

for the press

13 April 2006, 100 YEARS OF EARTHQUAKES SINCE THE SAN FRANCISCO EARTHQUAKE IN 1906

Significant earthquakes from 1906 to 2006 (as at 12 April 2006)
measured in terms of magnitude and effect (fatalities or property damage)



Source: MRNatCatSERVICE, 12 April 2006

Significant earthquakes from 1906 to 2006 (as at 12 April 2006)

measured in terms of magnitude and effect (fatalities or property damage)

Date	Country, region	Magnitude	Fatalities	Overall losses US\$ m (original values)	Insured losses US\$ m
18.04.1906	USA, San Francisco	7.8	3,000	520	180
17.08.1906	Chile, Valparaiso	8.6	20,000	260	*
28.12.1908	Italy, Messina	7.2	85,900	116	*
16.12.1920	China, Gansu	8.5	235,000	25	*
01.09.1923	Japan, Tokyo	7.8	142,800	2,800	590
25.12.1932	China, Kansu	7.6	77,000	*	*
03.03.1933	Japan, Sanriku	8.9	3,064	*	*
15.01.1934	India, Nepal	8.3	10,653	25	*
30.05.1935	Pakistan, Quetta	7.5	50,000	25	*
25.01.1939	Chile, Concepción	8.3	28,000	100	*
27.11.1945	Pakistan, Makran	8.3	300	25	*
15.08.1950	India, Assam	8.6	532	25	*
21.05.1960	Chile, Puerto Montt, Valdivia	9.5	3,000	880	*
27.03.1964	USA, Alaska	9.2	130	540	45
31.05.1970	Peru, Chimbote	7.9	67,000	550	15
04.02.1976	Guatemala, Guatemala City	7.5	23,000	1,100	55
27.07.1976	China, Tangshan	7.8	242,800	5,600	*
10.10.1980	Algeria, El Asnam	7.2	2,590	3,000	*
23.11.1980	Italy, Irpinia	6.8	2,900	11,800	40
19.09.1985	Mexico, Mexico City	8.1	9,500	4,000	275
07.12.1988	Armenia, Spitak	6.7	25,000	14,000	*
17.10.1989	USA, Loma Prieta	7.1	68	10,000	960
20.06.1990	Iran, Gilan Province	7.4	40,000	7,100	100
17.01.1994	USA, Northridge	6.8	61	44,000	15,300
17.01.1995	Japan, Kobe	6.8	6,430	100,000	3,000
17.08.1999	Turkey, Izmit	7.4	15,000	12,000	600
21.09.1999	Taiwan, Nantou	7.6	2,370	14,000	750
26.01.2001	India, Gujarat	7.7	14,000	4,500	100
23.06.2001	Peru, Arequipa	8.4	115	300	50
21.05.2003	Northern Algeria	6.8	2,200	5,000	*
26.12.2003	Iran, Bam	6.6	26,200	500	19
23.10.2004	Japan, Niigata	6.6	46	28,000	460
26.12.2004	South Asia	9.0	210,000	10,000	1,000
28.03.2005	Indonesia, Thailand	8.7	1,700	*	*
08.10.2005	Pakistan, India, Kashmir	7.6	88,000	5,200	*

* No loss data available

Source: MRNatCatSERVICE, 12 April 2006