

3. CLIMATE AND RAINFALL

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3. CLIMATE AND RAINFALL

3.1 TEMPERATURE AT SELECT STATIONS IN TAMIL NADU 2014-15 (in Celsius)

Station: NUNGAMBAKKAM (Chennai North)

<i>Year and Month</i>		<i>Maximum</i>		<i>Minimum</i>		<i>Humidity in %</i>	
		<i>Highest</i>	<i>Mean</i>	<i>Lowest</i>	<i>Mean</i>	<i>8.30 Hours</i>	<i>17.30 Hours</i>
2014	June	41.8	38.6	23.0	29.2	64	66
	July	39.2	36.4	23.6	28.0	70	65
	August	38.5	34.6	22.9	26.6	78	74
	September	36.7	34.3	23.7	26.3	77	75
	October	36.2	32.3	23.4	25.7	82	80
	November	32.5	30.3	21.3	23.8	82	77
	December	31.8	29.2	21.0	23.4	83	76
2015	January	31.3	29.8	19.0	22.2	83	73
	February	33.1	30.9	20.8	22.3	81	71
	March	35.1	32.9	23.2	25.2	74	67
	April	36.8	34.6	23.5	27.2	72	69
	May	42.2	36.6	25.6	28.7	69	69

Station: MEENAMBAKKAM (PBO Chennai)

<i>Year and Month</i>		<i>Maximum</i>		<i>Mean Minimum</i>		<i>Humidity in %</i>	
		<i>Highest</i>	<i>Mean</i>	<i>Lowest</i>	<i>Mean</i>	<i>8.30 Hours</i>	<i>17.30 Hours</i>
2014	June	41.8	38.7	23.0	28.0	60	57
	July	39.1	36.4	22.4	26.9	63	53
	August	38.7	34.9	22.2	25.5	70	62
	September	36.5	33.9	22.1	25.1	76	67
	October	37.5	32.4	22.5	24.7	80	75
	November	32.8	30.2	20.5	23.0	80	72
	December	31.4	28.9	19.9	22.3	83	73
2015	January	30.9	29.5	17.9	20.7	82	64
	February	33.4	31.1	19.6	20.9	78	60
	March	36.3	33.4	21.1	23.7	73	63
	April	38.0	34.9	22.0	25.7	71	65
	May	42.4	36.7	24.4	27.1	69	65

**3.1 TEMPERATURE AT SELECT STATIONS
IN TAMIL NADU 2014-15 (in Celsius) (Contd.)**

Station: SALEM

<i>Year and Month</i>		<i>Maximum</i>		<i>Minimum</i>		<i>Humidity in %</i>	
		<i>Highest</i>	<i>Mean</i>	<i>Lowest</i>	<i>Mean</i>	<i>8.30 Hours</i>	<i>17.30 Hours</i>
2014	June	38.7	36.1	21.3	23.7	72	46
	July	37.0	34.2	22.0	23.1	69	45
	August	35.4	32.9	20.5	22.5	75	56
	September	37.0	34.3	20.1	22.5	72	50
	October	35.1	31.9	20.0	21.5	81	66
	November	32.5	30.2	16.6	20.0	76	59
	December	33.6	30.6	16.5	19.8	74	55
2015	January	34.2	31.7	16.2	18.7	78	48
	February	36.2	34.1	17.0	18.7	76	40
	March	40.6	36.5	19.5	22.9	71	34
	April	39.5	36.2	19.6	24.8	74	46
	May	37.8	34.7	22.1	25.4	75	61

Station: KOVILANKULAM (ARUPPUKOTTAI)

<i>Year and Month</i>		<i>Maximum</i>		<i>Minimum</i>		<i>Humidity in %</i>	
		<i>Highest</i>	<i>Mean</i>	<i>Lowest</i>	<i>Mean</i>	<i>8.30 Hours</i>	<i>17.30 Hours</i>
2014	June	40.0	39.0	25.0	26.0	69	58
	July	39.5	38.0	22.0	25.0	65	55
	August	39.5	37.0	23.0	25.0	69	61
	September	39.0	37.0	23.0	25.0	70	61
	October	37.0	33.0	22.0	23.5	84	71
	November	34.0	30.0	19.5	22.0	88	69
	December	33.0	30.0	17.0	21.0	85	68
2015	January	34.0	32.4	15.3	19.5	80	58
	February	37.0	35.0	16.8	20.0	74	58
	March	38.5	38.0	19.8	23.0	72	60
	April	39.5	37.0	21.5	24.0	76	63
	May	40.0	37.0	21.3	25.0	71	63

**3.1 TEMPERATURE16.0AT SELECT STATIONS
IN TAMIL NADU 2014-2015 (in Celsius) (Contd.)**

Station: AMS TIRUCHIRAPPALLI

<i>Year and Month</i>		<i>Maximum</i>		<i>Minimum</i>		<i>Humidity in %</i>	
		<i>Highest</i>	<i>Mean</i>	<i>Lowest</i>	<i>Mean</i>	<i>8.30 Hours</i>	<i>17.30 Hours</i>
2014	June	41.5	39.0	25.3	26.5	60	38
	July	40.0	37.5	25.1	26.7	57	39
	August	39.1	36.9	22.3	25.4	67	48
	September	39.2	37.1	23.9	25.4	65	46
	October	37.9	33.6	22.4	24.8	79	63
	November	33.9	30.1	21.4	23.3	84	72
	December	32.7	29.5	19.0	22.2	83	72
2015	January	33.1	31.3	17.8	21.1	80	52
	February	36.1	33.2	19.4	21.5	76	38
	March	39.1	36.2	21.4	24.1	74	36
	April	41.3	36.9	21.0	25.7	74	45
	May	39.7	36.4	22.1	26.5	74	58

Station: KODAIKANAL

<i>Year and Month</i>		<i>Maximum</i>		<i>Minimum</i>		<i>Humidity in %</i>	
		<i>Highest</i>	<i>Mean</i>	<i>Lowest</i>	<i>Mean</i>	<i>8.30 Hours</i>	<i>17.30 Hours</i>
2014	June	22.7	20.4	11.7	13.3	72	86
	July	19.9	17.7	11.5	12.2	82	90
	August	21.6	18.3	10.4	12.1	84	92
	September	20.9	18.6	10.8	11.9	82	91
	October	19.4	17.2	7.9	10.4	88	95
	November	21.1	15.9	7.9	10.4	88	91
	December	21.0	16.6	8.2	10.7	77	84
2015	January	20.2	17.7	6.9	9.0	68	84
	February	20.6	18.3	6.2	9.2	62	74
	March	21.1	18.8	8.6	10.9	64	81
	April	21.6	19.1	10.4	12.1	74	89
	May	23.7	20.0	12.1	13.9	75	88

**3.1 TEMPERATURE AT SELECT STATIONS
IN TAMIL NADU 2014-15 (in Celsius) (Concl.)**

Station: AMS-MADURAI

<i>Year and Month</i>		<i>Maximum</i>		<i>Minimum</i>		<i>Humidity in %</i>	
		<i>Highest</i>	<i>Mean</i>	<i>Lowest</i>	<i>Mean</i>	<i>8.30 Hours</i>	<i>17.30 Hours</i>
2014	June	40.2	39.0	25.2	27.2	56	45
	July	40.0	38.1	24.9	27.0	54	43
	August	40.2	36.4	23.4	25.7	64	53
	September	39.0	36.4	23.8	25.1	65	51
	October	36.9	32.6	22.5	24.4	78	71
	November	34.2	30.6	21.4	23.3	81	72
	December	33.8	30.3	20.2	22.7	77	69
2015	January	33.6	31.8	17.9	21.3	75	53
	February	36.0	33.9	19.8	21.7	69	42
	March	38.2	36.2	21.7	24.2	68	40
	April	39.4	36.4	21.1	25.0	72	53
	May	39.0	36.0	23.0	25.4	74	61

Station: KANNIYAKUMARI

<i>Year and Month</i>		<i>Maximum</i>		<i>Minimum</i>		<i>Humidity in %</i>	
		<i>Highest</i>	<i>Mean</i>	<i>Lowest</i>	<i>Mean</i>	<i>8.30 Hours</i>	<i>17.30 Hours</i>
2014	June	35.1	32.2	23.0	25.2	81	79
	July	34.1	31.4	23.2	24.5	82	79
	August	33.4	31.2	22.1	24.2	80	80
	September	34.6	31.1	22.9	24.2	81	81
	October	33.6	31.4	22.2	24.2	82	83
	November	32.6	30.3	20.9	23.3	82	81
	December	32.5	30.2	21.0	23.4	76	74
2015	January	32.5	31.6	20.7	23.0	75	73
	February	33.5	32.2	21.5	23.2	67	68
	March	34.8	33.1	23.0	24.4	70	70
	April	34.5	33.0	22.2	24.9	77	77
	May	35.6	32.4	22.6	25.3	82	73

Source: Regional Meteorological Centre, Chennai-6

3.1 TEMPERATUORE AT SELECT STATIONS IN TAMIL NADU 2015-16
 (in Celsius)

Station: NUNGAMBAKKAM (Chennai North)

<i>Year and Month</i>		<i>Maximum</i>		<i>Minimum</i>		<i>Humidity in %</i>	
		<i>Highest</i>	<i>Mean</i>	<i>Lowest</i>	<i>Mean</i>	<i>8.30 Hours</i>	<i>17.30 Hours</i>
2015	June	39.6	36.9	24.6	22.8	66	65
	July	41.0	38.2	23.9	26.6	70	70
	August	37.6	35.4	23.1	26.9	77	71
	September	36.9	34.9	23.5	27.4	77	75
	October	35.7	33.2	24.3	25.4	83	78
	November	32.6	29.8	22.4	24.5	91	87
	December	32.4	30.1	21.5	23.5	86	78
	January	31.3	30.4	20.4	21.7	79	65
	February	33.4	32.1	21.0	23.9	78	67
	March	36.1	33.6	24.1	26.0	79	72
2016	April	40.8	35.6	26.0	28.5	73	69
	May	40.8	36.6	25.0	28.9	69	67

Station: MEENAMBAKKAM (PBO Chennai)

<i>Year and Month</i>		<i>Maximum</i>		<i>Mean Minimum</i>		<i>Humidity in %</i>	
		<i>Highest</i>	<i>Mean</i>	<i>Lowest</i>	<i>Mean</i>	<i>8.30 Hours</i>	<i>17.30 Hours</i>
2015	June	40.2	36.8	23.8	26.5	63	58
	July	40.4	37.9	23.0	26.0	62	58
	August	37.3	35.1	21.6	25	74	64
	September	37.1	35.2	22.2	25.7	70	63
	October	36.0	33.3	22.0	26.0	95	92
	November	32.5	29.7	21.2	22.8	87	83
	December	32.9	30.0	19.5	21.8	84	73
	January	31.2	30.6	18.7	20.8	79	61
	February	34.4	32.5	19.7	22.1	78	62
	March	38.4	34.4	22.5	24.1	74	62
2016	April	41.8	37.2	24.2	26.5	71	62
	May	41.2	37.3	23.2	27.1	65	60

**3.1 TEMPERATURE AT SELECT STATIONS
IN TAMIL NADU 2015-16 (in Celsius) (Contd.)**

Station: SALEM

<i>Year and Month</i>		<i>Maximum</i>		<i>Minimum</i>		<i>Humidity in %</i>	
		<i>Highest</i>	<i>Mean</i>	<i>Lowest</i>	<i>Mean</i>	<i>8.30 Hours</i>	<i>17.30 Hours</i>
2015	June	36.6	34.7	23.0	25.0	79	56
	July	38.6	36.0	23.9	25.2	75	49
	August	38.5	35.2	22.1	25.4	73	51
	September	37.6	35.3	22.6	24.8	72	51
	October	34.5	33.2	22.0	24.0	77	60
	November	33.0	29.6	20.4	22.9	83	73
	December	32.8	30.5	19.0	21.7	81	59
2016	January	34.6	32.0	17.0	20.3	73	46
	February	38.0	34.9	17.8	21.7	72	37
	March	41.2	37.9	21.6	24.4	73	34
	April	41.8	39.9	25.8	27.8	65	32
	May	41.3	37.6	22.1	26.2	70	49

Station: KOVILANKULAM (ARUPPUKOTTAI)

<i>Year and Month</i>		<i>Maximum</i>		<i>Minimum</i>		<i>Humidity in %</i>	
		<i>Highest</i>	<i>Mean</i>	<i>Lowest</i>	<i>Mean</i>	<i>8.30 Hours</i>	<i>17.30 Hours</i>
2015	June	40.0	37.0	24.3	26.0	71	60
	July	39.5	38.0	21.8	25.0	71	61
	August	39.5	37.0	22.8	25.0	73	63
	September	39.0	37.0	21.8	25.0	74	58
	October	38.5	34.2	22.3	24.1	80	65
	November	34.0	30.6	20.8	23.0	88	72
	December	32.5	30.5	17.8	22.1	88	71
2016	January	33.5	31.8	15.5	20.0	81	61
	February	37.0	34.7	17.0	21.9	81	57
	March	40.0	37.6	21.5	24.0	74	58
	April	42.5	39.6	24.0	25.8	73	60
	May	41.0	38.1	23.0	25.5	73	61

**3.1 TEMPERATURE AT SELECT STATIONS
IN TAMIL NADU 2015-16 (in Celsius) (Contd.)**

Station: AMS TIRUCHIRAPPALLI

<i>Year and Month</i>		<i>Maximum</i>		<i>Minimum</i>		<i>Humidity in %</i>		
		<i>Highest</i>	<i>Mean</i>	<i>Lowest</i>	<i>Mean</i>	<i>8.30 Hours</i>	<i>17.30 Hours</i>	
2015	June	38.9	36.5	22.4	26.1	68	48	
	July	40.1	38.6	24.8	27.0	59	38	
	August	40.1	37.2	23.4	26.3	66	42	
	September	39.3	37.2	22.2	25.9	67	47	
	October	35.9	33.2	22.4	24.5	81	69	
	November	33.5	29.7	21.0	23.5	88	82	
	December	31.6	29.7	20.4	22.7	88	75	
	2016	January	33.0	31.1	18.8	21.1	79	54
	February	35.4	33.7	19.0	22.5	77	42	
	March	40.1	36.8	23.0	24.9	74	36	
	April	42.4	39.8	26.2	27.9	67	36	
	May	41.1	37.7	23.0	26.9	68	47	

Station: KODAIKANAL

<i>Year and Month</i>		<i>Maximum</i>		<i>Minimum</i>		<i>Humidity in %</i>		
		<i>Highest</i>	<i>Mean</i>	<i>Lowest</i>	<i>Mean</i>	<i>8.30 Hours</i>	<i>17.30 Hours</i>	
2015	June	21.8	18.6	11.1	12.8	79	92	
	July	20.6	18.7	11.3	12.6	76	93	
	August	20.6	18.5	11.3	12.5	83	94	
	September	20.7	18.8	10.9	12.6	86	93	
	October	21.1	17.9	10.0	11.5	83	94	
	November	19.0	16.1	8.1	11.2	92	98	
	December	19.6	16.1	6.8	10.8	86	91	
	2016	January	21.9	18.1	8.3	10.1	63	82
	February	22.6	19.4	7.1	10.4	60	83	
	March	23.8	21.9	10.3	12.3	40	82	
	April	23.7	21.8	11.5	13.6	59	81	
	May	23.5	20.3	11.6	11.5	73	91	

**3.1 TEMPERATURE AT SELECT STATIONS
IN TAMIL NADU 2015-16 (in Celsius) (Concl.)**

Station: AMS-MADURAI

<i>Year and Month</i>		<i>Maximum</i>		<i>Minimum</i>		<i>Humidity in %</i>	
		<i>Highest</i>	<i>Mean</i>	<i>Lowest</i>	<i>Mean</i>	<i>8.30 Hours</i>	<i>17.30 Hours</i>
2015	June	39.0	36.5	22.7	25.6	67	53
	July	40.8	38.6	23.1	25.4	59	47
	August	40.0	37.8	24.2	25.4	52	47
	September	40.0	37.4	22.5	25.1	64	54
	October	36.8	33.8	23.2	24.4	71	63
	November	33.4	31.0	21.1	23.6	82	75
	December	31.9	30.3	20.2	22.7	78	73
2016	January	33.5	31.7	19.0	21.6	72	53
	February	36.4	34.4	19.9	23.1	70	41
	March	40.6	37.5	23.3	24.7	65	34
	April	42.3	39.4	24.6	27.3	62	41
	May	41.0	38.2	24.0	26.4	67	55

Station: KANNIYAKUMARI

<i>Year and Month</i>		<i>Maximum</i>		<i>Minimum</i>		<i>Humidity in %</i>	
		<i>Highest</i>	<i>Mean</i>	<i>Lowest</i>	<i>Mean</i>	<i>8.30 Hours</i>	<i>17.30 Hours</i>
2015	June	34.1	31.3	21.4	24.3	85	85
	July	34.3	31.3	22.4	23.9	86	88
	August	35.1	32.2	23.4	24.3	83	87
	September	34.7	31.1	21.2	23.9	85	85
	October	32.9	31.3	22.0	23.5	84	84
	November	33.5	31.0	21.9	23.3	84	83
	December	32.4	30.5	21.3	23.1	80	77
2016	January	33.4	32.0	21.9	23.4	71	68
	February	34.6	33.1	22.0	23.6	76	74
	March	35.6	34.0	24.4	25.2	74	75
	April	36.2	34.7	24.8	26.9	73	75
	May	36.1	33.4	22.9	26.3	79	81

Source: Regional Meteorological Centre, Chennai-6

3 .2 DISTRIBUTION OF DISTRICTS BY RANGE OF RAINFALL 2015-16

<i>Range of Rainfall</i>	<i>Distribution of districts by range of rainfall</i>	
	<i>Normal Rainfall expected</i>	<i>Actual Rainfall occurred</i>
Below 800 mm	Namakkal, Coimbatore, Tiruppur, Erode, Karur, Theni and Thoothukkudi	Tiruchirappalli, Namakkal, Karur Virudhunagar, Tiruppur, Coimbatore, Erode, Madurai, and Thoothukkudi.
801 mm to 1000 mm	Vellore, Salem, Dharmapuri, Krishnagiri, Tiruchirappalli, Perambalur, Madurai, Dindigul, Ramanathapuram, Virudhunagar, Sivagangai and Tirunelveli.	Dharmapuri, Krishnagiri, Pudukkottai, Ramanathapuram, Salem, Theni, and Dindigul.
1001 mm to 1200 mm	Thiruvallur, Cuddalore, Villupuram, Thiruvannamalai, Thanjavur, Thiruvarur and Ariyalur, and Kanniakumari.	and Sivagangai. Thiruvannamalai, Perambalur, Thanjavur, and Ariyalur.
1201 mm to 1400 mm	Chennai, Kancheepuram, Nagapattinam and, Pudukkottai.	Tirunelveli. Villupuram, VELLOR, and The Nilgiris.
1401 mm to 1800 mm	The Nilgiris	Kanniakumari ,Cuddalore, Thiruvarur, Nagapattinam.
1801 mm and above	--	The Nilgiris, Chennai, Kancheepuram, Thiruvallur

Source: Regional Meteorological Centre, Chennai-6

3.3 RAINFALL BY DISTRICTS 2015-16

(in mm)

<i>District</i>	<i>South West Monsoon (June '15 to September '15)</i>		<i>North East Monsoon (October '15 to December '15)</i>	
	<i>Actual</i>	<i>Normal</i>	<i>Actual</i>	<i>Normal</i>
<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>	<i>5</i>
1. Chennai	369.9	439.1	1662.6	900.8
2. Kancheepuram	345.1	490.8	1815.0	734.6
3. Thiruvallur	455.2	451.6	1466.7	683.3
4. Cuddalore	290.3	383.0	590.3	735.6
5. Villupuram	288.6	408.3	918.1	568.1
6. Vellore	444.8	466.0	747.7	453.6
7. Tiruvannamalai	474.1	468.1	626.4	570.8
8. Salem	348.3	440.6	388.0	505.6
9. Namakkal	298.8	339.3	308.4	412.4
10. Dharmapuri	341.5	393.4	450.0	464.3
11. Krishnagiri	359.1	399.0	442.5	431.7
12. Tiruppur	155.6	154.8	451.2	542.0
13. Coimbatore	309.4	189.8	341.1	433.4
14. Erode	227.6	229.8	390.4	428.3
15. Tiruchirappalli	197.0	293.9	440.8	486.3
16. Karur	184.8	213.6	330.5	408.5
17. Perambalur	263.2	390.0	681.2	592.0
18. Pudukkottai	341.8	290.7	525.9	537.0
19. Thanjavur	227.5	350.6	673.6	463.1
20. Thiruvarur	209.6	318.6	693.5	587.1
21. Nagapattinam	218.4	296.4	1022.2	704.6
22. Madurai	186.3	286.1	1378.8	894.1
23. Theni	263.5	335.9	413.2	563.7
24. Dindigul	365.9	158.4	399.4	474.4
25. Ramanathapuram	240.1	295.4	486.0	535.2
26. Virudhunagar	155.9	149.3	572.4	552.0
27. Sivagangai	154.4	196.8	513.5	534.1
28. Tirunelveli	368.2	301.0	460.2	522.7
29. Thoothukkudi	158.8	142.4	1050.6	525.1
30. The Nilgiris	42.0	74.9	664.3	488.0
31. Ariyalur	644.3	763.7	580.8	617.0
32. Kaniyakumari	533.0	477.4	779.5	661.2
State Average	295.7	330.9	695.8	562.8

3.3 RAINFALL BY DISTRICTS 2015-16 (Concl.)

(in mm)

<i>District</i>	<i>Winter Season (January '16 to February '16)</i>		<i>Hot Weather Season (March '16 to May '16)</i>		<i>Annual Total (June '15 to May '16)</i>	
	<i>Actual</i>	<i>Normal</i>	<i>Actual</i>	<i>Normal</i>	<i>Actual</i>	<i>Normal</i>
<i>1</i>	<i>6</i>	<i>7</i>	<i>8</i>	<i>9</i>	<i>10</i>	<i>11</i>
1. Chennai	0.5	36.7	198.1	58.5	2231.1	1324.2
2. Kancheepuram	0.4	29.1	173.2	66.0	2333.7	1227.7
3. Thiruvallur	1.2	31.5	158.6	67.2	2081.7	1139.6
4. Cuddalore	0.8	44.1	97.3	81.7	1628.9	1178.8
5. Villupuram	0.2	28.2	88.7	76.0	1295.6	1011.6
6. Vellore	0.9	14.9	82.0	106.5	1275.4	936.1
7. Tiruvannamalai	9.0	26.5	84.1	98.7	1193.6	1045.9
8. Salem	0.0	16.0	131.2	170.8	867.5	997.9
9. Namakkal	0.0	13.9	90.9	148.6	698.1	793.4
10. Dharmapuri	0.0	18.2	104.6	160.4	895.7	902.0
11. Krishnagiri	0.2	10.7	143.6	151.6	945.7	850.7
12. Tiruppur	0.0	14.0	125.0	135.1	731.8	681.5
13. Coimbatore	23.0	20.3	118.0	150.3	791.5	689.3
14. Erode	0.0	16.1	59.8	142.4	677.8	702.9
15. Tiruchirappalli	0.0	22.7	130.8	109.4	768.9	818.0
16. Karur	0.0	17.2	134.4	109.2	649.7	655.1
17. Perambalur	0.0	32.5	89.4	101.8	1036.2	861.9
18. Pudukkottai	0.0	21.4	168.5	108.9	978.8	1355.7
19. Thanjavur	0.0	33.1	77.7	97.5	1034.8	1013.4
20. Thiruvarur	0.0	42.3	131.7	102.1	1428.0	1173.4
21. Nagapattinam	0.0	60.1	187.7	97.7	1732.9	1393.4
22. Madurai	0.8	85.7	166.4	80.5	747.2	927.9
23. Theni	0.0	28.1	70.2	144.8	858.8	684.6
24. Dindigul	3.0	35.4	90.5	168.3	835.0	930.7
25. Ramanathapuram	0.9	30.9	108.0	168.0	824.2	807.8
26. Virudhunagar	3.6	51.3	92.3	115.5	753.3	820.3
27. Sivagangai	3.0	42.8	82.4	161.7	1000.1	862.8
28. Tirunelveli	0.0	17.9	171.7	121.2	1332.6	845.1
29. Thoothukkudi	12.1	69.3	111.1	166.2	777.2	656.3
30. The Nilgiris	3.4	42.8	49.5	111.6	1357.7	1542.3
31. Ariyalur	12.4	49.3	120.2	235.3	1033.8	1071.8
32. Kanniyakumari	17.1	40.4	316.8	288.3	1646.1	1198.2
State Average	2.9	32.77	123.6	128.2	1138.8	971.8

Source: India Meteorological Department, Chennai-600 006

3.4 TIME SERIES DATA – RAINFALL BY SEASONS IN TAMIL NADU

(in mm)

<i>Year</i>	<i>South West Monsoon</i>		<i>North East Monsoon</i>		<i>Winter Season</i>	
	<i>Normal</i>	<i>Actual</i>	<i>Normal</i>	<i>Actual</i>	<i>Normal</i>	<i>Actual</i>
<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>	<i>5</i>	<i>6</i>	<i>7</i>
2001-02	322.8	260.0	470.3	379.4	47.3	70.0
2002-03	329.5	185.4	468.1	407.1	36.8	8.7
2003-04	331.5	336.5	464.6	403.1	37.4	12.0
2004-05	331.5	360.7	464.6	472.1	37.4	14.3
2005-06	332.9	308.5	459.2	828.8	36.8	15.9
2006-07	316.1	250.9	431.1	497.5	35.3	10.9
2007-08	316.1	341.6	431.1	515.4	35.3	46.6
2008-09	316.1	333.5	431.1	552.7	35.3	7.7
2009-10	316.0	317.0	431.1	482.6	35.3	11.5
2010-11	319.2	383.6	430.3	605.2	31.3	36.3
2012-12	321.2	300.5	441.2	540.8	31.3	9.5
2012-13	321.3	245.9	440.4	370.5	31.3	34.5
2013-14	321.2	325.4	440.4	294.3	31.3	13.8
2014-15	321.2	305.5	440.4	430.3	31.3	10.9
2015-16	330.9	295.7	562.8	695.8	32.7	2.9

(in mm)

<i>Year</i>	<i>Hot Weather Season</i>		<i>Total</i>		<i>% Devia-tion from Normal</i>
	<i>Normal</i>	<i>Actual</i>	<i>Normal</i>	<i>Actual</i>	
<i>1</i>	<i>8</i>	<i>9</i>	<i>10</i>	<i>11</i>	<i>12</i>
2001-02	134.2	85.8	974.6	795.2	-18.4
2002-03	129.8	129.8	964.1	731.0	-24.2
2003-04	128.4	283.4	961.8	1034.6	7.6
2004-05	128.4	231.7	961.9	1078.9	12.2
2005-06	129.6	150.9	958.5	1304.1	36.1
2006-07	129.1	100.4	911.6	859.7	-5.7
2007-08	129.1	261.2	911.6	1164.8	27.8
2008-09	129.1	129.2	911.6	1023.1	12.2
2009-10	129.1	126.7	911.6	937.8	2.9
2010-11	127.8	140.0	908.6	1165.1	28.2
2012-12	127.9	86.3	921.6	937.1	1.7
2012-13	128.0	92.2	921.0	743.1	-19.3
2013-14	128.0	157.1	920.9	790.6	-14.1
2014-15	128.0	241.2	920.9	987.9	7.27
2015-16	128.2	123.6	971.8	1138.8	17.2

Source: India Meteorological Department, Chennai-600 006

Rainfall By Seasons In Tamilnadu 2015-16



