

2000 Annual Summaries

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

FLOOD/FLASH FLOOD



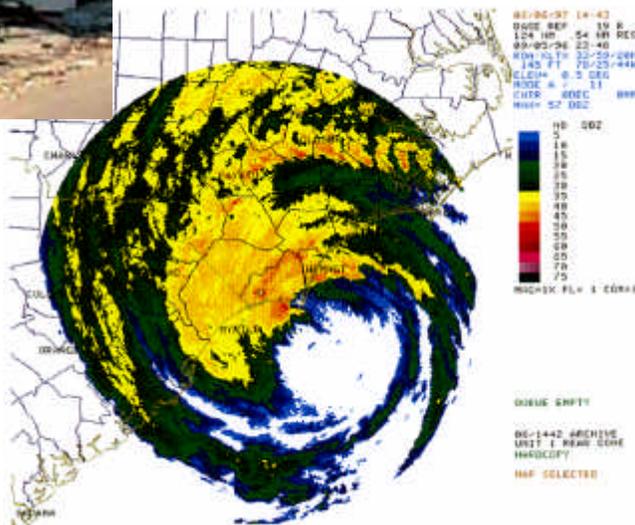
Lightning



Tornado



Hurricane



2000 Annual Summaries

Flood/Flash Flood

Lightning

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Hurricane

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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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.

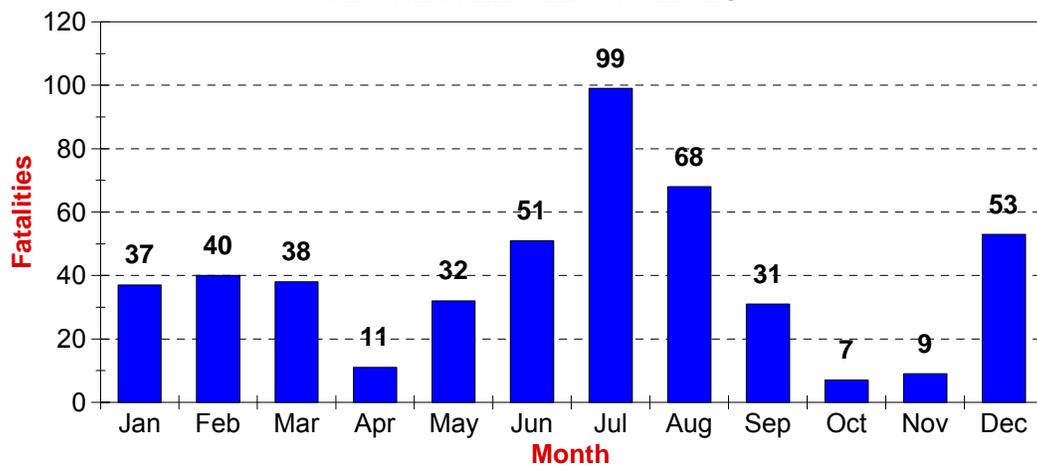
For the years 1998, 1999, and 2000, extreme heat ranked as the #1 weather killer in the United States, outranking floods. The 30-year average (1971-2000) for floods is 127; for lightning, 73; for tornadoes, 69; and for hurricanes, 16. The 10-year average for cold-related deaths is 28, and for heat, 206.

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	3	3	8	25	31	20	2	1	0	0	93
ALASKA	0	0	0	0	0	0	0	0	0	0	0	0	0
ARIZONA	0	0	0	0	6	1	24	18	14	2	0	1	66
ARKANSAS	0	0	8	0	13	35	30	23	6	0	0	1	116
CALIFORNIA	1	0	0	0	1	2	8	5	5	0	0	0	22
COLORADO	0	0	0	4	10	23	48	21	7	1	0	0	114
CONNECTICUT	0	0	0	0	1	5	5	3	1	0	0	0	15
DELAWARE	0	0	0	0	3	2	7	3	0	0	0	0	15
DISTRICT OF COLUMBIA	0	0	0	0	1	2	1	1	0	0	0	0	5
FLORIDA	0	1	6	6	30	97	104	99	49	4	1	1	398
GEORGIA	0	0	4	6	8	18	35	14	4	1	0	0	90
HAWAII	0	0	0	0	0	0	0	0	0	1	0	0	1
IDAHO	0	0	0	1	1	8	9	5	1	0	0	0	25
ILLINOIS	0	0	0	4	12	30	16	16	11	2	0	0	91
INDIANA	0	0	1	4	9	25	22	16	5	2	0	0	84
IOWA	0	0	1	3	12	22	7	15	5	4	0	0	69
KANSAS	0	0	0	4	10	10	15	13	4	2	3	0	61
KENTUCKY	1	0	0	3	10	23	19	18	13	0	0	0	87
LOUISIANA	2	1	2	7	11	25	46	18	11	0	4	2	129
MAINE	0	0	0	0	0	3	8	9	0	3	0	0	23
MARYLAND	0	0	0	0	5	10	12	11	2	1	0	81*	122
MASSACHUSETTS	0	0	0	1	3	5	6	9	1	0	0	0	25
MICHIGAN	0	0	0	1	7	25	32	24	8	0	0	0	97
MINNESOTA	0	0	0	3	3	14	12	16	10	1	0	0	59
MISSISSIPPI	1	0	4	2	12	15	30	24	6	0	0	0	94
MISSOURI	0	0	5	4	21	21	14	12	3	1	0	0	81
MONTANA	0	0	0	0	2	12	8	2	2	0	0	0	26
NEBRASKA	0	0	0	1	4	16	11	7	4	0	0	0	43
NEVADA	0	0	0	0	1	2	0	2	1	0	0	0	6
NEW HAMPSHIRE	0	0	0	0	0	5	3	0	0	0	0	0	8
NEW JERSEY	0	0	0	1	5	8	23	15	6	0	0	0	58
NEW MEXICO	0	0	0	1	9	12	23	34	8	0	0	0	87
NEW YORK	0	0	1	0	9	22	64	27	7	2	0	0	132
NORTH CAROLINA	0	1	6	3	24	39	58	38	7	0	0	0	176
NORTH DAKOTA	0	0	0	0	0	4	5	3	0	0	0	0	12
OHIO	0	0	1	4	12	30	48	21	12	2	2	0	132
OKLAHOMA	1	1	1	11	15	17	9	22	13	3	2	0	95
OREGON	0	0	0	0	3	0	0	1	3	1	0	0	8
PENNSYLVANIA	0	1	0	2	9	28	38	28	10	2	0	0	118
PUERTO RICO	0	0	0	0	0	3	9	9	6	3	0	0	30
RHODE ISLAND	0	0	0	0	0	1	1	0	2	0	0	0	4
SOUTH CAROLINA	0	0	1	1	8	14	35	19	9	0	0	0	87
SOUTH DAKOTA	0	0	0	0	4	2	6	2	3	3	0	0	20
TENNESSEE	0	1	1	8	17	33	28	22	14	2	3	0	129
TEXAS	0	2	2	19	34	23	49	32	18	8	1	0	188
UTAH	0	0	0	3	2	5	10	15	6	1	0	0	42
VERMONT	0	0	0	0	0	5	5	4	0	0	0	0	14
VIRGINIA	0	0	0	1	11	15	15	13	3	0	0	0	58
WASHINGTON	0	0	0	1	0	1	1	1	1	0	0	0	5
WEST VIRGINIA	0	0	0	0	4	4	10	6	1	0	0	0	25
WISCONSIN	0	0	1	1	2	12	14	18	2	1	1	1	53
WYOMING	0	0	0	0	2	4	9	7	2	0	0	0	24
TOTAL: UNITED STATES	6	8	48	113	374	763	1023	761	308	54	17	87	3562

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

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	7	2	18	7	16	34	91	57	11	9	0	0	252
ALASKA	0	0	0	0	0	0	1	1	0	0	0	0	2
ARIZONA	2	4	0	0	6	7	43	65	27	10	1	3	168
ARKANSAS	2	3	4	29	34	67	48	74	13	1	0	2	277
CALIFORNIA	1	0	7	14	1	6	19	13	19	1	1	1	83
COLORADO	0	0	0	8	49	109	112	102	25	5	0	0	410
CONNECTICUT	1	1	2	1	8	26	21	18	18	3	0	0	99
DELAWARE	0	0	0	0	8	12	5	1	3	0	0	0	29
DISTRICT OF COLUMBIA	0	0	0	0	10	20	1	1	0	0	1	0	33
FLORIDA	0	9	29	33	84	350	408	307	228	48	1	3	1500
GEORGIA	2	51	5	9	30	109	160	53	9	6	0	1	435
HAWAII	0	1	0	0	0	0	0	4	1	0	3	0	9
IDAHO	0	0	0	1	6	22	30	21	7	1	0	0	88
ILLINOIS	12	1	2	3	30	65	82	56	43	7	0	0	301
INDIANA	0	0	2	7	33	43	52	37	8	0	0	0	182
IOWA	0	0	2	9	25	51	41	22	19	3	1	0	173
KANSAS	0	0	5	11	20	31	50	32	35	5	2	0	191
KENTUCKY	0	0	1	4	25	67	65	38	11	1	0	0	212
LOUISIANA	5	1	7	27	27	28	111	53	15	8	3	3	288
MAINE	0	10	0	0	5	19	48	60	0	0	1	0	143
MARYLAND	1	0	1	2	38	44	45	29	8	3	0	0	171
MASSACHUSETTS	0	0	1	11	25	69	137	107	26	4	2	1	383
MICHIGAN	0	0	2	13	57	172	172	215	54	8	0	0	693
MINNESOTA	0	0	1	0	15	38	37	31	10	4	0	0	136
MISSISSIPPI	1	2	9	3	15	16	111	40	10	3	8	1	219
MISSOURI	0	1	3	16	21	18	14	21	10	2	4	0	110
MONTANA	0	0	0	1	6	15	11	11	3	1	0	0	48
NEBRASKA	0	0	0	4	17	11	15	24	7	0	0	0	78
NEVADA	0	0	0	0	4	2	8	6	1	0	0	0	21
NEW HAMPSHIRE	0	0	1	0	2	24	49	14	2	0	0	0	92
NEW JERSEY	1	0	0	1	14	22	82	37	19	0	0	0	176
NEW MEXICO	0	0	1	2	25	19	71	69	10	1	0	0	198
NEW YORK	0	0	1	2	31	114	183	172	27	5	1	0	536
NORTH CAROLINA	0	2	29	17	45	114	195	149	33	2	1	0	587
NORTH DAKOTA	0	0	0	0	2	6	12	8	5	0	0	0	33
OHIO	0	0	33	7	64	107	98	119	59	4	12	0	503
OKLAHOMA	1	1	3	21	37	43	68	50	32	22	9	3	290
OREGON	0	0	0	1	2	2	0	14	5	0	0	0	24
PENNSYLVANIA	1	6	0	0	31	166	187	157	52	3	0	0	603
PUERTO RICO	0	0	0	0	0	0	4	0	2	1	0	0	7
RHODE ISLAND	0	2	0	0	2	13	12	12	3	0	1	0	45
SOUTH CAROLINA	0	0	2	9	26	38	123	47	25	1	1	0	272
SOUTH DAKOTA	0	0	0	1	5	19	22	14	1	2	0	0	64
TENNESSEE	1	3	9	26	53	65	130	58	23	5	1	0	374
TEXAS	3	3	8	40	57	58	75	94	49	51	4	0	442
UTAH	0	0	0	1	13	19	22	30	10	4	0	0	99
VERMONT	0	0	0	0	0	5	13	4	0	0	0	0	22
VIRGINIA	0	0	7	5	16	40	119	53	11	0	0	0	251
WASHINGTON	0	0	0	1	5	13	12	17	1	1	1	1	52
WEST VIRGINIA	0	0	0	11	3	7	50	29	1	1	0	0	102
WISCONSIN	0	1	3	6	23	58	93	50	11	3	2	0	250
WYOMING	0	0	0	1	4	33	20	29	10	0	0	0	97
TOTAL: UNITED STATES	41	104	198	365	1075	2436	3578	2725	1012	239	61	19	11853

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	1	0	1	4	18	25	50	39	13	7	0	0	158
1960	0	0	1	5	7	33	25	17	9	0	0	0	97
1961	0	0	1	2	9	23	47	20	10	1	0	0	113
1962	0	0	3	6	27	20	26	28	9	1	0	0	120
1963	0	0	4	3	11	37	42	20	10	2	0	81*	210
1964	0	0	9	6	15	21	29	19	7	1	1	0	108
1965	0	0	2	4	12	34	39	28	4	2	0	0	125
1966	0	0	1	1	8	15	21	16	11	3	0	0	76
1967	1	0	1	2	3	26	21	14	1	2	1	1	73
1968	0	0	0	1	5	24	30	29	9	3	1	1	103
1969	0	0	1	5	13	17	27	13	14	3	0	0	93
1970	0	0	0	1	17	25	27	19	21	1	0	0	111
1971	0	0	2	1	12	27	33	19	19	0	0	0	113
1972	0	0	1	1	5	21	31	28	3	1	0	0	91
1973	0	1	2	3	10	24	31	18	13	2	1	0	105
1974	0	2	0	7	12	21	28	24	6	0	2	0	102
1975	0	1	3	3	11	19	28	18	6	2	0	0	91
1976	0	0	0	1	9	19	19	19	3	2	0	0	72
1977	0	0	0	4	9	19	16	35	14	1	0	0	98
1978	0	0	1	1	9	26	24	22	3	1	0	1	88
1979	0	0	0	3	11	4	20	16	4	3	2	0	63
1980	0	0	0	0	7	16	27	20	5	1	0	0	76
1981	0	0	0	4	5	13	19	19	5	0	2	0	67
1982	1	0	0	3	5	14	29	18	4	3	0	0	77
1983	0	0	1	2	4	8	28	23	8	1	2	0	77
1984	0	0	1	3	10	14	20	10	7	1	1	0	67
1985	0	0	0	5	12	12	26	8	8	1	1	0	73
1986	0	0	0	2	9	13	21	17	5	1	0	0	68
1987	0	0	0	2	14	18	28	15	7	2	0	0	86
1988	0	0	0	3	9	17	21	14	2	1	2	0	69
1989	0	0	1	1	9	14	19	18	4	1	0	0	67
1990	1	0	3	1	3	18	22	15	10	0	0	1	74
1991	0	0	0	2	8	15	23	19	6	0	0	0	73
1992	0	0	0	2	6	6	9	10	8	0	0	0	41
1993	1	0	0	0	6	9	11	12	4	0	0	0	43
1994	0	2	2	3	7	24	17	8	10	1	0	0	74
1995	0	0	0	6	7	11	30	19	12	0	0	0	85
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	6	8	48	113	374	763	1023	761	309	53	17	87	3562
MEAN	0	0	1	3	9	18	24	18	7	1	0	2	85

* 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	5	27	52	110	103	23	3	1	1	325
1960	0	0	2	11	12	70	28	50	16	9	4	0	202
1961	0	0	7	14	15	49	83	50	31	5	1	1	256
1962	0	0	3	5	39	38	90	49	12	6	0	0	242
1963	7	0	0	6	14	64	55	44	18	1	0	0	209
1964	0	0	10	15	14	38	99	53	8	1	1	0	239
1965	3	2	2	4	26	42	59	59	19	1	0	0	217
1966	0	2	1	2	37	39	42	44	15	1	0	0	183
1967	0	0	0	4	7	35	59	33	4	2	0	1	145
1968	0	0	4	2	16	52	117	155	14	9	1	0	370
1969	0	0	0	4	19	75	39	23	12	0	0	1	173
1970	0	0	1	5	40	40	82	43	43	4	1	0	259
1971	0	1	0	1	24	71	79	54	22	1	1	0	254
1972	0	0	8	6	12	24	72	54	24	2	1	0	203
1973	0	0	10	2	20	23	74	59	29	9	2	0	228
1974	1	9	1	3	12	27	56	51	12	1	0	0	173
1975	0	3	0	1	30	60	107	154	42	1	0	1	399
1976	0	1	0	7	16	39	73	68	13	1	0	1	219
1977	0	0	0	3	35	58	58	67	62	4	4	0	291
1978	0	0	5	3	19	100	73	54	42	5	0	0	301
1979	0	2	4	26	32	73	55	49	9	2	2	0	254
1980	0	1	2	11	11	49	50	134	16	1	0	0	275
1981	1	0	2	9	34	60	108	52	9	3	13	0	291
1982	1	0	2	6	38	20	54	32	11	4	4	2	174
1983	0	0	24	3	25	24	87	113	30	31	0	0	337
1984	0	0	7	5	13	43	80	53	44	7	1	0	253
1985	0	0	29	4	42	48	61	33	27	4	0	0	248
1986	0	2	4	2	15	68	112	43	22	3	0	0	271
1987	0	0	2	8	66	49	121	70	43	3	1	1	364
1988	0	0	1	14	22	53	133	63	19	5	1	0	311
1989	1	0	8	16	23	70	135	51	12	4	2	0	322
1990	12	0	4	6	10	43	88	62	25	1	0	1	252
1991	0	0	2	30	48	111	94	107	37	3	0	0	432
1992	0	0	4	10	41	38	80	46	31	42	0	0	292
1993	1	0	4	4	15	75	103	65	20	5	0	3	295
1994	1	7	6	32	39	151	156	106	55	19	4	1	577
1995	4	4	10	18	33	81	229	102	26	0	3	0	510
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	41	104	198	365	1075	2436	3578	2727	1010	239	61	19	11853
MEAN	1	2	5	9	26	58	85	65	24	6	1	0	282

LIGHTNING DEATHS BY STATE, RANK, AND LOCATION OF OCCURRENCE

STATE	1959-2000												2000																			
	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		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			
		NO.	%	NO.	%	NO.	%	NO.	%	NO.	%	NO.	%	NO.	%		NO.	%	NO.	%	NO.	%	NO.	%	NO.	%	NO.	%	NO.	%	NO.	%
ALABAMA	15	23	25	24	26	12	13	4	4	1	1	2	2	27	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ALASKA	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	0	0	
ARIZONA	24	31	47	8	12	5	8	1	2	4	6	3	5	14	21	1	50	0	0	0	0	0	0	0	0	0	0	0	0	1	50	
ARKANSAS	10	37	32	23	20	11	9	10	9	3	3	0	0	32	28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
CALIFORNIA	39	6	27	3	14	2	9	3	14	0	0	0	0	8	36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
COLORADO	11	56	49	21	18	5	4	5	4	7	6	0	0	20	18	1	50	0	0	0	0	0	0	0	0	0	0	0	1	50		
CONNECTICUT	41	3	20	2	13	0	0	0	0	3	20	0	0	7	47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	100	
DELAWARE	42	5	33	0	0	4	27	1	7	0	0	0	0	5	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
DIST OF COLUMBIA	48	2	40	2	40	0	0	0	0	1	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
FLORIDA	1	108	27	54	14	97	24	27	7	13	3	0	0	99	25	1	13	0	0	5	63	0	0	1	13	0	0	1	13	0	0	
GEORGIA	17	25	28	22	24	13	14	4	4	5	6	2	2	19	21	0	0	1	25	1	25	2	50	0	0	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	0	0	
IDAHO	34	12	48	3	12	2	8	5	20	1	4	0	0	2	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ILLINOIS	16	23	25	19	21	3	3	8	9	7	8	1	1	30	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
INDIANA	21	14	17	25	30	8	10	7	8	1	1	2	2	27	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
IOWA	23	9	13	9	13	3	4	7	10	2	3	0	0	39	57	0	0	0	0	0	0	0	0	0	0	0	0	0	1	100		
KANSAS	25	19	31	1	2	5	8	10	16	2	3	0	0	24	39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
KENTUCKY	18	26	30	12	14	4	5	4	5	2	2	1	1	38	44	1	25	0	0	0	0	0	0	0	0	0	0	0	3	75		
LOUISIANA	6	17	13	39	30	40	31	8	6	0	0	0	0	25	19	0	0	3	100	0	0	0	0	0	0	0	0	0	0	0	0	
MAINE	38	0	0	3	13	7	30	0	0	0	0	0	0	13	57	0	0	0	0	0	0	0	0	0	0	0	0	1	100	0	0	
MARYLAND	8	12	10	8	7	16	13	1	1	0	0	1	1	84	69	1	33	1	33	0	0	0	0	0	0	1	33	0	0	0	0	
MASSACHUSETTS	35	5	20	3	12	1	4	0	0	1	4	1	4	14	56	1	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
MICHIGAN	12	27	28	26	27	12	12	3	3	10	10	2	2	17	18	1	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
MINNESOTA	26	19	32	15	25	5	8	6	10	2	3	2	3	10	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
MISSISSIPPI	14	30	32	22	23	13	14	6	6	0	0	0	0	23	24	0	0	0	0	1	100	0	0	0	0	0	0	0	0	0	0	
MISSOURI	22	18	22	18	22	12	15	5	6	5	6	2	2	21	26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
MONTANA	33	8	31	3	12	3	12	6	23	0	0	0	0	6	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NEBRASKA	30	19	44	2	5	4	9	11	26	0	0	0	0	7	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NEVADA	47	0	0	0	0	1	17	0	0	1	17	0	0	4	67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NEW HAMPSHIRE	45	2	25	0	0	3	38	0	0	1	13	0	0	2	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NEW JERSEY	27	19	33	8	14	13	22	2	3	4	7	2	3	10	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NEW MEXICO	19	40	46	15	17	8	9	0	0	1	1	2	2	14	56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NEW YORK	4	22	17	31	23	17	13	5	4	7	5	1	1	49	37	1	0	0	0	0	0	0	0	0	0	0	0	0	1	100		
NORTH CAROLINA	3	42	24	25	14	23	13	6	3	8	5	1	1	71	40	1	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NORTH DAKOTA	44	2	17	0	0	0	0	4	33	0	0	0	0	6	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
OHIO	5	37	28	24	18	16	12	7	5	9	7	1	1	38	29	0	0	1	50	0	0	0	0	0	0	0	0	0	1	50		
OKLAHOMA	13	33	35	11	12	17	18	7	7	3	3	2	2	22	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
OREGON	46	4	50	1	13	0	0	0	0	0	0	0	0	3	38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PENNSYLVANIA	9	36	31	16	14	4	3	5	4	13	11	2	2	42	36	2	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PUERTO RICO	32	12	40	8	27	1	3	0	0	0	0	0	0	9	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
RHODE ISLAND	50	0	0	0	0	1	25	0	0	0	0	0	0	3	75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SOUTH CAROLINA	20	17	20	20	23	10	11	10	11	2	2	4	5	24	28	0	0	2	100	0	0	0	0	0	0	0	0	0	0	0	0	
SOUTH DAKOTA	40	6	30	1	5	2	10	8	40	1	5	0	0	2	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TENNESSEE	7	35	27	32	25	9	7	12	9	7	5	2	2	32	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TEXAS	2	75	40	28	15	30	16	12	6	5	3	0	0	38	20	3	60	1	20	0	0	0	0	0	0	0	0	1	20	0	0	
UTAH	31	19	45	11	26	2	5	2	5	1	2	1	2	6	14	2	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
VERMONT	43	2	14	1	7	4	29	0	0	0	0	0	0	7	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
VIRGINIA	28	14	24	17	29	6	10	3	5	2	3	0	0	16	28	1	50	1	50	0	0	0	0	0	0	0	0	0	0	0	0	
WASHINGTON	49	3	60	1	20	0	0	1	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WEST VIRGINIA	36	7	28	6	24	2	8	1	4	1	4	0	0	8	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WISCONSIN	29	13	25	4	8	9	17	5	9	6	11	0	0	16	30	1	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WYOMING	37	14	58	2	8	3	13	1	4	0	0	0	0	4	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
UNITED STATES	0	1008	28	629	18	468	13	234	7	142	4	37	1	1044	29	17	33	10	20	7	14	3	6	1	2	1	2	12	24	0	0	

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

LIGHTNING INJURIES BY STATE, RANK, AND LOCATION OF OCCURRENCE

STATE	1959-2000										2000																				
	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		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		
		NO.	%	NO.	%	NO.	%	NO.	%	NO.	%	NO.	%	NO.	%		NO.	%	NO.	%	NO.	%	NO.	%	NO.	%	NO.	%	NO.	%	
ALABAMA	17	70	28	56	22	5	2	6	2	1	0	13	5	101	40	3	27	5	45	0	0	1	9	0	0	1	9	1	9	0	0
ALASKA	52	1	50	0	0	0	0	0	0	0	0	0	0	1	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARIZONA	28	84	50	13	8	3	2	11	7	1	1	4	2	52	31	13	65	4	20	1	5	0	0	0	0	0	0	0	2	10	
ARKANSAS	15	75	27	39	14	15	5	11	4	4	1	14	5	119	43	0	0	1	50	0	0	0	0	0	0	0	1	50	0	0	
CALIFORNIA	38	24	29	13	16	8	10	3	4	0	0	2	2	33	40	8	67	3	25	0	0	0	0	0	0	0	0	1	8	0	
COLORADO	9	167	41	45	11	22	5	17	4	23	6	11	3	125	30	4	25	4	25	2	13	0	0	2	13	0	0	4	25		
CONNECTICUT	33	7	7	25	25	4	4	0	0	3	3	4	4	56	57	1	6	0	0	0	0	0	0	0	0	0	0	16	94		
DELAWARE	46	9	31	10	34	0	0	0	0	0	0	3	10	7	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
DIST OF COLUMBIA	44	22	67	6	18	0	0	1	3	1	3	0	0	3	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
FLORIDA	1	449	30	145	10	189	13	71	5	48	3	35	2	563	38	10	29	1	3	6	17	2	6	4	11	3	9	9	26		
GEORGIA	8	181	42	52	12	32	7	12	3	22	5	7	2	129	30	51	67	0	0	5	7	5	7	1	1	2	3	12	16		
HAWAII	50	3	33	0	0	0	0	0	0	0	0	2	22	4	44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
IDAHO	37	16	18	7	8	4	5	3	3	2	2	4	5	52	59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ILLINOIS	12	102	34	71	24	4	1	10	3	17	6	10	3	87	29	2	50	0	0	0	0	0	0	0	0	0	0	2	50		
INDIANA	24	30	16	33	18	16	9	11	6	9	5	7	4	76	42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
IOWA	26	30	17	21	12	5	3	1	1	3	2	3	2	110	64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
KANSAS	23	29	15	14	7	4	2	9	5	10	5	8	4	117	61	0	0	0	0	2	100	0	0	0	0	0	0	0	0	0	
KENTUCKY	21	56	26	24	11	9	4	4	2	14	7	9	4	96	45	1	100	0	0	0	0	0	0	0	0	0	0	0	0	0	
LOUISIANA	14	108	38	41	14	26	9	8	3	1	0	3	1	101	35	0	0	0	0	0	0	1	100	0	0	0	0	0	0	0	
MAINE	29	14	10	49	34	4	3	1	1	2	1	2	1	71	50	2	18	6	55	0	0	0	0	0	0	0	0	3	27		
MARYLAND	27	51	30	26	15	23	13	6	4	3	2	1	1	61	36	3	21	8	57	1	7	0	0	0	0	0	0	2	14		
MASSACHUSETTS	10	81	21	17	4	13	3	5	1	11	3	9	2	247	64	0	0	3	75	0	0	0	0	1	25	0	0	0	0		
MICHIGAN	2	236	34	104	15	27	4	28	4	35	5	19	3	244	35	2	12	1	6	0	0	9	53	0	0	0	0	5	29		
MINNESOTA	30	19	14	22	16	7	5	11	8	14	10	11	8	52	38	1	100	0	0	0	0	0	0	0	0	0	0	0	0		
MISSISSIPPI	20	77	35	38	17	32	15	2	1	4	2	15	7	51	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
MISSOURI	31	40	36	21	19	3	3	2	2	4	4	3	3	37	34	0	0	4	100	0	0	0	0	0	0	0	0	0	0	0	
MONTANA	42	15	31	6	13	8	17	2	4	4	8	0	0	13	27	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NEBRASKA	39	25	32	2	3	1	1	5	6	6	8	5	6	34	44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NEVADA	49	6	29	2	10	0	0	0	0	1	5	0	0	12	57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NEW HAMPSHIRE	36	21	23	3	3	0	0	1	1	4	4	3	3	60	65	2	33	0	0	0	0	0	0	0	0	0	0	4	67		
NEW JERSEY	25	65	37	27	15	8	5	1	1	7	4	5	3	63	36	1	25	0	0	0	0	0	0	0	0	0	25	2	50		
NEW MEXICO	22	103	52	26	13	3	2	5	3	11	6	2	1	48	24	0	0	0	0	0	0	0	0	0	0	0	0	0	1	100	
NEW YORK	5	74	14	118	22	29	5	28	5	10	2	14	3	263	49	1	4	9	39	0	0	0	0	2	9	1	4	10	43		
NORTH CAROLINA	4	167	28	44	7	28	5	46	8	28	5	11	2	263	45	6	60	1	10	0	0	1	10	0	0	0	0	2	20		
NORTH DAKOTA	45	7	21	3	9	2	6	7	21	0	0	1	3	13	39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
OHIO	6	104	21	92	18	18	4	5	1	42	8	12	2	230	46	4	67	1	17	0	0	0	0	1	17	0	0	0	0		
OKLAHOMA	13	96	33	15	5	10	3	11	4	6	2	17	6	135	47	3	60	0	0	0	0	0	0	0	0	0	0	2	40		
OREGON	47	10	42	0	0	0	0	1	4	0	0	1	4	12	50	0	0	0	0	0	0	0	0	0	0	0	0	0	1	100	
PENNSYLVANIA	3	201	33	41	7	6	1	10	2	14	2	9	1	320	53	5	50	1	10	0	0	0	0	0	0	0	0	4	40		
PUERTO RICO	51	1	14	1	14	0	0	0	0	0	0	0	0	5	71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
RHODE ISLAND	43	10	22	15	33	0	0	0	0	2	4	0	0	18	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SOUTH CAROLINA	16	67	25	22	8	11	4	8	3	5	2	7	3	152	56	1	100	0	0	0	0	0	0	0	0	0	0	0	0	0	
SOUTH DAKOTA	40	13	20	5	8	2	3	9	14	1	2	2	3	32	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TENNESSEE	11	134	36	85	23	4	1	13	3	8	2	16	4	114	30	0	0	0	0	0	0	2	67	0	0	0	0	1	33		
TEXAS	7	192	43	48	11	42	10	11	2	4	1	7	2	138	31	19	100	0	0	0	0	0	0	0	0	0	0	0	0	0	
UTAH	34	32	32	23	23	4	4	7	7	5	5	5	5	23	23	0	0	5	100	0	0	0	0	0	0	0	0	0	0	0	
VERMONT	48	6	27	1	5	0	0	0	0	0	0	0	0	15	68	1	100	0	0	0	0	0	0	0	0	0	0	0	0	0	
VIRGINIA	18	37	15	43	17	10	4	2	1	9	4	7	3	143	57	5	45	0	0	0	0	0	0	0	0	0	3	27	3	27	
WASHINGTON	41	24	46	7	13	0	0	1	2	0	0	3	6	17	33	0	0	1	100	0	0	0	0	0	0	0	0	0	0	0	
WEST VIRGINIA	32	27	26	12	12	3	3	2	2	2	2	1	1	55	54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WISCONSIN	19	85	34	8	3	8	3	7	3	10	4																				

TORNADO SUMMARY BY STATE AND NATION, 2000

	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.
& TORNADO DAYS FOR COUNTRY AS A WHOLE.

TORNADO SUMMARY BY STATE AND NATION, 2000

	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

* CORRECTED FOR BOUNDARY-CROSSING TORNADOES.
& TORNADO DAYS FOR COUNTRY AS A WHOLE.

TORNADO SUMMARY BY STATE AND NATION, 2000

	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

* CORRECTED FOR BOUNDARY-CROSSING TORNADOES.
& TORNADO DAYS FOR COUNTRY AS A WHOLE.

TORNADO SUMMARY BY STATE AND NATION, 2000

	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 TORNADOES.
& TORNADO DAYS FOR COUNTRY AS A WHOLE.

NATION SUMMARY OF TORNADOES, 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				
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	4	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	1	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	0	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	4	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	24	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	
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											

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	1092	22	57	1998	5	1956	4.26	546	11	328	6	64
ALASKA	1	0	1	1959	0	1989+	.00	1	0	0	0	0
ARIZONA	179	3	17	1972	0	1965+	.27	142	2	3	0	0
ARKANSAS	1131	23	140	1999	2	1987+	4.33	469	9	214	4	40
CALIFORNIA	294	6	25	1998	0	1968+	.38	211	4	0	0	0
COLORADO	1432	29	98	1996	1	1959	2.78	722	15	2	0	0
CONNECTICUT	65	1	8	1973	0	1988+	2.00	56	1	4	0	8
DELAWARE	55	1	6	1992	0	1987+	4.86	44	0	2	0	10
DISTRICT OF COLUMBIA	1	0	1	1995	0	2000+	.00	1	0	0	0	0
FLORIDA	2513	52	115	1997+	10	1956	8.88	1541	32	128	2	22
GEORGIA	1018	21	52	1994	2	1987	3.57	531	11	147	3	25
HAWAII	27	0	4	1971	0	1987+	.00	23	0	0	0	0
IDAHO	154	3	13	2000	0	1977+	.36	122	2	0	0	0
ILLINOIS	1524	31	107	1974	4	1953	5.50	614	12	181	3	32
INDIANA	1002	20	49	1990	4	1984	5.51	458	9	221	4	61
IOWA	1643	34	78	1998	7	1956	6.04	676	14	63	1	11
KANSAS	2386	49	116	1991	14	1976	5.96	965	20	196	4	24
KENTUCKY	506	10	39	1997	0	1953	2.48	264	5	110	2	27
LOUISIANA	1277	26	79	1992	3	1955	5.36	689	14	111	2	23
MAINE	90	1	11	1971	0	1987+	.30	80	1	1	0	0
MARYLAND	212	4	24	1995	0	1988+	3.78	126	2	2	0	2
MASSACHUSETTS	140	2	12	1958	0	1988+	2.42	99	2	102	2	124
MICHIGAN	786	16	39	1974	2	1959	2.75	443	9	238	4	41
MINNESOTA	1069	22	65	1998	5	1988+	2.62	521	10	86	1	10
MISSISSIPPI	1202	25	62	1988	1	1979	5.24	566	11	371	7	78
MISSOURI	1319	27	79	1973	6	1987+	3.88	570	11	137	2	20
MONTANA	309	6	30	1991	0	1974+	.41	209	4	1	0	0
NEBRASKA	1999	41	106	1999	10	1966	5.31	846	17	51	1	7
NEVADA	63	1	8	1987+	0	1985+	.09	57	1	0	0	0
NEW HAMPSHIRE	80	1	9	1963	0	1987+	1.07	68	1	0	0	0
NEW JERSEY	123	2	17	1989	0	1984+	2.55	93	1	0	0	0
NEW MEXICO	442	9	31	1991	0	1953	.74	317	6	3	0	0
NEW YORK	297	6	25	1992	0	1953	1.21	192	4	21	0	4
NORTH CAROLINA	789	16	66	1998	2	1970	3.04	413	8	85	1	16
NORTH DAKOTA	975	20	65	1999	2	1961	2.83	488	10	22	0	3
OHIO	744	15	61	1992	0	1988	3.64	374	7	177	3	43
OKLAHOMA	2706	56	171	1999	17	1988	8.01	992	20	255	5	36
OREGON	75	1	14	1997	0	1988+	.10	65	1	0	0	0
PENNSYLVANIA	557	11	62	1998	0	1959	2.43	311	6	81	1	18
PUERTO RICO	12	0	2	1979+	0	1989+	.00	11	0	0	0	0
RHODE ISLAND	9	0	3	1986	0	1988+	.00	8	0	0	0	0
SOUTH CAROLINA	596	12	54	1995	1	1986+	3.86	340	7	50	1	16
SOUTH DAKOTA	1310	27	85	1993	1	1958	3.50	585	12	15	0	2
TENNESSEE	656	13	44	1974	1	1987+	3.08	318	6	117	2	28
TEXAS	6452	134	232	1967+	32	1953	5.01	2355	49	499	10	19
UTAH	94	1	7	1998	0	1989+	.12	81	1	1	0	0
VERMONT	33	0	5	1962	0	1985+	.00	30	0	0	0	0
VIRGINIA	355	7	28	1993	1	1982+	1.72	217	4	25	0	6
VIRGIN ISLANDS	2	0	1	1979+	0	1989+	.00	2	0	0	0	0
WASHINGTON	75	1	14	1997	0	1988+	.15	63	1	6	0	1
WEST VIRGINIA	107	2	17	1998	0	1988+	.83	77	1	2	0	1
WISCONSIN	927	19	43	1980	3	1953	3.44	469	9	82	1	15
WYOMING	513	10	42	1977	0	1970	1.02	339	7	2	0	0
PACIFIC ISLANDS	2	0	1	1981+	0	1989+	.00	2	0	0	0	0
UNITED STATES	41183*	857	1525	1998	421	1953	2.37	8369&	174	4142	86	11

+ ALSO IN EARLIER YEAR(S).

* CORRECTED FOR BOUNDARY-CROSSING TORNADOES.

& TORNADO 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
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

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 CATEGORIES 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
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	1170	196	25	5	8	224	86	22
1997	1148	196	67	27	8	202	63	10
1998	1525	202	130	32	9	327	134	46
1999	1520	186	94	12	9	260	115	24
2000	1076	212	41	11	8	182	53	15
MEAN	858	174	86	-	-	146	47	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 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 STORMDATA IN CATEGORIES 5, 6, 7 AND OVER.

These and other publications are available from the National Climatic Data Center

Hourly Precipitation Data

This publication contains hourly precipitation amounts obtained from recording rain gages located at National Weather Service, Federal Aviation Administration, and cooperative observer stations. Published data are displayed in inches and tenths or inches and hundredths at local standard time. **HPD** includes maximum precipitation for nine (9) time periods from 15 minutes to 24 hours, for selected stations.

Climatological Data

Monthly editions contain station daily maximum and minimum temperatures and precipitation. Some stations provide daily snowfall, snow depth, evaporation, and soil temperature data. Each edition also contains monthly summaries for heating and cooling degree days (65 degree F base). The July issue contains a recap of monthly heating degree days and snow data for the preceding July through June.

The Annual issue contains monthly and annual averages of temperature, precipitation, temperature extremes, freeze data, soil temperatures, evaporation, and a recap of monthly cooling degree days.

Storm Data

Monthly issues contain a chronological listing, by states, of occurrences of storms and unusual weather phenomena. Reports contain information on storm paths, deaths, injuries, and property damage. An "Outstanding storms of the month" section highlights severe weather events with photographs, illustrations, and narratives. The December issue includes annual tornado, lightning, flash flood, and tropical cyclone summaries.

Monthly Climatic Data for the World

This publication contains monthly means for temperature, pressure, precipitation, vapor pressure, and sunshine for approximately 2,000 surface data collection stations worldwide and monthly mean upper air temperatures, dew point depressions, and wind velocities for approximately 500 observing sites.

Local Climatological Data

LCD publications summarize temperature, relative humidity, precipitation, cloudiness, wind speed and direction observations for several hundred cities in the U.S. and its territories. Each monthly publication also contains the 3 hourly weather observations for that month and an hourly summary of precipitation. Annual **LCD** publications contain a summary of the past calendar year as well as historical averages and extremes.

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