

**Table 1.8: India's major natural disasters since 1980**

Year	Type	Affected population location / area	Affected population (million)	Loss (number of human life)	Loss to crops & property
1980	Floods	Uttar Pradesh	30	1525	Rs. 2.0 billion
1981	Floods	Uttar Pradesh	13	362	1.5 million hectares of cropped area affected.
1982	Floods	Odisha	10	1000	3 million hectares of agricultural land affected. Loss estimated to run into thousands of millions of Rupees.
1982	Cyclone	Saurashtra	N.A.	514	Livestock death toll nearly 0.15 million. Loss to crops estimated at about Rs. 1.27 billion.
1983	Cyclone	Andhra Pradesh	N.A.	134	Livestock death toll-42,800. Damage to crops estimated at Rs. 0.34 billion.
1984	Cyclone	Andhra Pradesh and Tamil Nadu	N.A.	658	Livestock death toll-90,650. Damage to crops estimated at Rs. 2.32 billion.
1985	Floods	Haryana, Punjab and Uttar Pradesh	N.A.	Heavy toll	Large area of standing Kharif crop affected heavily.
1986	Floods	Andhra Pradesh, Bihar and Uttar Pradesh	N.A.	Heavy toll	Large area of standing Kharif crop affected heavily.
1987	Floods	Assam, Bihar and West Bengal	N.A.	Over 1400	N.A.
1988	Cyclone	West Bengal	N.A.	532	Livestock death toll- 57,604.
1989	Floods	Andhra Pradesh, Assam, Gujarat, Himachal Pradesh, Jammu & Kashmir, Karnataka, Maharashtra, Odisha, Uttar Pradesh and West Bengal	N.A.	Over 1400	N.A.
1990	Cyclone*	Andhra Pradesh and Tamil Nadu	7.78	928	Rs. 22.47 billion
1991	Earthquake*	Uttarkashi and Uttar Pradesh	0.4	768	Rs. 0.89 billion
1992	Drought	Maharashtra	28.8		Rs. 28.23 billion

Natural Resources

Year	Type	Affected population location / area	Affected population (million)	Loss (number of human life)	Loss to crops & property
1993	Floods*	Arunachal Pradesh, Assam, Bihar, Gujarat, Haryana, Himachal Pradesh, Jammu & Kashmir, Mizoram, Punjab, Rajasthan, Tripura and Uttar Pradesh	N.A.	1643	Rs. 21.06 billion
1994	Cyclone	Andhra Pradesh and Tamil Nadu	N.A.	226	Loss to property estimated at Rs. 6.12 billion in Tamil Nadu and 4, 44, 194 ha. of land in Andhra Pradesh.
1995	Floods	Large parts of the country	N.A.	1360	Property worth Rs. 17.7 billion and crop in 2.35 million hectare damaged.
1996	Floods	Large parts of the country	N.A.	1700	Property worth Rs. 22.0 billion and crop in 20.0 million hectare damaged.
1996	Cyclone	Andhra Pradesh	N.A.	1058	0.3 million houses fully and a similar number partially damaged.0.1 million hectares of crop damaged. Loss to property worth Rs. 61.26 billion.
1997	Earthquake*	Jabalpur	N.A.	39	N.A.
1998	Earthquake*	Chamoli	N.A.	100	N.A.
1999	Cyclone**	Odisha	12.9	9887	1.8 million hectare of crop area and 1.6 million houses damaged.
1999	Cyclone	West Bengal	0.79	N.A.	Rs. 577.30 million
2000	Floods	Andhra Pradesh, Assam, Arunachal Pradesh, West Bengal, Bihar, Punjab, Uttar Pradesh, Himachal Pradesh, Gujarat, Karnataka, Kerala, MP and Sikkim	41.62	3048	Estimated value of public properties Rs. 1957.82 crores.
2001	Earthquake	Gujarat	15.9	20,000	Estimated value of public properties Rs 21,262

Year	Type	Affected population location / area	Affected population (million)	Loss (number of human life)	Loss to crops & property
					crores. Over 20,000 people killed, 1,50,000 injured and 1,59,00,000 affected, 12.54 lakh house damaged.
2004	Tsunami/ Tide waves	Andaman & Nicobar Islands, Andhra Pradesh, Tamil Nadu and Puducherry	0.65	10,749	Over 10,749 people killed. 5,840 people expected missing. About 6.5 lakh people moved to refer places.
2005	Earthquake	Pakistan & Kashmir	N.A.	N.A.	Over 87,000 people killed.

**Note** : 1. N.A.: Not Available, 2.\* State of the Environment of India 1995, Ministry of Environment and Forest, Govt. of India, 3.\*\* Ministry of Agriculture

**Source** : 1. *Compendium of Environment Statistics India, 2008-2009 & 2012* Central Statistical Office, Ministry of Statistics and Programme Implementation, Govt. of India (Website: <http://www.mospi.gov.in>).

2. *India, State of Environment Report 2001* & Website of Ministry of Home Affairs.