jackson	F1G/2	mobile home
05/26/73	1300	1	4			1	Okaloosa	F1G/2	mobile home
01/30/74	200	1	4		1		Gadsden	F2	mobile home
01/12/75	1020	1	18	I			Bay	F2	mobile home
12/31/75	1125	1	26				Marion	F2G/3	mobile home
08/12/76	1750	1	21		1		Pinellas	F1	mobile home
12/05/77	1330	1	10			1	Putnam	F1G/2	overturned boat
05/04/78	1047	3	94	3C			Pinellas	F3	students at school
05/08/79	1315	1	39	E	1		Polk	F2	unreinforced block shed - woman abandoned mobile home

09/26/82	400	1	7	53	1		Okeechobee	F2	camping trailer
02/02/83	920	1	6		-	<u> </u>	Highlands	F2	mobile home
04/09/83	1255	3	2				Citrus	F2G/3	thrown from car
00/47/05	400	0	45	0			0	50	CBS houses woman/camper
03/17/85	430	2	45	2	1	1	Sarasota	F3	man/porch
04/15/87	1015	1	7	Е	1		Lake	F2	trailer
0.4/4.0/00	000		10				N.4 11	50	2 in mobile home 2 in cottage
04/19/88	330	4	18				Madison	F3	asleep
11/05/88	115	1	3		1		Madison	F2	house
00/00/00	1700							50/00	homes demolished- 2 moved
06/08/89	1700	3	4	-	4		Franklin	F2/3G	from trailer to frame house
10/03/92	940	1	0	E	1		Pinellas	F2	trailer
10/03/92	1030	3	75				Pinellas	F3	2 in trailer - 1 in garage(debris)
00/40/00			10					50	2 in home and 1 elderly in
03/12/93	2338	3	10				Levy	F2	trailer asleep
03/13/93	20	1	4	-			Alachua	F1	mobile home
03/13/93	30	1	60				Lake	F2	mobile home
11/15/94	1853	1	40	Е		1	Brevard	F2	mobile home
01/07/95	550	1	20	50s		1	Marion	F2	car rolled over
10/04/95	1130	1	3	Е	1		Okaloosa	F2	home on blocks
12/19/95	315	1	1	50	1		Gadsden	F2	mobile home
02/02/96	1815	1	0	63		1	Putnam	F0	tree fell on porch
05/12/96	2110	1	0	78		1	Okeechobee	F0	travel trailer
12/07/96	1458	1	0	50		1	Hillsborough	F2	unanchored mobile home
02/22/98	2255	1	3	41		1	Volusia	F2	mobile home
02/22/98	2341	3	70	68-80	1	2	Orange	F3	mobile homes
02/23/98	10	12	36	9-62	4	8	Seminole	F3	mobile/manufactured housing
02/23/98	25	1	0	53		1	Volusia	F3	RV at fish camp
									8 RV's, 15 mobile homes, 1
02/23/98	40	25	145	1-85	12	13	Osceola	F3	auto
03/15/01	440	1	21	59		1	Washington	F2	The hardest hit - Highview Acres where 20 homes were damaged or destroyed. One man killed when mobile home was destroyed.
06/11/01	1435	1	0	32		1	Duval	F1	man crushed to death in his living room when sycamore tree smashed through the roof. "Weak F0"
									Debris penetrate small frame
03/27/03	1746	1	14	65		1	Dade	F2	house.
09/15/04	1540	1	7	84		1	Bay (Ivan)	F1	Man killed in Real Estate Office
09/15/04	1543	1	1	77	1		Bay (Ivan)	F1	Wood frame house destroyed
09/15/04	2107	4	5	35to55		2	Calhoun (Ivan)	F2	Deaths in Mobile homes
02/02/07	320	7	pending	17 to 92	5	2	Lake	EF3^	Deaths in Mobile homes
02/02/07	337	13	pending	6 to 66	7	6	Lake	EF3^	Deaths in Mobile homes
78 Cases		204	1918		46	61			Totals (known)
78									
Date	(EST)	Death	Injury	Age(s)	F	M	County	Strength*	Notes

\* Tornado F-scales from Grazualis (Significant Tornadoes, 1993 and 1997) are indicated by "G" where they differ from the Storm Prediction Center (SPC) database. Deaths, Injuries and descriptions from WB and NCDC publications and Grazulis. Age, Gender and Injury information often incomplete in early tornadoes.

References: (web-based versions of some of the references below can be found at: http://www.srh.noaa.gov/mlb/research.html)

Information on killer tornado events was collected from a variety of sources including U.S. Meteorological Yearbooks (1933-1949), National Summaries (1950-1959), and Storm Data (1959-2006) published by the U.S. Government.

Other sources include:

Grazulis, T. P., 1993: Significant Tornadoes 1680-1991. Environmental Films, St. Johnsbury, VT. 1326 pp.

Hagemeyer, B. C., and G. K. Schmocker, 1991: Characteristics of east central Florida tornado environments. Wea. Forecasting, 6, 499-514. Copyright 1991 by AMS.

Hagemeyer, B. C., and D. A. Matney, 1993: An examination of central Florida hybrid tornado outbreaks. Preprints 17th Conference on Severe Local Storms. St. Louis, MO., Amer. Meteor. Soc., 332-336

Hagemeyer, B. C., and D. W. Matney, 1994: Peninsular Florida tornado outbreaks (1950-1993). NOAA Tech. Memo. NWS SR-151. 119 pp.

Hagemeyer, B. C., and S. J. Hodanish, 1995: Florida tornado outbreaks associated with tropical cyclones. Preprints 21st Conference on Hurricanes and Tropical Meteorology. Miami, FL., Amer. Meteor. Soc., 312-314.

Hagemeyer, B. C., 1997: Peninsular Florida tornado outbreaks . Wea. Forecasting, 12, 399-427. Copyright 1997 by AMS.

Hagemeyer, B. C., 1998: Significant Tornado Events Associated with Tropical and Hybrid Cyclones in Florida. Preprints, 16th Conference on Weather Analysis and Forecasting. Phoenix, AZ, Amer. Meteor. Soc., 4-6. Copyright 1998 by AMS.

Hagemeyer, B. C., 1998: Significant extratropical tornado occurrences in Florida during strong El Nino and strong La Nina events. Preprints, 19th Conference on Severe Storms. Minneapolis, MN, Amer. Meteor. Soc., 412-415. Copyright 1998 by AMS.

Hagemeyer, B. C., 1999: El Nino and significant tropical and hybrid cyclone tornado events in Florida. Preprints, 23rd Conference on Hurricanes and Tropical Meteorology. Dallas, TX, Amer. Meteor. Soc., 415-418. Copyright 1999 by AMS.

Hagemeyer, B. C., 2000: Development of a Low Pressure Index as a Proxy for Dry Season Severe Weather in Florida and its Relationship with ENSO. Preprints, 15th Conference on Probability and Statistics. Asheville, NC, Amer. Meteor. Soc., J22-25. Copyright 2000 by AMS.

Hagemeyer, B.C. and S.M. Spratt, 2002: Thirty years after Hurricane Agnes - The forgotten Florida Tornado Disaster. Preprints, 25th Conference on Hurricanes and Tropical Meteorology. San Diego, CA, Amer. Meteor. Soc., 422-423. Copyright 2002 by AMS.

U.S. Dept. of Commerce, 1960: Tornado occurrences in the United States. Weather Bureau Technical Paper NO. 20., U.S. Dept. of Commerce, Washington, D.C., 71 pp.