

### **3. CLIMATE AND RAINFALL**

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**3. CLIMATE AND RAINFALL****3.1 TEMPERATURE AT SELECT STATIONS IN TAMIL NADU 2021-22**

(in Celsius)

**Station: NUNGAMBAKKAM ( Chennai North )**

<b>Year and Month</b>		<b>Maximum(DEG.C)</b>		<b>Minimum (DEG.C)</b>		<b>Humidity in %</b>	
		<b>Highest</b>	<b>Mean</b>	<b>Lowest</b>	<b>Mean</b>	<b>8.30 Hours</b>	<b>17.30 Hours</b>
2021	June	39.9	36.7	24.4	28.3	67	65
	July	37.2	34.9	23.8	26.7	76	68
	August	36.8	34.7	23.6	26.6	79	72
	September	36.6	34.4	24.0	26.8	82	76
	October	35.9	33.3	24.2	26.3	85	80
	November	32.2	29.0	20.8	24.4	94	88
	December	32.4	30.5	19.2	23.2	84	73
2022	January	32.2	30.1	20.6	23.0	87	74
	February	33.5	28.1	20.4	20.8	72	60
	March	37.6	33.6	22.2	25.6	84	71
	April	36.0	34.9	26.4	28.1	83	77
	May	39.8	36.3	24.7	28.3	78	77

**Station: MEENAMBAKKAM ( PBO Chennai )**

<b>Year and Month</b>		<b>Maximum</b>		<b>Mean Minimum</b>		<b>Humidity in %</b>	
		<b>Highest</b>	<b>Mean</b>	<b>Lowest</b>	<b>Mean</b>	<b>8.30 Hours</b>	<b>17.30 Hours</b>
2021	June	39.9	37.0	22.5	27.4	70	60
	July	37.0	34.9	23.0	25.6	74	64
	August	36.8	34.5	21.8	25.6	76	64
	September	36.5	34.3	22.8	25.6	77	66
	October	35.6	33.1	23.6	25.5	81	76
	November	32.4	29.0	20.5	23.7	94	88
	December	32.9	30.7	18.4	22.3	86	73
2022	January	32.0	30.2	20.0	22.2	87	70
	February	34.4	31.3	19.7	21.8	79	61
	March	38.0	34.5	21.3	24.7	77	57
	April	37.6	36.1	25.8	27.2	72	63
	May	40.4	37.2	24.1	27.3	69	63

### 3.1 TEMPERATURE AT SELECT STATIONS IN TAMIL NADU 2021-22 (in Celsius) (Contd.)

#### Station: SALEM

Year and Month		Maximum		Minimum		Humidity in %	
		Highest	Mean	Lowest	Mean	8.30 Hours	17.30 Hours
2021	June	38.2	35.4	20.8	24.3	76	52
	July	38.1	33.4	21.6	23.3	82	62
	August	36.8	33.8	21.6	23.5	80	56
	September	36.3	33.4	21.5	23.1	82	62
	October	34.5	32.1	21.0	22.7	86	75
	November	32.4	28.8	19.1	21.4	90	79
	December	32.8	30.6	17.0	19.9	81	58
2022	January	35.2	32.1	18.0	20.4	80	47
	February	36.4	34.2	18.4	20.1	74	38
	March	39.3	36.5	18.0	21.7	68	37
	April	39.5	36.9	20.1	23.8	75	49
	May	39.0	34.9	20.4	23.1	78	55

#### Station: AMS- TIRUCHIRAPPALLI

Year and Month		Maximum		Minimum		Humidity in %	
		Highest	Mean	Lowest	Mean	8.30 Hours	17.30 Hours
2021	June	41.6	37.8	24.0	26.5	65	44
	July	39.7	36.0	22.0	25.9	68	49
	August	39.5	35.5	23.8	25.8	69	52
	September	37.7	35.3	23.0	25.2	73	54
	October	36.8	33.2	23.2	24.8	83	71
	November	33.2	29.4	21.6	23.5	91	81
	December	33.1	30.4	18.1	22.0	87	70
2022	January	36.1	31.9	20.0	22.3	86	60
	February	36.7	33.2	20.0	21.9	79	50
	March	39.9	36.2	19.0	23.7	75	41
	April	40.7	37.7	23.5	26.2	74	48
	May	40.7	37.4	23.0	26.4	67	48

### 3.1 TEMPERATURE AT SELECT STATIONS IN TAMIL NADU 2021-22 (in Celsius) (Contd.)

#### Station: KODAIKANAL

Year and Month		Maximum		Minimum		Humidity in %	
		Highest	Mean	Lowest	Mean	8.30 Hours	17.30 Hours
2021	June	20.5	18.1	10.9	11.8	81	92
	July	19.9	17.0	9.5	11.5	90	95
	August	18.8	17.0	9.9	11.4	86	95
	September	19.1	17.5	10.4	11.5	88	94
	October	19.5	17.4	9.1	11.4	90	95
	November	19.0	15.6	8.5	10.7	95	99
	December	21.3	17.2	5.7	9.2	69	84
2022	January	21.0	16.5	6.5	8.7	76	87
	February	20.9	17.8	7.5	8.8	65	89
	March	21.2	19.0	7.7	10.3	59	76
	April	21.4	19.1	9.9	11.5	74	89
	May	21.7	18.6	10.5	12.2	84	92

#### Station: AMS-MADURAI

Year and Month		Maximum		Minimum		Humidity in %	
		Highest	Mean	Lowest	Mean	8.30 Hours	17.30 Hours
2021	June	41.4	37.7	23.0	25.7	60	48
	July	40.0	37.0	23.2	25.4	63	51
	August	40.2	36.8	23.6	25.5	64	52
	September	39.8	36.3	23.4	24.7	72	58
	October	38.0	34.0	22.8	24.5	82	69
	November	34.9	30.8	22.1	23.6	88	82
	December	32.6	31.2	18.7	22.0	79	66
2022	January	36.0	32.8	20.3	22.4	78	54
	February	36.4	33.9	20.1	22.6	76	46
	March	40.2	37.4	19.6	23.5	64	38
	April	38.7	37.0	23.6	25.6	74	59
	May	40.5	38.1	23.8	26.2	65	52

### 3.1 TEMPERATURE AT SELECT STATIONS IN TAMIL NADU 2021-22 (in Celsius) (Contd.)

**Station: KANNIYAKUMARI**

<b>Year and Month</b>		<b>Maximum</b>		<b>Minimum</b>		<b>Humidity in %</b>	
		<b>Highest</b>	<b>Mean</b>	<b>Lowest</b>	<b>Mean</b>	<b>8.30 Hours</b>	<b>17.30 Hours</b>
<b>2021</b>	<b>June</b>	33.9	30.8	22.9	24.3	76	77
	<b>July</b>	34.4	31.2	20.4	24.3	82	77
	<b>August</b>	33.2	31.1	22.8	24.3	81	74
	<b>September</b>	35.1	31.6	22.0	24.5	79	78
	<b>October</b>	35.2	30.7	22.7	24.0	86	84
	<b>November</b>	32.7	30.0	21.4	23.4	88	84
	<b>December</b>	33.6	32.0	22.0	24.0	75	70
<b>2022</b>	<b>January</b>	34.2	32.8	22.8	24.3	72	69
	<b>February</b>	34.6	33.2	22.9	24.7	71	69
	<b>March</b>	36.3	34.3	23.0	25.5	68	69
	<b>April</b>	35.1	32.4	22.0	24.7	73	80
	<b>May</b>	36.6	32.3	22.9	25.2	81	82

**Source: Regional Meteorological Centre, Chennai-6**

### 3.1 TEMPERATURE AT SELECT STATIONS IN TAMIL NADU 2020-21 (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>
2020	June	40.6	37.3	25.4	28.9	63	64
	July	38.3	34.4	24.2	26.9	82	75
	August	36.5	34.1	24.6	27.1	81	77
	September	36.6	33.6	24.0	26.5	81	77
	October	37.1	33.2	23.6	26.2	79	76
	November	33.3	30.5	20.8	24.3	85	80
	December	31.2	29.4	20.7	23.2	83	73
2021	January	32.0	29.9	20.6	23.4	85	74
	February	33.5	30.8	20.4	22.4	76	63
	March	38.3	33.3	22.6	24.8	77	65
	April	41.2	35.0	23.1	27.8	74	69
	May	40.3	35.9	24.6	28.8	66	68

### 3.1 TEMPERATURE AT SELECT STATIONS IN TAMIL NADU 2020-21 (in Celsius)

**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>
2020	June	40.7	38.0	25.3	28.1	79	61
	July	38.2	34.3	22.6	25.8	88	67
	August	36.3	33.9	23.6	26.4	88	70
	September	35.8	33.3	23.1	25.4	79	73
	October	37.2	33.3	23.2	25.3	88	72
	November	33.1	30.6	19.3	23.3	79	79
	December	30.8	29.4	19.4	21.9	88	72
2021	January	32.2	29.8	20.4	22.9	88	71
	February	34.6	31.0	19.4	21.6	81	60
	March	41.3	34.3	21.6	24.0	77	57
	April	41.8	35.9	23.0	27.0	74	65
	May	40.1	36.8	23.1	27.9	67	63

### 3.1 TEMPERATURE AT SELECT STATIONS IN TAMIL NADU 2020-21 (in Celsius)

**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>
2020	June	38.3	36.2	23.4	25.1	75	50
	July	37.3	33.4	21.3	23.6	84	62
	August	36.5	33.2	21.2	23.7	83	58
	September	34.7	32.3	21.2	22.8	84	69
	October	34.5	32.4	20.8	21.7	79	59
	November	33.6	31.6	17.6	21.7	81	62
	December	32.6	29.9	18.0	20.7	80	60
2021	January	33.9	30.4	17.4	20.9	80	58
	February	37.6	33.7	17.6	20.7	72	34
	March	39.8	37.8	19.7	22.6	73	26
	April	42.8	38.3	21.6	25.3	72	40
	May	39.1	37.1	21.6	25.3	73	46

### 3.1 TEMPERATURE AT SELECT STATIONS IN TAMIL NADU 2020-21 (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>
2020	June	40.6	38.4	24.2	27.1	63	47
	July	39.6	36.0	23.6	25.8	72	53
	August	39.1	36.1	23.2	25.7	71	50
	September	37.2	34.5	22.7	24.9	78	62
	October	37.4	34.9	23.0	24.8	76	59
	November	36.0	32.4	21.4	23.8	83	72
	December	32.5	29.3	19.4	21.7	86	76
2021	January	32.3	29.8	18.8	22.0	89	73
	February	36.5	32.9	17.6	20.9	80	46
	March	40.8	36.2	20.5	23.4	76	40
	April	42.5	39.2	24.1	26.6	69	44
	May	41.0	38.5	23.4	26.8	68	52

**3.1 TEMPERATURE AT SELECT STATIONS  
IN TAMIL NADU 2020-21 (in Celsius) (Contd.)**

**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>
2020	June	22.1	19.4	11.5	12.8	74	88
	July	20.0	18.1	11.2	12.1	85	94
	August	20.6	18.0	11.0	12.0	83	93
	September	20.0	17.1	10.4	11.7	87	94
	October	20.4	17.8	9.6	11.3	81	92
	November	19.5	16.2	8.0	10.2	88	94
	December	20.2	15.9	5.9	10.2	81	90
2021	January	19.3	16.4	6.9	9.6	75	87
	February	21.7	18.5	6.5	9.1	60	77
	March	22.6	19.1	6.5	10.0	53	76
	April	22.5	19.7	9.9	11.9	71	87
	May	20.5	18.9	11.1	12.4	80	93

**3.1 TEMPERATURE AT SELECT STATIONS  
IN TAMIL NADU 2020-21 (in Celsius) (Contd.)**

**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>
2020	June	41.6	39.1	22.6	26.7	60	43
	July	39.7	36.7	23.6	25.8	67	51
	August	40.4	38.1	22.6	25.7	63	46
	September	38.7	35.0	22.5	24.6	73	60
	October	39.6	35.9	22.1	24.2	70	56
	November	35.4	31.6	20.7	23.2	81	72
	December	31.8	29.6	20.1	21.4	79	69
2021	January	32.8	29.7	18.5	22.4	84	67
	February	36.5	33.0	17.8	21.6	72	44
	March	40.7	36.2	20.6	23.7	69	37
	April	42.3	38.1	22.0	24.8	70	45
	May	41.0	37.6	24.4	26.0	66	54



**3.1 TEMPERATURE AT SELECT STATIONS  
IN TAMIL NADU 2020-21 (in Celsius) (Contd.)**

**Station: KANNIYAKUMARI**

<b>Year and Month</b>		<b>Maximum</b>		<b>Minimum</b>		<b>Humidity in %</b>	
		<b>Highest</b>	<b>Mean</b>	<b>Lowest</b>	<b>Mean</b>	<b>8.30 Hours</b>	<b>17.30 Hours</b>
<b>2020</b>	<b>June</b>	34.2	31.9	22.9	25.3	81	79
	<b>July</b>	35.5	32.1	22.4	25.1	80	79
	<b>August</b>	33.1	30.7	22.5	24.5	81	82
	<b>September</b>	34.3	30.0	22.4	23.8	85	84
	<b>October</b>	33.4	32.2	22.1	25.3	79	84
	<b>November</b>	35.2	31.8	22.4	24.5	77	76
	<b>December</b>	33.3	31.3	22.6	24.1	77	70
<b>2021</b>	<b>January</b>	33.0	30.6	22.0	23.6	79	73
	<b>February</b>	34.9	32.9	21.8	24.0	68	65
	<b>March</b>	35.5	33.2	22.4	25.1	71	68
	<b>April</b>	35.6	34.0	25.4	26.4	71	73
	<b>May</b>	35.5	32.4	22.6	25.2	80	79

**Source: Regional Meteorological Centre, Chennai-6**

**3 .2 DISTRIBUTION OF DISTRICTS BY RANGE OF RAINFALL 2021-22**

<b>Range of Rainfall</b>	<b><i>Distribution of districts by range of rainfall</i></b>	
	<b><i>Actual Rainfall occurred</i></b>	<b><i>Normal Rainfall expected</i></b>
<b>Below 800 mm</b>	Karur,Thoothukudi, Tirunelveli, Ramanathapuram	Erode, Karur, Krishnagiri , Pudukkottai,Namakkal,Tiruppur, Thoothukudi , Virudhunagar. Tiruchirapalli
<b>801 mm to 1000 mm</b>	Kallakurichi,Pudukkottai, Tiruppur, Virudhunagar Tiruchirapalli,Tenkasi ,vellore	Ariyalur, Dharmapuri, Dindigul,Kallakurichi,Madurai, Perambalur, Ramanathapuram,Ranipet, Salem,Sivagangai,Tenkasi,Theni, Tirunelveli,Tirupathur,Vellore.
<b>1001 mm to 1200 mm</b>	Ariyalur, Chengalpattu, Dharmapuri,Erode,Madurai, Namakkal, Perambalur,Salem,Sivagangai, Thanjavur,Tiruvannamalai, Viluppuram	Chengalpattu,Cuddalore, Kancheepuram,Thanjavur, Thiruvallur,Tiruvannamalai, Thiruvarur,Viluppuram
<b>1201 mm to 1400 mm</b>	Cuddalore,Dindigul,Kanniyakumari,Kishnagiri,Nagapattinam, Ranipet,Theni,Tirupathur, Thiruvallur,Thiruvarur	Chennai,Coimbatore, Kanniyakumari, Mayiladuthurai, Nagapattinam.
<b>1401 mm to 1800 mm</b>	Chennai,Kancheepuram, Mayiladuthurai	The Nilgiris
<b>1801 mm and above</b>	Coimbatore, The Nilgiris	-

**Source: Regional Meteorological Centre, Chennai-6.**

## 3.3 RAINFALL BY DISTRICTS 2021-22

(in mm)

District	South West Monsoon (June '21 to September '21)		North East Monsoon (October '21 to December '21)	
	Actual	Normal	Actual	Normal
1	2	3	4	5
1. Ariyalur	422.5	314.8	398.7	501.9
2. Chengalpattu	308.7	398.3	738.1	707.7
3. Chennai	437.3	448.5	924.6	809.6
4. Coimbatore	1373.1	689.1	466.9	337.6
5. Cuddalore	477.0	355.7	612.1	701.5
6. Dharmapuri	561.9	380.8	363.9	314.2
7. Dindigul	480.2	301.5	545.3	460.0
8. Erode	443.1	267.6	485.3	307.1
9. Kallakurichi	313.2	399.1	372.2	455.5
10. Kancheepuram	416.6	472.0	800.5	591.7
11. Kanniyakumari	301.1	494.7	540.6	532.6
12. Karur	260.3	201.6	324.1	313.2
13. Krishnagiri	607.5	356.2	381.2	278.7
14. Madurai	482.9	296.1	438.4	370.0
15. Mayiladuthurai	352.2	304.7	929.8	888.1
16. Nagapattinam	325.9	246.6	639.2	935.3
17. Namakkal	494.9	331.8	378.9	270.4
18. The Nilgiris	1898.6	842.4	434.2	501.3
19. Perambalur	489.1	277.8	364.1	432.0
20. Pudukkottai	357.7	294.8	311.3	385.6
21. Ramanathapuram	182.6	132.1	383.5	531.4
22. Ranipet	665.2	441.7	441.7	406.0
23. Salem	492.8	406.4	361.1	331.7
24. Sivagangai	585.7	316.7	385.1	422.7
25. Tenkasi	166.9	172.7	420.4	465.7
26. Thanjavur	458.5	302.8	466.6	579.4
27. Theni	608.9	237.9	417.4	364.3
28. Tirunelveli	139.5	92.5	417.8	514.9
29. Tirupathur	591.6	425.7	412.0	266.3
30. Tiruppur	264.5	155.9	391.4	305.7
31. Thiruvallur	493.1	463.7	716.3	623.9
32. Tiruvannamalai	521.5	450.5	499.6	450.4
33. Thiruvarur	525.4	297.2	487.5	725.4
34. Thoothukudi	120.1	67.3	308.9	441.9
35. Tiruchirappalli	403.5	276.3	290.7	379.4
36. Vellore	454.9	431.3	332.4	375.8
37. Viluppuram	388.7	395.0	484.6	531.3
38. Virudhunagar	303.3	196.4	414.9	398.5
State Average	477.7	328.4	444.8	441.7

## 3.3 RAINFALL BY DISTRICTS 2021-22 (Contd.)

(in mm)

District	Winter Season (January '22 TO and February '22)		Hot Weather Season (March '22 to May '22)		Annual Total (June '21 to May '22)	
	Actual	Normal	Actual	Normal	Actual	Normal
1	6	7	8	9	10	11
1. Ariyalur	91.2	29.2	147.6	107.2	1060.0	953.1
2. Chengalpattu	37.8	30.8	37.3	55.8	1121.9	1192.6
3. Chennai	56.1	36.6	29.0	55.5	1447.0	1350.2
4. Coimbatore	8.8	19.6	302.9	164.8	2151.7	1211.1
5. Cuddalore	94.4	41.4	148.7	80.5	1332.2	1179.1
6. Dharmapuri	9.6	12.9	229.9	166.0	1165.3	873.9
7. Dindigul	65.8	28.7	212.3	170.8	1303.6	961.0
8. Erode	11.6	14.0	239.0	140.1	1179.0	728.8
9. Kallakurichi	33.8	24.5	97.1	88.8	816.3	967.9
10. Kancheepuram	52.9	19.8	134.6	76.8	1404.6	1160.3
11. Kanniyakumari	43.9	39.3	371.6	273.4	1257.2	1340.0
12. Karur	13.1	13.2	125.2	107.0	722.7	635.0
13. Krishnagiri	4.3	9.3	211.6	145.5	1204.6	789.7
14. Madurai	21.7	23.3	175.5	146.9	1118.5	836.3
15. Mayiladuthurai	147.7	58.2	117.6	92.1	1547.3	1343.1
16. Nagapattinam	286.3	85.9	82.6	103.2	1334.0	1371.0
17. Namakkal	11.8	12.6	171.0	149.2	1056.6	764.0
18. The Nilgiris	41.9	41.8	366.4	211.3	2741.1	1596.8
19. Perambalur	63.6	22.8	127.0	86.7	1043.8	819.3
20. Pudukkottai	78.7	26.7	94.8	90.4	842.5	797.5
21. Ramanathapuram	45.2	48.5	85.9	112.5	697.2	824.5
22. Ranipet	26.9	16.5	118.3	81.1	1252.1	945.3
23. Salem	11.3	12.6	242.8	162.6	1108.0	913.3
24. Sivagangai	20.5	26.7	140.8	121.9	1132.1	888.0
25. Tenkasi	51.0	58.0	216.9	181.4	855.2	877.8
26. Thanjavur	113.3	43.2	126.6	103.7	1165.0	1029.1
27. Theni	18.5	33.3	235.2	167.5	1280.0	803.0
28. Tirunelveli	69.2	68.9	166.9	133.3	793.4	809.6
29. Tirupathur	8.0	9.4	200.2	114.2	1211.8	815.6
30. Tiruppur	15.3	12.2	159.2	125.5	830.4	599.3
31. Thiruvallur	58.4	31.6	78.5	65.8	1346.3	1185.0
32. Tiruvannamalai	23.3	22.2	130.0	103.7	1174.4	1026.8
33. Thiruvavur	168.5	53.2	145.3	102.1	1326.7	1177.9
34. Thoothukkudi	23.0	41.4	127.0	113.9	579.0	664.5
35. Tiruchirappalli	36.2	18.1	123.7	96.7	854.1	770.5
36. Vellore	45.4	13.1	143.1	103.4	975.8	923.6
37. Viluppuram	46.3	27.5	90.5	60.4	1010.1	1014.2
38. Virudhunagar	20.7	33.8	144.2	148.6	883.1	777.3
State Average	42.4	28.0	166.5	125.5	1131.4	923.6

Source: India Meteorological Department, Chennai-600 006, DES-Chennai-6

## 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
2008-09	287.6	333.5	431.1	552.7	35.3	7.7
2009-10	316.0	317.0	431	482.6	35.3	12
2010-11	319.2	383.6	430.3	605.2	31.3	36.3
2011-12	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	441	294.3	31.3	13.8
2014-15	321.2	305.5	441	430.3	31.3	10.9
2015-16	330.9	295.7	470.7	695.8	32.6	2.9
2016-17	330.8	265.8	468.0	174.0	32.9	41.7
2017-18	331.0	421.09	468	429.28	33	17.99
2018-19	293.2	330.8	351.8	468.0	4.6	32.9
2019-20	345.4	417.7	477.6	478.4	29.8	11.6
2020-21	345.4	441.2	476.3	512.2	29.5	154.6
2021-22	328.4	477.7	441.7	444.8	28.0	42.4

(in mm)

Year	Hot Weather Season		Total		% Deviation from Normal
	Normal	Actual	Normal	Actual	
1	8	9	10	11	12
2008-09	129.1	129.2	911.6	1023.1	12.2
2009-10	129	127	911.6	938	2.9
2010-11	127.8	140.0	908.6	1165.1	28.2
2011-12	128	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	921.5	790.6	-14.2
2014-15	128.0	241.2	921.5	987.9	7.2
2015-16	128.2	123.6	962.4	1118.0	16.1
2016-17	127.1	116.6	958.9	598.1	-37.6
2017-18	128	148.9	959.9	1017.2	6.0
2018-19	49.3	128.2	698.8	960.0	37.4
2019-20	125.1	78.1	977.9	985.8	0.8
2020-21	122.0	124.9	973.2	1232.8	26.7
2021-22	125.5	166.5	923.6	1131.4	22.5

Source: India Meteorological Department, Chennai-600 006



