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**3. CLIMATE AND RAINFALL****3.1 TEMPERATURE 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
2016	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
	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	25.0	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
2016	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
	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'd.)**

**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*

### 3.1 TEMPERATUORE AT SELECT STATIONS IN TAMIL NADU 2016-17 (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>
2016	June	39.1	35.5	23.7	27.5	73	68
	July	37.6	35.1	24.4	27.4	75	68
	August	38.2	36.1	24.9	27.8	64	60
	September	36.6	34.1	23.6	26.6	76	68
	October	36.9	34.5	23.5	26.0	71	65
	November	34.7	31.7	20.4	23.6	77	68
2017	December	31.4	30.0	19.6	22.5	80	70
	January	31.3	30.2	20.3	22.7	80	67
	February	33.1	31.1	20.0	22.3	76	61
	March	35.1	33.1	22.0	26.2	75	68
	April	39.7	35.4	26.3	28.3	73	71
	May	42.6	37.6	27.5	29.5	62	60

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>
2016	June	39.4	35.7	25.6	26.1	69	63
	July	37.7	35.0	23.1	25.0	69	61
	August	38.4	36.4	23.3	26.4	65	59
	September	36.5	34.0	22.6	24.9	74	67
	October	36.8	34.7	22.0	24.7	70	60
	November	34.8	32.0	22.2	26.6	74	65
2017	December	31.3	29.8	18.5	20.8	80	67
	January	32.0	30.4	18.4	20.9	78	62
	February	35.5	31.8	18.4	20.4	75	57
	March	36.9	34.3	20.1	24.3	75	65
	April	42.2	37.5	24.5	26.4	73	68
	May	43..6	39.0	25.0	27.9	63	59

**3.1 TEMPERATURE AT SELECT STATIONS  
IN TAMIL NADU 2016-17 (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>
2016	June	39.0	35.3	23.8	26.4	76	66
	July	38.0	35.0	24.7	25.8	78	70
	August	38.5	36.1	23.3	25.8	75	68
	September	36.6	34.4	23.4	25.2	80	74
	October	36.6	33.6	22.4	25.0	81	71
	November	34.0	31.0	19.4	22.8	87	74
	December	31.0	29.2	18.3	21.7	88	74
2017	January	34.7	32.6	18.9	21.0	70	41
	February	39.8	35.2	19.0	20.6	69	29
	March	39.6	37.0	20.6	24.5	70	36
	April	41.0	39.7	24.6	27.1	64	31
	May	40.0	37.3	22.5	25.9	68	45

**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>
2016	June	*	*	*	*	*	*
	July	40.0	36.9	23.0	25.4	74	61
	August	39.0	36.6	24.0	25.2	71	59
	September	38.0	36.6	21.5	24.2	76	55
	October	39.5	35.7	22.5	24.1	82	62
	November	35.5	33.1	19.0	22.8	81	68
	December	35.0	31.8	19.0	21.5	82	70
2017	January	*	*	*	*	*	*
	February	*	*	*	*	*	*
	March	*	*	*	*	*	*
	April	*	*	*	*	*	*
	May	*	*	*	*	*	*

\* Statement Not Received

**3.1 TEMPERATURE AT SELECT STATIONS  
IN TAMIL NADU 2016-17 (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>
2016	June	38.5	36.2	24.0	26.8	64	51
	July	38.8	36.1	22.6	26.3	64	43
	August	38.4	36.5	24.2	26.3	63	41
	September	38.1	36.3	24.4	26.0	62	43
	October	38.6	35.2	23.6	25.1	70	48
	November	34.9	32.6	20.4	23.4	71	54
	December	34.3	31.4	19.2	22.1	77	54
2017	January	33.7	31.5	19.0	21.4	76	51
	February	37.5	33.5	18.2	20.5	73	35
	March	38.2	36.3	21.4	24.6	74	45
	April	42.0	40.3	25.2	27.4	64	32
	May	42.1	39.2	23.0	27.5	62	38

**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>
2016	June	20.6	18.0	11.0	12.7	82	90
	July	19.6	17.6	11.3	12.3	87	92
	August	20.2	18.3	11.1	12.1	84	92
	September	20.6	18.1	10.3	11.7	80	88
	October	21.5	17.6	8.7	11.8	87	92
	November	21.5	17.9	8.8	10.2	73	85
	December	21.5	16.9	5.9	9.4	64	85
2017	January	20.1	16.4	6.3	8.2	70	85
	February	20.5	18.4	6.8	9.3	47	70
	March	20.8	18.5	30.4	11.6	70	80
	April	22.7	21.6	12.2	11.7	50	74
	May	23.1	20.9	10.6	13.5	77	91



**3.1 TEMPERATURE AT SELECT STATIONS  
IN TAMIL NADU 2016-17 (in Celsius) (Concl'd.)**

**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>
2016	June	40.2	37.7	24.7	24.2	59	50
	July	40.4	36.9	22.4	26.1	59	50
	August	39.0	37.1	23.8	25.7	61	49
	September	39.1	36.9	22.6	24.9	61	49
	October	39.0	36.1	23.2	24.8	63	50
	November	35.4	33.1	19.6	23.3	70	55
	December	34.8	31.8	19.5	21.9	71	54
2017	January	34.2	31.8	18.6	21.3	71	50
	February	37.4	33.6	17.7	20.2	70	37
	March	38.2	35.9	21.6	23.9	71	51
	April	41.4	40.0	23.5	26.7	62	37
	May	41.4	39.3	23.2	26.6	61	47

**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>
2016	June	33.4	30.5	22.6	24.3	83	84
	July	34.4	31.5	22.8	24.4	82	78
	August	34.6	32.4	23.0	24.6	76	77
	September	33.8	31.1	22.5	24.1	77	83
	October	33.1	31.4	23.2	24.5	73	79
	November	33.4	31.1	22.1	24.1	79	79
	December	33.9	32.1	22.6	24.1	79	78
2017	January	33.7	32.0	22.0	23.6	71	63
	February	33.9	32.5	22.0	23.4	67	62
	March	34.6	33.0	22.7	25.2	71	73
	April	36.1	34.0	25.0	26.4	70	79
	May	34.6	33.0	22.9	26.1	75	77

*Source: Regional Meteorological Centre, Chennai-6*

**3.2 DISTRIBUTION OF DISTRICTS BY RANGE OF RAINFALL 2015-16***Distribution of districts by range of rainfall*

<i>Range of Rainfall</i>	<i>Normal Rainfall expected</i>	<i>Actual Rainfall occurred</i>
Below 800 mm	Thiruvallur, Vellore, Salem, Dharmapuri, Krishnagiri, Tiruchirappalli, Perambalur, Madurai, Dindigul, Ramanathapuram, Virudhunagar, Sivagangai, Tirunelveli. Cuddalore, Villupuram, Thiruvannamalai, Thanjavur, Thiruvarur and Ariyalur, and Kanniyakumari, Nagapattinam and, Pudukkottai, The Nilgiris ..	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 Kanniyakumari.	Sivagangai, Thiruvannamalai, Perambalur, Thanjavur, and Ariyalur.
1201 mm to 1400 mm	Chennai, Kancheepuram, Nagapattinam and, Pudukkottai.	Tirunelveli. Villupuram, Vellore and The Nilgiris.
1401 mm to 1800 mm	The Nilgiris	Kanniyakumari, Cuddalore, Thiruvarur, Nagapattinam.
1801 mm and above	--	The Nilgiris, Chennai, Kancheepuram, Thiruvallur

*Source: Regional Meteorological Centre, Chennai-6*

## 3.3 RAINFALL BY DISTRICTS 2016-17

(in mm)

<i>District</i>	<i>South West Monsoon (June '16 to September '16)</i>		<i>North East Monsoon (October '16 to December '16)</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	495.9	439.1	342.1	789.9
2. Kancheepuram	482.1	490.8	334.7	641.8
3. Thiruvallur	406.2	451.6	247.7	589.3
4. Cuddalore	346.0	383.1	130.4	697.8
5. Villupuram	329.6	408.3	175.3	499.1
6. Vellore	420.0	466.1	178.0	348.7
7. Tiruvannamalai	419.0	468.1	172.5	446.5
8. Salem	346.0	440.6	100.3	370.5
9. Namakkal	239.8	339.3	57.5	291.6
10. Dharmapuri	269.2	393.4	99.4	330.1
11. Krishnagiri	326.8	399.0	120.1	289.4
12. Tiruppur	81.1	154.8	205.2	314.3
13. Coimbatore	222.6	189.8	142.0	328.9
14. Erode	174.4	229.8	74.9	314.6
15. Tiruchirappalli	211.0	293.9	132.7	391.5
16. Karur	125.0	213.6	69.3	314.7
17. Perambalur	270.9	290.7	127.2	440.9
18. Pudukkottai	233.8	350.6	159.5	406.2
19. Thanjavur	288.6	318.4	210.3	550.3
20. Thiruvarur	208.0	296.4	250.0	719.1
21. Nagapattinam	245.5	286.1	248.6	941.0
22. Madurai	211.7	335.9	228.2	419.1
23. Theni	131.9	158.4	140.3	357.9
24. Dindigul	165.6	295.4	227.8	436.4
25. Ramanathapuram	100.7	149.3	191.3	491.7
26. Virudhunagar	116.6	196.8	173.3	419.0
27. Sivagangai	380.1	301.0	159.1	422.7
28. Tirunelveli	102.4	142.4	186.4	467.2
29. Thoothukkudi	18.6	74.9	158.8	427.0
30. The Nilgiris	512.7	759.9	243.2	478.2
31. Ariyalur	318.8	392.0	128.5	545.5
32. Kanniyakumari	305.3	477.4	154.5	496.4
<b>State Average</b>	<b>265.8</b>	<b>330.8</b>	<b>174.0</b>	<b>468.0</b>

## 3.3 RAINFALL BY DISTRICTS 2016-17 (Concl'd.)

(in mm)

District	Winter Season (January '17TO and February '17)		Hot Weather Season (March '17 to May '17)		Annual Total (June '16 to May '17)	
	Actual	Normal	Actual	Normal	Actual	Normal
1	6	7	8	9	10	11
1. Chennai	4.5	36.7	1.8	58.5	844.3	1324.2
2. Kancheepuram	16.5	29.1	14.3	66.0	847.6	1227.7
3. Thiruvallur	6.0	31.5	15.8	67.2	675.7	1139.6
4. Cuddalore	114.3	44.1	23.4	81.7	614.1	1206.7
5. Villupuram	40.2	28.2	49.8	76.0	594.9	1011.6
6. Vellore	23.1	14.9	106.8	106.5	727.9	936.2
7. Tiruvannamalai	47.0	26.5	57.5	98.9	696.0	1040.0
8. Salem	12.2	16.0	167.9	170.8	626.4	997.9
9. Namakkal	6.3	13.9	141.7	148.6	445.3	793.4
10. Dharmapuri	8.4	18.2	240.9	160.4	617.9	902.1
11. Krishnagiri	5.7	10.7	285.2	151.6	737.8	850.7
12. Tiruppur	7.6	14.0	106.2	135.1	400.1	618.2
13. Coimbatore	10.4	20.3	170.5	150.3	545.5	689.3
14. Erode	10.8	16.1	258.4	142.4	518.5	702.9
15. Tiruchirappalli	24.7	22.7	107.8	109.9	476.2	818.0
16. Karur	17.2	17.5	127.8	109.2	339.3	655.0
17. Perambalur	24.3	21.4	122.2	108.9	544.6	861.9
18. Pudukkottai	55.2	33.1	54.4	97.5	502.9	887.4
19. Thanjavur	103.5	42.3	60.4	102.1	662.8	1013.1
20. Thiruvarur	125.1	60.1	30.5	97.7	613.6	1173.3
21. Nagapattinam	146.3	85.7	51.4	80.5	691.8	1393.3
22. Madurai	33.2	28.1	177.3	144.8	650.4	927.9
23. Theni	22.3	35.4	147.0	168.3	441.5	720.0
24. Dindigul	38.9	30.9	151.3	168.0	583.6	930.7
25. Ramanathapuram	67.0	51.3	69.3	115.5	428.3	807.8
26. Virudhunagar	29.4	42.8	144.7	161.5	464.0	820.1
27. Sivagangai	74.6	27.9	107.3	121.2	721.1	872.8
28. Tirunelveli	70.9	69.3	178.0	166.2	537.7	845.1
29. Thoothukkudi	18.8	42.8	36.7	111.6	232.9	656.3
30. The Nilgiris	58.1	49.3	329.2	235.3	1143.2	1522.7
31. Ariyalur	108.3	32.5	43.7	101.8	599.3	1071.8
32. Kanniyakumari	2.1	40.4	152.3	288.3	614.2	1302.5
<b>State Average</b>	<b>41.7</b>	<b>32.9</b>	<b>116.6</b>	<b>127.1</b>	<b>598.1</b>	<b>958.9</b>

Source: India Meteorological Department, Chennai-600 006

## 3.4 TIME SERIES DATA – RAINFALL BY SEASONS IN TAMIL NADU

(in mm)

Year	South West Monsoon		North East Monsoon		Winter Season	
	Normal	Actual	Normal	Actual	Normal	Actual
1	2	3	4	5	6	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
2016-17	330.8	265.8	468.0	174.0	32.9	41.7

(in mm)

Year	Hot Weather Season		Total		% Devia- tion from Normal
	Normal	Actual	Normal	Actual	
1	8	9	10	11	12
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
2016-17	127.1	116.6	958.9	598.1	-37.7

Source: India Meteorological Department, Chennai-600 006

## Rainfall By Seasons In Tamilnadu 2016-17





