

## 2. CLIMATE AND RAINFALL

### 2.1. TEMPERATURE AT SELECT STATIONS

( Rainfall in mm) (Celsius) 2012-13

Month (1)	Mean Maximum		Mean Minimum		Humidity	
	Normal (2)	Actual (3)	Normal (4)	Actual (5)	8.30 hrs. (6)	17.30 hrs. (7)
June -2012	8.6	8.6			Not Avilable	Not Avilable
July-2012	491.6	491.6			Not Avilable	Not Avilable
August-2012	520.7	520.7			Not Avilable	Not Avilable
September-2012	720.5	120.5				
October-2012	1464.2	1464.2			Not Avilable	Not Avilable
November -2012	364.3	364.3				
December -2012	10.6	10.6				
January -2013	0.0	0				
February -2013	112.8	112.8				
March-2013	8.2	8.2				
April-2013	242.6	242.6				
May-2013	245.4	245.4				

Source: Deputy Director General of Meteorology, Chennai.

## 2.2 MONTHLY NORMAL AND ACTUAL RAINFALL DETAILS

YEAR: 2012-13  
(In millimetre)

Period (1)	Actual Rainfall (2)	Normal Rainfall (3)	%Deviation (4)
<b><u>1.South West Monsoon Period</u></b>			
June'12	1.9	44	-95.7
July'12	55.6	68	-18.2
August 12	63.6	97.4	-35.2
September'12	84.1	129.9	-35.3
TOTAL	<b>204.7</b>	<b>339.3</b>	<b>-39.7</b>
<b><u>2.North East Monsoon</u></b>			
October'12	164.3	156.8	4.8
November 12	53.4	98.8	-46
December'12	0.6	36	-98.3
TOTAL	<b>218.3</b>	<b>291.6</b>	<b>-25.1</b>
<b><u>3.Winter-season</u></b>			
January'13	0.0	6.5	-100
February'13	9.1	7.4	23
TOTAL	<b>9.1</b>	<b>13.9</b>	<b>-34.5</b>
<b><u>4.Hot-season</u></b>			
March'13	1.7	<b>12.7</b>	<b>-86.6</b>
April'13	29.5	44.1	-33.1
May'13	32.5	91.8	-64.6
TOTAL	<b>63.7</b>	<b>148.6</b>	<b>-57.1</b>
<b>WHOLE YEAR</b>	<b>495.8</b>	<b>793.4</b>	<b>-37.5</b>

Source: Department of Economics and Statistics Chennai - 6

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

**YEAR: 2012-13**

( From 1.4.2012 to 31.3.2013) (In millimetre)

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	2002 - 2003	316.2	167.9	290.7	210.8	28.5	3.5	154.3	97.0	789.7	479.2	(-) 39.0
2	2003 - 2004	342.3	232.8	293.4	223.7	17.5	2.0	151.3	269.9	804.5	728.4	(-) 9.5
3	2004 - 2005	317.0	211.7	291.0	246.5	18.1	2.8	150.4	228.7	776.5	689.7	(-) 86.8
4	2005 - 2006	316.2	308.1	290.7	589.48	28.5	8.3	130.2	289.7	789.7	1036.1	(+) 31.20
5	2006 - 2007	316.2	339.2	290.7	358.3	28.5	0	130.2	68.8	789.7	760.3	(-) 3.04
6	2007 - 2008	316.2	236.4	290.7	324.33	28.5	49.7	130.2	216.3 5	789.7	1142.98	(+) 144.36
7	2009 - 2010	316.2	349.10	290.7	363.42	28.5	0.5	130.2	152.1	789.7	865.12	(+) 10.9
8	2010 - 2011	317.0	303.6	291.0	429.0	13.9	10.7	148.6	237.5	770.5	980.8	(+) 27.3
9	2011 - 2012	314.5	2173.2	291.6	356.5	13.9	0.1	148.6	68.6	793.4	681.7	(-) 14.1
10	2012 - 2013	339.3	1141.4	291.6	1839.1	13.9	112.8	148.6	496.2	793.4	3589.5	(-) 37.5

Source: Directorate of Economics and Statistics, Chennai.