

2. CLIMATE AND RAINFALL

2.1. TEMPERATURE AT SELECT STATIONS

Name of the Station: Erode

(Celsius)

Year	Months	Mean Maximum		Mean Minimum		Humidity	
		Normal	Actual	Normal	Actual	8.30 hrs.	17.30 hrs.
2009	April	36.9	N.A	25.1	N.A	N.A	N.A
	May	36.8	N.A	25.5	N.A	N.A	N.A
	June	34.9	N.A	24.4	N.A	N.A	N.A
	July	33.4	N.A	23.6	N.A	N.A	N.A
	August	33.2	N.A	23.4	N.A	N.A	N.A
	September	33.1	N.A	23.3	N.A	N.A	N.A
	October	31.9	N.A	22.8	N.A	N.A	N.A
	November	30.5	N.A	21.2	N.A	N.A	N.A
	December	30.1	N.A	19.6	N.A	N.A	N.A
2010	January	31.1	N.A	19.2	N.A	N.A	N.A
	February	33.7	N.A	20.2	N.A	N.A	N.A
	March	33.7	N.A	22.5	N.A	N.A	N.A

Source: Department of Economics and Statistics, Chennai

2.2 MONTHLY RAINFALL DATA SEASON-WISE

Year	Months	Actual	Normal	% Deviation
2009	June – 2009	6	26.1	-77
	July	23.8	34.1	-30.2
	August	81	56.4	43.6
	September	98.5	96.5	2.1
	South West Monsoon	209.3	213.1	-1.8
	October	94.9	168.7	-43.7
	November	210.8	108.1	95
	December	18.8	46.5	-59.7
	North East Monsoon	324.5	323.5	0.3
	January - 2010	0.7	8.9	-92.1
	February	0	11.8	-100
	Winter Season	0.7	20.7	-96.6
2010	March	6.1	18.1	-66.3
	April	17.3	48.7	-64.5
	May	150.7	86.5	74.2
	Hot Season	174.1	153.3	13.6
	Whole Year	708.6	710.6	-0.3

Source: Department of Economics and Statistics, Chennai

2.3 TIME SERIES DATA OF RAINFALL BY SEASONS (LAST 10 YEARS)

Sl.No	Year	South West Monsoon		North East Monsoon		Winter Season		Hot Weather Season		Total		Deviation of Percentage
		Normal	Actual	Normal	Actual	Normal	Actual	Normal	Actual	Normal	Actual	
1	1998-99	183.4	289.7	307.6	323.7	21.5	0.0	147.6	151.6	660.1	765.1	15.9
2	1999-00	183.4	99.8	307.6	493.8	21.5	39.7	147.6	81.9	660.1	715.2	8.3
3	2000-01	183.4	308.6	307.6	243.3	21.5	17.48	147.6	117.7	660.1	687.08	4.1
4	2001-02	183.4	160.3	307.6	294.1	21.5	2.1	147.6	81.2	660.1	537.7	-18.5
5	2002-03	183.4	113.9	307.6	317.4	21.5	2.1	147.6	134.8	660.1	568.2	-13.9
6	2003-04	213.1	136.1	323.5	347.2	20.7	1.8	154.1	326.7	711.4	811.8	14.11
7	2004-05	213.1	203.1	323.5	290	20.7	31.6	154.1	274.9	711.4	799.6	12.4
8	2005-06	213.1	244.4	323.5	640.2	20.7	7.9	154.1	129.5	711.4	1022	43.7
9	2006-07	213.1	174.5	323.5	386.2	20.7	0.6	154.1	66.4	711.4	627.7	-11.8
10	2007-08	213.1	203.9	323.5	446.7	20.7	27.0	154.1	215.9	711.4	893.5	25.6
11	2008-09	213.1	204.3	323.5	448.7	21.3	21.0	154.1	213.4	711.4	887.7	24.3
12	2009-10	213.1	209.3	323.5	324.5	21.3	0.7	154.1	153.3	711.4	710.6	-0.3

Source: Asst. Director of Statistics, Erode.