

2.CLIMATE AND RAINFALL

2.1.TEMPERATURE AT SELECT STATIONS(Celsius)

Name of the Station: **VELLORE**

Year: **2006-2007**

Months (1)	Mean Maximum		Mean Minimum		Humidity	
	Normal (2)	Actual (3)	Normal (4)	Actual (5)	8.30 hrs. (6)	17.30 hrs. (7)
June'06	36.3	35.8	26.0	24.6	74	55
July'06	34.6	35.0	25.1	24.0	74	60
August'06	34.0	36.1	24.6	24.7	76	59
September'06	34.0	33.9	24.1	23.1	83	73
October'06	32.0	32.5	22.9	22.1	84	73
November'06	29.5	29.6	20.8	19.4	91	73
December'06	28.3	30.4	19.2	15.6	89	62
January'07	29.2	31.8	18.2	16.8	91	57
February'07	32.0	35.1	19.2	17.9	90	64
March'07	35.0	37.4	21.3	22.2	84	54
April'07	37.1	37.1	24.8	24.4	75	57
May'07	38.5	39.5	26.3	25.2	67	49

Source: Deputy Director General of Meterology, Chennai.

2.2 MONTHLY CAPITAL DATA-STATION WISE WITH MAINTAINING DIRECTORATE PARTICULARS (InMillimetres)

Year: **2007-2008**

Period (1)	Normal Rainfall (2)	Actual Rainfall (3)
<u>1.South West Monsoon Period</u>		
June'07	59.6	85.5
July'07	111.6	186.0
August'07	122.3	183.8
September'07	148.5	124.2
Total	442.0	579.5
<u>2.North East Monsoon</u>		
October'07	160.4	159.1
November'07	132.1	65.3
December'07	60.5	216.7
Total	353.0	441.1
<u>3.Winter-Period</u>		
January'08	13.9	11.4
February'08	6.4	2.9
Total	20.3	14.3
<u>4.Hot-Weather Period</u>		
March'08	10.2	66.9
April'08	17.7	10.6
May'08	73.8	83.3
Total	101.7	160.8
TOTAL	917.0	1195.7

Source: India meterological Chennai-6.

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

Year: 1996-97 TO

2007-08

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	96-97	448.8	819.2	379.3	616.2	23.2	8.9	102.1	99.7	953.4	1544.6	(+)62.0
2	97-98	448.8	288.0	379.3	312.1	23.2	0.0	102.1	27.9	953.4	628.0	(-)34.1
3	98-99	433.1	509.1	362.2	436.2	23.6	30.9	105.1	65.2	924.0	1012.4	(+)9.5
4	99-00	433.1	194.0	362.2	295.2	23.6	30.9	105.1	62.1	924.0	582.2	(-)65.8
5	2000-01	435.0	415.3	362.2	238.3	23.4	3.7	105.7	106.8	925.7	764.1	(-)17.5
6	2001-02	435.00	369.9	362.2	243.4	23.4	2.1	102.2	76.4	922.8	691.8	(-)21.32
7	2002-03	451.1	254.2	351.7	251.4	18.2	0.0	101.4	65.0	922.4	570.6	(-)38.1
8	2003-04	442.0	582.9	353.0	242.2	20.3	1.7	101.7	282.9	917.0	1109.9	(+)21.0
9	2004-05	442.0	379.3	353.0	240.4	20.3	1.5	101.7	184.5	917.0	805.7	(-)12.1
10	2005-06	442.0	407.5	353.0	685.1	20.3	4.8	101.7	200.3	917.0	1297.7	(+)41.52
11	2006-07	442.0	422.1	353.0	308.1	20.3	1.0	101.7	124.3	917.0	855.5	(-)6.0
12	2007-08	442.0	579.5	353.0	441.1	20.3	14.3	101.7	160.8	917.0	1195.7	(+)30.4

Source : Department of Economic and Statistics, Chennai-6.