

Location	Subject	Year	Value	Source	Note
National	Emission of carbon dioxide (Metric tons)	1992	769000000	11	
		1995	908700000	10	
	Consumption of Ozone depleting substances (Tons per year)	1991	10370	6	
	Annual withdrawal of surface water (Cubic meter per capita)	1975	612	12	
	Domestic consumption of ground water (Cubic km per year)	1979	4.65	12	
	Length of marine coast line (Kilometers)	1991	7515	1	
	Total mangrove coverage (Hectares)	1996	304000	8	
		1997	472800	4	
	Percent of urban population in large coastal cities (Percent)	1990	27	9	
	Annual Catches of marine species (Tons)	1990	2300000	1	
		1995	2692000	1	
		1996	2707000	1	
	Geographical area (Hectares)	1998	329000000	1	
	Cultivable land (Hectares)	1990-91	142250000	1	
		1991-92	142510000	1	
		1992-93	18642000	1	
	Barren and uncultivable land (Hectares)	1990-91	19600000	1	
		1991-92	19380000	1	
		1992-93	19380000	1	
	Pasture and grazing land (Hectares)	1990-91	11800000	1	
		1991-92	11300000	1	
		1992-93	11180000	1	
	Cultivable waste land (Hectares)	1990-91	15070000	1	
		1991-92	14640000	1	
		1992-93	14470000	1	
	Wetlands (Hectares)	1989	5470000	9	Wetlands of international importance
	Irrigated agricultural land (Hectares)	1990-91	47780000	1	
		1991-92	50100000	1	
		1993	68370000	1	
	Fertiliser consumption (Tons)	1990-91	125460000	1	
		1994-95	135640000	1	
		1995-96	138760000	1	
	Pesticide use (Tons)	1990-91	75000	1	
		1994-95	61360	1	
		1995-96	61260	1	
	Area affected by soil erosion (Hectares)	1989	130000000	1	
	Protected land area as % of total land area (Percent)	1994	4.8	11	
		1997	4.8	12	
	Total floral species (Number)	1997	45000	1	
	Threatened/endangered floral species (Number)	1997	170	1	Vascular plants
	Extinct floral species (Number)	1997	21	1	Vascular plants
Total faunal species (Number)	1997	77452	1		
Threatened/endangered faunal species (Number)	1997	253	1		
Total forest area (Hectares)	1993	64010700	1		
	1995	63960000	1		
Total forest area (Hectares)	1992	68500000	9		
Deforestation rate (Ha/year)	1995	25350	1		
Afforestation rate (Ha/year)	1997-98	9,22,262.37	4		
Protected forest area (Hectares)	1995	22973385	1		

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	Annual energy use (Petajoules)	1995	13578	12	
	Annual power generation (Megawatt)	1990-91	264328.6	1	
		1992-93	301361.7	1	
		1993-94	324049.6	1	
	Total population (Number)	1981	683329097	1	
		1991	846302688	1	
	Total urban population (Number)	1981	157680171	1	Excluding Assam for 1981 data
		1991	40418141	1	
	Total rural population (Number)	1981	507607678	1	Excluding Jammu and Kashmir for 1991 data
		1991	111591326	1	
	Rate of growth of urban population (Percent)	1981	3.83	1	Annual exponential
		1991	3.09	1	
	Population below poverty line (Percent)	1983	44.48	1	
		1987-88	38.86	1	
		1993-94	35.97	1	
	Population with access to safe drinking water facility in urban area (Percent)	1985	72.9	1	
		1990	83.8	1	
		1993	84.9	1	
	Population with access to safe drinking water facility in rural area (Percent)	1985	56.3	1	
		1990	73.9	1	
		1993	78.4	1	
	Population with sanitary facilities in urban areas (Percent)	1985	28.4	1	
		1990	45.9	1	
		1993	47.9	1	
	Population with sanitary facilities in rural areas (Percent)	1985	0.7	1	
		1990	2.4	1	
		1993	3.15	1	
	Population in marginal settlements (Number)	1981	279144000	1	Estimated value
		1991	462608000	1	
	Motor vehicles per thousand habitants (Number)	1995	32.5	1	Estimated value
	Frequency of occurrence of flood (Number)	1964-86	32	9	
	Frequency of occurrence of draught (Number)	1964-86	7	9	
	Frequency of occurrence of cyclone (Number)	1964-86	43	9	
	Population affected from natural disaster (Number)	1995	907000000	1	
	Expenditure for environmental protection as % of GDP (Percent)	1995-96	0.035	1	Estimated value
	Environmental acts promulgated for water pollution control	1974	Yes	1	
	Environmental acts promulgated for air pollution control	1981	Yes	1	
	Environmental acts promulgated for hazardous waste management	1989	Yes	1	
	Environmental acts promulgated for preservation of natural resources	1986	Yes	1	
	Environmental guidelines formulated for EIA	1994	Yes	1	
	Programmes of environment statistics, indicators, and accounting	1986	Yes	1	
Brahmaputra, at Dibrugarh	Concentration of BOD (Milligrams per liter)	1993	1.3	7	Annual mean, based on monthly sampling
		1994	1.1	7	Annual mean, based on monthly sampling
	Concentration of COD (Milligrams per liter)	1993	9	7	Annual mean, based on monthly sampling
		1994	9.9	7	Annual mean, based on monthly sampling
	Coliform count (Most probable number per 100 ml)	1993	9	7	Annual mean, based on monthly sampling
	1994	8.65	7	Annual mean, based on monthly sampling	

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Calcutta	Annual average maximum temperature (Degree centigrade)	1990	31.1	2	Annual average
		1993	31.3	2	Annual average
		1995	31.8	2	Annual average
	Annual average minimum temperature (Degree centigrade)	1990	22	2	Annual average
		1993	21.8	2	Annual average
		1995	22.1	2	Annual average
	Annual average maximum relative humidity (Percent)	1990	73.7	2	Annual average relative humidity
		1993	71	2	Annual average relative humidity
		1995	73.3	2	Annual average relative humidity
	Annual total rainfall (Millimeter)	1990	2183.7	2	Annual total
		1993	1900.2	2	Annual total
		1995	1849.5	2	Annual total
Chennai	Annual average maximum temperature (Degree centigrade)	1990	32.73	2	Annual average
		1992	32.87	2	Annual average
		1995	32.8	2	Annual average
	Annual average minimum temperature (Degree centigrade)	1990	24.8	2	Annual average
		1992	24.58	2	Annual average
		1995	24.78	2	Annual average
	Annual average maximum relative humidity (Percent)	1990	73	2	Annual average relative humidity
		1992	73.5	2	Annual average relative humidity
		1995	75.5	2	Annual average relative humidity
	Annual total rainfall (Millimeter)	1990	1775.5	2	Annual total
		1992	1179.2	2	Annual total
		1995	1305.6	2	Annual total
Delhi	Annual average maximum temperature (Degree centigrade)	1987	32.7	2	Annual average
		1990	27.7	2	Annual average
		1991	30.3	2	Annual average
	Annual average minimum temperature (Degree centigrade)	1987	19.5	2	Annual average
		1990	16.7	2	Annual average
		1991	18.1	2	Annual average
	Annual average maximum relative humidity (Percent)	1987	52.4	2	Annual average relative humidity
		1990	57.8	2	Annual average relative humidity
		1991	54	2	Annual average relative humidity
	Annual total rainfall (Millimeter)	1987	372.3	2	Annual total
		1990	902.9	2	Annual total
		1991	636.7	2	Annual total
Delhi, Ashok Vihar	Concentration of sulphur dioxide (Microgram per cubic meter)	1993	17.7	3	Annual mean, based on 24 hourly sampling at uniform interval conducted twice a week
		1994	21.1	3	Annual mean, based on 24 hourly sampling at uniform interval conducted twice a week
		1995	17.7	3	Annual mean, based on 24 hourly sampling at uniform interval conducted twice a week
	Concentration of nitrogen oxides (Microgram per cubic meter)	1993	31	3	Annual mean, based on 24 hourly sampling at uniform interval conducted twice a week
		1994	30	3	Annual mean, based on 24 hourly sampling at uniform interval conducted twice a week
		1995	28.5	3	Annual mean, based on 24 hourly sampling at uniform interval conducted twice a week
	Concentration of suspended particulate matter (Microgram per cubic meter)	1993	322	3	Annual mean, based on 24 hourly sampling at uniform interval conducted twice a week
		1994	340	3	Annual mean, based on 24 hourly sampling at uniform interval conducted twice a week
		1995	406	3	Annual mean, based on 24 hourly sampling at uniform interval conducted twice a week
	Concentration of fluoride (Milligrams per liter)	1994	2.62	5	Annual mean, based on monthly sampling
Concentration of nitrate (Milligrams per liter)	1994	13	5	Annual mean, based on monthly sampling	
Delhi, Chhawla I	Concentration of fluoride (Milligrams per liter)	1994	3.4	5	Annual mean, based on monthly sampling
	Concentration of nitrate (Milligrams per liter)	1994	3.1	5	Annual mean, based on monthly sampling
Delhi, Chhawla II	Concentration of fluoride (Milligrams per liter)	1994	0.96	5	Annual mean, based on monthly sampling
	Concentration of nitrate (Milligrams per liter)	1994	13.2	5	Annual mean, based on monthly sampling
Delhi, Najafgarh	Concentration of fluoride (Milligrams per liter)	1994	0.36	5	Annual mean, based on monthly sampling
	Concentration of nitrate (Milligrams per liter)	1994	8.93	5	Annual mean, based on monthly sampling

Location	Subject	Year	Value	Source	Note
Delhi, Nizamuddin	Concentration of sulphur dioxide (Microgram per cubic meter)	1993	13.7	3	Annual mean, based on 24 hourly sampling at uniform interval conducted twice a week
		1994	16.1	3	Annual mean, based on 24 hourly sampling at uniform interval conducted twice a week
		1995	15.9	3	Annual mean, based on 24 hourly sampling at uniform interval conducted twice a week
	Concentration of nitrogen oxides (Microgram per cubic meter)	1993	30.1	3	Annual mean, based on 24 hourly sampling at uniform interval conducted twice a week
		1994	37.2	3	Annual mean, based on 24 hourly sampling at uniform interval conducted twice a week
		1995	37	3	Annual mean, based on 24 hourly sampling at uniform interval conducted twice a week
	Concentration of suspended particulate matter (Microgram per cubic meter)	1993	362	3	Annual mean, based on 24 hourly sampling at uniform interval conducted twice a week
		1994	443	3	Annual mean, based on 24 hourly sampling at uniform interval conducted twice a week
		1995	398	3	Annual mean, based on 24 hourly sampling at uniform interval conducted twice a week
Delhi, Siri Fort	Concentration of sulphur dioxide (Microgram per cubic meter)	1993	16.5	3	Annual mean, based on 24 hourly sampling at uniform interval conducted twice a week
		1994	12.5	3	Annual mean, based on 24 hourly sampling at uniform interval conducted twice a week
		1995	14.5	3	Annual mean, based on 24 hourly sampling at uniform interval conducted twice a week
	Concentration of nitrogen oxides (Microgram per cubic meter)	1993	31.80	3	Annual mean, based on 24 hourly sampling at uniform interval conducted twice a week
		1994	28.3	3	Annual mean, based on 24 hourly sampling at uniform interval conducted twice a week
		1995	28.9	3	Annual mean, based on 24 hourly sampling at uniform interval conducted twice a week
	Concentration of suspended particulate matter (Microgram per cubic meter)	1993	353	3	Annual mean, based on 24 hourly sampling at uniform interval conducted twice a week
		1994	331	3	Annual mean, based on 24 hourly sampling at uniform interval conducted twice a week
		1995	408	3	Annual mean, based on 24 hourly sampling at uniform interval conducted twice a week
Delhi, Town Hall	Concentration of sulphur dioxide (Microgram per cubic meter)	1993	30.7	3	Annual mean, based on 24 hourly sampling at uniform interval conducted twice a week
		1994	52.8	3	Annual mean, based on 24 hourly sampling at uniform interval conducted twice a week
		1995	43.1	3	Annual mean, based on 24 hourly sampling at uniform interval conducted twice a week
	Concentration of nitrogen oxides (Microgram per cubic meter)	1993	51.7	3	Annual mean, based on 24 hourly sampling at uniform interval conducted twice a week
		1994	77.7	3	Annual mean, based on 24 hourly sampling at uniform interval conducted twice a week
		1995	110.8	3	Annual mean, based on 24 hourly sampling at uniform interval conducted twice a week
	Concentration of suspended particulate matter (Microgram per cubic meter)	1993	588	3	Annual mean, based on 24 hourly sampling at uniform interval conducted twice a week
		1994	537	3	Annual mean, based on 24 hourly sampling at uniform interval conducted twice a week
		1995	472	3	Annual mean, based on 24 hourly sampling at uniform interval conducted twice a week

Location	Subject	Year	Value	Source	Note
Godavari River, Gangapuram Dam Nasik	Concentration of BOD (Milligrams per liter)	1987	4.5	7	Annual mean, based on monthly sampling
		1993	5.9	7	Annual mean, based on monthly sampling
		1994	4.8	7	Annual mean, based on monthly sampling
	Concentration of COD (Milligrams per liter)	1987	30.1	7	Annual mean, based on monthly sampling
		1993	22.2	7	Annual mean, based on monthly sampling
		1994	22.7	7	Annual mean, based on monthly sampling
	Coliform count (Most probable number per 100 ml)	1987	211	7	Annual mean, based on monthly sampling
		1993	4	7	Annual mean, based on monthly sampling
		1994	4.58	7	Annual mean, based on monthly sampling
Krishna River, Vijaywada	Concentration of BOD (Milligrams per liter)	1987	3.5	7	Annual mean, based on monthly sampling
		1993	3.8	7	Annual mean, based on monthly sampling
		1994	1.9	7	Annual mean, based on monthly sampling
	Concentration of COD (Milligrams per liter)	1987	23.6	7	Annual mean, based on monthly sampling
		1993	13.6	7	Annual mean, based on monthly sampling
		1994	11.9	7	Annual mean, based on monthly sampling
	Coliform count (Most probable number per 100 ml)	1987	2400	7	Annual mean, based on monthly sampling
Mumbai	Annual average maximum temperature (Degree centigrade)	1990	31.82	2	Annual average
		1992	32.02	2	Annual average
		1995	32.38	2	Annual average
	Annual average minimum temperature (Degree centigrade)	1990	22.74	2	Annual average
		1992	22.72	2	Annual average
		1995	22.72	2	Annual average
	Annual average maximum relative humidity (Percent)	1990	70.3	2	Annual average relative humidity
		1992	68.3	2	Annual average relative humidity
		1995	66.5	2	Annual average relative humidity
	Annual total rainfall (Millimeter)	1990	2826.5	2	Annual total
		1992	1942.8	2	Annual total
		1995	1754.3	2	Annual total
Yamuna river, at Agra Canal, Delhi	Concentration of BOD (Milligrams per liter)	1988	19.8	7	Annual mean, based on monthly sampling
		1994	4.7	7	Annual mean, based on monthly sampling
	Concentration of COD (Milligrams per liter)	1988	66.2	7	Annual mean, based on monthly sampling
		1993	18.5	7	Annual mean, based on monthly sampling
		1994	37.3	7	Annual mean, based on monthly sampling
	Coliform count (Most probable number per 100 ml)	1988	262771	7	Annual mean, based on monthly sampling

Sources

- 1 Central Statistical Organisation, *Compendium of Environment Statistics*.
- 2 India Meteorological Department, *Data Bank*.
- 3 Ministry of Environment and Forests, *Ambient Air Quality Status and Statistics*.
- 4 Ministry of Environment and Forests, *Annual Report*.
- 5 Ministry of Environment and Forests, *Ground Water Quality in Problematic Areas, Status & Statistics, Part IV*.
- 6 Ministry of Environment and Forests, *India Country Programme*.
- 7 Ministry of Environment and Forests, *Water Quality Status and Statistics - 1993 and 1994*.
- 8 UNEP, *World Resources*.
- 9 United Nations, *State of the Environment in Asia and the Pacific*.
- 10 World Bank, *World Development Indicators 1998*.
- 11 World Bank, *World Development Report*.
- 12 World Resources Institute, *World Resources*.