

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 13TH SEPTEMBER 2017 / 22ND BHADRAPADA, 1939 (SAKA)
SUMMARY OF WEATHER

Week's Rainfall:

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

The chief amounts of rainfall recorded in Centimetres:

07/09/2017: Alangudi (Pudukkottai Dist), R.k.pet (Tiruvallur Dist), Cheyyar (Tiruvannamalai Dist) 7 each, Kancheepuram (Kancheepuram Dist) 6, Sriperumbudur (Kancheepuram Dist), Chinnakalar (Coimbatore Dist), Vellore (Vellore Dist), Uthiramerur (Kancheepuram Dist), Chennai AP (Kancheepuram Dist), Vaniyambadi (Vellore Dist), Arani (Tiruvannamalai Dist) 5 each, Polur (Tiruvannamalai Dist) 4, Chengalpattu (Kancheepuram Dist), Maniyachi (Toothukudi Dist), Ambur (Vellore Dist), Pallipattu (Tiruvallur Dist), Karaikudi (Sivaganga Dist), Kolapakkam arg (Kancheepuram Dist), Periyakulam AWS (Theni Dist), Kaveripakkam (Vellore Dist), Sholavandan (Madurai Dist), Melalathur (Vellore Dist), Valparai taluk office (Coimbatore Dist), Palayamkottai (Tirunelveli Dist), Tirupattur (Vellore Dist) 3 each, Cheranmahadevi (Tirunelveli Dist), Alangayam (Vellore Dist), Uthangarai (Krishnagiri Dist), Nanguneri (Tirunelveli Dist), Gudiyatham (Vellore Dist), Tirumayam (Pudukkottai Dist), Usilampatti (Madurai Dist), Periyakulam (Theni Dist), Sathanur Dam (Tiruvannamalai Dist), Poondi (Tiruvallur Dist), Maduranthagam (Kancheepuram Dist), Anjatti (Krishnagiri Dist), Arimalam (Pudukkottai Dist), Ilayangudi (Sivaganga Dist) 2 each, Valparai pto (Coimbatore Dist), Pochampalli (Krishnagiri Dist), Virinjipuram AWS (Vellore Dist), Sholingur (Vellore Dist), Vandavasi (Tiruvannamalai Dist), Penucondapuram (Krishnagiri Dist), Tiruvannamalai (Tiruvannamalai Dist), Shoolagiri (Krishnagiri Dist), Chembarabakkam (Tiruvallur Dist), Anna University (Chennai Dist), DGP office (Chennai Dist), Anna uty arg (Chennai Dist), Vadipatti (Madurai Dist), Sivaganga (Sivaganga Dist), Arakonam (Vellore Dist), Hosur (Krishnagiri Dist), Kodaikanal (Dindigul Dist), Andipatti (Theni Dist), Gudalur (Theni Dist), Mahabalipuram (Kancheepuram Dist), Peraiyur (Madurai Dist) 1 each.

08/09/2017: Anaikaranchatram(KolliDam (Nagapattinam Dist) 9, Mettupalayam (Coimbatore Dist), K.m.koil (Cuddalore Dist) 6 each, Thalavadi (Erode Dist), Nagercoil (Kanyakumari Dist), Valparai taluk office (Coimbatore Dist), Shoolagiri (Krishnagiri Dist) 5 each, Thuckalay (Kanyakumari Dist), Eraniel (Kanyakumari Dist) 4 each, Annur (Coimbatore Dist), Karaikal (Karaikal Dist), Yercaud (Salem Dist), Chinnakalar (Coimbatore Dist), Coonoor pto (Nilgiris Dist), Valparai pto (Coimbatore Dist), Kothagiri (Nilgiris Dist), Coonoor (Nilgiris Dist), Manamadurai (Sivaganga Dist), Tirumayam (Pudukkottai Dist), Naduvattam (Nilgiris Dist), Devala (Nilgiris Dist) 3 each, Erode (Erode Dist), G Bazar (Nilgiris Dist), Thuvakudi IMTI (Trichy Dist), Avinasi (Tiruppur Dist), Harur (Dharmapuri Dist), Bhavanisagar (Erode Dist), Ketti (Nilgiris Dist) 2 each, Ap peelamedu (Coimbatore Dist), Salem (Salem Dist), Kumarapalayam (Namakkal Dist), Tiruvaiyaru (Thanjavur Dist), K bridge (Nilgiris Dist), Uthagamandalam (Nilgiris Dist), Gobichettipalayam (Erode Dist), Sirkali (Nagapattinam Dist), Tirupathur (Sivaganga Dist), Grand anaicut (Thanjavur Dist), Pollachi (Coimbatore Dist), Thammampatty (Salem Dist), Sethiathope (Cuddalore Dist), Sular (Coimbatore Dist), Thirumanur (Ariyalur Dist), Sathyamangalam (Erode Dist), Hosur (Krishnagiri Dist), Barur (Krishnagiri Dist) 1 each.

09/09/2017: Kumbakonam (Thanjavur Dist) 16, Pamban (Ramanathapuram Dist) 11, Kodaikanal (Dindigul Dist) 10, Avinasi (Tiruppur Dist), Madurai south (Madurai Dist) 9 each, Aravakurichi (Karur Dist), Chinnakalar (Coimbatore Dist), Ponneri (Tiruvallur Dist) 7 each, Tirumangalam (Madurai Dist), Periyakulam (Theni Dist), Maniyachi (Toothukudi Dist), Hosur (Krishnagiri Dist), Paramathivelur (Namakkal Dist), Tiruppur (Tiruppur Dist) 6 each, Kodumudi (Erode Dist),

Mettupalayam (Coimbatore Dist), Gobichettipalayam (Erode Dist), Valparai taluk office (Coimbatore Dist), Namakkal (Namakkal Dist), Shoolagiri (Krishnagiri Dist), Perundurai (Erode Dist), Annur (Coimbatore Dist) 5 each, Sathyamangalam (Erode Dist), Thiruthuraipoondi (Tiruvarur Dist), Ottapadiram (Toothukudi Dist), Kothagiri (Nilgiris Dist), Dharapuram (Tiruppur Dist), Sholavandan (Madurai Dist), Natham (Dindigul Dist) 4 each, K bridge (Nilgiris Dist), Attur (Salem Dist), Mulanur (Tiruppur Dist), Uthagamandalam (Nilgiris Dist), Tiruchengode (Namakkal Dist), Muthupet (Tiruvarur Dist), Bhavanisagar (Erode Dist), Suler (Coimbatore Dist), Ap peelamedu (Coimbatore Dist), Mangalapuram (Namakkal Dist), Aranmanaipudur (Theni Dist), Pechiparai (Kanyakumari Dist), Marandahalli (Dharmapuri Dist), Chatrapatti (odanchatra (Dindigul Dist), Uthangarai (Krishnagiri Dist), Airport Madurai (Madurai Dist) 3 each, Coimbatore south (Coimbatore Dist), Ketti (Nilgiris Dist), SenDamangalam (Namakkal Dist), Coonoor pto (Nilgiris Dist), Valparai pto (Coimbatore Dist), Nilakottai (Dindigul Dist), Coonoor (Nilgiris Dist), Andipatti (Theni Dist), Papanasam (Tirunelveli Dist), Kangeyam (Tiruppur Dist), Papanasam (Thanjavur Dist), Thali (Krishnagiri Dist), Mettupatti (Madurai Dist), Yercaud (Salem Dist), Periyanaickenpalayam (Coimbatore Dist), Erode (Erode Dist), G Bazar (Nilgiris Dist), Tirukattupalli (Thanjavur Dist), Thammampatty (Salem Dist), Naduvattam (Nilgiris Dist), Sivagiri (Tirunelveli Dist), Rajapalayam (Virudhunagar Dist) 2 each, Rameswaram (Ramanathapuram Dist), Thuraiyur (Trichy Dist), Bhavani (Erode Dist), Kumarapalayam (Namakkal Dist), Pudukottai (Pudukkottai Dist), Thamaraiykkam (Tiruvallur Dist), Devakottai (Sivaganga Dist), Devala (Nilgiris Dist), Palani (Dindigul Dist), Karur (Karur Dist), Uttamapalayam (Theni Dist), Srivaikuntam (Toothukudi Dist), Karaikal (Karaikal Dist), Madukkur (Thanjavur Dist), Nannilam (Tiruvarur Dist), Manamelkudi (Pudukkottai Dist), Palayamkottai (Tirunelveli Dist), Tirupuvanam (Sivaganga Dist), Valangaiman (Tiruvarur Dist), Sethiathope (Cuddalore Dist), Cholavaram (Tiruvallur Dist), Sankarapuram (Villupuram Dist), Gudalur (Theni Dist), Nagapattinam (Nagapattinam Dist), Harur (Dharmapuri Dist), Srivilliputhur (Virudhunagar Dist), Adirampatnam (Thanjavur Dist), Sankaridurg (Salem Dist), Usilampatti (Madurai Dist), Kovilpatti (Toothukudi Dist), Watrap (Virudhunagar Dist), Virudhunagar (Virudhunagar Dist) 1 each.

10/09/2017:Alangayam (Vellore Dist) 7, Tirupathur pto (Vellore Dist), Pamban (Ramanathapuram Dist), Uthangarai (Krishnagiri Dist), Thali (Krishnagiri Dist), Tirupattur (Vellore Dist), Vellore (Vellore Dist) 4 each, Ambur (Vellore Dist), Hosur (Krishnagiri Dist), Palayamkottai (Tirunelveli Dist), Gudiyatham (Vellore Dist), Radhapuram (Tirunelveli Dist), Krishnagiri (Krishnagiri Dist) 3 each, JayamkonDam (Ariyalur Dist), Melalathur (Vellore Dist), K.m.koil (Cuddalore Dist), Palani (Dindigul Dist), Bhoonthapandy (Kanyakumari Dist), Shoolagiri (Krishnagiri Dist), Srivaikuntam (Toothukudi Dist), Rameswaram (Ramanathapuram Dist), Periyanaickenpalayam (Coimbatore Dist), Panruti (Cuddalore Dist), Pochampalli (Krishnagiri Dist) 2 each, Papanasam (Tirunelveli Dist), Sathanur Dam (Tiruvannamalai Dist), Yelagiri arg (Vellore Dist), Marandahalli (Dharmapuri Dist), Uttamapalayam (Theni Dist), Thiruthuraipoondi (Tiruvarur Dist), Palacode (Dharmapuri Dist), Denkanikottai (Krishnagiri Dist), Chettikulam (Perambalur Dist), Virinjipuram AWS (Vellore Dist), Pechiparai (Kanyakumari Dist), Paiyur AWS (Krishnagiri Dist), Tiruttani (Tiruvallur Dist), Red hills (Tiruvallur Dist), Thiruvalangadu (Tiruvallur Dist), Vaniaymbadi (Vellore Dist), Mettur (Salem Dist), Penucondapuram (Krishnagiri Dist), Uthagamandalam (Nilgiris Dist), Uthagamandalam AWS (Nilgiris Dist), Chengam (Tiruvannamalai Dist), Mannargudi (Tiruvarur Dist), Periyar (Theni Dist) 1 each.

11/09/2017:Coonoor pto (Nilgiris Dist) 11, Coonoor (Nilgiris Dist) 9, Perambalur (Perambalur Dist), Mettupalayam (Coimbatore Dist) 5 each, Venbavur (Perambalur Dist), Dindigul (Dindigul Dist), Kodavasal (Tiruvarur Dist), Ketti (Nilgiris Dist), Tiruvarur (Tiruvarur Dist) 4 each, Pollachi (Coimbatore Dist), Parangipettai (Cuddalore Dist), Hogenekal (Dharmapuri Dist), Yercaud (Salem Dist), Uthagamandalam AWS (Nilgiris Dist), Uthagamandalam (Nilgiris Dist), Aduthurai AWS (Thanjavur Dist), Kumbakonam (Thanjavur Dist), Thiruvidaimaruthur (Thanjavur Dist) 3 each, Thammampatty (Salem Dist), Mangalapuram (Namakkal Dist), Virudhunagar (Virudhunagar Dist), K bridge (Nilgiris Dist), Mettupatti (Madurai Dist), Kothagiri (Nilgiris Dist), Vazhapadi (Salem Dist), Mettur (Salem Dist), Valparai taluk office (Coimbatore Dist), Thalavadi (Erode Dist) 2 each, SenDamangalam (Namakkal Dist), Thiruvalangadu (Tiruvallur Dist), Chinnakalar (Coimbatore Dist), Sankaridurg (Salem Dist), Naduvattam (Nilgiris Dist), Suler (Coimbatore Dist), Chatrapatti (odanchatra (Dindigul Dist), Periyanaickenpalayam (Coimbatore Dist), Dharmapuri pto (Dharmapuri Dist), Dharmapuri (Dharmapuri Dist) 1 each.

12/09/2017:Paramakudi (Ramanathapuram Dist) 3, Tirumangalam (Madurai Dist), Coonoor pto (Nilgiris Dist), Coonoor (Nilgiris Dist), Pechiparai (Kanyakumari Dist), K bridge (Nilgiris Dist) 2 each, Illayangudi (Sivaganga Dist), Ramanathapuram (Ramanathapuram Dist), Ayikudi (Tirunelveli Dist), Ketti (Nilgiris Dist), DGP office (Chennai Dist), Tirupathur (Sivaganga Dist), Red hills (Tiruvallur

Dist), Virudhunagar (Virudhunagar Dist), Kothagiri (Nilgiris Dist), Kovilpatti (Toothukudi Dist), R.s.mangalam (Ramanathapuram Dist), Manamadurai (Sivaganga Dist), Ennore AWS (Tiruvallur Dist), Tondi (Ramanathapuram Dist), Kancheepuram (Kancheepuram Dist), Valparai taluk office (Coimbatore Dist), Chengam (Tiruvannamalai Dist) 1 each.

13/09/2017: Tuticorin (Toothukudi Dist), Thoothukudi port AWS (Toothukudi Dist) 5 each, Thuckalay (Kanyakumari Dist) 3, Coonor pto (Nilgiris Dist), Mudukulatur (Ramanathapuram Dist), Dharmapuri pto (Dharmapuri Dist), Virudhunagar (Virudhunagar Dist) 2 each, Peraiyur (Madurai Dist), Kovilankulam (Virudhunagar Dist), Ketti (Nilgiris Dist), Kodaikanal (Dindigul Dist), Tondi (Ramanathapuram Dist), Bhoothapandy (Kanyakumari Dist), Sethiathope (Cuddalore Dist), Sivagiri (Tirunelveli Dist), Vilathikulam (Toothukudi Dist), Kothagiri (Nilgiris Dist), Chennai AP (Kancheepuram Dist), Tirumangalam (Madurai Dist), Nagercoil (Kanyakumari Dist), Salem (Salem Dist) 1 each.

Season's Rainfall for the period from 01.06.2017 to 13.09.2017:

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

Chief synoptic features and its associated weather:

Southwest monsoon was active over the state on 9th.

Last week's upper air cyclonic circulation over Lakshadweep area and neighbourhood lay over Eastcentral Arabian sea and adjoining Coastal Karnataka between 1.5 and 2.1 Kilometres above mean sea level on 7th. Last week's North-South trough from Interior Odisha to North Coastal Andhra Pradesh ran from Chhattisgarh to South Tamil Nadu across Coastal Andhra Pradesh, Rayalaseema and Interior Tamil Nadu and extended upto 0.9 Kilometres above mean sea level on 7th. Last week's upper air cyclonic circulation over Southwest Bay and adjoining coastal areas of Tamil Nadu lay over South Andhra Pradesh and neighbourhood between 1.5 and 3.1 Kilometres above mean sea level on 7th and over North Interior Karnataka and neighbourhood between 1.5 and 3.6 Kilometres above mean sea level on 8th.

Last week's East-West shear zone along Latitude 5.0°N, ran roughly along Latitude 6.0°N between 3.1 and 7.6 Kilometres above mean sea level on 7th, along Latitude 8.0°N between 3.1 and 5.8 Kilometres above mean sea level on 8th, along Latitude 10.0°N between 2.1 and 5.8 Kilometres above mean sea level on 9th and along Latitude 11.0°N and extended upto 3.6 Kilometres above mean sea level on 10th. A fresh North-South trough ran from Madhya Maharashtra to South Tamil Nadu across Interior Karnataka and Interior Tamil Nadu and extended upto 0.9 Kilometres above mean sea level with an embedded cyclonic circulation over Madhya Maharashtra and neighbourhood between 1.5 and 3.6 Kilometres above mean sea level on 8th, from Marathwada to South Kerala across Interior Karnataka and extended upto 0.9 Kilometres above mean sea level on 9th and from Madhya Maharashtra to North Interior Karnataka and extended upto 0.9 Kilometres above mean sea level on 10th. A cyclonic circulation lay over South Tamil Nadu and neighbourhood at 0.9 Kilometres above mean sea level on 10th.

An upper air cyclonic circulation lay over Kerala and neighbourhood and extended upto 4.5 Kilometres above mean sea level with a trough extended from this cyclonic circulation to Madhya Maharashtra across Karnataka upto 0.9 Kilometres above mean sea level on 11th. The same cyclonic circulation lay over southeast Arabian sea and adjoining Kerala and extended upto 2.1 Kilometres above mean sea level alongwith the trough extended from this cyclonic circulation to south Madhya Maharashtra across Coastal Karnataka and also extended upto 2.1 Kilometres above mean sea level on 12th and then it lay over Lakshadweep area and neighbourhood and extended upto 2.1 Kilometres above mean sea level alongwith the trough extended from the cyclonic circulation to south Gujarat region along west coast and extended upto 0.9 Kilometres above mean sea level on 13th.

Rainfall: Rainfall occurred at many places over the state on 9th, at a few places on 7th, 8th, 10th, 11th, 13th and at isolated places on 12th during the week.

RAINFALL STATEMENT

Districts	Rainfall for the week ending 13 th September 2017			Seasonal rainfall for the period from 01.06.2017 to 13.09.2017		
	Actual (mm)	Normal (mm)	Departure (%)	Actual (mm)	Normal (mm)	Departure (%)
Ariyalur	12.6	35.3	-64	411.2	306.1	34
Chennai	17.7	23.7	-25	401.7	364.7	10
Coimbatore	63.4	10.1	528	437.3	138.0	217
Cuddalore	19.3	29.6	-35	384.4	298.7	29
Dharmapuri	21.3	32.5	-35	296.7	282.9	5
Dindigul	39.1	27.0	45	356.1	212.6	68
Erode	49.5	19.5	154	236.5	155.7	52
Kancheepuram	25.7	34.3	-25	455.7	398.9	14
Kanyakumari	28.6	18.8	52	305.6	407.1	-25
Karaikal	49.5	23.7	109	215.9	226.4	-5
Karur	10.9	23.0	-53	282.3	144.1	96
Krishnagiri	47.9	27.5	74	404.2	277.6	46
Madurai	41.5	32.2	29	348.8	255.8	36
Nagapattinam	25.2	26.5	-5	241.9	227.2	6
Namakkal	40.8	29.9	37	292.7	253.4	16
Nilgiris	97.5	26.4	269	605.1	666.5	-9
Perambalur	31.0	25.3	23	401.1	204.7	96
Pudukottai	16.1	27.1	-41	341.2	277.3	23
Ramanathapuram	33.0	10.7	208	191.4	108.2	77
Salem	38.5	34.0	13	360.3	334.0	8
Sivaganga	28.3	26.6	6	478.1	242.0	98
Thanjavur	28.7	27.4	5	398.9	248.3	61
Theni	34.5	9.8	252	309.8	105.6	193
Tirunelveli	21.9	4.1	434	161.9	112.1	44
Tiruppur	44.6	11.8	278	293.9	100.1	194
Tiruvallur	20.0	27.3	-27	452.1	365.0	24
Tiruvannamalai	34.2	38.2	-11	581.8	363.3	60
Tiruvarur	29.7	27.3	9	318.1	232.5	37
Toothukudi	25.6	7.4	246	87.2	50.8	72
Tiruchirapalli	5.5	30.9	-82	269.6	208.0	30
Vellore	42.3	33.1	28	509.7	359.9	42
Villupuram	1.9	34.9	-95	386.5	315.4	23
Virudhunagar	16.2	18.2	-11	268.9	136.9	96
Puducherry	7.6	33.8	-78	431.8	315.5	37
Tamilnadu	31.2	24.7	26	349.5	244.4	43
Tamilnadu and Puducherry	31.1	24.7	26	349.6	244.5	43

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 %

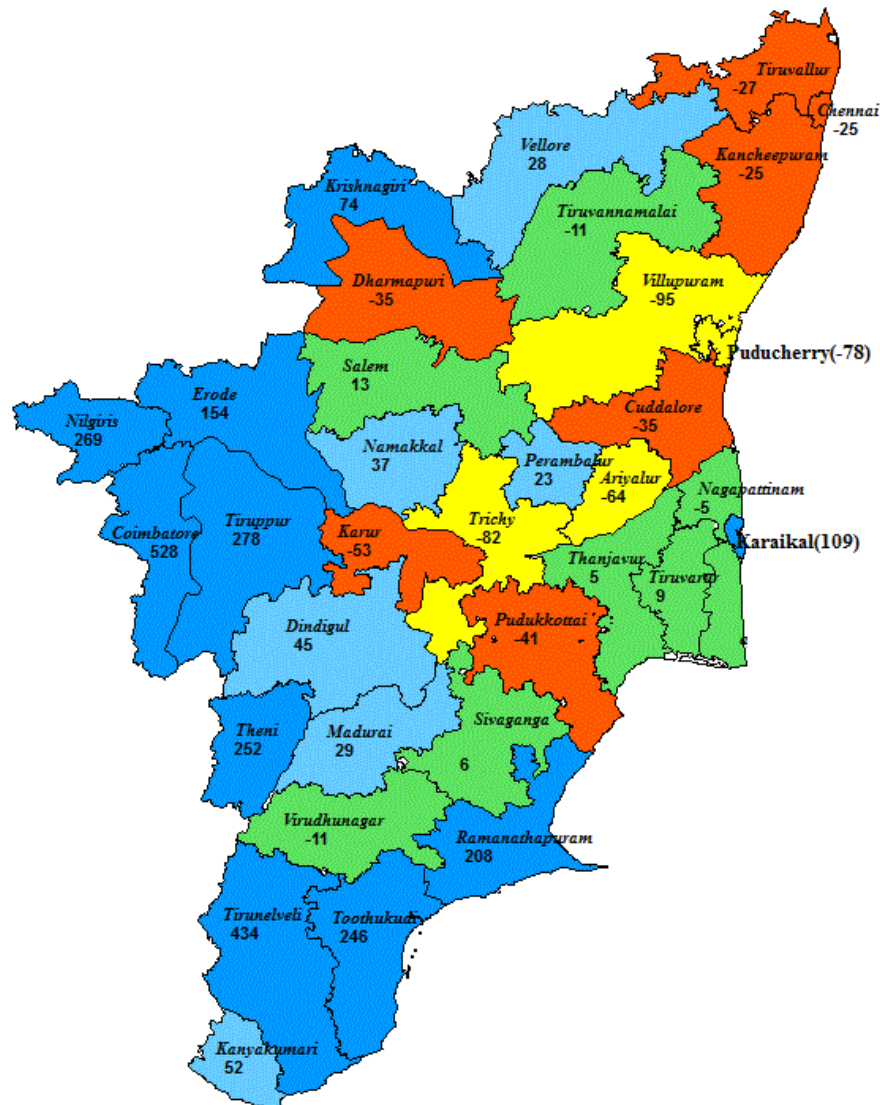
In calculation of excess, deficits and their percentage, rainfall figures are taken to 0.1 mm

INDIA METEOROLOGICAL DEPARTMENT

RMC CHENNAI

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

WEEK ENDING ON : 13.09.2017



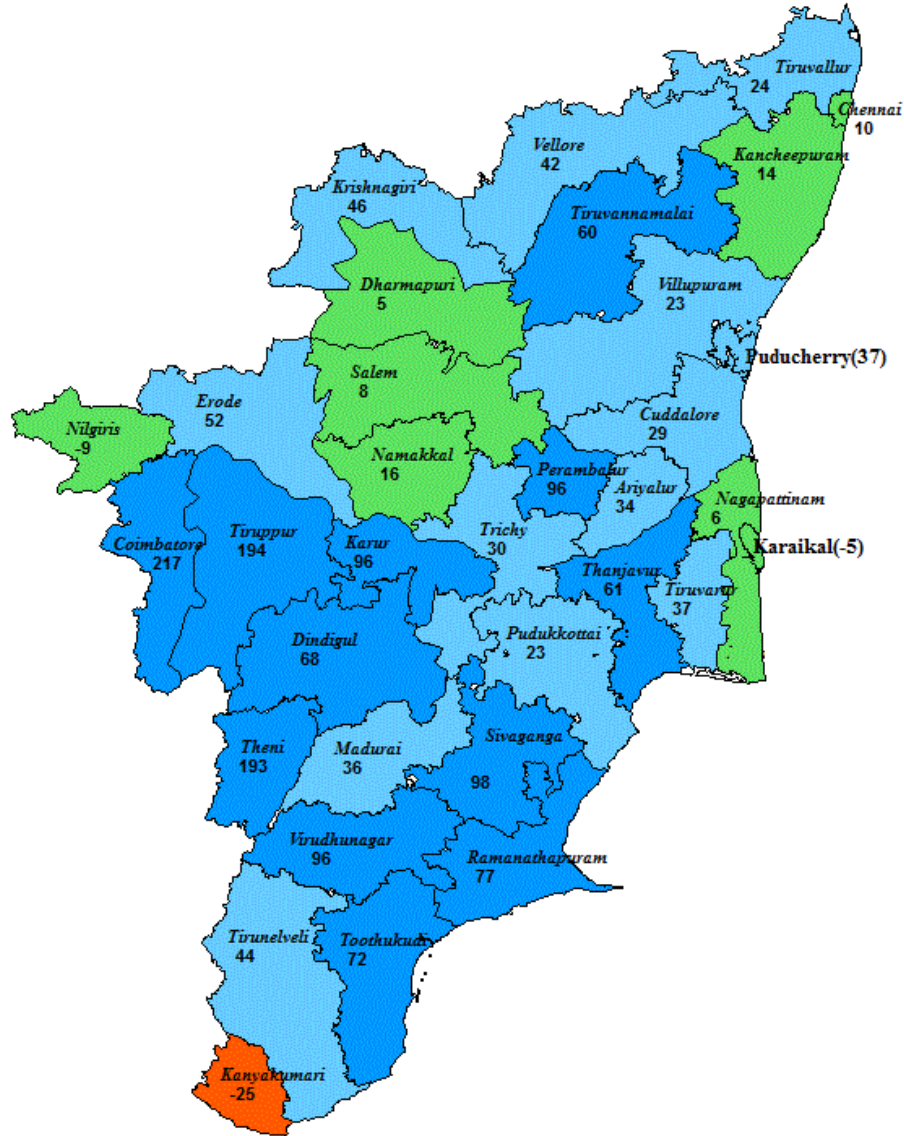
LEGEND: ■ L. EXCESS (+60% OR MORE) ■ EXCESS (+20% TO +59%) ■ NORMAL (+19% TO -19%)
 ■ DEFICIENT (-20% TO -59%) ■ L. DEFICIENT (-60% TO -99%) ■ NO RAIN (-100%) ■ NO DATA

INDIA METEOROLOGICAL DEPARTMENT

RMC CHENNAI

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

PERIOD : 01.06.2017 - 13.09.2017



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