

2. CLIMATE AND RAINFALL

2.1. TEMPERATURE AT SELECT STATIONS

(Rainfall in mm) (Celsius) 2010-11

Months (1)	Mean Maximum		Mean Minimum		Humidity	
	Normal (2)	Actual (3)	Normal (4)	Actual (5)	8.30 hrs. (6)	17.30 hrs. (7)
June -2010	38.3	58.6			Not Avilable	Not Avilable
July-2010	62.6	68.9			Not Avilable	Not Avilable
August-2010	91.7	100.3			Not Avilable	Not Avilable
September-2010	124.4	75.8				
October-2010	159.9	118.7			Not Avilable	Not Avilable
November -2010	91.7	258.8				
December -2010	39.4	51.5				
January -2011	6.5	2.2				
February -2011	7.4	8.5				
March-2011	12.7	4.1				
April-2011	44.1	152.8				
May-2011	91.8	80.6				

Source: Deputy Director General of Meteorology, Chennai.

2.2 MONTHLY NORMAL AND ACTUAL RAINFALL DETAILS

YEAR: 2010-11
(In millimetre)

Period (1)	Actual Rainfall (2)	Normal Rainfall (3)	%Deviation (4)
1.South West Monsoon Period			
June' 10	58.6	38.3	53.0
July' 10	68.9	62.6	10.1
August 10	100.3	91.7	9.4
September' 10	75.8	124.4	-39.1
TOTAL	303.6	317.0	-4.2
2.North East Monsoon			
October' 10	118.7	159.9	-25.8
November 10	258.8	91.7	182.2
December' 10	51.5	39.4	30.7
TOTAL	429.0	291.0	47.4
3.Winter-season			
January' 11	2.2	6.5	-66.2
February' 11	8.5	7.4	14.9
TOTAL	10.7	13.9	-23.0
4.Hot-season			
March' 11	4.1	12.7	-67.7
April' 11	152.8	44.1	246.5
May' 11	80.6	91.8	-12.2
TOTAL	237.5	148.6	59.8
WHOLE YEAR	980.8	770.5	27.3

Source: Department of Economics and Statistics Chennai - 6

2.3 TIME SERIES DATA OF RAINFALL BY SEASONS (LAST 10 YEARS)**YEAR: 2010-11**

(From 1.4.2010 to 31.3.2011) (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	2000 - 2001	316.2	393.1	286.3	218.6	18.5	0	157.4	145.9	782.8	757.6	(-) 3.2
2	2001 - 2002	316.2	259.8	290.7	164.7	18.5	2.6	154.3	62.8	779.7	482.9	(-) 37.2
3	2002 - 2003	316.2	167.9	290.7	210.8	28.5	3.5	154.3	97.0	789.7	479.2	(-) 39.0
4	2003 - 2004	342.3	232.8	293.4	223.7	17.5	2.0	151.3	269.9	804.5	728.4	(-) 9.5
5	2004 - 2005	317.0	211.7	291.0	246.5	18.1	2.8	150.4	228.7	776.5	689.7	(-)86.8
6	2005 - 2006	316.2	308.1	290.7	589.48	28.5	8.3	130.2	289.7	789.7	1036.1	(+)31.20
7	2006 - 2007	316.2	339.2	290.7	358.3	28.5	0	130.2	68.8	789.7	760.3	(-) 3.04
8	2007 - 2008	316.2	236.4	290.7	324.33	28.5	49.7	130.2	216.35	789.7	1142.98	(+)144.36
9	2009 - 2010	316.2	349.10	290.7	363.42	28.5	0.5	130.2	152.1	789.7	865.12	(+) 10.9
10	2010 - 2011	317.0	303.6	291.0	429.0	13.9	10.7	148.6	237.5	770.5	980.8	(+)27.3

Source: Directorate of Economics and Statistics, Chennai.