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3. CLIMATE AND RAINFALL

3.1 TEMPERATURE AT SELECT STATIONS IN TAMIL NADU 2022-23 (in Celsius)

Station: NUNGAMBAKKAM (Chennai North)

<i>Year and Month</i>		<i>Maximum(DEG.C)</i>		<i>Minimum (DEG.C)</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>
2022	June	40.1	37.1	22.8	27.9	72	69
	July	36.6	34.5	24.7	26.9	75	68
	August	37.2	34.9	23.9	27.0	73	65
	September	37.5	34.3	25.0	27.1	73	71
	October	35.1	32.2	22.2	25.2	81	71
	November	31.8	29.3	21.3	23.4	87	80
	December	31.9	29.6	19.8	23.8	87	77
2023	January	31.1	29.9	19.5	22.1	82	65
	February	34.1	30.2	20.0	22.0	82	62
	March	34.0	32.6	22.0	24.9	79	67
	April	38.1	35.0	24.7	27.2	73	66
	May	41.8	36.7	25.0	28.5	72	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>
2022	June	40.3	37.3	22.0	27.0	67	60
	July	36.8	34.4	23.4	25.8	76	65
	August	37.6	35.0	21.4	25.8	72	62
	September	37.2	34.3	23.8	26.0	76	67
	October	35.6	32.3	20.0	24.2	82	70
	November	32.4	29.4	20.6	23.0	87	77
	December	32.6	29.7	19.2	23.1	89	74
2023	January	32.0	30.3	18.4	21.2	82	59
	February	35.0	32.5	19.0	21.5	80	53
	March	35.4	33.4	20.5	23.8	78	62
	April	39.7	36.3	24.2	26.4	75	62
	May	42.7	37.8	24.2	27.8	70	64

**3.1 TEMPERATURE AT SELECT STATIONS
IN TAMIL NADU 2022-23 (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>
2022	June	37.6	34.6	20.8	22.8	77	53
	July	36.5	33.2	20.4	22.2	80	61
	August	36.1	33.2	19.8	21.8	81	64
	September	35.7	33.1	20.5	21.7	81	67
	October	33.3	31.8	17.8	20.7	87	79
	November	32.7	30.3	16.1	19.8	84	68
	December	33.6	30.1	16.0	19.0	82	61
2023	January	32.6	31.0	14.6	17.0	78	43
	February	37.3	34.4	15.3	17.6	69	31
	March	38.1	36.3	16.0	20.8	71	38
	April	41.2	36.9	20.0	22.9	67	36
	May	39.6	34.9	19.6	23.1	73	53

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>
2022	June	39.9	36.8	23.0	26.1	69	49
	July	37.6	35.4	23.0	26.2	70	51
	August	38.1	35.2	23.0	25.4	74	58
	September	37.1	34.7	23.0	25.2	73	54
	October	34.3	32.4	21.6	24.4	82	67
	November	32.9	30.3	21.0	23.0	83	71
	December	31.9	30.0	21.0	22.7	84	71
2023	January	31.4	30.3	18.4	20.6	83	59
	February	34.7	32.1	19.0	20.9	82	46
	March	38.1	35.5	20.4	24.0	79	43
	April	40.3	38.0	24.0	25.9	74	43
	May	40.3	37.4	23.4	26.4	77	54

**3.1 TEMPERATURE AT SELECT STATIONS
IN TAMIL NADU 2022-23 (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>
2022	June	22.3	19.5	10.1	11.7	80	92
	July	22.6	18.6	10.0	11.2	93	96
	August	22.2	18.9	9.7	10.9	92	94
	September	22.2	19.8	9.2	10.5	83	89
	October	21.3	18.6	6.5	10.0	89	94
	November	19.8	17.2	6.1	8.8	87	94
	December	19.8	16.5	4.9	9.0	81	89
2023	January	20.4	18.0	5.7	8.4	51	74
	February	21.6	18.4	5.4	7.9	54	71
	March	21.0	18.7	5.4	9.8	67	89
	April	21.7	19.9	9.5	11.5	69	84
	May	24.7	20.9	11.0	12.7	73	91

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>
2022	June	39.7	37.2	23.5	25.3	67	54
	July	39.6	36.1	23.1	25.1	69	55
	August	38.0	35.2	22.7	24.4	70	59
	September	38.4	35.8	22.6	24.1	67	53
	October	38.3	34.4	22.7	24.2	74	65
	November	35.2	31.8	19.1	22.9	82	71
	December	34.7	32.2	20.1	22.3	80	65
2023	January	34.2	32.2	17.6	20.2	76	49
	February	36.4	32.8	18.0	20.3	73	40
	March	38.4	36.2	18.3	23.7	73	43
	April	40.8	37.8	24.1	25.2	70	47
	May	40.8	37.5	23.6	25.7	73	55

**3.1 TEMPERATURE AT SELECT STATIONS
IN TAMIL NADU 2022-23 (in Celsius) (Contd.)**

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>
2022	June	34.7	32.0	22.6	24.6	80	83
	July	34.6	31.2	22.9	24.1	80	79
	August	34.6	30.5	21.4	23.5	84	82
	September	35.4	30.7	22.9	24.1	79	83
	October	35.5	31.2	22.4	23.9	80	83
	November	32.7	31.4	21.8	23.3	79	78
	December	34.0	31.5	21.0	23.5	78	74
2023	January	35.2	32.2	21.4	22.8	68	67
	February	34.6	33.1	21.1	22.7	65	66
	March	35.0	33.6	21.4	24.6	71	70
	April	36.0	34.3	21.9	25.5	69	71
	May	36.6	33.7	23.0	25.7	77	77

Source: Regional Meteorological Centre, Chennai-6

**3.1 TEMPERATURE AT SELECT STATIONS
IN TAMIL NADU 2021-22 (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>
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

**3.1 TEMPERATURE AT SELECT STATIONS
IN TAMIL NADU 2021-22 (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>
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	8	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)**

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>
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

**3.1 TEMPERATURE AT SELECT STATIONS
IN TAMIL NADU 2021-22 (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>
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

<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>
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

**3.1 TEMPERATURE AT SELECT STATIONS
IN TAMIL NADU 2021-22 (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>	
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

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

Source: Regional Meteorological Centre, Chennai-6

3 .2 DISTRIBUTION OF DISTRICTS BY RANGE OF RAINFALL 2022-23

<i>Range of Rainfall</i>	<i>Distribution of districts by range of rainfall</i>		
	<i>District</i>	<i>Normal Rainfall expected</i>	<i>Actual Rainfall occurred</i>
Below 800 mm	Thoothukudi	651.20	509.20
	Tenkasi	872.50	663.20
	Tirunelveli	795.80	673.90
	Karur	636.20	684.10
	Ramanathapuram	817.80	712.90
801 mm to 1000 mm	Tiruppur	599.50	768.90
	Kallakuruchi	956.70	825.40
	Tirchirappalli	774.90	826.40
	Virudhunagar	773.90	853.10
	Pudukkottai	787.70	856.60
	Vellore	925.50	927.70
	Ariyalur	925.80	949.20
	Kanniyakumari	1338.30	976.20
1001 mm to 1200 mm	Villupuram	1012.60	981.80
	Perambalur	816.00	1002.10
	Salem	912.50	1011.20
	Namakkal	763.50	1033.50
	Madurai	827.40	1038.60
	Dharmaburi	876.40	1067.701
	Erode	732.50	1096.20
	Chengalpattu	1186.70	1119.00
	Tirupathur	817.60	1121.30
	Thanjavur	1017.30	1128.90
	Theni	802.70	1136.10
1201	Sivaganga	895.90	1153.40
	Krishnagiri	795.60	1154.70
1201	Dindigul	956.50	1203.00
	Tiruvannamalai	1019.70	1225.10

mm to 1400 mm	Tiruvarur	1172.20	1234.30
	Ranipet	944.70	1243.40
	Cuddalore	1178.60	1257.10
	Nagapattinam	1336.90	1258.10
	Tiruvallur	1182.10	1264.90
	Kancheepuram	1155.10	1316.70
	Mayiladuthurai	1332.20	1383.60
1401 mm to 1800 mm	Chennai	1346.20	1407.00
1801 mm and above	Coimbatore	1205.80	2025.50
	The nilgiris	1595.70	2486.80

Source: Regional Meteorological Centre, Chennai-6.

3.3 RAINFALL BY DISTRICTS 2022-23

(in mm)

District	South West Monsoon (June '22 to September '22)		North East Monsoon (October'22 to December'22)	
	Actual	Normal	Actual	Normal
1	2	3	4	5
1. Ariyalur	422.6	314.8	398.7	501.9
2. Chengalpattu	308.6	398.3	738.1	707.7
3. Chennai	437.3	448.5	924.6	809.6
4. Coimbatore	1373.0	689.1	466.8	337.6
5. Cuddalore	477.1	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	485.4	307.1
9. Kallakurichi	313.2	399.1	372.3	455.5
10. Kancheepuram	416.7	472.0	800.4	591.7
11. Kanniyakumari	301.1	494.7	540.6	532.6
12. Karur	260.4	201.6	324.0	313.2
13. Krishnagiri	607.6	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	326.0	246.6	639.2	935.3
17. Namakkal	494.9	331.8	378.8	270.4
18. The Nilgiris	1898.5	842.4	434.2	501.3
19. Perambalur	489.1	277.8	364.2	432.0
20. Pudukkottai	357.6	294.8	311.2	385.6
21. Ramanathapuram	182.7	132.1	383.5	531.4
22. Ranipet	665.2	441.7	441.7	406.0
23. Salem	492.7	406.4	361.1	331.7
24. Sivagangai	585.7	316.7	385.1	422.7
25. Tenkasi	166.9	172.7	420.3	465.7
26. Thanjavur	458.5	302.8	466.5	579.4
27. Theni	609.0	237.9	417.4	364.3
28. Tirunelveli	139.4	92.5	417.9	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	532.6	450.4
33. Thiruvarur	525.3	297.2	487.5	725.4
34. Thoothukudi	120.1	67.3	308.9	441.9
35. Tiruchirappalli	403.5	276.3	290.6	379.4
36. Vellore	455.0	431.3	332.4	375.8
37. Viluppuram	388.8	395.0	484.6	531.3
38. Virudhunagar	303.4	196.4	414.9	398.5
State Average	478.2	340.5	476.7	479.2

3.3 RAINFALL BY DISTRICTS 2022-23 (Contd.)

(in mm)

District	Winter Season (January '23 to February '23)		Hot Weather Season (March '23 to May '23)		Annual Total (June '22 to May '23)	
	Actual	Normal	Actual	Normal	Actual	Normal
1	6	7	8	9	10	11
1. Ariyalur	21.8	24.2	146.1	84.9	989.2	925.8
2. Chengalpattu	2.5	25.5	95.2	55.2	1144.4	1186.7
3. Chennai	2.2	39.3	102.5	48.8	1466.6	1346.2
4. Coimbatore	15.1	17.7	377.0	161.4	2231.9	1205.8
5. Cuddalore	28.3	41.4	212.8	80.0	1330.3	1178.6
6. Dharmapuri	0.3	11.7	250.1	169.7	1176.2	876.4
7. Dindigul	25.9	23.3	317.2	171.7	1368.6	956.5
8. Erode	1.1	11.3	218.9	146.5	1148.5	732.5
9. Kallakurichi	3.5	20.0	188.9	82.1	877.9	956.7
10. Kancheepuram	1.8	21.0	125.0	70.4	1343.9	1155.1
11. Kanniyakumari	16.0	38.8	238.2	272.2	1095.9	1338.3
12. Karur	17.1	10.3	132.8	111.1	734.3	636.2
13. Krishnagiri	0.2	7.9	221.3	152.8	1210.3	795.6
14. Madurai	14.1	20.5	187.6	140.8	1123.0	827.4
15. Mayiladuthurai	78.3	53.5	70.6	85.9	1430.9	1332.2
16. Nagapattinam	200.9	64.2	178.1	90.8	1344.2	1336.9
17. Namakkal	3.2	10.3	192.3	151.0	1069.2	763.5
18. The Nilgiris	13.8	39.1	267.1	212.9	2613.6	1595.7
19. Perambalur	13.2	16.3	193.3	89.9	1059.8	816.0
20. Pudukkottai	59.8	19.5	170.7	87.8	899.3	787.7
21. Ramanathapuram	39.0	46.9	165.3	107.4	770.5	817.8
22. Ranipet	0.0	16.3	231.5	80.7	1338.4	944.7
23. Salem	7.0	9.9	217.7	164.5	1078.5	912.5
24. Sivagangai	35.6	25.3	200.7	131.2	1207.1	895.9
25. Tenkasi	24.3	54.5	225.2	179.6	836.7	872.5
26. Thanjavur	72.7	36.9	179.6	98.2	1177.3	1017.3
27. Theni	14.1	29.5	226.5	171.0	1267.0	802.7
28. Tirunelveli	41.6	58.2	165.0	130.2	763.9	795.8
29. Tirupathur	0.0	9.3	179.4	116.3	1183.0	817.6
30. Tiruppur	8.2	9.7	159.1	128.2	823.2	599.5
31. Thiruvallur	1.4	28.7	136.8	65.8	1347.6	1182.1
32. Tiruvannamalai	0.3	19.8	256.5	99.0	1310.9	1019.7
33. Thiruvavur	97.2	45.7	166.3	103.9	1276.3	1172.2
34. Thoothukkudi	22.2	35.2	118.9	106.8	570.1	651.2
35. Tiruchirappalli	21.3	14.2	151.6	105.0	867.0	774.9
36. Vellore	1.5	14.5	215.5	103.9	1004.4	925.5
37. Viluppuram	0.4	23.1	145.6	63.2	1019.4	1012.6
38. Virudhunagar	16.0	31.8	250.7	147.2	985.0	773.9
State Average	24.3	27.0	191.5	120.2	1170.6	966.8

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
2022-23	340.4	478.2	479.2	476.7	27.0	24.3

(in mm)

Year	Hot Weather Season		Total		% Devia- tion 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
2022-23	120.2	191.5	966.8	1170.6	21.1

Source: India Meteorological Department, Chennai-600 006



