

भारत सरकार  
Government of India  
भारत मौसम विज्ञान विभाग  
India Meteorological Department  
प्रादेशिक मौसम विज्ञान केंद्र, चेन्नै  
Regional Meteorological Centre, Chennai  
**WEEKLY WEATHER REPORT FOR TAMILNADU AND PUDUCHERRY FOR  
THE WEEK ENDING 27<sup>TH</sup> SEPTEMBER 2017 / 5<sup>TH</sup> ASVINA, 1939 (SAKA)  
SUMMARY OF WEATHER**

**Week's Rainfall:**

Large Excess	Ariyalur, Cuddalore, Dharmapuri, Namakkal, Perambalur, Salem and Thanjavur districts.
Excess	Erode, Karur, Krishnagiri, Madurai, Nagapattinam, Pudukkottai, Tiruvarur, Tiruchirapalli and Villupuram districts.
Normal	Puducherry.
Deficient	Chennai, Dindigul, Nilgiris, Sivaganga, Tiruvannamalai, Vellore districts and Karaikal.
Large Deficient	Coimbatore, Kancheepuram, Kanyakumari, Ramanathapuram, Theni, Tirunelveli, Tiruppur, Tiruvallur and Virudhunagar districts.
No Rain	Toothukudi district.

**The chief amounts of rainfall recorded in Centimetres:**

21/09/2017:Devala (Nilgiris Dist), Nagercoil (Kanyakumari Dist), Bhoothapandy (Kanyakumari Dist), Pechiparai (Kanyakumari Dist) 1 each.

22/09/2017:Tiruchengode (Namakkal Dist), Chinnakalar (Coimbatore Dist) 2 each, Valparai Taluk Office (Coimbatore Dist), Uthagamandalam (Nilgiris Dist), Valparai PTO (Coimbatore Dist) 1 each.

23/09/2017:Tozhudur (Cuddalore Dist), Valangaiman (Tiruvarur Dist) 4 each, Thuraiyur (Trichy Dist), Thiruvaidaimaruthur (Thanjavur Dist), JayamkonDam (Ariyalur Dist), Srimushnam (Cuddalore Dist), K.M.Koil (Cuddalore Dist), Kodavasal (Tiruvarur Dist) 3 each, Nannilam (Tiruvarur Dist), Perambalur (Perambalur Dist), Kumbakonam (Thanjavur Dist), Thathiengrpet (Trichy Dist), Padalur (Perambalur Dist) 2 each, Mayiladuthurai (Nagapattinam Dist), Ariyalur (Ariyalur Dist), Pullambadi (Trichy Dist), Virudachalam (Cuddalore Dist), SenDamangalam (Namakkal Dist), Chettikulam (Perambalur Dist) 1 each.

24/09/2017:Thammampatty (Salem Dist) 3, Sankaridurg (Salem Dist), Hosur (Krishnagiri Dist), Paramathivelur (Namakkal Dist), Periyakulam (Theni Dist) 1 each.

25/09/2017:Perungalur (Pudukkottai Dist), Thirumanur (Ariyalur Dist) 11 each, Illuppur (Pudukkottai Dist), Panchapatti (Karur Dist) 10 each, Kumbakonam (Thanjavur Dist), Tindivanam (Villupuram Dist), Mettur (Salem Dist) 9 each, Perambalur (Perambalur Dist) 8, Kumarapalayam (Namakkal Dist), Chettikulam (Perambalur Dist), Hosur (Krishnagiri Dist), Omalur (Salem Dist), Mettupatti (Madurai Dist) 7 each, Uthangarai (Krishnagiri Dist), Jayamkondam (Ariyalur Dist), Salem (Salem Dist), Neyveli AWS (Cuddalore Dist) 6 each, Marungapuri (Trichy Dist), Chidambaram (Cuddalore Dist), Vallam (Thanjavur Dist), Musiri (Trichy Dist), Chittampatti (Madurai Dist), Papanasam (Thanjavur Dist), Bhavani (Erode Dist), Dharmapuri PTO (Dharmapuri Dist), Mayanur (Karur Dist), Perundurur (Erode Dist), Pullambadi (Trichy Dist), Adirampatnam (Thanjavur Dist), Thiruvaidaimaruthur (Thanjavur Dist), Palacode (Dharmapuri Dist), Thalavadi (Erode Dist), Tiruvaiyaru (Thanjavur Dist), Pochampalli (Krishnagiri Dist), Thogamalai (Karur Dist) 5 each, Gandarvakottai (Pudukkottai Dist), Ariyalur (Ariyalur Dist), Karambakudi (Pudukkottai Dist), Kamatchipuram (Dindigul Dist), Sankarapuram (Villupuram Dist), Krishnagiri (Krishnagiri Dist), Alangudi (Pudukkottai Dist), Vilupuram (Villupuram Dist), Sathanur Dam (Tiruvannamalai Dist), Rayakottah (Krishnagiri Dist), Sankaridurg (Salem Dist), Mangalapuram (Namakkal Dist), Kothagiri (Nilgiris Dist), Panruti (Cuddalore Dist), Padalur (Perambalur Dist), Kadavur (Karur Dist), Alangayam (Vellore Dist), Erode (Erode Dist), R.K.Pet (Tiruvallur Dist), Barur (Krishnagiri Dist) 4 each, Tirupattur

(Vellore Dist), Thali (Krishnagiri Dist), Keeranur (Pudukkottai Dist), Karur (Karur Dist), Kulithalai (Karur Dist), Tiruvannamalai (Tiruvannamalai Dist), Dharamapuri (Dharmapuri Dist), Aravakurichi (Karur Dist), Arimalam (Pudukkottai Dist), Virudachalam (Cuddalore Dist), Thuraiyur (Trichy Dist), Grand anaicut (Thanjavur Dist), Yercaud (Salem Dist), Natham (Dindigul Dist), Lalgudi (Trichy Dist), Samayapuram (Trichy Dist), Pattukottai (Thanjavur Dist), SenDamangalam (Namakkal Dist), Tiruchengode (Namakkal Dist), Aduthurai AWS (Thanjavur Dist), Rasipuram (Namakkal Dist), Tirumayam (Pudukkottai Dist), Shoolagiri (Krishnagiri Dist), Chennai AP (Kancheepuram Dist) 3 each, Trp town (Trichy Dist), Paramathivelur (Namakkal Dist), Naduvattam (Nilgiris Dist), Pudukkottai (Pudukkottai Dist), Valangaiman (Tiruvarur Dist), Palani (Dindigul Dist), Gobichettipalayam (Erode Dist), Denkanikottai (Krishnagiri Dist), Anna University (Chennai Dist), K.paramathi (Karur Dist), Tiruchirappalli AP (Trichy Dist), Kangeyam (Tiruppur Dist), Vedasandur (Dindigul Dist), Pappireddipatti (Dharmapuri Dist), Karaikudi (Sivaganga Dist), Chembarabakkam (Tiruvallur Dist), Devakottai (Sivaganga Dist), Hogenekal (Dharmapuri Dist), Pennagaram (Dharmapuri Dist), Vazhapadi (Salem Dist), Sethiathope (Cuddalore Dist), Manapparai (Trichy Dist), Devala (Nilgiris Dist), Kodumudi (Erode Dist), Arantangi (Pudukkottai Dist), Tozhudur (Cuddalore Dist), Sathyamangalam (Erode Dist), Thathiengrpet (Trichy Dist), Chennai(N) (Chennai Dist), Anjatti (Krishnagiri Dist) 2 each, Penucondapuram (Krishnagiri Dist), Vadipatti (Madurai Dist), Gudiyatham (Vellore Dist), Attur (Salem Dist), Harur (Dharmapuri Dist), Annur (Coimbatore Dist), Namakkal (Namakkal Dist), G Bazar (Nilgiris Dist), Sholingur (Vellore Dist), Pallipattu (Tiruvallur Dist), Vaniaymbadi (Vellore Dist), Coonoor PTO (Nilgiris Dist), Srimushnam (Cuddalore Dist), Chatrapatti (odanchatra (Dindigul Dist), Wallajah (Vellore Dist), Bhavanisagar (Erode Dist), Kalavai AWS (Vellore Dist), Kallakurichi (Villupuram Dist), Kallakurichi ARG (Villupuram Dist), DGP office (Chennai Dist), Viralimalai (Pudukkottai Dist), K.M.Koil (Cuddalore Dist), Anaikaranchatram(Kollidam (Nagapattinam Dist), Tirukattupalli (Thanjavur Dist), Marandahalli (Dharmapuri Dist), Tambaram (Kancheepuram Dist), Ketti (Nilgiris Dist), Avinasi (Tiruppur Dist), Tiruvallur (Tiruvallur Dist), Arani (Tiruvannamalai Dist), Mudukulatur (Ramanathapuram Dist), Anna uty ARG (Chennai Dist), Kolapakkam arg (Kancheepuram Dist), Sirkali (Nagapattinam Dist), Ennore AWS (Tiruvallur Dist), Mannargudi (Tiruvarur Dist), Mylam AWS (Villupuram Dist) 1 each.

26/09/2017:Mayiladuthurai (Nagapattinam Dist) 9, Kumbakonam (Thanjavur Dist) 8, Jayamkondam (Ariyalur Dist), Virudachalam (Cuddalore Dist), Aduthurai AWS (Thanjavur Dist), Panruti (Cuddalore Dist), Rasipuram (Namakkal Dist) 7 each, Tirupuvanam (Sivaganga Dist), Ariyalur (Ariyalur Dist), Thiruvaidaimaruthur (Thanjavur Dist) 6 each, Thirumanur (Ariyalur Dist), Salem (Salem Dist), Papanasam (Thanjavur Dist) 5 each, Tirumangalam (Madurai Dist), Padalur (Perambalur Dist), Sankarapuram (Villupuram Dist), Sirkali (Nagapattinam Dist) 4 each, Valangaiman (Tiruvarur Dist), Sendamangalam (Namakkal Dist), Kallakurichi (Villupuram Dist), Parangipettai (Cuddalore Dist), Vadipatti (Madurai Dist), Tiruvarur (Tiruvarur Dist), Pullambadi (Trichy Dist), Thathiengrpet (Trichy Dist), Tiruvaiyaru (Thanjavur Dist), Ulundurpet (Villupuram Dist), Uthangarai (Krishnagiri Dist), Kodavasal (Tiruvarur Dist), Sathanur Dam (Tiruvannamalai Dist) 3 each, Tirupattur (Vellore Dist), Denkanikottai (Krishnagiri Dist), Vedaranyam (Nagapattinam Dist), Yercaud (Salem Dist), Anaikaranchatram(Kollidam (Nagapattinam Dist), Bodinaickanur (Theni Dist), Srimushnam (Cuddalore Dist), Neyveli AWS (Cuddalore Dist), Sholavandan (Madurai Dist), Harur (Dharmapuri Dist) 2 each, Uthagamandalam (Nilgiris Dist), NeeDamangalam (Tiruvarur Dist), R.k.pet (Tiruvallur Dist), Vilupuram (Villupuram Dist), Nannilam (Tiruvarur Dist), Pennagaram (Dharmapuri Dist), Manamadurai (Sivaganga Dist), Airport Madurai (Madurai Dist), Chidambaram (Cuddalore Dist), Chettikulam (Perambalur Dist), Nilakottai (Dindigul Dist), Ketti (Nilgiris Dist), Uthagamandalam AWS (Nilgiris Dist), Attur (Salem Dist), Pandavaiyar head (Tiruvarur Dist), Karur (Karur Dist), Thammampatty (Salem Dist), Namakkal (Namakkal Dist), Sivaganga (Sivaganga Dist), Dharamapuri (Dharmapuri Dist), Palacode (Dharmapuri Dist), Vazhapadi (Salem Dist), Penucondapuram (Krishnagiri Dist), Sendurai (Ariyalur Dist), Sethiathope (Cuddalore Dist), Mangalapuram (Namakkal Dist), Coonoor (Nilgiris Dist) 1 each.

27/09/2017:Dharmapuri PTO (Dharmapuri Dist) 8, Hogenekal (Dharmapuri Dist) 7, Tirumangalam (Madurai Dist), Dharamapuri (Dharmapuri Dist), Palacode (Dharmapuri Dist), Barur (Krishnagiri Dist) 6 each, Yercaud (Salem Dist), Penucondapuram (Krishnagiri Dist), Krishnagiri (Krishnagiri Dist), Rasipuram (Namakkal Dist), Thali (Krishnagiri Dist) 5 each, Kallakurichi (Villupuram Dist), Pappireddipatti (Dharmapuri Dist), Marandahalli (Dharmapuri Dist) 4 each, Madurai south (Madurai Dist), Ulundurpet (Villupuram Dist), Vaniaymbadi (Vellore Dist), R.k.pet (Tiruvallur Dist), Tirupattur (Vellore Dist), Vazhapadi (Salem Dist), Ambur (Vellore Dist), Paiyur AWS (Krishnagiri Dist), Denkanikottai (Krishnagiri Dist) 3 each, Pondicherry

(Puducherry Dist), Sankaridurg (Salem Dist), Omalur (Salem Dist), Natham (Dindigul Dist), Chittampatti (Madurai Dist), Panruti (Cuddalore Dist), Melur (Madurai Dist), Pennagaram (Dharmapuri Dist), Mettur (Salem Dist), Pochampalli (Krishnagiri Dist), Pallipattu (Tiruvallur Dist), Vandavasi (Tiruvannamalai Dist), Salem (Salem Dist), Gandarvakottai (Pudukkottai Dist), Thuraiyur (Trichy Dist), Sholingur (Vellore Dist), Manapparai (Trichy Dist) 2 each, Vilupuram (Villupuram Dist), Kodumudi (Erode Dist), Chinnakalar (Coimbatore Dist), Thalavadi (Erode Dist), Mangalapuram (Namakkal Dist), Sivakasi (Virudhunagar Dist), Polur (Tiruvannamalai Dist), Chengam (Tiruvannamalai Dist), Virinjipuram AWS (Vellore Dist), Anjatti (Krishnagiri Dist), Sathyamangalam (Erode Dist), Mettupatti (Madurai Dist), Tirukoilur (Villupuram Dist), Vellore (Vellore Dist), Coonoor (Nilgiris Dist), Keeranur (Pudukkottai Dist), Illuppur (Pudukkottai Dist), Perundururai (Erode Dist), Thogamalai (Karur Dist), Hosur (Krishnagiri Dist), Tiruchengode (Namakkal Dist), Sivaganga (Sivaganga Dist), Thuvakudi IMTI (Trichy Dist), Attur (Salem Dist), Melalathur (Vellore Dist) 1 each.

**Season's Rainfall for the period from 01.06.2017 to 27.09.2017:**

Large Excess	Coimbatore, Karur, Perambalur, Sivaganga, Theni and Tiruppur districts.
Excess	Ariyalur, Cuddalore, Dindigul, Erode, Krishnagiri, Madurai, Ramanathapuram, Thanjavur, Tirunelveli, Tiruvannamalai, Tiruvarur, Toothukudi, Vellore, Virudhunagar districts and Puducherry.
Normal	Chennai, Dharmapuri, Kancheepuram, Kanyakumari, Nagapattinam, Namakkal, Nilgiris, Pudukkottai, Salem, Tiruvallur, Tiruchirapalli, Villupuram districts and Karaikal.

**Chief synoptic features and its associated weather:**

Southwest monsoon was active over the state on 25<sup>th</sup> .

Last week's off-shore trough from Goa-Karnataka coast ran from North Maharashtra coast to Kerala coast on 21<sup>st</sup>, from North Maharashtra coast to Karnataka coast on 22<sup>nd</sup>. Last week's trough on sea level chart ran from South Coastal Andhra Pradesh to Comorin area across coastal Tamil Nadu on 21<sup>st</sup>, 24<sup>th</sup> and 26<sup>th</sup> and from Telangana to Comorin area across Rayalaseema and Interior Tamil Nadu on 22<sup>nd</sup>, 23<sup>rd</sup> and 25<sup>th</sup>. An upper air trough at 3.1 kilometres above mean sea level ran from South Bay to Lakshadweep area across Tamil Nadu and Kerala on 23<sup>rd</sup>. An East – West shear zone ran roughly along Latitude 11.0 degrees North at 3.1 kilometres above mean sea level on 24<sup>th</sup>, along Latitude 12.0 degrees North between 3.6 and 5.8 kilometres above mean sea level tilting southwards with height on 25<sup>th</sup>, along Latitude 14.0 degrees North between 1.5 and 5.8 kilometres above mean sea level tilting southwards with height on 26<sup>th</sup> and along Latitude 15.0 degrees North between 3.1 and 7.6 kilometres above mean sea level tilting southwards with height on 27<sup>th</sup> .

An upper air cyclonic circulation lay over Westcentral Bay and neighbourhood between 1.5 and 3.1 kilometres above mean sea level on 25<sup>th</sup>, over Westcentral Bay off Andhra Pradesh coast and extended upto 4.5 kilometres above mean sea level on 26<sup>th</sup> and over North Coastal Andhra Pradesh and adjoining South Odisha and extended upto 7.6 Kilometres above sea level on 27<sup>th</sup>.

**Rainfall:** Rainfall occurred at many places over the state on 25<sup>th</sup> ; at a few places on 26<sup>th</sup> , 27<sup>th</sup> and at isolated places from 21<sup>st</sup> to 24<sup>th</sup> during the week.

Regional Meteorological Centre,  
College Road, Chennai-6.  
Date: 27.09.2017

(Dr. S. BALACHANDRAN)  
SCIENTIST 'F'  
for Deputy Director General of Meteorology

**RAINFALL STATEMENT**

Districts	Rainfall for the week ending 27 <sup>th</sup> September 2017			Seasonal rainfall for the period from 01.06.2017 to 27.09.2017		
	Actual (mm)	Normal (mm)	Departure (%)	Actual (mm)	Normal (mm)	Departure (%)
Ariyalur	112.6	31.7	255	549.4	377.4	46
Chennai	16.8	30.3	-44	441.9	422.4	5
Coimbatore	6.7	19.7	-66	504.6	178.9	182
Cuddalore	62.9	34.0	85	460.0	367.7	25
Dharmapuri	80.1	42.2	90	393.6	377.6	4
Dindigul	20.2	33.0	-39	401.8	280.1	43
Erode	40.2	30.2	33	290.6	217.2	34
Kancheepuram	3.7	36.1	-90	472.8	468.6	1
Kanyakumari	8.6	33.6	-74	383.2	462.9	-17
Karaikal	11.5	25.1	-54	238.0	286.3	-17
Karur	46.0	30.0	53	334.9	202.1	66
Krishnagiri	70.3	46.2	52	493.7	376.3	31
Madurai	39.8	32.9	21	401.6	322.0	25
Nagapattinam	35.7	24.0	49	289.0	274.8	5
Namakkal	69.6	35.0	99	365.9	324.7	13
Nilgiris	24.5	39.2	-38	721.8	743.0	-3
Perambalur	84.1	28.8	192	548.3	276.6	98
Pudukottai	44.8	29.7	51	398.8	336.1	19
Ramanathapuram	1.7	19.5	-92	203.8	142.5	43
Salem	80.8	40.0	102	461.5	423.6	9
Sivaganga	20.1	25.1	-20	513.8	288.7	78
Thanjavur	52.3	27.2	92	472.6	305.1	55
Theni	4.8	25.7	-81	357.2	150.0	138
Tirunelveli	0.8	12.9	-94	210.5	134.7	56
Tiruppur	7.0	22.7	-69	310.4	143.9	116
Tiruvallur	13.2	34.2	-61	484.9	432.7	12
Tiruvannamalai	22.6	36.6	-38	612.0	449.2	36
Tiruvarur	33.3	27.0	23	363.9	283.5	28
Toothukudi	0.0	10.3	-100	105.5	69.2	52
Tiruchirapalli	41.7	30.4	37	329.2	280.3	17
Vellore	25.5	39.2	-35	554.0	446.7	24
Villupuram	42.0	34.2	23	435.7	393.2	11
Virudhunagar	2.1	25.2	-91	291.9	185.1	58
Puducherry	24.6	26.7	-8	462.9	372.8	24
Tamilnadu	32.9	30.2	9	404.2	307.1	32
Tamilnadu and Puducherry	32.9	30.2	9	404.2	307.2	32

**LEGEND:**

<i>Large Excess (LE):</i>	+60% and above	<i>Excess (E):</i>	+20% to +59%
<i>Normal (N):</i>	+19% to -19%	<i>Deficient (D):</i>	-20% to -59%
<i>Large deficient (LD):</i>	-60% to -99%	<i>No Rain:</i>	-100%

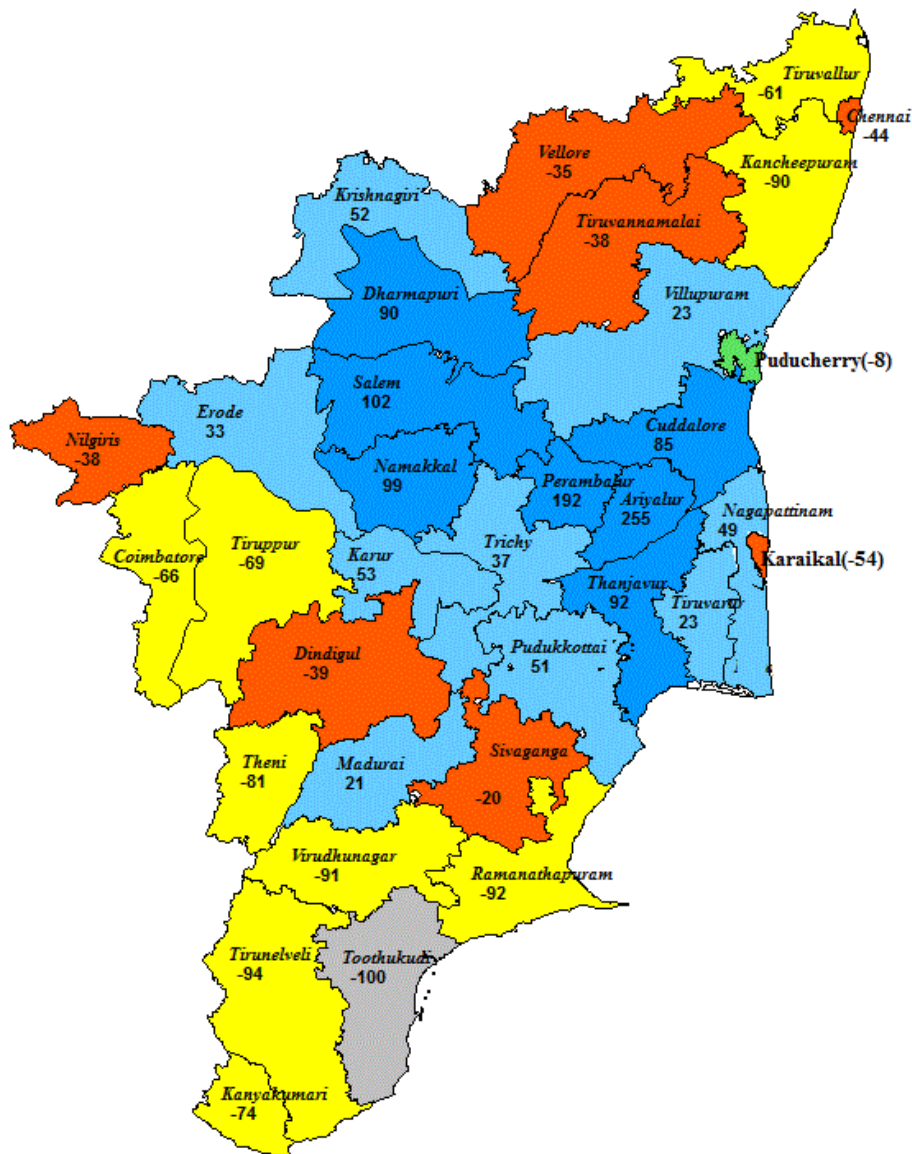
In calculation of excess, deficits and their percentage, rainfall figures are taken to 0.1 mm

# INDIA METEOROLOGICAL DEPARTMENT

## RMC CHENNAI

### Rainfall % Departures from the Long Period Averages for Districts in TAMILNADU

WEEK ENDING ON : 27.09.2017



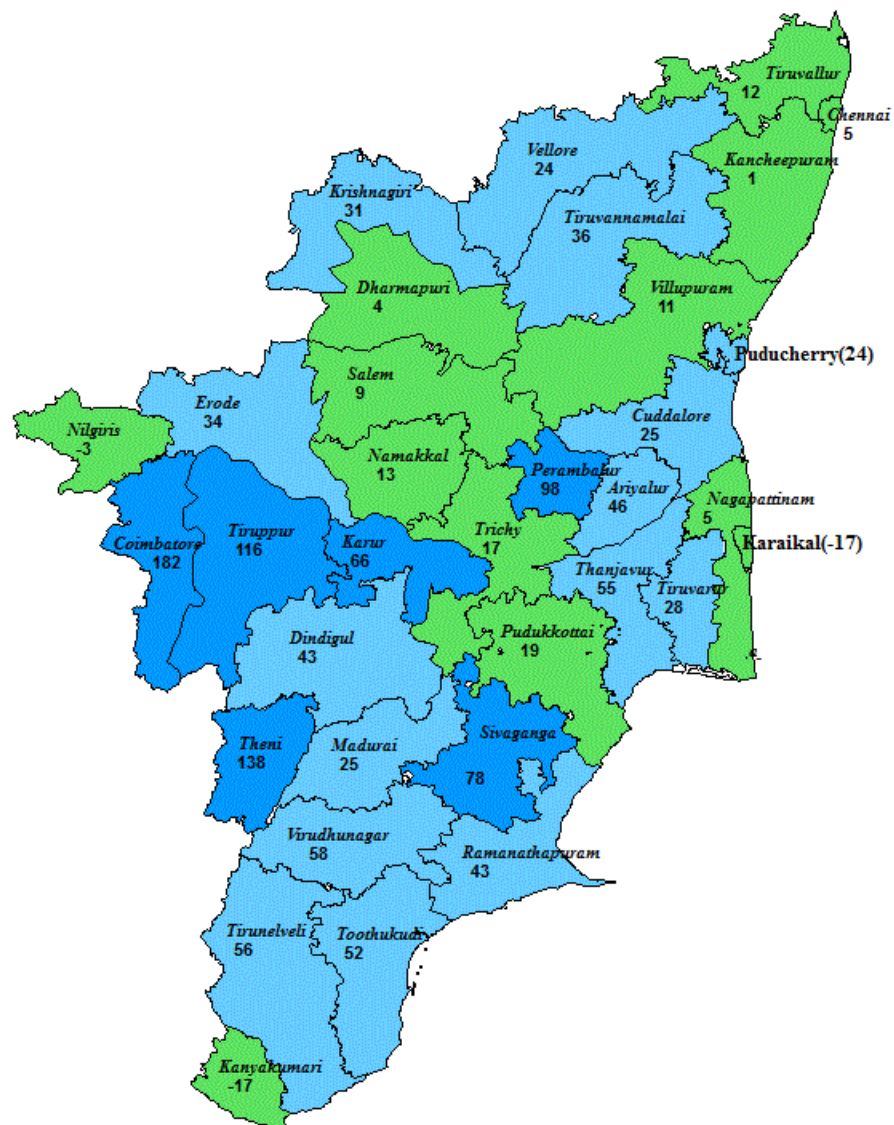
**LEGEND:** ■ L. EXCESS (+60% OR MORE) ■ EXCESS (+20% TO +59%) ■ NORMAL (+19% TO -19%)  
 ■ DEFICIENT (-20% TO -59%) ■ L. DEFICIENT (-60% TO -99%) ■ NO RAIN (-100%) ■ NO DATA

# INDIA METEOROLOGICAL DEPARTMENT

## RMC CHENNAI

### Rainfall % Departures from the Long Period Averages for Districts in TAMILNADU

PERIOD : 01.06.2017 - 27.09.2017



**LEGEND:** ■ L. EXCESS (+60% OR MORE) ■ EXCESS (+20% TO +59%) ■ NORMAL (+19% TO -19%)  
 ■ DEFICIENT (-20% TO -59%) ■ L. DEFICIENT (-60% TO -99%) ■ NO RAIN [-100%] ■ NO DATA