

2000 Annual Summaries

National Oceanic and Atmospheric Administration
National Environmental Satellite Data Information Service
National Climatic Data Center

FLOOD/FLASH FLOOD



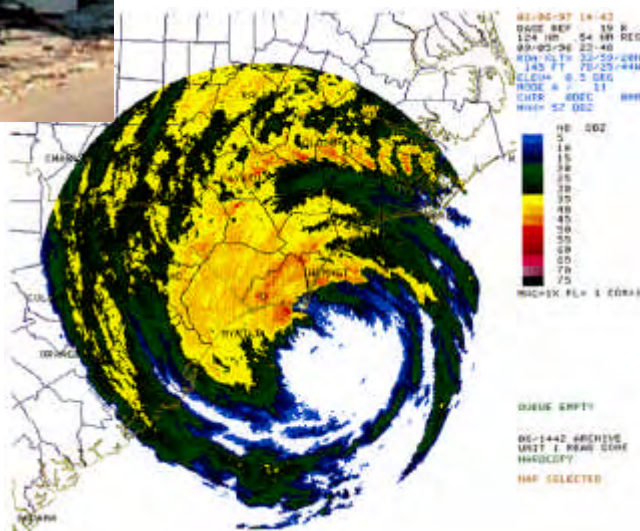
Lightning



Tornado



Hurricane



2000 Annual Summaries

Flood/Flash Flood

Lightning

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All summaries are compiled from information contained in the Storm Data Publication.

Sources include the Storm Data Publication, the National Weather Service's Office Climate, Water and Weather Services.

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Published by:

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Summary of Natural Hazard Statistics for 2000 in the United States



This National Weather Service (NWS) report summarizes fatalities, injuries and damages caused by severe weather in 2000. The NWS Office of Climate, Water and Weather Services and the National Climatic Data Center compiled this *Summary of U.S. Natural Hazard Statistics* from Storm Data, a report comprising statistics from NWS forecast offices in the 50 states, Puerto Rico, Guam, and the Virgin Islands.

Summary of 2000 Weather Events, Fatalities, Injuries, and Damage Costs

LAST UPDATED : 8/16/2001

<u>Weather Event</u>	<u>Fatalities</u>	<u>Injuries</u>	<u>Amount of Property Damage (M)</u>	<u>Amount of Crop Damage (M)</u>	<u>Total Prop/Crop Damage (M)</u>
<u>Convection</u>					
Lightning	51	364	\$ 39.8	\$ 0.1	\$ 39.9
Tornado	41	882	423.6	6.9	430.5
Tstm Wind	25	296	245.2	58.8	304.0
Hail	2	57	446.0	124.9	570.9
<u>Extreme Temperatures</u>					
Cold	26	0	0.6	8.6	9.2
Heat	158	469	0.0	0.0	0.0
<u>Flood</u>					
Flash Flood	30	36	785.7	73.6	859.3
River Flood	3	2	467.5	605.7	1,073.2
Small Stream/Urban Flood	5	9	1.9	0.0	1.9
<u>Marine</u>					
Coastal Storm	29	23	0.4	0.0	0.4
Tsunami	0	0	0.0	0.0	0.0
<u>Tropical Cyclones</u>					
Tropical Storm/Hurricane	0	1	8.1	0.1	8.2
<u>Winter</u>					
Winter Storm	41	182	1,035.3	0.0	1,035.3
Ice	0	0	0.3	0.0	0.3
Avalanche	16	17	0.8	0.0	0.8
<u>Other</u>					
Drought	0	0	0.7	2,438.1	2,438.8
Dust Storm	1	29	0.2	0.0	0.2
Dust Devil	0	0	0.0	0.0	0.0
Rain	4	38	4.4	4.1	8.5
Fog	10	118	1.8	0.0	1.8
High Wind	26	162	48.9	1.2	50.1
Waterspout	2	0	0.1	0.0	0.1
Fire Weather	3	100	2,109.2	7.1	2,116.3
Mud Slide	0	0	0.5	0.0	0.5
Volcanic Ash	0	0	0.0	0.0	0.0
Miscellaneous	3	11	0.1	0.0	0.1
TOTAL	476	2796	\$5,621.1M	\$3,329.2M	8,950.3M

Summary of 2000 Natural Hazard Statistics

In 2000, there were 476 weather-related fatalities, less than half of 1999's fatalities with 908. The 10-year average (1991-2000) for weather-related fatalities is 603. As in 1998 and 1999, extreme heat ranked as the #1 weather-related killer with 158 deaths. This number is almost 25 percent lower than the 10-year average for heat-related fatalities, 206. After heat, the most dangerous weather killer was lightning, resulting in 51 fatalities, followed by tornadoes and winter storms with 41 each.

Weather-related injuries showed a sharp downward trend for 2000 with 2,796 injuries, down from 5,148 in 1999. Tornadoes and heat caused the greatest number of injuries with 882 and 469, respectively.

In 2000, severe weather accounted for almost \$9 billion in damages. Drought caused the most crop damage with nearly \$2.5 billion in losses. Fire weather generated more than \$2.1 billion in property losses. States suffering more than a billion dollars in damage include Florida, New Mexico, and Texas. In October, flooding in Florida caused nearly \$1 billion in property/crop losses. New Mexico had fire damage of \$1.5 billion. During the month of August, Texas had \$.5 billion in damages from drought.

Of the 476 weather-related fatalities, 306 were males and 168 were females. Age demographics were spread throughout the age groups.

July was the deadliest month with 99 fatalities; over two-thirds were from extreme heat. August ranked second with 68 fatalities, primarily from excessive heat and lightning.

In 2000, Texas suffered the highest number of deaths with 98; California had 42 deaths. Topping the injuries list were California with 313 and Georgia with 312.

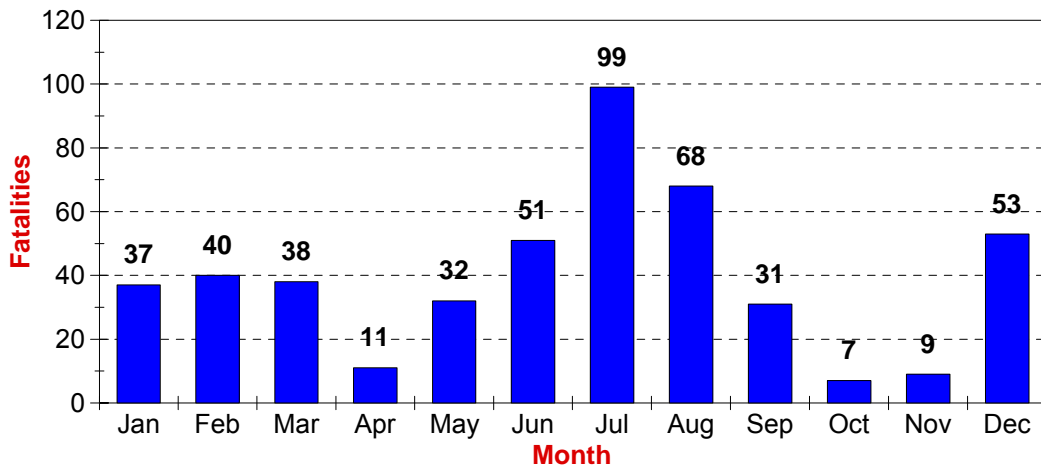
For the years 1998, 1999, and 2000, extreme heat ranked as the #1 weather killer in the United States, outranking floods. The 30-year average (1971-2000) for floods is 127; for lightning, 73; for tornadoes, 69; and for hurricanes, 16. The 10-year average for cold-related deaths is 28, and for heat, 206.

2000 Summary of all Natural Hazards

2000 SUMMARY OF FATALITIES FOR ALL HAZARDS BY AGE AND GENDER

	<u>FEMALE</u>	<u>MALE</u>	<u>UNKNOWN</u>	<u>TOTAL</u>	<u>PERCENT</u>
0 TO 9	10	12	1	23	5
10 TO 19	10	32	0	42	9
20 TO 29	10	46	0	56	12
30 TO 39	14	42	0	56	12
40 TO 49	27	32	0	59	12
50 TO 59	21	41	0	62	13
60 TO 69	15	40	0	55	12
70 TO 79	28	29	0	57	12
80 TO 89	25	18	0	43	9
90 TO --	4	5	0	9	2
UNKNOWN	4	9	1	14	3
TOTAL	168	306	2	476	100
PERCENT	35	64	0	100	

2000 MONTHLY WEATHER RELATED FATALITIES



2000 Summary of Hazardous Weather Fatalities, Injuries, and Damage Costs Listed by State

<u>State</u>	<u>Fatalities</u>	<u>Injuries</u>	<u>Property Damage (M)</u>	<u>Crop Damage (M)</u>	<u>Total Damage (M)</u>
AK	13	18	10.1	0.0	10.1
AL	21	222	53.4	0.0	53.4
AR	5	26	536.8	0.8	537.6
AS	0	1	0.6	0.1	0.7
AZ	11	44	13.1	3.0	16.1
CA	42	313	589.9	13.0	602.9
CO	6	34	25.6	15.2	40.8
CT	2	27	6.7	0.0	6.7
DC	0	3	1.0	0.0	1.0
DE	0	55	0.2	0.0	0.2
FL	17	55	485.8	520.5	1,006.3
GA	23	312	112.7	312.0	424.7
GU	3	9	1.3	0.1	1.4
HI	0	1	70.6	0.0	70.6
IA	5	35	32.0	331.1	363.1
ID	1	6	7.9	1.2	9.1
IL	9	37	22.1	0.8	22.9
IN	3	22	90.2	0.2	90.4
KS	10	72	105.1	76.1	181.2
KY	7	121	143.6	0.0	143.6
LA	21	64	244.0	350.4	594.4
MA	1	8	0.7	0.0	0.7
MD	5	21	6.9	0.5	7.4
ME	1	13	4.2	0.0	4.2
MI	3	27	49.6	1.8	51.4
MN	3	20	57.9	38.4	96.3
MO	20	281	127.4	0.2	127.6
MS	22	34	11.1	0.0	11.1
MT	2	44	10.3	1.4	11.7
NC	9	44	11.7	2.1	13.8
ND	4	34	147.6	65.0	212.6
NE	0	4	31.4	347.1	378.5
NH	2	6	0.8	0.0	0.8
NJ	2	36	184.1	0.1	184.2
NM	0	3	1,504.0	0.0	1,504.0
NV	0	15	1.0	0.0	1.0
NY	8	61	91.0	1.6	92.6
OH	12	179	61.3	1.0	62.3
OK	6	21	127.5	399.8	527.3
OR	5	14	2.4	0.0	2.4
PA	24	17	38.5	0.0	38.5
PR	2	12	1.9	1.0	2.9
RI	0	2	0.1	0.0	0.1
SC	13	23	35.4	0.1	35.5
SD	1	20	28.0	2.8	30.8
TN	5	14	7.0	2.7	9.7
TX	98	146	296.0	785.2	1,081.2
UT	7	24	3.8	0.2	4.0
VA	7	51	10.4	0.6	11.0
VI	0	0	0.2	0.0	0.2
VT	1	4	5.8	0.0	5.8
WA	3	21	11.2	0.1	11.3
WI	3	69	183.3	53.0	236.3
WV	4	3	13.3	0.0	13.3
WY	4	48	2.6	0.0	2.6
TOTAL	476	2796	\$5,621.1M	\$3,329.2M	\$8,950.3M

NOTE: Damage amounts may be slightly different than those indicated on front page due to rounding

2000 Lightning Fatalities

Lightning caused 51 fatalities in 2000, up from 46 in 1999. This number is slightly below the 10-year average of 55. For the third year, Florida recorded the most lightning fatalities with 8. Texas had 5 fatalities and Georgia and Kentucky each had 4. In 2000, the most dangerous places to be during a lightning strike were in the open (23 deaths), under a tree (9), golfing (4), and boating (3). Following past patterns, four times as many men were killed by lightning as women. The most heavily affected age group was the 20- to 39-year-old men (19 deaths), accounting for almost 50 percent of male fatalities.

2000 LIGHTNING FATALITIES BY STATE AND LOCATION

<u>STATE</u>	<u>BF</u>	<u>BO</u>	<u>CA</u>	<u>EQ</u>	<u>GF</u>	<u>IW</u>	<u>OT</u>	<u>OU</u>	<u>TE</u>	<u>UT</u>	<u>TOTAL</u>
AZ	0	0	0	0	0	0	1	1	0	0	2
CO	0	0	0	0	0	0	0	2	0	0	2
CT	0	0	0	0	0	0	1	0	0	0	1
FL	0	3	0	0	1	2	0	2	0	0	8
GA	0	0	0	0	0	0	1	2	0	1	4
IA	0	0	0	0	0	0	1	0	0	0	1
KY	0	0	0	0	0	0	2	2	0	0	4
LA	0	0	0	0	2	0	1	0	0	0	3
MA	0	0	0	0	0	0	0	1	0	0	1
MD	0	0	1	0	0	0	0	0	0	2	3
ME	0	0	0	0	0	0	0	1	0	0	1
MI	0	0	0	0	0	0	0	1	0	0	1
MS	0	0	0	0	0	0	0	1	0	0	1
NC	0	0	0	0	0	0	0	1	0	0	1
NY	0	0	0	0	0	0	1	0	0	0	1
OH	0	0	0	0	1	0	0	0	0	1	2
PA	0	0	0	0	0	0	0	2	0	0	2
PR	0	0	0	0	0	0	0	1	0	0	1
SC	0	0	0	0	0	0	0	0	0	2	2
TX	0	0	0	0	0	0	1	3	0	1	5
UT	0	0	0	0	0	0	0	2	0	0	2
VA	0	0	0	0	0	0	0	0	0	2	2
WI	0	0	0	0	0	0	0	1	0	0	1
TOTAL	0	3	1	0	4	2	9	23	0	9	51
PERCENT	0	6	2	0	8	4	18	45	0	18	101*

(* Due to rounding total does not equal 100%)

2000 LIGHTNING FATALITIES BY AGE AND GENDER

	<u>FEMALE</u>	<u>MALE</u>	<u>UNKNOWN</u>	<u>TOTAL</u>	<u>PERCENT</u>
0 TO 9	3	1	0	4	8
10 TO 19	1	6	0	7	14
20 TO 29	0	13	0	13	25
30 TO 39	0	6	0	6	12
40 TO 49	5	4	0	9	18
50 TO 59	1	4	0	5	10
60 TO 69	0	5	0	5	10
70 TO 79	0	1	0	1	2
80 TO 89	1	0	0	1	2
90 TO --	0	0	0	0	0
UNKNOWN	0	0	0	0	0
TOTAL	11	40	0	51	101*
PERCENT	22	78	0	100	

(* Due to rounding total does not equal 100%)

LEGEND

BF - Ball Field
BO - Boat
CA - Camping
EQ - Nr Hvy Equipment
GF - Golf
IW - In Water
OT - Other/Unknown
OU - Outside Open
TE - At Telephone
UT - Under Tree

2000 Tornado Fatalities

In 2000, the National Weather Service recorded 1,070 tornadoes; 273 less than in 1999 with 1,343. Tornadoes resulted in 41 fatalities, down significantly from 94 in 1999. The 2000 number is below the 10-year average of 57 deaths a year. Of the 41 fatalities, 28 were in mobile homes, 7 in a permanent home, 4 in a vehicle and 2 outside in the open. Continuing a trend from 1999, there were more female deaths (24) than male (17). The hardest hit age group was 50 to 69, accounting for 35 percent of deaths. Tornado injuries (882) in 2000 decreased dramatically from 1999 (1,842).

2000 TORNADO FATALITIES BY STATE AND LOCATION

<u>STATE</u>	<u>BU</u>	<u>LS</u>	<u>MH</u>	<u>OT</u>	<u>OU</u>	<u>PH</u>	<u>SC</u>	<u>VE</u>	<u>TOTAL</u>
AL	0	0	11	0	0	1	0	1	13
GA	0	0	17	0	0	2	0	0	19
IA	0	0	0	0	0	1	0	0	1
MN	0	0	0	0	0	1	0	0	1
OH	0	0	0	0	0	0	0	1	1
SC	0	0	0	0	0	0	0	1	1
TN	0	0	0	0	0	0	0	1	1
TX	0	0	0	0	2	2	0	0	4
TOTAL	0	0	28	0	2	7	0	4	41
PERCENT	0	0	68	0	5	17	0	10	100

2000 TORNADO FATALITIES BY AGE AND GENDER

	<u>FEMALE</u>	<u>MALE</u>	<u>UNKNOWN</u>	<u>TOTAL</u>	<u>PERCENT</u>
0 TO 9	1	2	0	3	7
10 TO 19	2	2	0	4	10
20 TO 29	2	2	0	4	10
30 TO 39	4	0	0	4	10
40 TO 49	2	2	0	4	10
50 TO 59	7	1	0	8	20
60 TO 69	2	4	0	6	15
70 TO 79	1	2	0	3	7
80 TO 89	2	2	0	4	10
90 TO --	1	0	0	1	2
UNKNOWN	0	0	0	0	0
TOTAL	24	17	0	41	101*
PERCENT	59	41	0	100	

(* Due to rounding total does not equal 100%)

LEGEND

BU - Business
LS - Long-Span Roof
MH - Mobile Home
OT - Other/Unknown
OU - Outside Open
PH - Permanent Home
SC - School
VE - Vehicle

2000 Tropical Cyclone Fatalities

THERE WERE NO TROPICAL STORM/HURRICANE RELATED FATALITIES

2000 TROPICAL CYCLONE FATALITIES BY STATE AND LOCATION

<u>STATE</u>	<u>BO</u>	<u>BU</u>	<u>IW</u>	<u>LS</u>	<u>MH</u>	<u>OT</u>	<u>OU</u>	<u>PH</u>	<u>SC</u>	<u>VE</u>	<u>TOTAL</u>
	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0
PERCENT											0

2000 TROPICAL CYCLONE FATALITIES BY AGE AND GENDER

	<u>FEMALE</u>	<u>MALE</u>	<u>UNKNOWN</u>	<u>TOTAL</u>	<u>PERCENT</u>
0 TO 9	0	0	0	0	
10 TO 19	0	0	0	0	
20 TO 29	0	0	0	0	
30 TO 39	0	0	0	0	
40 TO 49	0	0	0	0	
50 TO 59	0	0	0	0	
60 TO 69	0	0	0	0	
70 TO 79	0	0	0	0	
80 TO 89	0	0	0	0	
90 TO --	0	0	0	0	
UNKNOWN	0	0	0	0	
TOTAL	0	0	0	0	0
PERCENT					

LEGEND

BO - Boat
BU - Business
IW - In Water
LS - Long-Span Roog
MH - Mobile Home
OT - Other/Unknown
OU - Outside Open
PH - Permanent Home
SC - School
VE - Vehicle

2000 Heat Related Fatalities

In 2000, heat was the #1 killer with 158 fatalities, nearly a third the number (502) reported in 1999. A large number of these deaths, 71, occurred in Texas, with Missouri and Pennsylvania having 17 each. Seniors are most at risk from heat. In 2000, individuals between the ages of 50 and 89 accounted for 73% of the year's fatalities. Males accounted for 64% of the fatalities, while women accounted for 36%. As in the past, most deaths (107 out of 158) occurred in permanent homes without air conditioning or adequate ventilation. Those most at risk had a contributing health ailment aggravated by the heat.

2000 HEAT RELATED FATALITIES BY STATE AND LOCATION

<u>STATE</u>	<u>BF</u>	<u>CA</u>	<u>GF</u>	<u>MH</u>	<u>OT</u>	<u>OU</u>	<u>PH</u>	<u>VE</u>	<u>TOTAL</u>
AK	0	0	0	0	1	0	0	0	1
AL	0	0	0	0	0	0	2	2	4
AR	0	0	0	0	0	0	1	0	1
CA	0	0	0	0	1	3	6	2	12
IN	0	0	0	0	0	0	1	0	1
KS	0	0	0	0	0	0	2	0	2
LA	0	0	0	0	0	0	12	0	12
MO	0	0	0	1	0	0	13	3	17
MS	0	0	0	0	9	3	2	2	16
OK	0	0	0	0	0	0	3	0	3
PA	0	0	0	0	0	0	17	0	17
SC	0	0	0	0	0	0	1	0	1
TX	1	0	0	0	0	22	47	1	71
TOTAL	1	0	0	1	11	28	107	10	158
PERCENT	1	0	0	1	7	18	68	6	101*

(* Due to rounding total does not equal 100%)

2000 HEAT RELATED FATALITIES BY AGE AND GENDER

	<u>FEMALE</u>	<u>MALE</u>	<u>UNKNOWN</u>	<u>TOTAL</u>	<u>PERCENT</u>
0 TO 9	1	3	0	4	3
10 TO 19	0	2	0	2	1
20 TO 29	0	5	0	5	3
30 TO 39	0	8	0	8	5
40 TO 49	5	9	0	14	9
50 TO 59	4	12	0	16	10
60 TO 69	6	23	0	29	18
70 TO 79	19	20	0	39	25
80 TO 89	19	13	0	32	20
90 TO --	3	5	0	8	5
UNKNOWN	0	1	0	1	1
TOTAL	57	101	0	158	100
PERCENT	36	64	0	100	

LEGEND

BF - Ball Field
CA - Camping
GF - Golf
MH - Mobile Home
OT - Other/Unknown
OU - Outside Open
PH - Permanent Home
VE - Vehicle

2000 Flash Flood / River Flood Related Fatalities

In 2000, flooding (flash floods, river floods and urban/small stream floods) contributed to 38 fatalities, down significantly from the 1999 total of 68. The 10-year average for floods deaths is 89. Of the 38 victims, most (24) died in a vehicle trying to cross a flooded roadway. The remaining fatalities occurred in the water (7) or while boating (4). Flood-related fatalities are probably the most preventable. Most vehicular deaths occur when people attempt to drive across flooded roadways. Texas recorded the most flooding deaths with 9, followed by Illinois with 4 and California, Ohio and West Virginia with 3 each.

Flash floods caused 30 deaths; river and stream floods caused 8. In 2000, the majority (61%) of flood fatalities were male. Almost two-thirds of the deaths were in the 20- to 59-year-age groups. However, children 0 to 9 years of age accounted for 15 percent of flood fatalities.

2000 FLASH FLOOD / RIVER FLOOD FATALITIES BY STATE AND LOCATION									
<u>STATE</u>	<u>BO</u>	<u>BU</u>	<u>CA</u>	<u>IW</u>	<u>MH</u>	<u>OT</u>	<u>PH</u>	<u>VE</u>	<u>TOTAL</u>
AZ	0	0	0	0	0	1	0	0	1
CA	0	0	0	0	0	0	0	3	3
CO	0	0	0	1	0	0	0	0	1
IA	0	0	0	1	0	0	0	1	2
IL	0	0	0	0	0	1	0	3	4
IN	0	0	0	1	0	0	0	0	1
KY	0	0	0	0	0	0	0	1	1
MN	0	0	0	1	0	0	0	0	1
MO	0	0	0	0	0	0	0	2	2
ND	0	0	0	0	0	0	0	2	2
NY	0	0	0	1	0	0	0	0	1
OH	1	0	0	0	0	0	0	2	3
OK	0	0	0	1	0	0	0	0	1
SC	0	0	0	0	0	0	0	1	1
TX	0	0	0	1	0	0	0	8	9
VA	0	0	0	0	0	1	0	0	1
WI	0	0	0	0	0	0	0	1	1
WV	3	0	0	0	0	0	0	0	3
TOTAL	4	0	0	7	0	3	0	24	38
PERCENT	11	0	0	18	0	8	0	63	100

2000 FLASH FLOOD / RIVER FLOOD FATALITIES BY AGE AND GENDER					
	<u>FEMALE</u>	<u>MALE</u>	<u>UNKNOWN</u>	<u>TOTAL</u>	<u>PERCENT</u>
0 TO 9	1	3	0	4	11
10 TO 19	1	4	0	5	13
20 TO 29	4	7	0	11	29
30 TO 39	0	3	0	3	8
40 TO 49	2	0	0	2	5
50 TO 59	4	3	0	7	18
60 TO 69	2	2	0	4	11
70 TO 79	0	1	0	1	3
80 TO 89	1	0	0	1	3
90 TO --	0	0	0	0	0
UNKNOWN	0	0	0	0	0
TOTAL	15	23	0	38	100*
PERCENT	39	61	0	100	

(* Due to rounding total does not equal 100%)

LEGEND	
BO	- Boat
BU	- Business
CA	- Camping
IW	- In Water
MH	- Mobile Home
OT	- Other/Unknown
PH	- Permanent Home
VE	- Vehicle

2000 Flash Flood / River Flood Related Fatalities (Continued)

2000 FLASH FLOOD / RIVER FLOOD FATALITIES BY STATE			
<u>STATE</u>	<u>FLASH FLOOD</u>	<u>RIVER FLOOD</u>	<u>TOTAL</u>
AZ	1	0	1
CA	1	2	3
CO	1	0	1
IA	0	2	2
IL	3	1	4
IN	1	0	1
KY	1	0	1
MN	1	0	1
MO	2	0	2
ND	2	0	2
NY	1	0	1
OH	0	3	3
OK	1	0	1
SC	1	0	1
TX	9	0	9
VA	1	0	1
WI	1	0	1
WV	3	0	3
TOTAL	30	8	38
PERCENT	79	21	100

2000 FLASH FLOOD / RIVER FLOOD FATALITIES BY GENDER				
	<u>FLASH FLOOD</u>	<u>RIVER FLOOD</u>	<u>TOTAL</u>	<u>PERCENT</u>
FEMALE	12	3	15	39
MALE	18	5	23	61
UNKNOWN	0	0	0	0
TOTAL	30	8	38	100
PERCENT	79	21	100	

2000 Cold Related Fatalities

Extreme cold killed 26 people in 2000, significantly higher than 1999's total of 7. Of the 14 states suffering cold related deaths, South Carolina accounted for 7 of the 26 lives. Twenty-one fatalities (81%) occurred outside in the open. Sixteen were male and ten female. Age demographics were spread throughout the age groups.

2000 COLD RELATED FATALITIES BY STATE AND LOCATION

<u>STATE</u>	<u>IW</u>	<u>MH</u>	<u>OT</u>	<u>OU</u>	<u>PH</u>	<u>VE</u>	<u>TOTAL</u>
AK	0	0	0	2	0	0	2
AL	0	0	0	1	0	0	1
IA	0	0	0	1	0	0	1
IL	0	0	0	1	1	0	2
MO	0	0	0	1	0	0	1
MS	0	0	0	1	0	0	1
NC	0	0	0	1	0	0	1
ND	0	0	0	1	0	0	1
NY	0	0	1	1	0	1	3
OK	0	0	0	2	0	0	2
PA	0	0	0	2	0	0	2
SC	0	1	0	6	0	0	7
TN	0	0	1	0	0	0	1
VA	0	0	0	1	0	0	1
TOTAL	0	1	2	21	1	1	26
PERCENT	0	4	8	81	4	4	101*

(* Due to rounding total does not equal 100%)

2000 COLD RELATED FATALITIES BY AGE AND GENDER

	<u>FEMALE</u>	<u>MALE</u>	<u>UNKNOWN</u>	<u>TOTAL</u>	<u>PERCENT</u>
0 TO 9	0	0	0	0	0
10 TO 19	1	1	0	2	8
20 TO 29	0	0	0	0	0
30 TO 39	0	2	0	2	8
40 TO 49	3	2	0	5	19
50 TO 59	1	2	0	3	12
60 TO 69	1	2	0	3	12
70 TO 79	3	2	0	5	19
80 TO 89	1	2	0	3	12
90 TO --	0	0	0	0	0
UNKNOWN	0	3	0	3	12
TOTAL	10	16	0	26	102*
PERCENT	38	62	0	100	

(* Due to rounding total does not equal 100%)

LEGEND

IW - In Water
MH - Mobile Home
OT - Other/Unknown
OU - Outside Open
PH - Permanent Home
VE - Vehicle

2000 Winter Weather Related Fatalities

Winter Weather caused 41 deaths in 2000, all from winter storms. There were no ice related fatalities in 2000. However, in addition to the storm deaths, 16 people died in avalanches. Fatalities from winter weather held steady at 41, the same as in 1999, but down significantly from the 1998's total of 77. Of the 41 deaths, 25 were in a vehicle, 13 were out in the open, and 3 were other/unknown. Arizona recorded the most victims with 9; Texas lost 6 people, and Alaska and Kansas each lost 5 people to winter weather. Of those who died, 76% were under 50.

2000 WINTER STORM FATALITIES BY STATE AND LOCATION

<u>STATE</u>	<u>LS</u>	<u>MH</u>	<u>OT</u>	<u>OU</u>	<u>PH</u>	<u>VE</u>	<u>TOTAL</u>
AK	0	0	0	3	0	2	5
AR	0	0	0	1	0	0	1
AZ	0	0	0	3	0	5	8
CA	0	0	0	3	0	0	3
ID	0	0	0	1	0	0	1
IL	0	0	0	0	0	2	2
KS	0	0	0	0	0	5	5
LA	0	0	2	0	0	0	2
MD	0	0	0	1	0	0	1
NY	0	0	0	0	0	1	1
OR	0	0	0	0	0	3	3
TX	0	0	1	0	0	5	6
UT	0	0	0	0	0	1	1
VA	0	0	0	1	0	0	1
VT	0	0	0	0	0	1	1
TOTAL	0	0	3	13	0	25	41
PERCENT	0	0	7	32	0	61	100

2000 WINTER STORM FATALITIES BY AGE AND GENDER

	<u>FEMALE</u>	<u>MALE</u>	<u>UNKNOWN</u>	<u>TOTAL</u>	<u>PERCENT</u>
0 TO 9	2	2	1	5	12
10 TO 19	2	4	0	6	15
20 TO 29	1	5	0	6	15
30 TO 39	5	4	0	9	22
40 TO 49	3	2	0	5	12
50 TO 59	0	0	0	0	0
60 TO 69	1	1	0	2	5
70 TO 79	1	3	0	4	10
80 TO 89	0	0	0	0	0
90 TO --	0	0	0	0	0
UNKNOWN	1	2	1	4	10
TOTAL	16	23	2	41	101*
PERCENT	39	56	5	100	

(* Due to rounding total does not equal 100%)

LEGEND

LS - Long-Span Roof
MH - Mobile Home
OT - Other/Unknown
OU - Outside Open
PH - Permanent Home
VE - Vehicle

2000 Wind Related Fatalities

Wind related fatalities totaled 51 in 2000, slightly lower than the 10-year average of 54. High winds accounted for 26 deaths; thunderstorms took 25 lives. Mississippi recorded the highest number of deaths, 4. Alabama, Arkansas, California, Pennsylvania and Tennessee each listed 3 fatalities. There were 22 fatalities in vehicles. Males accounted for 63% of the deaths. Almost all age groups were vulnerable to both thunderstorm and high winds.

2000 HIGH WIND AND THUNDERSTORM WIND FATALITIES BY STATE AND LOCATION

<u>STATE</u>	<u>BO</u>	<u>CA</u>	<u>LS</u>	<u>MH</u>	<u>OT</u>	<u>OU</u>	<u>PH</u>	<u>SC</u>	<u>VE</u>	<u>TOTAL</u>
AL	1	0	0	0	1	0	0	0	1	3
AR	0	0	0	1	0	0	1	0	1	3
CA	0	0	0	1	0	1	0	0	1	3
CT	0	0	0	0	0	0	0	0	1	1
FL	0	0	0	0	1	0	0	0	0	1
IL	0	0	0	0	0	0	0	0	1	1
IN	0	0	0	0	0	0	0	0	1	1
KS	0	0	0	0	1	0	0	0	0	1
KY	0	0	0	1	0	0	0	0	1	2
LA	0	0	0	0	0	0	0	0	2	2
MD	1	0	0	0	0	0	0	0	0	1
MI	0	0	0	0	1	0	0	0	1	2
MN	0	1	0	0	0	0	0	0	0	1
MS	0	0	0	0	0	1	1	0	2	4
MT	0	0	0	0	1	0	0	0	0	1
NC	0	0	0	0	1	0	0	0	1	2
ND	0	0	1	0	0	0	0	0	0	1
NH	0	0	0	0	1	0	0	0	1	2
NY	0	0	0	0	1	0	0	0	0	1
OH	0	0	0	1	0	1	0	0	0	2
OR	0	0	0	0	0	0	0	0	2	2
PA	0	0	0	1	1	0	0	0	1	3
SC	0	0	0	0	0	0	0	0	1	1
TN	0	0	0	1	0	0	0	0	2	3
TX	1	0	1	0	0	0	0	0	0	2
UT	0	0	0	0	1	0	0	0	0	1
VA	0	0	0	0	2	0	0	0	0	2
WA	0	0	0	0	0	0	0	0	2	2
TOTAL	3	1	2	6	12	3	2	0	22	51
PERCENT	6	2	4	12	24	6	4	0	43	101*

(* Due to rounding total does not equal 100%)

2000 HIGH WIND AND THUNDERSTORM WIND FATALITIES BY AGE AND GENDER

	<u>FEMALE</u>	<u>MALE</u>	<u>UNKNOWN</u>	<u>TOTAL</u>	<u>PERCENT</u>
0 TO 9	1	0	0	1	2
10 TO 19	1	2	0	3	6
20 TO 29	2	3	0	5	10
30 TO 39	4	5	0	9	18
40 TO 49	2	5	0	7	14
50 TO 59	2	13	0	15	29
60 TO 69	1	2	0	3	6
70 TO 79	4	0	0	4	8
80 TO 89	1	1	0	2	4
90 TO --	0	0	0	0	0
UNKNOWN	1	1	0	2	4
TOTAL	19	32	0	51	101*
PERCENT	37	63	0	100	

(* Due to rounding total does not equal 100%)

LEGEND

BO - Boat
CA - Camping
LS - Long-Span Roof
MH - Mobile Home
OT - Other/Unknown
OU - Outside Open
PH - Permanent Home
SC - School
VE - Vehicle

2000 Wind Related Fatalities (Continued)

2000 HIGH WIND AND THUNDERSTORM WIND FATALITIES BY STATE

<u>STATE</u>	<u>TSTM WIND</u>	<u>HIGH WIND</u>	<u>TOTAL</u>
AL	2	1	3
AR	3	0	3
CA	0	3	3
CT	1	0	1
FL	0	1	1
IL	1	0	1
IN	1	0	1
KS	0	1	1
KY	2	0	2
LA	0	2	2
MD	1	0	1
MI	2	0	2
MN	1	0	1
MS	3	1	4
MT	1	0	1
NC	0	2	2
ND	0	1	1
NH	1	1	2
NY	0	1	1
OH	0	2	2
OR	0	2	2
PA	0	3	3
SC	1	0	1
TN	3	0	3
TX	2	0	2
UT	0	1	1
VA	0	2	2
WA	0	2	2
TOTAL	25	26	51
PERCENT	49	51	100

2000 HIGH WIND AND THUNDERSTORM WIND FATALITIES BY GENDER

	<u>TSTM WIND</u>	<u>HIGH WIND</u>	<u>TOTAL</u>	<u>PERCENT</u>
FEMALE	12	7	19	37
MALE	13	19	32	63
UNKNOWN	0	0	0	0
TOTAL	25	26	51	100
PERCENT	49	51	100	



TOTAL LIGHTNING DEATHS BY STATE AND NATION FOR YEAR 2000



STATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
ALABAMA	0	0	0	0	0	0	0	0	0	0	0	0	0
ALASKA	0	0	0	0	0	0	0	0	0	0	0	0	0
ARIZONA	0	0	0	0	0	0	0	1	0	1	0	0	2
ARKANSAS	0	0	0	0	0	0	0	0	0	0	0	0	0
CALIFORNIA	0	0	0	0	0	0	0	0	0	0	0	0	0
COLORADO	0	0	0	0	0	0	2	0	0	0	0	0	2
CONNECTICUT	0	0	0	0	1	0	0	0	0	0	0	0	1
DELAWARE	0	0	0	0	0	0	0	0	0	0	0	0	0
DISTRICT OF COLUMBIA	0	0	0	0	0	0	0	0	0	0	0	0	0
FLORIDA	0	0	0	0	0	4	3	0	1	0	0	0	8
GEORGIA	0	0	2	0	0	0	1	1	0	0	0	0	4
HAWAII	0	0	0	0	0	0	0	0	0	1	0	0	1
IDAHO	0	0	0	0	0	0	0	0	0	0	0	0	0
ILLINOIS	0	0	0	0	0	0	0	0	0	0	0	0	0
INDIANA	0	0	0	0	0	0	0	0	0	0	0	0	0
IOWA	0	0	0	0	0	0	0	1	0	0	0	0	1
KANSAS	0	0	0	0	0	0	0	0	0	0	0	0	0
KENTUCKY	0	0	0	0	0	1	0	3	0	0	0	0	4
LOUISIANA	0	0	0	0	0	2	1	0	0	0	0	0	3
MAINE	0	0	0	0	0	0	1	0	0	0	0	0	1
MARYLAND	0	0	0	0	0	1	2	0	0	0	0	0	3
MASSACHUSETTS	0	0	0	0	0	1	0	0	0	0	0	0	1
MICHIGAN	0	0	0	0	0	0	0	0	1	0	0	0	1
MINNESOTA	0	0	0	0	0	0	0	0	0	0	0	0	0
MISSISSIPPI	0	0	0	0	0	0	1	0	0	0	0	0	1
MISSOURI	0	0	0	0	0	0	0	0	0	0	0	0	0
MONTANA	0	0	0	0	0	0	0	0	0	0	0	0	0
NEBRASKA	0	0	0	0	0	0	0	0	0	0	0	0	0
NEVADA	0	0	0	0	0	0	0	0	0	0	0	0	0
NEW HAMPSHIRE	0	0	0	0	0	0	0	0	0	0	0	0	0
NEW JERSEY	0	0	0	0	0	0	0	0	0	0	0	0	0
NEW MEXICO	0	0	0	0	0	0	0	0	0	0	0	0	0
NEW YORK	0	0	1	0	0	0	0	0	0	0	0	0	1
NORTH CAROLINA	0	0	0	0	0	1	0	0	0	0	0	0	1
NORTH DAKOTA	0	0	0	0	0	0	0	0	0	0	0	0	0
OHIO	0	0	0	0	0	0	1	0	1	0	0	0	2
OKLAHOMA	0	0	0	0	0	0	0	0	0	0	0	0	0
OREGON	0	0	0	0	0	0	0	0	0	0	0	0	0
PENNSYLVANIA	0	0	0	0	0	0	1	0	0	1	0	0	2
PUERTO RICO	0	0	0	0	0	0	0	0	0	0	0	0	0
RHODE ISLAND	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTH CAROLINA	0	0	0	0	0	2	0	0	0	0	0	0	2
SOUTH DAKOTA	0	0	0	0	0	0	0	0	0	0	0	0	0
TENNESSEE	0	0	0	0	0	0	0	0	0	0	0	0	0
TEXAS	0	0	1	0	0	1	1	2	0	0	0	0	5
UTAH	0	0	0	0	0	0	0	2	0	0	0	0	2
VERMONT	0	0	0	0	0	0	0	0	0	0	0	0	0
VIRGINIA	0	0	0	0	0	0	1	1	0	0	0	0	2
WASHINGTON	0	0	0	0	0	0	0	0	0	0	0	0	0
WEST VIRGINIA	0	0	0	0	0	0	0	0	0	0	0	0	0
WISCONSIN	0	0	0	0	0	0	0	1	0	0	0	0	1
WYOMING	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL: UNITED STATES	0	0	4	0	1	13	15	12	3	3	0	0	51



TOTAL LIGHTNING INJURIES BY STATE AND NATION FOR YEAR 2000



STATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
ALABAMA	0	0	0	1	1	3	0	0	6	0	0	0	11
ALASKA	0	0	0	0	0	0	0	0	0	0	0	0	0
ARIZONA	0	0	0	0	0	2	2	9	0	7	0	0	20
ARKANSAS	0	0	0	0	0	0	0	2	0	0	0	0	2
CALIFORNIA	0	0	3	1	0	4	0	0	4	0	0	0	12
COLORADO	0	0	0	0	0	0	14	0	0	2	0	0	16
CONNECTICUT	0	0	0	0	0	5	0	0	12	0	0	0	17
DELAWARE	0	0	0	0	0	0	0	0	0	0	0	0	0
DISTRICT OF COLUMBIA	0	0	0	0	0	0	0	0	0	0	0	0	0
FLORIDA	0	1	0	0	0	17	12	4	1	0	0	0	35
GEORGIA	0	51	0	0	0	6	7	9	3	0	0	0	76
HAWAII	0	0	0	0	0	0	0	0	0	0	0	0	0
IDAHO	0	0	0	0	0	0	0	0	0	0	0	0	0
ILLINOIS	0	0	0	1	0	1	2	0	0	0	0	0	4
INDIANA	0	0	0	0	0	0	0	0	0	0	0	0	0
IOWA	0	0	0	0	0	0	0	0	0	0	0	0	0
KANSAS	0	0	0	0	0	0	0	0	2	0	0	0	2
KENTUCKY	0	0	0	0	0	0	0	1	0	0	0	0	1
LOUISIANA	0	0	0	0	0	1	0	0	0	0	0	0	1
MAINE	0	0	0	0	1	3	7	0	0	0	0	0	11
MARYLAND	0	0	0	1	1	10	2	0	0	0	0	0	14
MASSACHUSETTS	0	0	0	0	1	3	0	0	0	0	0	0	4
MICHIGAN	0	0	0	2	13	0	0	0	2	0	0	0	17
MINNESOTA	0	0	0	0	0	0	0	1	0	0	0	0	1
MISSISSIPPI	0	0	0	0	0	0	0	0	0	0	0	0	0
MISSOURI	0	0	0	0	0	0	4	0	0	0	0	0	4
MONTANA	0	0	0	0	0	0	0	0	0	0	0	0	0
NEBRASKA	0	0	0	0	0	0	0	0	0	0	0	0	0
NEVADA	0	0	0	0	0	0	0	0	0	0	0	0	0
NEW HAMPSHIRE	0	0	0	0	0	2	4	0	0	0	0	0	6
NEW JERSEY	0	0	0	0	1	0	0	3	0	0	0	0	4
NEW MEXICO	0	0	0	0	0	0	0	1	0	0	0	0	1
NEW YORK	0	0	1	0	3	7	4	7	1	0	0	0	23
NORTH CAROLINA	0	0	0	0	0	9	0	1	0	0	0	0	10
NORTH DAKOTA	0	0	0	0	0	0	0	0	0	0	0	0	0
OHIO	0	0	0	0	0	5	0	0	1	0	0	0	6
OKLAHOMA	0	0	0	0	3	0	0	0	0	2	0	0	5
OREGON	0	0	0	0	0	0	0	1	0	0	0	0	1
PENNSYLVANIA	0	0	0	0	3	6	1	0	0	0	0	0	10
PUERTO RICO	0	0	0	0	0	0	0	0	0	0	0	0	0
RHODE ISLAND	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTH CAROLINA	0	0	0	0	0	0	0	0	1	0	0	0	1
SOUTH DAKOTA	0	0	0	0	0	0	0	0	0	0	0	0	0
TENNESSEE	0	0	0	0	1	0	0	2	0	0	0	0	3
TEXAS	0	0	0	0	0	0	1	17	0	1	0	0	19
UTAH	0	0	0	0	0	0	0	5	0	0	0	0	5
VERMONT	0	0	0	0	0	0	1	0	0	0	0	0	1
VIRGINIA	0	0	2	0	0	6	3	0	0	0	0	0	11
WASHINGTON	0	0	0	0	0	0	0	0	1	0	0	0	1
WEST VIRGINIA	0	0	0	0	0	0	0	0	0	0	0	0	0
WISCONSIN	0	0	0	0	0	0	2	2	0	0	0	0	4
WYOMING	0	0	0	0	0	0	0	5	0	0	0	0	5
TOTAL: UNITED STATES	0	52	6	6	28	90	66	70	34	12	0	0	364



TOTAL LIGHTNING DEATHS BY STATE AND NATION FOR PERIOD 1959-2000



STATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
ALABAMA	0	0	1	3	4	10	10	7	1	1	0	0	37
ALASKA	0	0	0	0	0	0	0	0	0	0	0	0	0
ARIZONA	0	0	0	0	4	0	8	8	9	2	0	1	32
ARKANSAS	0	0	8	0	2	15	18	15	4	0	0	0	62
CALIFORNIA	0	0	0	0	1	2	3	1	5	0	0	0	12
COLORADO	0	0	0	2	1	12	28	15	7	1	0	0	66
CONNECTICUT	0	0	0	0	1	2	3	2	0	0	0	0	8
DELAWARE	0	0	0	0	3	1	2	3	0	0	0	0	9
DISTRICT OF COLUMBIA	0	0	0	0	0	2	1	1	0	0	0	0	4
FLORIDA	0	0	2	5	8	51	68	57	32	2	0	0	225
GEORGIA	0	0	3	2	5	10	17	11	2	1	0	0	51
HAWAII	0	0	0	0	0	0	0	0	0	1	0	0	1
IDAHO	0	0	0	0	0	4	2	1	1	0	0	0	8
ILLINOIS	0	0	0	2	3	17	8	12	4	1	0	0	47
INDIANA	0	0	1	2	3	10	9	10	4	2	0	0	41
IOWA	0	0	0	1	5	10	2	12	1	2	0	0	33
KANSAS	0	0	0	3	3	6	7	2	1	1	3	0	26
KENTUCKY	0	0	0	2	3	10	9	9	12	0	0	0	45
LOUISIANA	1	1	1	4	5	16	25	3	11	0	2	2	71
MAINE	0	0	0	0	0	1	4	4	0	3	0	0	12
MARYLAND	0	0	0	0	2	5	8	6	2	1	0	81	105
MASSACHUSETTS	0	0	0	0	1	4	1	5	1	0	0	0	12
MICHIGAN	0	0	0	1	2	14	21	14	6	0	0	0	58
MINNESOTA	0	0	0	1	2	9	6	11	2	1	0	0	32
MISSISSIPPI	0	0	3	1	5	7	19	9	5	0	0	0	49
MISSOURI	0	0	4	0	7	16	8	7	1	1	0	0	44
MONTANA	0	0	0	0	0	5	8	0	1	0	0	0	14
NEBRASKA	0	0	0	0	1	8	6	6	3	0	0	0	24
NEVADA	0	0	0	0	1	1	0	1	1	0	0	0	4
NEW HAMPSHIRE	0	0	0	0	0	0	0	0	0	0	0	0	0
NEW JERSEY	0	0	0	1	3	2	6	7	5	0	0	0	24
NEW MEXICO	0	0	0	0	3	6	13	26	2	0	0	0	50
NEW YORK	0	0	1	0	4	11	35	18	5	2	0	0	76
NORTH CAROLINA	0	1	2	0	6	12	28	21	4	0	0	0	74
NORTH DAKOTA	0	0	0	0	0	3	3	1	0	0	0	0	7
OHIO	0	0	0	2	5	14	22	13	9	2	2	0	69
OKLAHOMA	1	0	0	3	6	8	7	16	10	2	0	0	53
OREGON	0	0	0	0	1	0	0	0	2	0	0	0	3
PENNSYLVANIA	0	0	0	1	2	10	22	13	7	2	0	0	57
PUERTO RICO	0	0	0	0	0	0	2	6	0	0	0	0	8
RHODE ISLAND	0	0	0	0	0	0	1	0	2	0	0	0	3
SOUTH CAROLINA	0	0	1	0	3	6	13	10	8	0	0	0	41
SOUTH DAKOTA	0	0	0	0	4	1	2	1	2	2	0	0	12
TENNESSEE	0	1	0	5	7	23	15	12	12	2	1	0	78
TEXAS	0	1	2	10	16	12	26	16	10	2	0	0	95
UTAH	0	0	0	1	1	4	5	7	4	0	0	0	22
VERMONT	0	0	0	0	0	1	1	2	0	0	0	0	4
VIRGINIA	0	0	0	1	1	4	8	5	3	0	0	0	22
WASHINGTON	0	0	0	1	0	1	1	0	1	0	0	0	4
WEST VIRGINIA	0	0	0	0	3	4	5	4	1	0	0	0	17
WISCONSIN	0	0	1	1	0	7	7	12	2	0	0	1	31
WYOMING	0	0	0	0	0	4	6	5	2	0	0	0	17
TOTAL: UNITED STATES	2	4	30	55	137	381	529	427	207	34	8	85	1899



TOTAL LIGHTNING INJURIES BY STATE AND NATION FOR PERIOD 1959-2000



STATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
ALABAMA	1	2	11	3	10	17	63	25	10	4	0	0	146
ALASKA	0	0	0	0	0	0	1	1	0	0	0	0	2
ARIZONA	0	1	0	0	4	6	16	43	22	10	1	3	106
ARKANSAS	1	1	3	7	8	25	19	40	7	0	0	1	112
CALIFORNIA	0	0	7	2	1	4	10	8	17	1	1	0	51
COLORADO	0	0	0	3	23	67	85	78	18	5	0	0	279
CONNECTICUT	1	1	2	1	2	7	16	6	18	3	0	0	57
DELAWARE	0	0	0	0	7	6	2	0	1	0	0	0	16
DISTRICT OF COLUMBIA	0	0	0	0	0	13	0	1	0	0	1	0	15
FLORIDA	0	2	13	20	45	165	259	181	139	38	1	1	864
GEORGIA	2	51	3	3	20	53	81	42	7	5	0	1	268
HAWAII	0	1	0	0	0	0	0	4	0	0	3	0	8
IDAHO	0	0	0	0	0	18	10	10	6	1	0	0	45
ILLINOIS	0	1	0	2	14	34	28	49	27	6	0	0	161
INDIANA	0	0	2	1	16	18	36	22	8	0	0	0	103
IOWA	0	0	0	3	11	28	13	11	6	1	0	0	73
KANSAS	0	0	5	4	6	15	30	17	27	2	2	0	108
KENTUCKY	0	0	1	2	11	17	41	14	8	0	0	0	94
LOUISIANA	4	1	5	25	15	19	35	24	9	7	2	2	148
MAINE	0	10	0	0	3	17	31	18	0	0	1	0	80
MARYLAND	1	0	1	2	6	29	24	23	4	3	0	0	93
MASSACHUSETTS	0	0	0	0	12	43	72	54	26	0	0	1	208
MICHIGAN	0	0	2	9	26	77	108	64	28	8	0	0	322
MINNESOTA	0	0	1	0	9	14	23	18	2	3	0	0	70
MISSISSIPPI	1	0	4	2	10	5	45	16	8	3	7	1	102
MISSOURI	0	1	1	9	5	14	12	17	8	1	4	0	72
MONTANA	0	0	0	0	1	8	5	2	1	1	0	0	18
NEBRASKA	0	0	0	2	13	7	8	11	3	0	0	0	44
NEVADA	0	0	0	0	3	2	8	3	1	0	0	0	17
NEW HAMPSHIRE	0	0	1	0	0	5	39	14	0	0	0	0	59
NEW JERSEY	1	0	0	1	10	6	20	17	19	0	0	0	74
NEW MEXICO	0	0	0	1	3	12	51	56	6	1	0	0	130
NEW YORK	0	0	1	1	19	58	89	114	25	5	1	0	313
NORTH CAROLINA	0	2	19	4	18	70	101	98	22	2	1	0	337
NORTH DAKOTA	0	0	0	0	1	1	6	3	2	0	0	0	13
OHIO	0	0	2	5	30	53	63	94	53	4	12	0	316
OKLAHOMA	1	0	1	7	16	22	26	34	27	20	8	2	164
OREGON	0	0	0	0	1	0	0	10	1	0	0	0	12
PENNSYLVANIA	1	1	0	0	25	102	96	35	45	3	0	0	308
PUERTO RICO	0	0	0	0	0	0	0	2	0	0	0	0	2
RHODE ISLAND	0	0	0	0	0	3	1	9	3	0	1	0	17
SOUTH CAROLINA	0	0	0	5	11	17	47	28	17	0	1	0	126
SOUTH DAKOTA	0	0	0	1	3	9	12	7	1	2	0	0	35
TENNESSEE	1	3	6	25	30	15	64	34	9	5	1	0	193
TEXAS	2	3	5	6	22	39	54	51	44	8	3	0	237
UTAH	0	0	0	1	8	16	10	18	7	1	0	0	61
VERMONT	0	0	0	0	0	5	5	2	0	0	0	0	12
VIRGINIA	0	0	4	4	7	28	65	23	9	0	0	0	140
WASHINGTON	0	0	0	1	0	12	4	14	1	0	1	1	34
WEST VIRGINIA	0	0	0	10	1	4	40	27	0	1	0	0	83
WISCONSIN	0	1	1	3	3	49	46	38	7	3	0	0	151
WYOMING	0	0	0	1	2	14	10	16	8	0	0	0	51
TOTAL: UNITED STATES	17	82	101	176	491	1268	1930	1546	717	157	52	13	6550



NATIONAL TOTAL LIGHTNING DEATHS BY YEAR FOR PERIOD 1959-2000



YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1959	0	0	0	1	8	13	27	11	10	5	0	0	75
1960	0	0	0	2	0	19	12	8	7	0	0	0	48
1961	0	0	0	1	1	18	25	8	8	0	0	0	61
1962	0	0	0	1	4	7	14	16	5	1	0	0	48
1963	0	0	4	1	2	26	16	12	7	1	0	81*	150
1964	0	0	9	2	2	8	10	10	7	1	0	0	49
1965	0	0	2	3	6	19	16	9	2	0	0	0	57
1966	0	0	1	0	0	7	12	10	7	2	0	0	39
1967	0	0	1	1	1	6	10	6	1	0	0	1	27
1968	0	0	0	0	4	10	14	12	7	3	0	1	51
1969	0	0	0	3	2	6	15	6	11	3	0	0	46
1970	0	0	0	0	7	14	12	5	11	1	0	0	50
1971	0	0	1	0	4	16	15	9	17	0	0	0	62
1972	0	0	1	1	2	14	14	19	0	0	0	0	51
1973	0	1	0	1	4	10	17	7	7	2	1	0	50
1974	0	1	0	5	4	16	18	10	3	0	1	0	58
1975	0	0	1	0	2	8	16	5	5	1	0	0	38
1976	0	0	0	1	4	5	9	10	3	2	0	0	34
1977	0	0	0	1	4	8	7	31	8	0	0	0	59
1978	0	0	0	0	0	9	16	15	3	1	0	0	44
1979	0	0	0	0	4	0	7	7	4	2	0	0	24
1980	0	0	0	0	3	9	14	11	2	0	0	0	39
1981	0	0	0	4	2	9	4	15	5	0	1	0	40
1982	1	0	0	1	1	4	11	12	2	1	0	0	33
1983	0	0	1	2	2	6	15	16	5	1	1	0	49
1984	0	0	0	1	3	5	12	6	5	0	1	0	33
1985	0	0	0	2	5	7	13	3	4	0	0	0	34
1986	0	0	0	2	4	4	9	11	2	0	0	0	32
1987	0	0	0	0	6	6	15	7	0	1	0	0	35
1988	0	0	0	0	3	2	9	12	1	1	2	0	30
1989	0	0	0	1	5	3	4	7	2	1	0	0	23
1990	0	0	2	0	2	9	10	7	9	0	0	0	39
1991	0	0	0	1	2	6	13	11	3	0	0	0	36
1992	0	0	0	2	1	3	6	8	5	0	0	0	25
1993	0	0	0	0	5	2	4	5	4	0	0	0	20
1994	0	0	0	1	4	3	13	6	4	1	0	0	32
1995	0	0	0	4	4	3	16	9	7	0	0	0	43
1996	1	0	0	4	3	18	8	13	4	0	0	1	52
1997	0	1	0	1	6	10	12	8	4	0	0	0	42
1998	0	1	2	2	3	12	9	12	2	0	0	1	44
1999	0	0	1	3	7	8	15	10	1	0	1	0	46
2000	0	0	4	0	1	13	15	12	4	2	0	0	51
TOTAL	2	4	30	55	137	381	529	427	208	33	8	85	1899
MEAN	0	0	1	1	3	9	13	10	5	1	0	2	45

* ON DECEMBER 8, 1963 THE CRASH OF A JETLINER KILLING 81 PEOPLE NEAR ELKIN, MARYLAND, WAS ATTRIBUTED TO LIGHTNING BY THE CIVIL AERONAUTICS BOARD INVESTIGATORS.



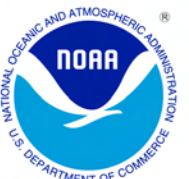
NATIONAL TOTAL LIGHTNING INJURIES BY YEAR FOR PERIOD 1959-2000



YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1959	0	0	0	1	14	31	40	26	18	3	1	0	134
1960	0	0	0	2	0	29	11	27	13	6	3	0	91
1961	0	0	5	1	8	40	48	35	26	1	1	1	166
1962	0	0	0	1	8	13	48	20	5	5	0	0	100
1963	0	0	0	1	6	54	22	27	18	1	0	0	129
1964	0	0	7	3	2	11	31	33	7	0	1	0	95
1965	1	2	0	0	8	28	29	31	14	0	0	0	113
1966	0	1	0	0	2	22	25	28	12	1	0	0	91
1967	0	0	0	1	5	20	22	8	3	1	0	1	61
1968	0	0	1	0	8	26	48	28	11	9	1	0	132
1969	0	0	0	4	6	29	19	14	6	0	0	1	79
1970	0	0	1	0	13	30	35	23	33	4	1	0	140
1971	0	1	0	0	6	34	30	28	17	1	1	0	118
1972	0	0	4	4	6	16	20	34	3	2	1	0	90
1973	0	0	9	1	7	11	24	38	23	9	1	0	123
1974	1	2	0	2	1	15	28	25	9	1	0	0	84
1975	0	0	0	0	9	10	49	24	22	1	0	0	115
1976	0	1	0	4	6	19	27	29	3	1	0	1	91
1977	0	0	0	0	5	19	26	46	41	0	1	0	138
1978	0	0	0	1	2	19	28	20	39	5	0	0	114
1979	0	0	2	4	9	9	27	22	4	2	0	0	79
1980	0	1	1	8	4	25	29	102	16	0	0	0	186
1981	0	0	1	4	19	23	80	39	5	1	12	0	184
1982	1	0	2	3	4	8	12	16	8	4	4	1	63
1983	0	0	23	3	11	8	43	73	12	30	0	0	203
1984	0	0	1	4	5	26	57	22	40	0	1	0	156
1985	0	0	0	2	33	38	29	24	23	0	0	0	149
1986	0	2	4	1	9	24	43	25	11	1	0	0	120
1987	0	0	0	4	11	31	49	60	31	2	1	1	190
1988	0	0	0	1	16	7	69	47	2	4	0	0	146
1989	0	0	4	5	10	26	83	35	6	4	2	0	175
1990	0	0	2	2	8	20	64	31	24	1	0	0	152
1991	0	0	0	9	12	52	61	48	24	1	0	0	207
1992	0	0	2	4	30	8	50	37	24	6	0	0	161
1993	1	0	0	1	9	45	55	23	11	1	0	1	147
1994	0	1	0	21	27	33	96	69	23	13	4	1	288
1995	4	1	3	16	18	25	96	50	17	0	3	0	233
1996	2	3	4	12	36	102	66	49	21	6	6	2	309
1997	3	12	7	8	8	69	109	48	27	11	4	0	306
1998	1	3	9	24	28	81	69	45	16	4	2	3	285
1999	3	0	3	8	34	42	67	67	15	3	1	0	243
2000	0	52	6	6	28	90	66	70	34	12	0	0	364
TOTAL	17	82	101	176	491	1268	1930	1546	717	157	52	13	6550
MEAN	0	2	2	4	12	30	46	37	17	4	1	0	156



LIGHTNING DEATHS BY STATE, RANK, AND LOCATION OF OCCURRENCE 1959-2000



2000

STATE	RANK	OPEN FIELDS, BALL PARKS AND OPEN SPACES		UNDER TREES		BOATING, FISHING AND WATER RELATED		NEAR TRACTORS HEAVY ROAD EQUIPMENT		GOLF COURSES		AT TELEPHONES		VARIOUS OTHER AND UNKNOWN LOCATIONS		OPEN FIELDS, BALL PARKS AND OPEN SPACES		UNDER TREES		BOATING, FISHING AND WATER RELATED		NEAR TRACTORS HEAVY ROAD EQUIPMENT		GOLF COURSES		AT TELEPHONES		VARIOUS OTHER AND UNKNOWN LOCATIONS	
		NO.	%	NO.	%	NO.	%	NO.	%	NO.	%	NO.	%	NO.	%	NO.	%	NO.	%	NO.	%	NO.	%	NO.	%	NO.	%	NO.	%
ALABAMA	22	9	24	11	30	8	22	0	0	0	0	0	0	9	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ALASKA	54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARIZONA	25	16	50	2	6	1	3	1	3	3	9	2	6	7	22	1	50	0	0	0	0	0	0	0	0	0	0	1	50
ARKANSAS	10	20	32	11	18	2	3	5	8	2	3	0	0	22	35	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CALIFORNIA	38	1	8	3	25	1	8	2	17	0	0	0	0	5	42	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COLORADO	9	30	45	13	20	2	3	2	3	5	8	0	0	14	21	1	50	0	0	0	0	0	0	0	0	0	0	1	50
CONNECTICUT	42	2	25	0	0	0	0	0	0	1	13	0	0	5	63	0	0	0	0	0	0	0	0	0	0	0	0	1	100
DELAWARE	39	4	44	0	0	3	33	0	0	0	0	0	0	2	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIST OF COLUMBIA	47	1	25	2	50	0	0	0	0	1	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FLORIDA	1	60	27	32	14	56	25	16	7	9	4	0	0	52	23	1	13	0	0	5	63	0	0	1	13	0	0	1	13
GEORGIA	14	18	35	9	18	8	16	3	6	2	4	1	2	10	20	0	0	1	25	1	25	2	50	0	0	0	0	0	0
HAWAII	53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
IDAHO	41	1	13	1	13	1	13	4	50	1	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ILLINOIS	17	12	26	13	28	2	4	3	6	3	6	1	2	13	28	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INDIANA	21	9	22	16	39	2	5	3	7	0	0	0	0	11	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0
IOWA	23	6	18	1	3	1	3	5	15	1	3	0	0	19	58	0	0	0	0	0	0	0	0	0	0	0	0	1	100
KANSAS	27	11	42	0	0	4	15	3	12	0	0	0	0	8	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KENTUCKY	18	10	22	4	9	2	4	2	4	2	4	1	2	24	53	1	25	0	0	0	0	0	0	0	0	0	0	3	75
LOUISIANA	7	6	8	25	35	17	24	6	8	0	0	0	0	17	24	0	0	3	100	0	0	0	0	0	0	0	0	0	0
MAINE	37	0	0	0	0	5	42	0	0	0	0	0	0	7	58	0	0	0	0	0	0	0	0	0	0	0	0	1	100
MARYLAND	2	7	7	4	4	10	10	1	1	0	0	1	1	82	78	1	33	1	33	0	0	0	0	0	0	1	33	0	0
MASSACHUSETTS	36	3	25	1	8	0	0	0	0	1	8	1	8	6	50	1	100	0	0	0	0	0	0	0	0	0	0	0	0
MICHIGAN	11	15	26	15	26	8	14	2	3	6	10	2	3	10	17	1	100	0	0	0	0	0	0	0	0	0	0	0	0
MINNESOTA	24	13	41	7	22	3	9	3	9	2	6	1	3	3	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MISSISSIPPI	16	16	33	12	24	6	12	4	8	0	0	0	0	11	22	0	0	0	0	1	100	0	0	0	0	0	0	0	0
MISSOURI	19	9	20	9	20	8	18	2	5	2	5	1	2	13	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MONTANA	34	5	36	2	14	1	7	4	29	0	0	0	0	2	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NEBRASKA	29	10	42	2	8	2	8	6	25	0	0	0	0	4	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NEVADA	46	0	0	0	0	0	0	0	0	1	25	0	0	3	75	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NEW HAMPSHIRE	52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NEW JERSEY	28	8	33	6	25	3	13	0	0	2	8	0	0	5	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NEW MEXICO	15	25	50	6	12	3	6	0	0	0	0	2	4	14	28	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NEW YORK	5	11	14	16	21	9	12	3	4	4	5	0	0	33	43	0	0	0	0	0	0	0	0	0	0	0	0	1	100
NORTH CAROLINA	6	16	22	10	14	8	11	4	5	2	3	0	0	34	46	1	100	0	0	0	0	0	0	0	0	0	0	0	0
NORTH DAKOTA	43	2	29	0	0	0	0	3	43	0	0	0	0	2	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0

* ON DECEMBER 8, 1963 THE CRASH OF A JETLINER KILLING 81 PEOPLE NEAR ELKIN, MARYLAND, WAS ATTRIBUTED TO LIGHTNING BY THE CIVIL AERONAUTICS BOARD INVESTIGATORS.



LIGHTNING DEATHS BY STATE, RANK, AND LOCATION OF OCCURRENCE

1959-2000



2000

STATE	RANK	OPEN FIELDS, BALL PARKS AND OPEN SPACES		UNDER TREES		BOATING, FISHING AND WATER RELATED		NEAR TRACTORS HEAVY ROAD EQUIPMENT		GOLF COURSES		AT TELEPHONES		VARIOUS OTHER AND UNKNOWN LOCATIONS		OPEN FIELDS, BALL PARKS AND OPEN SPACES		UNDER TREES		BOATING, FISHING AND WATER RELATED		NEAR TRACTORS HEAVY ROAD EQUIPMENT		GOLF COURSES		AT TELEPHONES		VARIOUS OTHER AND UNKNOWN LOCATIONS		
		NO.	%	NO.	%	NO.	%	NO.	%	NO.	%	NO.	%	NO.	%	NO.	%	NO.	%	NO.	%	NO.	%	NO.	%	NO.	%	NO.	%	
OHIO	8	18	26	9	13	8	12	7	10	6	9	1	1	20	29	0	0	1	50	0	0	0	0	0	0	0	0	0	1	50
OKLAHOMA	13	20	38	3	6	15	28	4	8	0	0	2	4	9	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
OREGON	49	1	33	1	33	0	0	0	0	0	0	0	0	1	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PENNSYLVANIA	12	23	40	4	7	1	2	1	2	4	7	0	0	24	42	2	100	0	0	0	0	0	0	0	0	0	0	0	0	
PUERTO RICO	40	3	38	2	25	1	13	0	0	0	0	0	0	2	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
RHODE ISLAND	48	0	0	0	0	0	0	0	0	0	0	0	0	3	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SOUTH CAROLINA	20	6	15	13	32	6	15	6	15	2	5	1	2	7	17	0	0	2	100	0	0	0	0	0	0	0	0	0	0	
SOUTH DAKOTA	35	2	17	1	8	2	17	5	42	1	8	0	0	1	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TENNESSEE	4	18	23	21	27	4	5	6	8	5	6	1	1	23	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TEXAS	3	34	36	16	17	14	15	10	11	3	3	0	0	18	19	3	60	1	20	0	0	0	0	0	0	0	0	1	20	
UTAH	31	11	50	6	27	0	0	2	9	0	0	0	0	3	14	2	100	0	0	0	0	0	0	0	0	0	0	0	0	
VERMONT	45	1	25	1	25	0	0	0	0	0	0	0	0	2	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
VIRGINIA	30	8	36	5	23	0	0	1	5	1	5	0	0	7	32	1	50	1	50	0	0	0	0	0	0	0	0	0	0	
WASHINGTON	44	2	50	1	25	0	0	1	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WEST VIRGINIA	33	4	24	6	35	1	6	1	6	0	0	0	0	5	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WISCONSIN	26	12	39	2	6	6	19	2	6	2	6	0	0	7	23	1	100	0	0	0	0	0	0	0	0	0	0	0	0	
WYOMING	32	12	71	0	0	2	12	0	0	0	0	0	0	3	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
UNITED STATES	0	531	28	324	17	236	12	134	7	74	4	18	1	582	31	17	33	10	20	7	14	3	6	1	2	1	2	12	24	



LIGHTNING INJURIES BY STATE, RANK, AND LOCATION OF OCCURRENCE

1959-2000 2000



STATE	RANK	OPEN FIELDS, BALL PARKS AND OPEN SPACES		UNDER TREES		BOATING, FISHING AND WATER RELATED		NEAR TRACTORS HEAVY ROAD EQUIPMENT		GOLF COURSES		AT TELEPHONES		VARIOUS OTHER AND UNKNOWN LOCATIONS		OPEN FIELDS, BALL PARKS AND OPEN SPACES		UNDER TREES		BOATING, FISHING AND WATER RELATED		NEAR TRACTORS HEAVY ROAD EQUIPMENT		GOLF COURSES		AT TELEPHONES		VARIOUS OTHER AND UNKNOWN LOCATIONS	
		NO.	%	NO.	%	NO.	%	NO.	%	NO.	%	NO.	%	NO.	%	NO.	%	NO.	%	NO.	%	NO.	%	NO.	%	NO.	%	NO.	%
OHIO	4	74	23	65	21	10	3	4	1	35	11	11	3	117	37	4	67	1	17	0	0	0	0	1	17	0	0	0	0
OKLAHOMA	12	63	38	7	4	8	5	5	3	0	0	11	7	70	43	3	60	0	0	0	0	0	0	0	0	0	2	40	
OREGON	49	4	33	0	0	0	0	0	0	0	0	1	8	7	58	0	0	0	0	0	0	0	0	0	0	0	1	100	
PENNSYLVANIA	6	125	41	26	8	3	1	6	2	0	0	6	2	142	46	5	50	1	10	0	0	0	0	0	0	0	4	40	
PUERTO RICO	51	2	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
RHODE ISLAND	43	3	18	6	35	0	0	0	0	0	0	0	0	8	47	0	0	0	0	0	0	0	0	0	0	0	0	0	
SOUTH CAROLINA	19	34	27	15	12	6	5	2	2	4	3	3	2	62	49	1	100	0	0	0	0	0	0	0	0	0	0	0	
SOUTH DAKOTA	40	10	29	2	6	2	6	5	14	1	3	1	3	14	40	0	0	0	0	0	0	0	0	0	0	0	0	0	
TENNESSEE	11	64	33	57	30	4	2	6	3	2	1	6	3	54	28	0	0	0	0	0	2	67	0	0	0	0	1	33	
TEXAS	9	87	37	31	13	13	5	7	3	3	1	3	1	93	39	19	100	0	0	0	0	0	0	0	0	0	0	0	
UTAH	33	13	21	19	31	2	3	4	7	1	2	2	3	20	33	0	0	5	100	0	0	0	0	0	0	0	0	0	
VERMONT	48	4	33	1	8	0	0	0	0	0	0	0	0	7	58	1	100	0	0	0	0	0	0	0	0	0	0	0	
VIRGINIA	17	24	17	11	8	8	6	1	1	6	4	5	4	85	61	5	45	0	0	0	0	0	0	0	3	27	3	27	
WASHINGTON	41	22	65	5	15	0	0	0	0	0	0	1	3	6	18	0	0	1	100	0	0	0	0	0	0	0	0	0	
WEST VIRGINIA	27	25	30	7	8	3	4	1	1	2	2	0	0	45	54	0	0	0	0	0	0	0	0	0	0	0	0	0	
WISCONSIN	14	59	39	3	2	6	4	3	2	6	4	4	3	70	46	4	100	0	0	0	0	0	0	0	0	0	0	0	
WYOMING	36	23	45	0	0	10	20	1	2	3	6	0	0	14	27	0	0	0	0	5	100	0	0	0	0	0	0	0	
UNITED STATES	0	1941	30	902	14	349	5	278	4	215	3	202	3	663	41	153	42	58	16	22	6	21	6	11	3	12	3	87	24



TORNADO SUMMARY BY STATE AND NATION, 2000

LOCATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
ALABAMA													
NUMBER	3	3	7	11	0	0	0	0	0	0	8	12	44
DAYS	1	1	2	3	0	0	0	0	0	0	4	1	12
DEATHS	0	0	0	1	0	0	0	0	0	0	0	12	13
INJURIES	1	0	0	7	0	0	0	0	0	0	2	169	179
ARKANSAS													
NUMBER	4	8	1	5	18	0	1	0	0	0	0	0	37
DAYS	1	3	1	1	6	0	1	0	0	0	0	0	13
DEATHS	0	0	0	0	0	0	0	0	0	0	0	0	0
INJURIES	0	11	0	0	1	0	0	0	0	0	0	0	12
CALIFORNIA													
NUMBER	0	5	0	0	0	0	1	2	0	0	1	0	9
DAYS	0	2	0	0	0	0	1	2	0	0	1	0	6
DEATHS	0	0	0	0	0	0	0	0	0	0	0	0	0
INJURIES	0	0	0	0	0	0	0	0	0	0	0	0	0
COLORADO													
NUMBER	0	0	0	2	28	8	19	0	3	0	0	0	60
DAYS	0	0	0	2	2	4	8	0	3	0	0	0	19
DEATHS	0	0	0	0	0	0	0	0	0	0	0	0	0
INJURIES	0	0	0	0	0	0	2	0	0	0	0	0	2
CONNECTICUT													
NUMBER	0	0	0	0	0	0	0	1	0	0	0	0	1
DAYS	0	0	0	0	0	0	0	1	0	0	0	0	1
DEATHS	0	0	0	0	0	0	0	0	0	0	0	0	0
INJURIES	0	0	0	0	0	0	0	0	0	0	0	0	0
FLORIDA													
NUMBER	1	3	8	6	2	10	13	7	19	4	1	3	77
DAYS	1	2	5	5	2	10	10	6	5	1	1	1	49
DEATHS	0	0	0	0	0	0	0	0	0	0	0	0	0
INJURIES	0	0	0	0	0	1	0	0	0	0	0	0	1
GEORGIA													
NUMBER	0	6	4	7	0	1	4	0	3	0	0	3	28
DAYS	0	2	2	2	0	1	2	0	1	0	0	2	12
DEATHS	0	19	0	0	0	0	0	0	0	0	0	0	19
INJURIES	0	202	0	7	0	0	1	0	0	0	0	8	218
IDAHO													
NUMBER	0	5	0	0	0	0	2	4	1	0	0	1	13
DAYS	0	1	0	0	0	0	2	1	1	0	0	1	6
DEATHS	0	0	0	0	0	0	0	0	0	0	0	0	0
INJURIES	0	1	0	0	0	0	0	0	0	0	0	0	1
ILLINOIS													
NUMBER	0	0	0	6	35	7	4	1	1	1	0	0	55
DAYS	0	0	0	1	5	3	2	1	1	1	0	0	14
DEATHS	0	0	0	0	0	0	0	0	0	0	0	0	0
INJURIES	0	0	0	0	5	3	0	0	0	0	0	0	8
INDIANA													
NUMBER	1	0	0	0	3	7	2	0	0	0	0	0	13
DAYS	1	0	0	0	2	4	1	0	0	0	0	0	8
DEATHS	0	0	0	0	0	0	0	0	0	0	0	0	0
INJURIES	0	0	0	0	0	3	0	0	0	0	0	0	3
IOWA													
NUMBER	0	0	0	0	24	11	7	0	1	2	0	0	45
DAYS	0	0	0	0	5	5	4	0	1	2	0	0	17
DEATHS	0	0	0	0	1	0	0	0	0	0	0	0	1
INJURIES	0	0	0	0	26	0	0	0	0	0	0	0	26
KANSAS													
NUMBER	0	0	8	6	8	15	3	0	0	19	0	0	59
DAYS	0	0	2	2	4	5	3	0	0	6	0	0	22
DEATHS	0	0	0	0	0	0	0	0	0	0	0	0	0
INJURIES	0	0	3	34	0	0	0	0	0	0	0	0	37
KENTUCKY													
NUMBER	2	0	0	3	9	0	1	1	0	0	7	0	23
DAYS	1	0	0	1	3	0	1	1	0	0	1	0	8
DEATHS	0	0	0	0	0	0	0	0	0	0	0	0	0
INJURIES	21	0	0	4	20	0	1	0	0	0	1	0	47
LOUISIANA													
NUMBER	0	0	3	24	1	2	3	6	0	0	4	0	43
DAYS	0	0	2	3	1	2	2	5	0	0	3	0	18
DEATHS	0	0	0	0	0	0	0	0	0	0	0	0	0
INJURIES	0	0	37	19	0	0	0	1	0	0	3	0	60

* CORRECTED FOR BOUNDARY-CROSSING TORNADOES
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TORNADO SUMMARY BY STATE AND NATION, 2000

LOCATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
MAINE													
NUMBER	0	0	0	0	0	0	1	1	0	0	0	0	2
DAYS	0	0	0	0	0	0	1	1	0	0	0	0	2
DEATHS	0	0	0	0	0	0	0	0	0	0	0	0	0
INJURIES	0	0	0	0	0	0	0	0	0	0	0	0	0
MARYLAND													
NUMBER	0	0	0	1	2	2	3	0	0	0	0	0	8
DAYS	0	0	0	1	1	1	3	0	0	0	0	0	6
DEATHS	0	0	0	0	0	0	0	0	0	0	0	0	0
INJURIES	0	0	0	0	1	0	0	0	0	0	0	0	1
MASSACHUSETTS													
NUMBER	0	0	0	0	0	1	0	0	0	0	0	0	1
DAYS	0	0	0	0	0	1	0	0	0	0	0	0	1
DEATHS	0	0	0	0	0	0	0	0	0	0	0	0	0
INJURIES	0	0	0	0	0	0	0	0	0	0	0	0	0
MICHIGAN													
NUMBER	0	0	0	0	3	1	0	0	0	0	0	0	4
DAYS	0	0	0	0	1	1	0	0	0	0	0	0	2
DEATHS	0	0	0	0	0	0	0	0	0	0	0	0	0
INJURIES	0	0	0	0	0	0	0	0	0	0	0	0	0
MINNESOTA													
NUMBER	0	0	0	2	5	0	18	6	0	0	1	0	32
DAYS	0	0	0	1	1	0	3	2	0	0	1	0	8
DEATHS	0	0	0	0	0	0	1	0	0	0	0	0	1
INJURIES	0	0	0	0	0	0	19	0	0	0	0	0	19
MISSISSIPPI													
NUMBER	4	5	1	4	0	0	7	1	2	0	2	1	27
DAYS	1	1	1	3	0	0	2	1	1	0	2	1	13
DEATHS	0	0	0	0	0	0	0	0	0	0	0	0	0
INJURIES	7	0	0	0	0	0	0	0	0	0	0	17	24
MISSOURI													
NUMBER	0	8	1	2	10	4	3	0	0	0	0	0	28
DAYS	0	2	1	2	5	2	1	0	0	0	0	0	13
DEATHS	0	0	0	0	0	0	0	0	0	0	0	0	0
INJURIES	0	0	0	0	0	0	0	0	0	0	0	0	0
MONTANA													
NUMBER	0	0	0	0	0	2	7	0	1	0	0	0	10
DAYS	0	0	0	0	0	1	5	0	1	0	0	0	7
DEATHS	0	0	0	0	0	0	0	0	0	0	0	0	0
INJURIES	0	0	0	0	0	0	0	0	0	0	0	0	0
NEBRASKA													
NUMBER	0	0	0	5	9	21	6	0	0	18	1	0	60
DAYS	0	0	0	1	4	7	5	0	0	2	1	0	20
DEATHS	0	0	0	0	0	0	0	0	0	0	0	0	0
INJURIES	0	0	0	0	2	0	0	0	0	0	0	0	2
NEVADA													
NUMBER	0	1	0	0	0	0	0	1	0	0	0	0	2
DAYS	0	1	0	0	0	0	0	1	0	0	0	0	2
DEATHS	0	0	0	0	0	0	0	0	0	0	0	0	0
INJURIES	0	0	0	0	0	0	0	0	0	0	0	0	0
NEW MEXICO													
NUMBER	0	0	0	0	0	2	1	0	0	2	0	0	5
DAYS	0	0	0	0	0	1	1	0	0	1	0	0	3
DEATHS	0	0	0	0	0	0	0	0	0	0	0	0	0
INJURIES	0	0	0	0	0	0	0	0	0	0	0	0	0
NEW YORK													
NUMBER	0	0	0	0	2	2	0	0	1	0	0	0	5
DAYS	0	0	0	0	1	1	0	0	1	0	0	0	3
DEATHS	0	0	0	0	0	0	0	0	0	0	0	0	0
INJURIES	0	0	0	0	0	2	0	0	0	0	0	0	2
NORTH CAROLINA													
NUMBER	0	2	3	5	6	2	1	0	1	0	0	3	23
DAYS	0	1	2	3	3	2	1	0	1	0	0	1	14
DEATHS	0	0	0	0	0	0	0	0	0	0	0	0	0
INJURIES	0	0	0	1	0	0	0	0	0	0	0	0	1
NORTH DAKOTA													
NUMBER	0	0	0	0	0	11	9	3	0	0	5	0	28
DAYS	0	0	0	0	0	3	3	2	0	0	1	0	9
DEATHS	0	0	0	0	0	0	0	0	0	0	0	0	0
INJURIES	0	0	0	0	0	1	0	0	0	0	2	0	3

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LOCATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
OHIO													
NUMBER	0	0	0	0	9	4	1	4	7	0	0	0	25
DAYS	0	0	0	0	2	4	1	2	2	0	0	0	11
DEATHS	0	0	0	0	0	0	0	0	1	0	0	0	1
INJURIES	0	0	0	0	0	0	0	4	103	0	0	0	107
OKLAHOMA													
NUMBER	0	2	15	6	11	3	0	0	0	7	0	0	44
DAYS	0	2	3	1	3	2	0	0	0	2	0	0	13
DEATHS	0	0	0	0	0	0	0	0	0	0	0	0	0
INJURIES	0	0	0	7	0	0	0	0	0	0	0	0	7
OREGON													
NUMBER	0	0	0	1	0	0	0	0	0	2	0	0	3
DAYS	0	0	0	1	0	0	0	0	0	1	0	0	2
DEATHS	0	0	0	0	0	0	0	0	0	0	0	0	0
INJURIES	0	0	0	1	0	0	0	0	0	0	0	0	1
PENNSYLVANIA													
NUMBER	0	0	0	0	1	3	1	0	0	0	0	0	5
DAYS	0	0	0	0	1	3	1	0	0	0	0	0	5
DEATHS	0	0	0	0	0	0	0	0	0	0	0	0	0
INJURIES	0	0	0	0	0	0	0	0	0	0	0	0	0
PUERTO RICO													
NUMBER	0	1	0	0	0	0	0	1	0	0	0	0	2
DAYS	0	1	0	0	0	0	0	1	0	0	0	0	2
DEATHS	0	0	0	0	0	0	0	0	0	0	0	0	0
INJURIES	0	0	0	0	0	0	0	0	0	0	0	0	0
RHODE ISLAND													
NUMBER	0	0	0	0	0	0	0	1	0	0	0	0	1
DAYS	0	0	0	0	0	0	0	1	0	0	0	0	1
DEATHS	0	0	0	0	0	0	0	0	0	0	0	0	0
INJURIES	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTH CAROLINA													
NUMBER	0	1	4	1	1	3	3	1	5	0	0	1	20
DAYS	0	1	2	1	1	2	2	1	4	0	0	1	15
DEATHS	0	0	0	0	0	0	0	0	1	0	0	0	1
INJURIES	0	0	0	0	0	0	0	0	6	0	0	0	6
SOUTH DAKOTA													
NUMBER	0	0	0	0	2	1	11	4	0	0	0	0	18
DAYS	0	0	0	0	2	1	4	3	0	0	0	0	10
DEATHS	0	0	0	0	0	0	0	0	0	0	0	0	0
INJURIES	0	0	0	0	0	0	0	0	0	0	0	0	0
TENNESSEE													
NUMBER	0	1	1	4	19	0	1	0	0	0	0	1	27
DAYS	0	1	1	1	6	0	1	0	0	0	0	1	11
DEATHS	0	0	0	1	0	0	0	0	0	0	0	0	1
INJURIES	0	1	0	0	4	0	0	0	0	0	0	0	5
TEXAS													
NUMBER	0	7	46	31	22	8	3	0	0	9	20	1	147
DAYS	0	2	8	4	7	5	3	0	0	5	5	1	40
DEATHS	0	0	2	0	2	0	0	0	0	0	0	0	4
INJURIES	0	0	87	3	0	0	0	0	0	0	3	0	93
UTAH													
NUMBER	0	0	0	1	0	0	0	0	2	0	0	0	3
DAYS	0	0	0	1	0	0	0	0	1	0	0	0	2
DEATHS	0	0	0	0	0	0	0	0	0	0	0	0	0
INJURIES	0	0	0	0	0	0	0	0	0	0	0	0	0
VIRGINIA													
NUMBER	0	0	0	2	3	0	4	2	0	0	0	0	11
DAYS	0	0	0	1	2	0	3	1	0	0	0	0	7
DEATHS	0	0	0	0	0	0	0	0	0	0	0	0	0
INJURIES	0	0	0	0	1	0	0	0	0	0	0	0	1
WASHINGTON													
NUMBER	1	0	0	0	2	0	0	0	0	0	0	0	3
DAYS	1	0	0	0	2	0	0	0	0	0	0	0	3
DEATHS	0	0	0	0	0	0	0	0	0	0	0	0	0
INJURIES	0	0	0	0	0	0	0	0	0	0	0	0	0
WEST VIRGINIA													
NUMBER	0	0	0	0	1	0	0	3	0	0	0	0	4
DAYS	0	0	0	0	1	0	0	1	0	0	0	0	2
DEATHS	0	0	0	0	0	0	0	0	0	0	0	0	0
INJURIES	0	0	0	0	0	0	0	0	0	0	0	0	0

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& TORNADO DAYS FOR COUNTRY AS A WHOLE



TORNADO SUMMARY BY STATE AND NATION, 2000

LOCATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
WISCONSIN													
NUMBER	0	0	1	0	1	5	8	3	0	0	0	0	18
DAYS	0	0	1	0	1	1	6	2	0	0	0	0	11
DEATHS	0	0	0	0	0	0	0	0	0	0	0	0	0
INJURIES	0	0	16	0	0	0	0	0	0	0	0	0	16
WYOMING													
NUMBER	0	0	0	1	4	0	0	0	0	0	0	0	5
DAYS	0	0	0	1	2	0	0	0	0	0	0	0	3
DEATHS	0	0	0	0	0	0	0	0	0	0	0	0	0
INJURIES	0	0	0	0	0	0	0	0	0	0	0	0	0
UNITED STATES													
NUMBER	16	58*	103	136	241	136	148	53*	47	64	50	26	1076*
DAYS	4	12	20	19	29	27	31	23	17	15	11	4	212
DEATHS	0	19	2	2	3	0	1	0	2	0	0	12	41
INJURIES	29	215	143	83	60	10	23	5	109	0	11	194	882

* CORRECTED FOR BOUNDARY-CROSSING TORNAOES
& TORNAO DAYS FOR COUNTRY AS A WHOLE



NATIONS SUMMARY OF TORNAOS, TORNAO DAYS AND DEATHS BY MONTH AND ANNUAL, 1953-2000



YEAR	JANUARY			FEBRUARY			MARCH			APRIL			MAY			JUNE			JULY			AUGUST			SEPTEMBER			OCTOBER			NOVEMBER			DECEMBER			ANNUAL		
	NUMBER	DAYS	DEATHS	NUMBER	DAYS	DEATHS	NUMBER	DAYS	DEATHS	NUMBER	DAYS	DEATHS	NUMBER	DAYS	DEATHS	NUMBER	DAYS	DEATHS	NUMBER	DAYS	DEATHS	NUMBER	DAYS	DEATHS	NUMBER	DAYS	DEATHS	NUMBER	DAYS	DEATHS	NUMBER	DAYS	DEATHS	NUMBER	DAYS	DEATHS	NUMBER	DAYS	DEATHS
1953	14	6	0	16	3	3	40	10	24	47	16	34	94	21	161	111	24	244	31	19	0	24	15	0	5	4	0	6	4	0	12	6	0	21	8	49	421	136	515
1954	2	1	0	17	9	2	63	13	10	112	22	3	101	22	9	107	26	5	45	23	0	49	21	1	21	10	3	14	8	2	2	2	0	17	3	1	550	160	36
1955	3	2	0	4	3	0	43	15	5	99	18	7	147	26	103	154	28	2	49	21	5	33	18	0	15	8	2	23	7	1	20	4	1	3	2	0	593	152	126
1956	2	2	0	47	12	8	31	7	1	85	15	67	79	24	4	65	21	0	91	26	1	43	20	2	16	10	0	29	8	0	7	6	0	9	4	0	504	155	83
1957	17	3	13	5	3	0	38	7	1	216	21	29	227	26	87	147	25	14	55	19	0	20	14	0	17	10	2	18	11	2	58	11	25	38	4	19	856	154	192
1958	12	7	0	20	5	13	15	10	0	76	19	4	68	21	0	127	27	42	121	30	1	46	20	1	24	14	1	9	6	4	45	6	0	1	1	0	564	166	66
1959	16	2	3	20	5	21	43	11	9	30	12	1	226	28	8	73	25	2	63	24	0	38	18	0	58	15	14	24	10	0	11	4	0	2	2	0	604	156	58
1960	9	4	0	28	10	0	28	10	0	70	20	7	201	26	34	124	27	3	43	22	0	47	23	1	22	13	0	18	10	1	25	6	0	1	1	0	616	172	46
1961	1	1	0	31	8	0	124	17	7	74	19	3	137	25	23	107	23	2	77	27	0	27	16	0	53	16	15	14	5	0	36	7	1	16	5	0	697	169	51
1962	12	3	1	25	7	0	37	9	17	41	8	1	200	22	3	171	29	0	78	26	0	51	21	6	24	11	0	11	10	0	5	4	0	2	2	0	657	152	28
1963	15	5	1	6	3	0	48	12	8	84	14	16	71	21	1	91	23	0	62	26	0	26	13	2	33	13	3	13	5	0	15	6	0	0	0	0	464	141	31
1964	14	3	10	2	2	0	36	11	6	157	23	15	135	20	16	136	24	0	63	23	0	79	23	2	25	10	0	22	4	22	17	8	0	18	5	2	704	156	73
1965	21	11	0	32	4	0	34	9	2	129	20	267	275	25	17	147	28	6	86	26	0	61	23	1	64	21	0	16	4	1	34	6	5	7	4	0	906	181	299
1966	1	1	0	28	5	0	12	6	58	80	20	12	98	17	0	126	28	19	100	27	3	58	21	0	22	13	0	29	6	6	20	3	0	11	3	0	585	150	98
1967	39	4	7	8	5	0	42	14	3	149	18	73	116	25	3	210	28	6	90	25	1	28	16	2	139	16	5	36	7	4	8	5	0	61	10	10	926	173	114
1968	5	3	0	7	3	0	28	8	0	102	15	40	145	26	72	136	27	11	56	22	2	66	23	2	25	14	0	14	9	0	44	12	3	32	9	1	660	171	131
1969	3	1	32	5	5	0	8	2	1	68	15	2	145	25	4	137	28	7	99	27	0	69	21	19	20	11	0	26	10	0	5	3	0	23	7	1	608	155	66
1970	9	5	0	16	3	0	25	12	2	117	16	29	88	19	26	134	24	6	81	26	3	55	21	0	54	20	0	50	13	6	10	4	0	14	8	0	653	171	72
1971	18	7	1	83	12	131	40	13	2	75	14	11	166	24	7	199	28	1	100	30	1	50	21	0	47	15	0	38	12	0	16	7	0	56	9	2	888	192	156
1972	33	10	5	7	4	0	69	17	0	96	20	16	140	27	0	114	25	2	115	29	0	59	23	2	49	19	0	34	10	0	17	4	2	8	6	0	741	194	27
1973	33	7	1	10	4	0	80	16	17	150	22	10	250	26	35	224	26	2	80	26	0	51	23	4	69	22	3	25	11	0	81	11	12	49	12	3	1102	206	87
1974	24	8	2	23	9	0	36	12	1	269	22	313	144	28	10	194	26	31	59	19	0	107	26	0	25	11	0	45	10	4	13	8	0	8	5	0	947	184	361
1975	52	7	12	45	12	7	84	16	12	108	20	13	188	30	5	196	28	6	79	26	2	60	25	2	34	17	0	12	7	0	40	8	0	22	8	1	920	204	60
1976	12	5	0	37	6	5	180	18	21	113	23	1	155	24	8	169	26	3	84	28	2	38	18	1	35	15	3	11	5	0	0	0	1	1	0	835	169	44	
1977	5	4	0	17	3	2	64	15	0	88	15	26	228	29	4	132	27	0	99	27	1	82	26	6	65	21	1	25	5	1	24	10	0	23	7	2	852	189	43
1978	23	7	2	6	3	0	17	8	0	107	17	4	213	27	7	148	28	17	143	30	11	65	24	1	20	10	6	7	5	0	9	5	0	30	9	5	788	173	53
1979	16	9	0	4	3	0	53	13	1	120	17	58	112	23	2	150	24	8	132	30	1	127	27	5	68	19	2	47	12	7	21	8	0	2	1	0	852	186	84
1980	5	4	0	11	9	0	41	15	2	137	16	4	203	25	8	217	30	7	95	26	5	73	27	0	37	14	1	43	7	1	3	2	0	1	1	0	866	176	28
1981	3	3	0	25	5	2	33	13	1	84	18	13	187	24	0	223	29	8	98	27	0	64	22	0	26	16	0	32	12	0	7	5	0	1	1	0	783	175	24
1982	18	8	1	3	2	0	60	15	6	150	20	30	327	28	14	198	30	4	95	29	0	34	15	0	38	12	2	9	4	0	19	6	0	95	13	7	1046	182	64
1983	13	2	2	41	7	1	71	21	0	65	15	6	249	26	14	178	27	2	99	27	4	76	21	0	20	15	0	12	5	0	49	11	0	58	13	5	931	190	34
1984	1	1	0	27	4	0	73	15	64	176	22	33	169	27	6	242	25	14	72	21	0	47	20	0	17	12	0	49	12	4	30	5	1	4	2	0	907	166	122
1985	2	2	0	7	4	0	38	12	2	134	19	5	182	28	78	82	24	3	51	19	0	108	26	3	40	16	0	18	8	0	19	8	3	3	2	0	684	168	94
1986	0	0	0	30	11	2	75	9	6	84	17	2	173	25	1	134	25	0	88	24	3	67	23	1	65	17	0	26	7	0	17	8	0	5	2	0	764	168	15
1987	6	3	0	19	4	6	38	11	1	20	8	1	126	25	31	132	29	2	163	28	0	63	24	1	19	10	0	1	1	0	55	5	11	14	3	6	656	151	59
1988	17	3	5	4	3	0	28	10	1	58	16	4	132	24	3	63	21	0	103	23	0	61	13	3	76	16	1	19	8	0	121	13	14	20	6	1	702	156	32
1989	15	6	0	18	3	0	44	14	1	82	13	0	234	28	9	253	27	5	59	19	0	36	20	0	31	12	0	30	7	4	58	10	31	3	1	0	856	160	50
1990	11	7	0	57	10	1	88	8	3	108	17	0	243	27	5	335	28	11	106	26	0	60	22	29	45	15	0	35	9	2	18	5	0	35	7	2	1133	181	53
1991	29	6	1	11	5	0	159	16	13	206	20	21	335	30	0	216	30	1	65	22	1	46	17	0	26	16	0	22	9	0	20	5	2	3	3	0	1132	179	39
1992	15	6	0	29	9	0	55	17	5	53	11	0	137	21	0	400	29	1	214	30	0	115	22	3	82	17	0	34	10	4	149	14	26	20	9	0	1298	195	39



NATIONS SUMMARY OF TORNADOS, TORNADO DAYS AND DEATHS BY MONTH AND ANNUAL, 1953-2000



YEAR	JANUARY			FEBRUARY			MARCH			APRIL			MAY			JUNE			JULY			AUGUST			SEPTEMBER			OCTOBER			NOVEMBER			DECEMBER			ANNUAL		
	NUMBER	DAYS	DEATHS	NUMBER	DAYS	DEATHS	NUMBER	DAYS	DEATHS	NUMBER	DAYS	DEATHS	NUMBER	DAYS	DEATHS	NUMBER	DAYS	DEATHS	NUMBER	DAYS	DEATHS	NUMBER	DAYS	DEATHS	NUMBER	DAYS	DEATHS	NUMBER	DAYS	DEATHS	NUMBER	DAYS	DEATHS	NUMBER	DAYS	DEATHS			
1993	17	8	0	34	7	3	49	11	5	85	15	10	179	26	2	316	27	1	242	31	0	112	26	6	65	17	2	55	9	4	19	6	0	6	3	0	1176	186	33
1994	13	5	0	9	7	0	61	12	40	206	23	12	161	27	0	236	29	3	155	27	3	120	24	4	30	17	0	51	15	0	42	10	7	4	3	0	1082	199	69
1995	36	9	3	7	4	6	49	11	0	130	17	1	394	28	16	219	25	0	163	28	0	53	22	0	19	11	0	74	11	1	79	5	2	19	7	1	1235	178	30
1996	35	10	1	14	5	1	71	10	6	178	16	12	236	29	1	128	27	0	204	28	1	72	24	0	101	20	0	68	10	0	55	8	3	15	7	1	1173	194	26
1997	50	10	2	23	6	1	102	13	28	114	16	1	225	27	29	194	29	0	189	30	4	84	26	1	32	12	1	101	12	0	25	8	0	12	7	0	1148	196	67
1998	47	12	0	73	18	42	74	12	16	190	19	55	314	29	10	389	29	3	82	22	0	62	20	0	104	19	2	86	13	2	27	6	0	6	3	0	1449	202	130
1999	214	12	16	22	7	0	56	12	1	178	19	15	316	29	53	289	27	4	99	28	0	81	22	1	54	16	0	19	7	0	8	3	0	15	4	2	1340	186	92
2000	16	4	0	58	12	19	103	20	2	136	19	2	241	29	3	136	27	0	148	31	1	53	23	0	47	17	2	64	15	0	50	11	0	26	4	12	1076	212	41
POR	974	249	121	1071	293	276	2686	588	411	5436	837	1289	36	37	289	8409	1277	508	4771	1230	56	2946	1019	112	2023	695	71	1464	405	83	1465	318	149	840	237	133	40930	8367	4141
MEAN	20	5	3	22	6	6	56	12	9	113	17	27	186	25	19	175	27	11	99	26	1	61	21	2	42	14	1	31	8	2	31	7	3	18	5	3	853	174	86



TORNADOES, TORNADO DAYS AND DEATHS BY STATE AND NATION 1953-2000



STATE	TORNADOES							DAYS		DEATHS		
	TOTAL	AVERAGE	GREATEST	YEAR	LEAST	YEAR	PER # 10,000 Sq.Mi.	TOTAL	AVERAGE	TOTAL	AVERAGE	PER # 10,000 Sq.Mi.
ALABAMA	1118	23	50	1998	5	1956	4.46	564	12	335	7	65
ALASKA	1	0	1	1959	0	1989+	.00	1	0	0	0	0
ARIZONA	188	4	17	1972	0	1965+	.36	147	3	3	0	0
ARKANSAS	1124	23	106	1999	2	1987+	4.33	488	10	223	5	42
CALIFORNIA	316	7	25	1998	0	1968+	.44	224	5	0	0	0
COLORADO	1530	32	98	1996+	1	1959	3.07	754	16	2	0	0
CONNECTICUT	67	1	8	1973	0	1988+	2.00	59	1	4	0	8
DELAWARE	55	1	6	1992	0	1987+	4.86	44	1	2	0	10
DISTRICT OF COLUMBIA	1	0	1	1995	0		0	.0	1	0	0	0
FLORIDA	2573	54	115	1997	10	1956	9.22	1584	33	131	3	22
GEORGIA	1028	21	52	1994	2	1987	3.57	550	11	148	3	25
HAWAII	27	1	4	1971	0	1987+	1.55	23	0	0	0	0
IDAHO	158	3	13	2000	0	1977+	.36	125	3	0	0	0
ILLINOIS	1567	33	107	1974	4	1953	5.85	647	13	182	4	32
INDIANA	1025	21	49	1990	4	1984	5.79	471	10	221	5	61
IOWA	1645	34	73	1998	7	1956	6.04	713	15	63	1	11
KANSAS	2449	51	116	1991	14	1976	6.20	1011	21	196	4	24
KENTUCKY	530	11	39	1997	0	1953	2.72	279	6	110	2	27
LOUISIANA	1286	27	79	1992	3	1955	5.56	704	15	113	2	23
MAINE	91	2	11	1971	0	1987+	.60	81	2	1	0	0
MARYLAND	233	5	24	1995	0	1988+	4.73	140	3	2	0	2
MASSACHUSETTS	140	3	12	1958	0	1988+	3.63	99	2	102	2	124
MICHIGAN	793	17	39	1974	2	1959	2.92	455	9	238	5	41
MINNESOTA	1096	23	61	1998	5	1988+	2.74	543	11	86	2	10
MISSISSIPPI	1223	25	62	1988	1	1979	5.24	581	12	371	8	78
MISSOURI	1341	28	79	1973	6	1987+	4.02	589	12	137	3	20
MONTANA	317	7	30	1991	0	1974+	.48	219	5	1	0	0
NEBRASKA	2053	43	102	1999	10	1966	5.57	880	18	51	1	7
NEVADA	64	1	8	1987+	0	1985+	.09	59	1	0	0	0
NEW HAMPSHIRE	77	2	9	1963	0	1987+	2.15	68	1	0	0	0
NEW JERSEY	125	3	17	1989	0	1984+	3.83	95	2	0	0	0
NEW MEXICO	458	10	31	1991	0	1953	.82	328	7	3	0	0
NEW YORK	304	6	25	1992	0	1953	1.21	207	4	21	0	4
NORTH CAROLINA	842	18	66	1998	2	1970	3.41	446	9	85	2	16
NORTH DAKOTA	993	21	58	1999	2	1961	2.97	506	11	22	0	3
OHIO	750	16	61	1992	0	1988	3.88	386	8	177	4	43
OKLAHOMA	2717	57	144	1999	17	1988	8.15	1022	21	255	5	36
OREGON	79	2	14	1997	0	1988+	.21	69	1	0	0	0
PENNSYLVANIA	580	12	60	1998	0	1959	2.65	335	7	81	2	18
PUERTO RICO	13	0	2	1979+	0	1989+	.00	12	0	0	0	0
RHODE ISLAND	9	0	3	1986	0	1988+	.00	8	0	0	0	0
SOUTH CAROLINA	617	13	54	1995	1	1986+	4.19	363	8	50	1	16
SOUTH DAKOTA	1351	28	85	1993	1	1958	3.63	597	12	15	0	2
TENNESSEE	669	14	44	1974	1	1987+	3.31	337	7	117	2	28
TEXAS	6573	137	232	1967+	32	1953	5.12	2405	50	499	10	19
UTAH	97	2	7	1998	0	1989+	.24	83	2	1	0	0
VERMONT	33	1	5	1962	0	1985+	1.04	30	1	0	0	0
VIRGINIA	375	8	28	1993	1	1982+	1.96	231	5	25	1	6
VIRGIN ISLANDS	2	0	1	1979+	0	1989+	.00	2	0	0	0	0
WASHINGTON	76	2	14	1997	0	1988+	.29	64	1	6	0	1
WEST VIRGINIA	109	2	16	1998	0	1988+	.83	84	2	2	0	1
WISCONSIN	947	20	43	1980	3	1953	3.63	483	10	83	2	15
WYOMING	518	11	42	1977	0	1970	1.12	346	7	2	0	0
PACIFIC ISLANDS	2	0	1	1981+	0	1989+	.00	2	0	0	0	0
UNITED STATES	42100*	877	1449	1998	421	1953	2.43	8563&	178	4166	87	12

+ ALSO IN EARLIER YEAR(S).

* CORRECTED FOR BOUNDARY-CROSSING TORNADOES.

& TORNADOES DAYS FOR COUNTRY AS A WHOLE.

MEAN ANNUAL TORNADOES PER
10,000 SQUARE MILES.

' NUMBER OF DEATHS PER
10,000 SQUARE MILES.



NATIONAL TORNADOES, TORNADO DAYS, DEATHS AND RESULTING LOSSES BY YEARS, 1916 - 2000



YEAR	NUMBER TORNADOES	TORNADO DAYS	TOTAL DEATHS	MOST DEATHS IN SINGLE TORNADO	TOTAL PROPERTY LOSSES \$	PROPERTY LOSS FREQUENCY *		
						CATEGORY 5	CATEGORY 6	CATEGORY 7 AND OVER
1916	90	36	150	30	6	7	1	0
1917	121	38	551	101	7	21	9	0
1918	81	45	136	36	7	20	5	0
1919	64	35	206	59	7	10	2	0
1920	87	50	499	87	7	14	10	0
1921	105	55	202	61	7	22	3	0
1922	108	64	135	16	7	27	5	0
1923	102	59	110	23	6	21	1	0
1924	130	57	376	85	7	26	11	1
1925	119	65	794	689	7	34	2	1
1926	111	57	144	23	6	28	0	0
1927	163	62	540	92	7	42	9	1
1928	203	79	95	14	7	40	7	0
1929	197	74	274	40	7	48	4	0
1930	192	72	179	41	7	38	6	0
1931	94	57	36	6	6	14	1	0
1932	151	67	394	37	7	23	1	1
1933	258	96	362	34	7	46	9	0
1934	147	77	47	6	6	10	3	0
1935	180	77	71	11	6	29	0	0
1936	151	71	552	216	7	17	5	1
1937	147	75	29	5	6	24	0	0
1938	213	76	183	32	7	29	6	0
1939	152	75	91	27	7	21	3	0
1940	124	62	65	18	7	13	2	0
1941	118	57	53	25	6	24	1	0
1942	167	66	384	65	7	42	10	0
1943	152	61	58	5	7	28	8	0
1944	169	68	275	100	7	50	9	0
1945	121	66	210	69	7	21	10	1
1946	106	65	78	15	7	29	7	0
1947	165	78	313	169	7	46	7	1
1948	183	68	139	33	7	62	11	2
1949	249	80	211	58	7	54	13	0
1950	200	88	70	18	7	47	9	0
1951	262	113	34	6	7	35	11	2
1952	240	98	229	57	7	53	19	0
1953	421	136	515	116	8	63	18	7
1954	550	160	36	6	7	63	8	1
1955	593	152	126	80	7	74	13	1
1956	504	155	83	25	7	83	24	1
1957	856	154	192	44	8	129	26	3
1958	564	166	66	19	7	70	8	1
1959	604	156	58	21	7	70	4	1
1960	616	172	46	16	7	65	11	1
1961	697	169	51	16	7	103	21	1
1962	657	152	28	17	7	51	10	0
1963	464	141	31	5	7	77	15	1
1964	704	156	73	22	7	113	17	5
1965	906	181	299	44	8	126	30	11
1966	585	150	98	58	8	79	13	4
1967	926	173	114	33	8	125	33	8
1968	660	171	131	34	8	82	26	6
1969	608	155	66	32	8	98	16	3
1970	653	171	72	26	8	97	24	6
1971	888	192	156	58	8	71	30	5
1972	741	194	27	6	8	100	28	1
1973	1102	206	87	7	9	219	67	9
1974	947	184	361	34	9	166	82	25
1975	920	204	60	9	9	189	31	11

NOTE:-THE ABOVE ESTIMATED LOSSES ARE BASED ON VALUES AT TIME OF OCCURRENCE.
MEAN WAS DERIVED FROM DATA FOR PERIOD 1953-1992.

\$ STORM DAMAGES IN CATEGORIES:

- | | |
|--------------------------------|----------------------------------|
| 5. \$50,000 TO \$500,000 | 8. \$50 MILLION TO \$500 MILLION |
| 6. \$500,000 TO \$5 MILLION | 9. \$500 MILLION AND OVER |
| 7. \$5 MILLION TO \$50 MILLION | |

* NUMBER OF TIMES PROPERTY LOSSES REPORTED IN STORM DATA IN CATEGORIESS 5, 6, 7 AND OVER.



NATIONAL TORNADOES, TORNADO DAYS, DEATHS AND RESULTING LOSSES BY YEARS, 1916 - 2000



YEAR	NUMBER TORNADOES	TORNADO DAYS	TOTAL DEATHS	MOST DEATHS IN SINGLE TORNADO	TOTAL PROPERTY LOSSES \$	PROPERTY LOSS FREQUENCY *		
						CATEGORY 5	CATEGORY 6	CATEGORY 7 AND OVER
1976	835	169	44	5	8	145	41	5
1977	852	189	43	22	8	173	40	6
1978	788	173	53	16	9	153	53	6
1979	852	186	84	42	9	169	62	11
1980	866	176	28	5	9	201	79	13
1981	783	175	24	5	9	144	43	12
1982	1046	182	64	10	9	254	79	13
1983	931	190	34	3	9	211	85	10
1984	907	166	122	16	9	193	90	35
1985	684	168	94	18	9	114	55	14
1986	764	168	15	3	9	157	66	9
1987	656	151	59	30	8	112	32	6
1988	702	156	32	5	9	148	48	17
1989	856	160	50	21	9	133	60	18
1990	1133	181	53	29	8	215	91	18
1991	1132	179	39	17	8	194	49	15
1992	1298	195	39	12	8	212	83	25
1993	1176	186	33	7	8	186	59	13
1994	1082	199	69	22	8	194	68	15
1995	1235	178	30	6	8	203	52	11
1996	1173	194	26	7	9	225	92	20
1997	1148	196	67	27	8	201	63	10
1998	1449	202	130	32	9	317	122	39
1999	1340	186	92	36	8	227	104	21
2000	1076	212	41	11	8	182	53	15
MEAN	853	174	86	-	-	145	46	10

NOTE:-THE ABOVE ESTIMATED LOSSES ARE BASED ON VALUES AT TIME OF OCCURRENCE.
MEAN WAS DERIVED FROM DATA FOR PERIOD 1953-1992.

\$ STORM DAMAGES IN CATEGORIES:

5. \$50,000 TO \$500,000

6. \$500,000 TO \$5 MILLION

7. \$5 MILLION TO \$50 MILLION

8. \$50 MILLION TO \$500 MILLION

9. \$500 MILLION AND OVER

* NUMBER OF TIMES PROPERTY LOSSES REPORTED IN STORM DATA IN CATEGORIESS 5, 6, 7 AND OVER.

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