

Billion Dollar U.S. Weather Disasters 1980-2004

(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 Rpd	
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	W Coast Flooding ~\$3.4 36 Deaths
1997	Midwest Flood / Tornadoes e \$1.1 67 Deaths	N Plains Flooding ~\$4.1 11 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 e \$1.4 17 Deaths	OK - KS Tornadoes >\$1.7 55 Deaths	E Drought / Heat Wave >\$1.1 502 Deaths	Hurricane Floyd e >\$6.5 77 Deaths	
2000	Drought / Heat Wave >\$4.2 ~140 Deaths				
2001	Tropical Storm Allison e ~\$5.1 43 Deaths	Western Fires >\$2.1 No Deaths	Midwest / OH Valley Hail / Tornadoes >\$1.9 ~3 Deaths		
2002	30-State Drought >\$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 >\$14.0 34 Deaths	Hurricane Frances e >\$9.0 38 Deaths	Hurricane Ivan e >\$12.0 52 Deaths	Hurricane Jeanne e >\$6.5 28 Deaths	

legend

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

Source:

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

< 5	5-20	20-30	30-40	> 40
Amounts in Billions of Dollars				