

Date	Event	Area affected (N = North, E = East, S = South, (W = West, C = Centre)	Deaths	Losses
Region America				
☉ Oct. 1780	Hurricane	Great Hurricane of the West Indies, Barbados, Guadeloupe, Martinique	24,000	
⬠ 13.8.1868	Earthquake	Chile, Arica, Peru, Arequipa	5 000	
☉ 5.-18.10.1954	Hurricane Hazel	Haiti, USA, Canada	580	1,300
☉ 31.8.1979	Hurricane David	Dominican Republic, Dominica, Puerto Rico, USA, FL	1,278	1,300
☉ 31.7.-11.8.1980	Hurricane Allen	Caribbean, USA, TX	247	1 050
☉ Jan-April 1983	Flood	Peru, Puerto Mancora, Ecuador	500	700
☉ 10.-18.9.1988	Hurricane Gilbert	Caribbean, USA, Mexico	318	3 000
☉ 16.-25.10.1988	Hurricane Joan, Miriam	Nicaragua, Venezuela, Caribbean	240	1 000
☉ 17.-18., 21.-22.9.1989	Hurricane Hugo	Caribbean, USA	49	9 000
☉ 4.-7.9.1995	Hurricane Luis	Caribbean, USA	17	2 500
☉ 14.-16.9.1995	Hurricane Marilyn	Caribbean, USA	8	1 775
☉ 27.9.-6.10.1995	Hurricane Opal	Mexico, USA	28	3,000
☉ Dec. 1997- March 1998	Floods	Peru, Ecuador	320	650
> 5.-10.1.1998	Ice storm	Canada, USA	23	2 500
Argentina				
⬠ 21.3.1861	Earthquake	Mendoza	18 000	
⬠ 15.1.1944	Earthquake	San Juan	5 600	100
⬠ 23.11.1977	Earthquake	San Juan	65	80
☉ April-May 1998	Floods	N, NE, S	19	2 500
Barbados**				
☉ 1831	Hurricane		1,500	7
Belize				
☉ 30.-31.10.1961	Hurricane Hattie		262	60
Brazil				
☉ 1966	Landslide	Rio de Janeiro	279	
☉ Jan-March 1967	Flood	Rio de Janeiro, Sao Paulo	600	8
☉ March 1974	Flood	Tubarao	205	121
☉ July 1975	Flood	Pernambuco	96	255
☉ July 1975	Cold wave	Paraná	70	600
☉ 12.-24.2.1988	Flood, landslide	Rio de Janeiro, Acre	300	1,000
☉ March 1998	Forest fires, smog	Roraima	1	35
Canada**				
⬠ 5.2.1663	Earthquake	Saguenay		
⬠ 1732	Earthquake	Montreal		
⬠ 1872	Earthquake	British Columbia		
☉ Nov. 1950	Tornado	Regina		
☉ 1979-1980	Drought	Prairies		3,000
☉ 28.7.1981	Hailstorm	Calgary		100
☉ 31.7.1987	Tornado	Edmonton	26	300
☉ 1.1.-31.8.1989	Forest fires	Entire country, esp. Labrador		4,200
☉ 7.9.1991	Hailstorm	Calgary		500
☉ Dec.1992-April 1993	Winter damage	Ontario, esp. Toronto		2,000
☉ 16.7.1996	Hailstorms	Winnipeg, Calgary		250
☉ 18.-26.7.1996	Floods	Saguenay River, Quebec	10	1,000
☉ 24.4.-7.5.1997	Floods	Manitoba	4	300
Chile**				
⬠ 13.5.1647	Earthquake	Santiago, Valparaíso	2,000	
⬠ 1730	Earthquake	Santiago, Valparaíso		
⬠ 1835	Earthquake	Concepción	35	
⬠ 17.8.1906	Earthquake	Valparaíso	3,800	260
⬠ 1.12.1928	Earthquake	Talca	220	
⬠ 25.1.1939	Earthquake	Concepción	28,000	100
⬠ 21.-22.5.1960	Earthquakes	Puerto Montt, Valdivia	3,000	880
⬠ 28.3.1965	Earthquake	Santiago	400	80
⬠ 9.7.1971	Earthquake	Salamanca, Coquimbo	85	137
⬠ 3.3.1985	Earthquake	Valparaíso, Santiago	200	1,200
☉ 3.-25.6.1997	Floods, severe storms	C, N, S	22	100
⬠ 14.10.1997	Earthquake	Illapel, Ovalle	9	150

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Colombia				
15.7.1785	Earthquake	Bogotá		
16 11 1827	Earthquake	Bogotá		
16 5 1875	Earthquake	Cúcuta	10,000	
31 1 1906	Earthquake	Tumaco	400	
31.8.1917	Earthquake	Bogotá		
26 5 -11 6 1949	Eruption of Puracé	S of Popayán	1 000	
12 12 1979	Earthquake	Tumaco	640	250
31 3 1983	Earthquake	Popayán	250	380
13 -14.11.1985	Eruption of Nevado del Ruiz		24,740	230
27 9 1987	Landslide	Medellin, Villatinta	254	
Costa Rica				
7.5.1822	Earthquake	Cartago, San José		
27.8.1841	Earthquake	Cartago	6,000	
13.4.1910	Earthquake	Cartago	1,750	
31.7 1968	Eruption of Arenal	NW	300	
22 4 1991	Earthquake	Limón	53	100
Cuba				
21.6.1791	Hurricane	Habana	3,000	
Sep. 1882	Hurricane		1,000	
Nov. 1932	Hurricane		2,500	
13.3.1993	Severe storm	C W	5	1,000
Dominica**				
Dominican Republic**				
3 9 1930	Hurricane San Zenon	Santo Domingo	4,500	25
Ecuador**				
19 2 1645	Earthquake	Quito, Riobamba		
May-Dec 1744	Eruption of Cotopaxi			
4.2.1797	Earthquake	Quito, Riobamba	40,000	
16.8.1868	Earthquake	Guayaquil, Ibarra	40,000	25
Jan -Sep 1877	Eruption of Cotopaxi		1,000	
5.8 1949	Earthquake	Ambato	5,050	20
9.4.1976	Earthquake	Esmeraldas	10	20
5 3 1987	Earthquakes	Napo province Pichincha	1,000	1,100
28 3.-3 4 1993	Flood, landslides	Río Paute, Guayas, Los Ríos	300	500
El Salvador				
14.4.1854	Earthquake	San Salvador	1,000	
4 3 1873	Earthquake	San Vicente	800	
7.6 1917	Earthquake	San Salvador, Quezaltepeque		
6 -7 5.1951	Earthquakes	Jucuapa	1,100	23
3 5 1965	Earthquake	San Salvador	127	
10.10.1986	Earthquake	San Salvador	1,000	1,500
Guadeloupe**				
15 9 1928	Hurricane		2,000	
Guatemala				
1526-1541	Eruption of Fuego		1,300	
10 6 1773	Earthquake	Antigua	100	
19.4 1902	Earthquake	Quezaltenango, San Marcos	2,000	25
24.10.-	Eruption of Santa María		6,000	
30 11.1902				
3.1.1918	Earthquake	Guatemala City	2,650	
Oct. 1949	Flood	E	40,000	15
4 2 1976	Earthquake	Chimaltenango, Guatemala City	22,084	1,100
Haiti**				
7 5.1842	Earthquake	Cap Haitien	500	
21.10 1935	Hurricane	Cap Haitien	2,150	
2.10 1963	Hurricane Flora	Cap Haitien	5,000	180
14.-15 11 1963	Flood	Cap Haitien	500	
29 9 1966	Hurricane Inez	Cap Haitien	750	20
11.-13.11.1994	Flood tropical storm Gordon	Port-au-Prince, Jacmel	1,122	

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Honduras**				
☉ 18.9.1974	Hurricane Fifi	North coast	9,000	500
☉ 31.10.–1.11.1993	Flash flood	Tocoa, Bonita	400	58
Jamaica				
☉ 7.6.1692	Earthquake	Port Royal	2,000	
☉ 14.1.1907	Earthquake	Kingston	1,000	30
☉ 17.8.1951	Hurricane Charlie		150	56
Martinique**				
☉ 1767	Hurricane San Cayetano	Fort de France	1,600	
☉ 11.1.1839	Earthquake	Fort de France	187	
△ 24.4.–5.10.1902	Eruption of Pelée	N	29,000	
☉ 21.8.1970	Hurricane Dorothy	Fort de France	45	31
Mexico**				
☉ 7.4.1845	Earthquake	Guerrero, Mexico City		
☉ 19.7.1858	Earthquake	Michoacan, Mexico City		
☉ 7.6.1911	Earthquake	Guerrero, Mexico City	45	
△ 20.2.–25.2.1943	Eruption of Parícutín	Michoacan	1,000	
☉ 28.7.1957	Earthquake	Acapulco, Mexico City	160	25
☉ 27.10.1959	Hurricane Beulah	Colima, Jalisco	900	20
☉ 28.8.1973	Earthquake	Orizaba	539	
☉ 1.10.1976	Hurricane Liza	La Paz	2,500	100
△ 29.3.1982	Eruption of El Chichón	S	1,877	12
☉ 19.9.1985	Earthquake	Mexico City, Michoacan	10,000	4,000
☉ April–June 1960	Drought, heat wave	N	380	
☉ 22.6.1993	Tropical storm Beatriz	Guerrero, Oaxaca, Acapulco	3	1,670
☉ 15.–17.9.1995	Hurricane Ismael	Acapulco	95	800
☉ 10.–12.10.1995	Hurricane Roxanne	Campeche, Tabasco, Yucatan	14	1,500
☉ 7.–10.10.1997	Hurricane Pauline	Acapulco	230	100
Montserrat				
△ July 1995–Dec. 1997	Eruptions of Soufrière Hills	S	19	120
Nicaragua**				
△ 1609	Eruption of Momotombo			
☉ 31.3.1931	Earthquake	Managua	2,450	15
☉ 23.12.1972	Earthquake	Managua	5,000	800
Peru**				
△ 19.2.–6.3.1660	Eruption of Huaynaputina		1,000	
☉ 20.10.1687	Earthquake	Lima	5,000	
☉ 28.10.1746	Earthquake, tsunami	Lima	18,000	
Dec. 1941	Landslide	Mt. Huascarán, Huaraz	8,000	
☉ 13.1.1962	Mountain slide	Mt. Huascarán, Huaraz	3,500	200
☉ 31.5.1970	Earthquake, tsunami, mountain slide	Yungay Valley, Chimbote, Trujillo	70,000	550
25.4.1974	Mountain slide	Maunmarca	450	
18.–19.2.1997	Landslides	Apurímac, Abancay	305	
Puerto Rico**				
☉ 26.7.1825	Hurricane Santa Ana		374	
☉ 8.8.1899	Hurricane San Ciriaco		6,000	35
☉ 14.–15.9.1928	Hurricane San Felipe		300	50
☉ 26.9.1932	Hurricane San Ciprián		225	30
St. Lucia				
☉ 12.10.1788	Earthquake		900	
St. Vincent and the Grenadines				
△ 27.4.1812	Eruption of La Soufrière		1,600	
△ 7.5.1902	Eruption of La Soufrière		1,500	

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United States**

◆	1811/1812	Earthquakes	New Madrid		
◆	June 1838	Earthquake	CA, San Francisco		
■	1844	Flood	MS, Upper Mississippi		1,400
◆	9.1.1857	Earthquake	CA, Tejon Pass		
◆	21.10.1868	Earthquake	CA, San Francisco Bay		
◇	8.10.1871	Forest fire	WI, Peshtigo	1,200	
◎	1873	Blizzard	MT, ID, ND, SD	1,000	
◎	19.2.1884	Tornado	SC	800	3
◆	31.8.1886	Earthquake	SC, Charleston	60	5
◎	11.-14.3.1888	Blizzard	East coast	400	20
◎	27.8.1893	Hurricane	GA, SC	1,000	10
◎	1.10.1893	Hurricane	LA	2,000	
◎	25.5.1896	Tornado	MO, St. Louis	306	13
■	May 1899	Flood	PA, Johnstown	2,200	150
◎	8.9.1900	Hurricane	TX, Galveston	6,000	30
■	1903	Flood	NJ, DE, Passaic		480
■	1903	Flood	OR, Heppner	325	
◆	18.4.1906	Earthquake	CA, San Francisco	3,000	524
■	March 1913	Flood	OH, IN	732	100
◎	5.-25.8.1915	2 Hurricanes	TX, LA	275	63
◇	Oct. 1918	Forest fire	MN, WI	1,000	75
◎	2.-15.9.1919	Hurricane	TX	287	20
◎	18.3.1925	Tornado	MT, IN, IL	739	18
◎	11.-22.9.1926	Hurricane	FL, AL, MS	243	76
■	April 1927	Flood	MS, Greenville	313	300
◎	29.9.1927	Tornado	MO, St. Louis	85	22
■	13.3.1928	Flood, dam burst	CA, St. Francis, Santa Paula	350	
◎	6.-20.9.1928	Hurricane	FL, SC	1,836	25
◇	1933-1937	Drought	Great Plains		
◎	11.3.1933	Earthquake	CA, Long Beach	116	38
◎	29.8.-10.9.1935	Hurricane	FL, Key West	408	6
■	March 1936	Flood	OH, PA, WV	200	
◎	2.4.1936	Tornadoes	GA, MI, esp. Charlotte	455	21
■	1937	Flood	OH, IN	137	438
◎	10.-22.9.1938	Hurricane	New England states, esp. MA, NY	600	306
■	1943	Flood	Midwest		900
◎	9.-16.9.1944	Hurricane	East coast, esp. CT	46	100
◆	1.4.1946	Earthquake, tsunami	AK, HI	173	25
◎	4.-21.9.1947	Hurricane	FL, MS, LA, esp. New Orleans	51	100
◇	Oct. 1947	Forest fire	ME		30
◎	25.-27.11.1950	Winter storm	East coast	200	100
◎	2.-6.4.1951	Ice storm	TN, Nashville	25	100
■	July 1951	Flood	KS, Kansas City	41	1,029
◆	21.7.1952	Earthquake	CA, Kern county	14	200
◎	9.6.1953	Tornado	MA, Worcester	90	52
◎	1.8.1954	Hurricane Carol	East coast	60	450
◎	25.8.-1.9.1954	Hurricane Carol	NY, Long Island	60	460
◎	20.8.1955	Hurricane Diane	East coast	184	800
◎	25.-29.6.1957	Hurricane Audrey	TX, LA, MS	390	150
◇	1958	Cold wave	E		520
◎	4.-13.9.1960	Hurricane Donna	DE, FL, MA, NJ, NY, MC, RI	143	1,250
◎	11.-14.9.1961	Hurricane Carla	TX, Dallas	46	400
◎	6.-9.3.1962	Winter storm	NJ, WA, VA, NC, SC, GA, FL	33	200
◎	12.10.1962	Winter storm	West coast	13	150
◆	28.3.1964	Earthquake	AL, Anchorage, Prince William Sound	122	538
◎	31.8.-15.9.1964	Hurricane Dora	FL, GA	5	250
■	Dec 1964	Flood	CA, OR	45	1,000
◎	11.-12.4.1965	Tornadoes	OH, MI, IN	271	190
◎	7.-12.9.1965	Hurricane Betsy	FL, LA	75	1,420
◎	8.6.1966	Tornado	KS	26	100
◎	19.-22.9.1967	Hurricane Beulah	TX	15	200
■	Jan.-Feb. 1969	Flood	CA	112	100
◇	11.8.1969	Landslide, flood	VA	150	
◎	14.-22.8.1969	Hurricane Camille	MS, FL, TN, LA, KY, VA	256	1,420
◎	11.5.1970	Tornado	TX, Lubbock	26	102
◎	3.8.1970	Hurricane Celia	TX, Galveston	11	454
◆	9.2.1971	Earthquake	CA, San Fernando	65	535
■	9.6.1972	Flood	SD, Rapid City	237	120
◎	14.-23.6.1972	Hurricane Agnes, flood	East coast	122	2,000
■	April 1973	Flood	AR, Helena	23	500
◎	2.-5.4.1974	Tornadoes	18 states affected, esp. AL, IN, KY, OH	322	1,000
◎	13.-24.9.1975	Hurricane Eloise	FL, AL	15	490
■	31.7.1976	Flood	CO, Big Thompson Canyon	139	36
◇	Jan.-Feb. 1977	Cold wave, winter damage	E	75	2,800
■	20.-22.7.1977	Flood	PA, Johnstown	76	200

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⊗	8.2.1978	Blizzard	East coast, NH, MA	65	100
⊗	10.4.1979	Tornado	TX, OK	48	500
⊗	12.-14.9.1979	Hurricane Frederic	Gulf Coast	32	2,300
△	18.5.1980	Eruption of St. Helens	WA	57	860
⊗	9-10.5.1981	Hailstorm, tornadoes	TX, OK	20	400
⊗	23.6.1981	Hailstorm	MN, IA, PA, MD		461
⊗	2-4.1.1982	Winter storms	MS, OH	270	1,000
⊗	2.-4.4.1982	Tornadoes	TX, Paris, Blossom	46	500
⊗	23.-24.11.1982	Hurricane Iwa	HI	3	234
⊗	Feb.-March 1983	Severe storms	CA	19	525
⊗	17.-20.8.1983	Hurricane Alicia	TX, Galveston	21	2,000
⊗	17.-30.12.1983	Winter storms	Almost entire country, esp. TX, LA, MS, AL, FL	500	1,000
⊗	27.-30.3.1984	Tornadoes	E, S, 18 states affected	80	400
⊗	13.-14.6.1984	Hailstorm, tornadoes	CO, Denver		600
⊗	19-22.1.1985	Cold wave	MS, AL, TN, TX, AR, LA	150	800
⊗	31.5.1985	Tornadoes	PA, OH	94	600
⊗	28.8.-4.9.1985	Hurricane Elena	Gulf Coast	4	1,250
⊗	27.-29.9.1985	Hurricane Gloria	East coast	3	900
⊗	27.-29.10.1985	Hurricane Juan	Gulf Coast	12	1,500
⊗	13.-22.2.1986	Flood	CA, NV, OR, WY, CO	13	320
⊗	July-Aug. 1986	Drought	S, E	48	1,500
⊗	10.-17.9.1986	Flood	MI	6	300
⊗	1.-4.10.1987	Earthquakes	CA, Los Angeles, Whittier	8	358
⊗	1.4.-27.6.1988	Drought	30 states affected		13,000
⊗	May 1989	Drought	KS		1,000
⊗	17.10.1989	Earthquake	CA, San Francisco, Santa Cruz	68	6,000
⊗	26.-29.4.1991	Tornadoes	IA, TX, OK, KS, MS, GA	33	1,000
⊗	18.-20.8.1991	Hurricane Bob	NC	16	1,500
⊗	21.-22.10.1991	Brush fire	CA, Oakland, Berkeley	26	2,000
⊗	18.12.1991-	Floods	TX	15	850
⊗	10.1.1992				
⊗	23.-27.8.1992	Hurricane Andrew	FL, LA	62	26,500
⊗	11.-12.9.1992	Hurricane Iniki	HI, Kauai, Niihau	4	3,000
⊗	10.-13.12.1992	Winterstorm	Northeast coast	18	2,000
⊗	11.-14.3.1993	Blizzard	S, E, 24 states affected	243	4,000
⊗	27.6.-15.8.1993	Flood	Mississippi, 9 states affected	45	16,000
⊗	27.10.-3.11.1993	Brush fire	CA	3	1,000
⊗	Jan.-March 1994	Winter damage	NE	190	4,000
⊗	17.1.1994	Earthquake	CA, Northridge	60	44,000
⊗	3.-10.1.1995	Flood	CA, OR	33	1,800
⊗	5.-6.5.1995	Hailstorm	TX, Dallas, Fort Worth	19	2,000
⊗	7.-10.5.1995	Floods	LA, New Orleans	6	3,000
⊗	10.-15.7.1995	Heat wave	IL, esp. Chicago	670	
⊗	6.1.-9.2.1996	Winter damage, blizzards	East coast	107	3,500
⊗	5.-8.9.1996	Hurricane Fran	NC, SC, VA, MD, WV, PA, OH, WA	22	5,200
⊗	1.-11.1.1997	Floods	CA, Sutter, Sacramento	10	2,000
⊗	4.-29.4.1997	Flood	ND, Grand Forks, Fargo	3	1,000
⊗	22.-23.2.1998	Tornadoes	FL	42	150
Venezuela**					
⊗	26.3.1812	Earthquakes	Caracas, Merida, Barquisimeto	20,000	
⊗	18.5.1875	Earthquake	Mérida, Tachira	16,000	
⊗	29.10.1900	Earthquake	Caracas		
⊗	29.7.1967	Earthquake	Caracas	300	140
⊗	6.-9.9.1987	Flash floods, landslides	Aragua, Maracay	200	
⊗	9.7.1997	Earthquake	Sucre state, Cariaco, Cumana	79	40

* Economic losses in US\$ million
 ** See Region America
 *** Abbreviation of US states (2 digits).