

2. CLIMATE AND RAINFALL

2.1. TEMPERATURE AT SELECTED STATIONS

**Name of the Station: Coimbatore
(Celsius)**

Year	Month (1)	Highest Mean Maximum		Lowest Mean Minimum		Humidity Average	
		Normal (2)	Actual (3)	Normal (4)	Actual (5)	7.22 hrs. (6)	14.22 hrs. (7)
2013	April	35.3	35.9	23.3	24.5	86	42
	May	34.4	35.4	23.5	24.5	82	45
	June	31.9	30.6	23.1	23.3	80	57
	July	30.6	30.1	22.5	23.2	79	61
	August	31.8	31.3	22.3	22.6	86	55
	September	31.8	31.2	21.9	22.6	85	58
	October	30.8	31.5	21.7	21.7	88	57
	November	29.3	29.8	20.5	22.3	89	59
	December	28.7	29.2	18.9	19.8	88	51
2014	January	29.7	30.1	18.2	24.9	84	42
	February	32.1	32.4	18.9	24.4	29	39
	March	34.4	34.5	20.9	24.3	74	35

Source: Tamil Nadu Agricultural University, Coimbatore

2.2 MONTHLY RAINFALL DATA-SEASON WISE

YEAR: 2013-2014

(In millimetres)

Period (1)	Normal Rainfall (2)	Actual Rainfall (3)
1.South West Monsoon period		
Total	189.8	596.7
June-13	32.9	289.8
July-13	47.2	126.2
August-13	40.6	93.2
September-13	69.1	87.5
2.North East Monsoon period		
Total	328.9	257.9
October-13	151.9	160.4
November -13	129.6	70.6
December-13	47.4	26.9
3.Winter-Period		
Total	20.3	5.1
January-14	8.1	1.2
February-14	12.2	3.9
4.Hot-Weather Period		
Total	150.3	141
March-14	17.2	20.2
April-14	53.4	19.6

May-14	79.7	101.2
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Source: Directorate of Economics and Statistics, Chennai.

2.3. TIME SERIES DATA OF RAINFALL BY SEASONS (LAST 20 YEARS)

YEAR: 2013-2014

S.NO	Year	Hot Weather Season		South West Monsoon		North East Monsoon		Winter Season		Total		Deviation of Percentage
		Normal	Actual	Normal	Actual	Normal	Actual	Normal	Actual	Normal	Actual	
1.	1993-94	158.0	175.1	134.9	511.3	332.1	563.4	28.4	28.6	653.4	1486.4	+833.0
2.	1994-95	135.1	164.4	158.2	754.3	328.2	567.6	25.6	0.1	647.2	956.3	+309.1
3.	1995-96	135.1	177.3	158.2	579.9	328.2	194.1	25.6	0.5	647.2	956.3	+309.1
4.	1996-97	135.1	126.6	158.2	181.4	328.2	340.5	25.6	1.2	647.2	649.7	+2.5
5.	1997-98	135.1	75.0	158.2	167.7	328.2	571.9	25.6	0.6	647.2	890.2	+243.0
6.	1998-99	135.1	69.8	158.2	229.7	328.2	434.8	25.6	16.0	647.2	750.3	+103.1
7.	1999-00	135.1	92.3	158.2	87.1	328.2	504.7	25.6	68.7	647.2	752.6	+105.4
8.	2000-01	135.1	141.9	158.2	339.0	328.2	179.8	25.6	5.0	647.2	665.7	+18.5
9.	2001-02	135.1	66.20	158.3	152.4	328.2	327.0	25.6	6.1	647.2	551.8	-14.74
10.	2002-03	135.1	69.6	158.3	78.6	328.2	62.8	25.6	17.6	647.2	228.6	-64.67
11.	2003-04	148.4	202	192.9	90.1	327	205.4	26.1	16.7	694.4	514..2	-25.9
12.	2004-05	148.4	294.7	192.9	233.3	327.0	260.2	26.1	26.6	694.4	814.8	17.3
13.	2005-06	148.4	162.1	192.9	177.6	327.0	505.7	26.1	17.7	694.4	863.1	24.3
14.	2006-07	148.4	128.4	192.9	141.5	327.0	444.3	26.1	11.1	694.4	725.3	4.4
15.	2007-08	148.4	190.8	192.9	204.3	327.0	378.0	26.1	25.0	694.4	798.1	14.9
16.	2008-09	148.4	157.3	192.9	695	327.0	312.2	26.1	1.3	694.4	1165.8	67.89
17.	2009-10	150.2	101.5	192.9	765.4	327	306.1	26.1	4.8	696.2	1177.8	69.2
18.	2010-11	150.3	194.6	233.1	188.0	341.9	437.0	20.3	82.9	745.6	902.5	21.0

19.	2011-12	168.0	140.4	189.8	252.9	328.9	410.7	20.3	2.6	707.0	806.6	14.1
20.	2012-13	150.3	121.2	189.8	162.4	320.9	278.5	20.3	57.8	689.3	619.9	-11.2
21.	2013-14	150.3	141	189.8	596.7	328.9	257.9	20.3	5.1	689.3	1000.7	45.2

Source: Directorate of Economics and Statistics, Chennai.



