

1980-2005 Billion Dollar U.S. Weather Disasters

(Damage Amounts in Billions of Dollars and Costs Normalized to 2002 Dollars Using GNP Inflation / Wealth Index)



| | | | | | |
|------|---|---|---|---|---|
| 1980 | Drought / Heat Wave e \$48.4 ~10,000 Deaths | | | | |
| 1983 | Hurricane Alicia \$5.9 21 Deaths | Florida Freeze ~ \$4.0 No Deaths | Gulf Storms / Flooding ~ \$2.2 ~ 50 Deaths | W Storms / Flooding ~ \$2.2 ~ 45 Deaths | |
| 1985 | Florida Freeze ~ \$2.2 No Deaths | Hurricane Elena \$2.4 4 Deaths | Hurricane Juan \$2.8 63 Deaths | | |
| 1986 | Drought / Heat Wave \$2.3 ~100 Deaths | | | | |
| 1988 | Drought / Heat Wave e \$61.6 ~7,500 Deaths | | | | |
| 1989 | Hurricane Hugo > \$13.9 86 Deaths | N Plains Drought > \$1.5 No Deaths | | | |
| 1990 | S Plains Flooding > \$1.4 13 Deaths | | | | |
| 1991 | Hurricane Bob \$2.1 18 Deaths | Oakland CA Firestorm ~ \$3.5 25 Deaths | | | |
| 1992 | Hurricane Andrew ~ \$35.6 61 Deaths | Hurricane Iniki ~ \$2.4 7 Deaths | Nor'easter \$2.0 19 Deaths | | |
| 1993 | E Storm / Blizzard \$7.0 ~ 270 Deaths | SE Drought / Heat Wave ~ \$1.3 > 16 Deaths | Midwest Flooding ~ \$26.7 48 Deaths | CA Wildfires ~ \$1.3 4 Deaths | |
| 1994 | SE Ice Storm ~ \$3.7 9 Deaths | Tropical Storm Alberto ~ \$1.2 32 Deaths | Texas Flooding ~ \$1.2 19 Deaths | W Fire Season ~ \$1.2 No Deaths | |
| 1995 | CA Flooding > \$3.6 27 Deaths | SE / SW Severe Wx \$6.8 32 Deaths | Hurricane Marilyn e \$2.5 13 Deaths | Hurricane Opal > \$3.6 27 Deaths | |
| 1996 | Blizzard / Flooding ~ \$3.5 187 Deaths | Pacific NW Flooding ~ \$1.2 9 Deaths | S Plains Drought ~ \$6.0 No Deaths | Hurricane Fran > \$5.8 37 Deaths | |
| 1997 | Midwest Flood / Tornadoes e \$1.1 67 Deaths | N Plains Flooding ~ \$4.1 11 Deaths | W Coast Flooding ~ \$3.4 36 Deaths | | |
| 1998 | New England Ice Storm > \$1.5 16 Deaths | SE Severe Wx > \$1.1 132 Deaths | MN Severe Storms / Hail > \$1.7 1 Death | S Drought / Heat Wave \$8.3 > 200 Deaths | Hurricane Bonnie ~ \$1.1 3 Deaths |
| | Hurricane Georges e \$6.5 16 Deaths | Texas Flooding ~ \$1.1 31 Deaths | | | |
| 1999 | AR - TN Tornadoes ~ \$1.4 17 Deaths | OK - KS Tornadoes > \$1.7 55 Deaths | E Drought / Heat Wave > \$1.1 e 502 Deaths | Hurricane Floyd e > \$6.5 77 Deaths | |
| 2000 | Drought / Heat Wave e > \$4.2 ~ 140 Deaths | Western Fires > \$2.1 No Deaths | | | |
| 2001 | Tropical Storm Allison e ~ \$5.1 > 43 Deaths | Midwest / OH Valley Hail / Tornadoes > \$1.9 > 3 Deaths | | | |
| 2002 | 30-State Drought e > \$10.0 No Deaths | Western Fires > \$2.0 ~21 Deaths | | | |
| 2003 | Severe Wx / Hail > \$1.6 3 Deaths | Severe Wx / Tornadoes > \$3.4 51 Deaths | Hurricane Isabel ~ \$5.0 55 Deaths | S California Wildfires > \$2.5 22 Deaths | |
| 2004 | Hurricane Charley e ~ \$15.0 35 Deaths | Hurricane Frances e ~ \$9.0 48 Deaths | Hurricane Ivan e > \$14.0 57 Deaths | Hurricane Jeanne e > \$7.0 28 Deaths | |
| 2005 | Hurricane Dennis e > \$2.0 > 15 Deaths | Hurricane Katrina e ~ \$125.0 > 1833 Deaths | Hurricane Rita e ~ \$16.0 119 Deaths | Midwest Drought e > \$1.0 No Deaths | Hurricane Wilma e ~ \$16.0 35 Deaths |

Source:

NOAA's National Climatic Data Center
Asheville, NC 28801-5001
www.ncdc.noaa.gov/oa/reports/billionz.html



e = estimated > = greater than/at least ~ = approximately/about

< 5 5-20 20-30 30-40 > 40

Amounts in Billions of Dollars