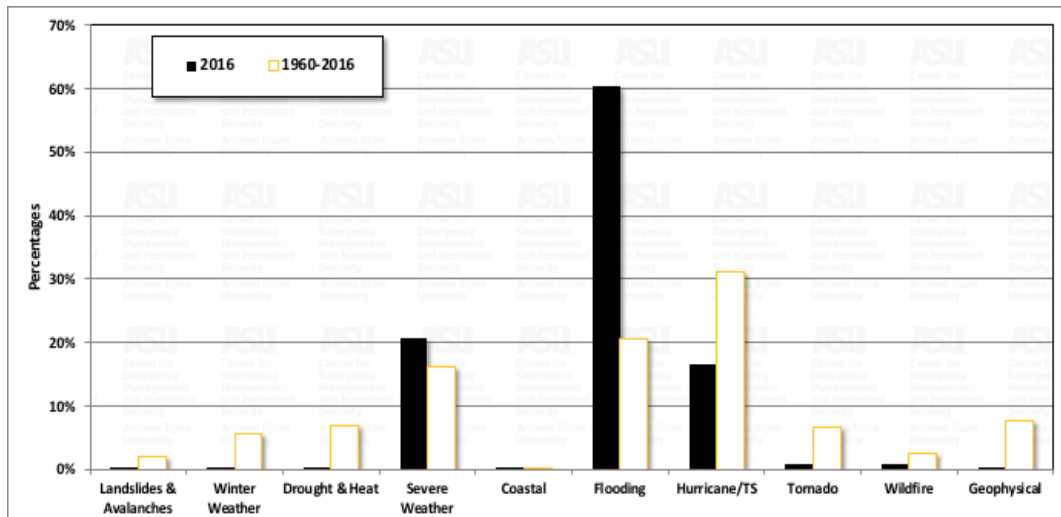


2016 U.S. Hazard Losses

SUMMARY OF LOSSES

Year	Total Direct Damage	Fatalities	Injuries	Property (\$2016b)	Crop (\$2016b)
2016	\$18.4	450	1269	\$18.2	\$0.2
Annual Average	\$15.7	576	4,282	\$12.7	\$3.0

2016 LOSSES BY HAZARD

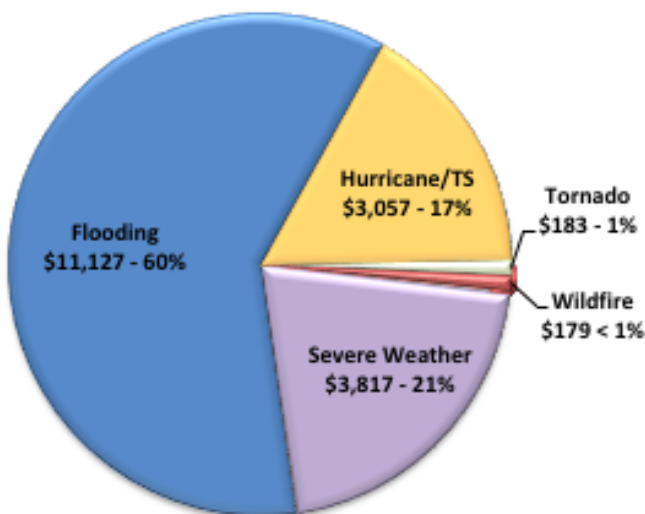


RECORD YEARS

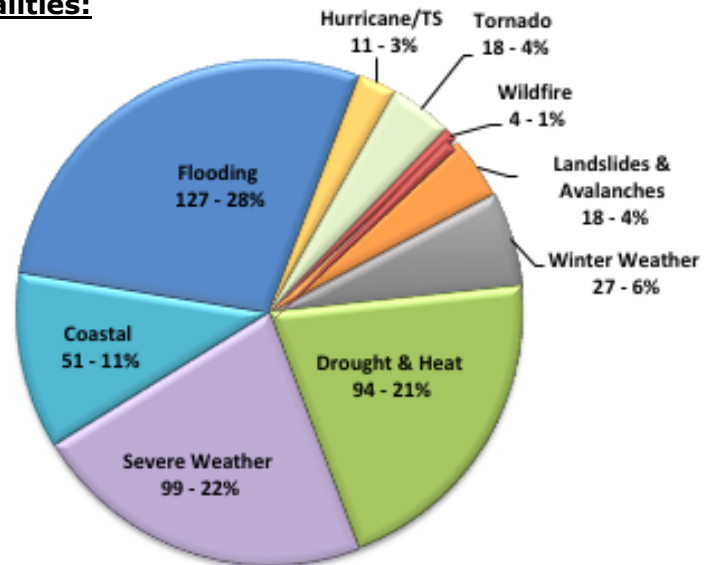
Year	Costliest	Deadliest	Year
2005	\$126.8	1,638	1995
1992	\$57.9	1,312	2005
2012	\$41.4	1,054	1980
1993	\$37.5	1,025	2011
1994	\$36.7	998	1972
2004	\$34.1	917	1999
1980	\$27.4	871	1974
2008	\$26.2	816	1969
1989	\$25.8	748	1971
2011	\$25.3	718	1960
1995	\$22.0	707	1965
1998	\$21.9	671	1998
2001	\$20.1	669	1983
1990	\$18.9	631	1989
2016	\$18.4	623	1985

COSTLIEST AND DEADLIEST HAZARDS

Losses (\$2016 million):



Fatalities:



MOST IMPACTED STATES

Most Hazard Events

State	Counts
Mississippi	905
Texas	748
Tennessee	666
North Carolina	652
Virginia	650

Highest Losses

State	Damage (\$2016b)
Louisiana	\$9.2
Texas	\$3.6
Florida	\$3.1
North Carolina	\$1.0
South Carolina	\$0.3

Most Fatalities

State	Fatalities
Texas	58
Nevada	53
North Carolina	38
Florida	35
West Virginia	24

MOST IMPACTED COUNTIES

Most Hazard Events

County	State	Counts
Davidson	TN	97
Wilson	TN	87
Middlesex	WA	85
Worcester	MA	72
Clark	NV	58
Rankin	MS	55
San Bernardino	CA	52
Tarrant	TX	51
Bristol	MA	50
Franklin	MA	50

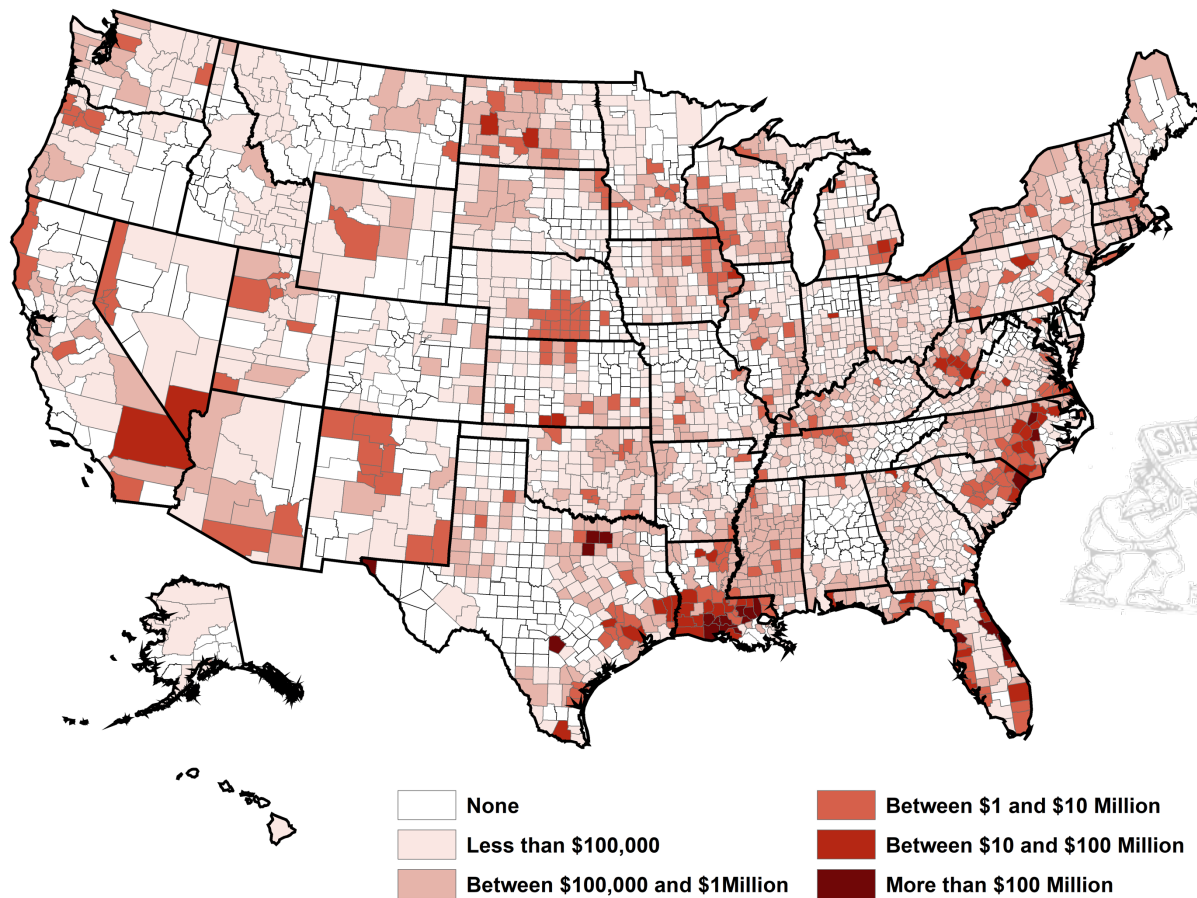
Highest Losses

County	State	Damage (\$2016m)
East Baton Rouge	LA	\$2,404.2
St. Johns	FL	\$2,000.3
Livingston	LA	\$1,917.8
Ascension	LA	\$1,530.1
Brexar	TX	\$1,360.0
Lafayette	LA	\$1,100.0
Tangipahoa	LA	\$1,051.0
Collin	TX	\$877.0
Tarrant	TX	\$602.2
Volusia	FL	\$514.4

Most Fatalities

County	State	Fatalities
Clark	NV	53
Greenbrier	WV	16
Coryell	TX	9
Harris	TX	7
Anderson	TX	7
Brevard	FL	6
San Diego	CA	6
East Baton Rouge	LA	6
Dare	NC	6
Kanawha	WV	6

TOTAL LOSSES FROM NATURAL HAZARDS IN 2016



In 2016, there were 46 presidential disaster declarations. The annual average number of declared presidential disasters since 1960 is 39.

The states that received the most disaster declarations in 2016 were:

Texas:	4
Arkansas:	2
Florida:	2
Georgia:	2
Iowa:	2
Louisiana:	2
Maryland:	2
Mississippi:	2
Montana:	2
Oklahoma:	2
Pennsylvania:	2
Virginia:	2
Washington:	2
Wisconsin:	2

Cartoon reprinted with permission from the National Hazards Research Center in Boulder, CO.

For more information on Presidential Disaster Declarations go to FEMA (<http://www.fema.gov/disasters>).

BILLION DOLLAR EVENTS IN 2016

Event	Date	Affected States	Estimated damage/cost*
Hurricane Matthew	Oct	GA, FL, NC, SC	\$10.6 billion, 49 deaths
Louisiana Flooding	Aug	LA	\$10.6 billion, 13 deaths
W, NE, SE Drought	All Year		\$3.7 billion
N and Central TX Hailstorm	Apr	TX	\$3.7 billion
Houston Flooding	Apr	TX	\$2.8 billion, 8 deaths
W, SE Wildfires	Jun-Dec		\$2.5 billion, 21 deaths

Source: National Centers for Environmental Information (<http://www.ncdc.noaa.gov/billions/event> as of August 2018)

*NCEI/NCDC Billion Dollar Events include direct and indirect losses as well as deaths and therefore tend to produce higher estimates than SHELUDS.

** NCEI/NCDC reports on drought damage for California are incomplete.