

## **2. CLIMATE AND RAINFALL**

### **2.1. TEMPERATURE AT SELECT STATIONS**

**( Rainfall in Cm.)**

**(Celsius) 2009-2010**

Months (1)	Mean Maximum		Mean Minimum		Humidity	
	Normal (2)	Actual (3)	Normal (4)	Actual (5)	8.30 hrs. (6)	17.30 hrs. (7)
June -2009	38.3	17.6			72.46	50.34
July-2009	62.6	70.0			75.10	53.76
August-2009	91.7	244.9			73.85	54.10
September-2009	124.4	61.6			84.17	60.48
October-2009	159.9	116.7			78.65	75.45
November -2009	91.7	192.4			79.70	68.45
December -2009	39.4	12.2			73.70	50.25
January -2010	8.3	0.0			73.95	40.10
February -2010	9.8	0.0			79.45	37.95
March-2010	12.5	25.1			77.45	28.95
April-2010	35.3	17.5			80.78	44.95
May-2010	90.8	118.6			75.10	68.70

**Source: Deputy Director General of Meteorology, Chennai.**

## 2.2 MONTHLY NORMAL AND ACTUAL RAINFALL DETAILS

YEAR: 2009-2010

(In Millimetres)

Period (1)	Normal Rainfall (2)	Actual Rainfall (3) ***	%Deviation (4)
<b><u>1.South West Monsoon Period</u></b>			
Total	<b>317.0</b>	<b>394.1</b>	<b>20.1</b>
June'08	38.3	17.6	-54.0
July'08	62.6	70.0	11.8
August'08	91.7	244.9	152.6
September'08	124.4	61.6	-50.5
<b><u>2.North East Monsoon</u></b>			
Total	<b>291.0</b>	<b>321.3</b>	<b>10.4</b>
October'08	159.9	116.7	-27.0
November '08	91.7	192.4	109.8
December'08	39.4	12.2	-69.0
<b><u>3.Winter-Period</u></b>			
Total	<b>18.1</b>	<b>0.0</b>	<b>-100.0</b>
January'09	8.3	0.0	-100.0
February'09	9.8	0.0	-100.0
<b><u>4.Hot-Weather Period</u></b>			
Total	<b>138.6</b>	<b>161.2</b>	<b>3.7</b>
March'09	12.5	25.1	100.8
April'09	35.3	17.5	-50.4
May'09	90.8	118.6	30.6
<b>Grand Total</b>	<b>776.5</b>	<b>858.0</b>	<b>10.5</b>

Source: Assistant Director of Statistics, Namakkal.

(\*\*\* Provisional)

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

**YEAR: 2009-2010**

Sl. No	Year	South West Monsoon		North East Monsoon.		Winter Season		Hot Weather Season		Total		% Deviation (+ or - or =) from Normal
		Normal	Actual	Normal	Actual	Normal	Actual	Normal	Actual	Normal	Actual	
1	1999 - 2000	322.1	198.9	286.3	418.0	20.0	5.2	161.5	139.0	789.9	761.1	(-) 4
2	2000 - 2001	316.2	393.1	286.3	218.6	18.5	0	157.4	145.9	782.8	757.6	(-) 3.2
3	2001 - 2002	316.2	259.8	290.7	164.7	18.5	2.6	154.3	62.8	779.7	482.9	(-) 37.2
4	2002 - 2003	316.2	167.9	290.7	210.8	28.5	3.5	154.3	97.0	789.7	479.2	(-) 39
5	2003 - 2004	342.3	232.8	293.4	223.7	17.5	2.0	151.3	269.9	804.5	728.4	(-) 9.5
6	2004 - 2005	317.0	211.7	291.0	246.5	18.1	2.8	150.4	228.7	776.5	689.7	(-) 86.8
7	2005 - 2006	316.2	308.1	290.7	589.4 8	28.5	8.3	130.2	289.7	789.7	1036.1	(+) 31.20
8	2006 -07	316.2	339.2	290.7	358.3	28.5	0	130.2	68.8	789.7	760.3	(-) 3.04
9	2007 -08	316.2	236.4	290.7	324.33	28.5	49.7	130.2	216.35	789.7	1142.98	(+) 144.36
10	2009 -10	316.2	349.1 0	290.7	363.42	28.5	0.5	130.2	152.1	789.7	865.12	(+) 10.9

Source: Directorate of Economics and Statistics, Chennai.