

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 23RD AUGUST 2017 / 1ST BHADRAPADA, 1939 (SAKA)
SUMMARY OF WEATHER

Week's Rainfall:

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

The chief amounts of rainfall recorded in Centimetres:

17/08/2017:DGP office (Chennai Dist), Anna University ARG (Chennai Dist) 8 each, Tiruttani (Tiruvallur Dist), Kaveripakkam (Vellore Dist) 6 each, Poonamalle ARG (Tiruvallur Dist), Sriperumbudur (Kancheepuram Dist), JayamkonDam (Ariyalur Dist) 5 each, Kodavasal (Tiruvarur Dist), Gobichettipalayam (Erode Dist), Valangaiman (Tiruvarur Dist) 4 each, Poonamallee (Tiruvallur Dist), Tiruvallur (Tiruvallur Dist), Papanasam (Thanjavur Dist), Kamatchipuram (Dindigul Dist), Thirumanur (Ariyalur Dist), Ponneri (Tiruvallur Dist), Perambalur (Perambalur Dist), Wallajah (Vellore Dist), Kadavur (Karur Dist), Satyabama uty ARG (Kancheepuram Dist), Aduthurai AWS (Thanjavur Dist), Virinjipuram AWS (Vellore Dist), Sholingur (Vellore Dist), Chennai(N) (Chennai Dist), Arakonam (Vellore Dist), Marungapuri (Trichy Dist), Kancheepuram (Kancheepuram Dist), R.K.pet (Tiruvallur Dist) 3 each, Chidambaram AWS (Cuddalore Dist), Kvk Kattukuppam ARG (Kancheepuram Dist), Ariyalur (Ariyalur Dist), ChiDambaram (Cuddalore Dist), Arimalam (Pudukkottai Dist), Perundurai (Erode Dist), Thali (Krishnagiri Dist), Anaikaranchatram(KolliDam (Nagapattinam Dist), Illuppur (Pudukkottai Dist), Chennai AP (Kancheepuram Dist), Nannilam (Tiruvarur Dist), Kalavai AWS (Vellore Dist), Vedsandur (Dindigul Dist), Sethiathope (Cuddalore Dist), Cheyyar (Tiruvannamalai Dist) 2 each, Melalathur (Vellore Dist), Tozhudur (Cuddalore Dist), Keeranur (Pudukkottai Dist), Nagapattinam (Nagapattinam Dist), Vellore (Vellore Dist), Kolapakkam ARG (Kancheepuram Dist), Gudiyatham (Vellore Dist), Uthiramerur (Kancheepuram Dist), Ambur (Vellore Dist), Naduvattam (Nilgiris Dist), Coonoor (Nilgiris Dist), Venbavur (Perambalur Dist), Thiruvallangadu (Tiruvallur Dist), Vaniaymbadi (Vellore Dist), Arani (Tiruvannamalai Dist), Vedaranyam (Nagapattinam Dist), Namakkal (Namakkal Dist), Natham (Dindigul Dist), Vadipatti (Madurai Dist), Sendamangalam (Namakkal Dist), Tiruvaiyaru (Thanjavur Dist), Kumbakonam (Thanjavur Dist), Tambaram (Kancheepuram Dist), Tiruchengode (Namakkal Dist), Thiruvaidaimaruthur (Thanjavur Dist), Sankarapuram (Villupuram Dist), Manapparai (Trichy Dist), Chinnakalar (Coimbatore Dist), Coonoor PTO (Nilgiris Dist) 1 each.

18/08/2017:Sholingur (Vellore Dist) 8, R.k.pet (Tiruvallur Dist), Kelambakkam (Kancheepuram Dist) 7 each, Chennai(N) (Chennai Dist), Chennai AP (Kancheepuram Dist) 6 each, DGP office (Chennai Dist), Poonamallee (Tiruvallur Dist), Kancheepuram (Kancheepuram Dist), Madavaram AWS (Tiruvallur Dist), Chembarabakkam (Tiruvallur Dist), Red hills (Tiruvallur Dist), Anna uty arg (Chennai Dist), Arakonam (Vellore Dist), Tambaram (Kancheepuram Dist), Chengalpattu (Kancheepuram Dist), Cholvaram (Tiruvallur Dist) 5 each, Kaveripakkam (Vellore Dist), Satyabama uty arg (Kancheepuram Dist), Kvk kattukuppam arg (Kancheepuram Dist), Thiruvallangadu (Tiruvallur Dist), Anna University (Chennai Dist), Tiruttani (Tiruvallur Dist), Tiruvallur (Tiruvallur Dist) 4 each, Sriperumbudur (Kancheepuram Dist), Ponneri (Tiruvallur Dist), Kalavai AWS (Vellore Dist), Namakkal (Namakkal Dist), Uthiramerur (Kancheepuram Dist), Kumarapalayam (Namakkal Dist), Thali (Krishnagiri Dist), Mahabalipuram (Kancheepuram Dist) 3 each, Chinnakalar (Coimbatore Dist), Hvf avadi arg (Tiruvallur Dist), SenDamangalam (Namakkal Dist), Valparai pto (Coimbatore Dist), Kolapakkam arg (Kancheepuram Dist), Poonamalle arg (Tiruvallur Dist), Paramathivelur (Namakkal Dist), Ennore AWS (Tiruvallur Dist), Dindigul (Dindigul Dist), Wallajah (Vellore Dist) 2 each, Denkanikottai (Krishnagiri Dist), G Bazar (Nilgiris Dist), Vedsandur (Dindigul Dist), Kodaikanal (Dindigul Dist), Kadavur (Karur Dist), Natham (Dindigul Dist), Poondi (Tiruvallur Dist), Illuppur (Pudukkottai Dist), Trp town (Trichy Dist), Valparai taluk office (Coimbatore Dist), Cheyyar (Tiruvannamalai Dist),

Tiruvadanai (Ramanathapuram Dist), Alangudi (Pudukkottai Dist), Keeranur (Pudukkottai Dist), Thamaraiappakkam (Tiruvallur Dist), Lalgudi (Trichy Dist), Ambur (Vellore Dist), Vellore (Vellore Dist) 1 each.

19/08/2017:Red hills (Tiruvallur Dist) 13, Valparai pto (Coimbatore Dist) 11, Sethiathope (Cuddalore Dist), ChiDambaram (Cuddalore Dist) 9 each, ChiDambaram AWS (Cuddalore Dist), Cholavaram (Tiruvallur Dist) 8 each, Vedaranyam (Nagapattinam Dist), Chinnakalar (Coimbatore Dist) 7 each, Periyar (Theni Dist) 6, Thamaraiappakkam (Tiruvallur Dist), Kaveripakkam (Vellore Dist), Anaikaranchatram(KolliDam (Nagapattinam Dist) 5 each, Kalavai AWS (Vellore Dist), Madukkur (Thanjavur Dist), Pattukottai (Thanjavur Dist), Hvf avadi arg (Tiruvallur Dist), Valparai taluk office (Coimbatore Dist), Srimushnam (Cuddalore Dist) 4 each, Neyveli AWS (Cuddalore Dist), Papanasam (Thanjavur Dist), Poonamallee (Tiruvallur Dist), Devala (Nilgiris Dist), Viralimalai (Pudukkottai Dist), Yercaud (Salem Dist), Virudachalam (Cuddalore Dist), Arantangi (Pudukkottai Dist), Kodavasal (Tiruvarur Dist), Thirumanur (Ariyalur Dist), Kelambakkam (Kancheepuram Dist), Keeranur (Pudukkottai Dist), Manamelkudi (Pudukkottai Dist), Karur (Karur Dist), Valangaiman (Tiruvarur Dist), Perundururai (Erode Dist) 3 each, Panchapatti (Karur Dist), Naduvattam (Nilgiris Dist), Nannilam (Tiruvarur Dist), Hogenekal (Dharmapuri Dist), Parangipettai (Cuddalore Dist), Ennore AWS (Tiruvallur Dist), Gandarvakottai (Pudukkottai Dist), Perungalur (Pudukkottai Dist), Sirkali (Nagapattinam Dist), Omalur (Salem Dist), Chembarabakkam (Tiruvallur Dist), Poondi (Tiruvallur Dist), ThiruthuraiPoondi (Tiruvarur Dist), Chennai(N) (Chennai Dist), Tiruvaiyaru (Thanjavur Dist), Vallam (Thanjavur Dist), Sholingur (Vellore Dist), Salem (Salem Dist), Muthupet (Tiruvarur Dist), Ponneri (Tiruvallur Dist) 2 each, Marungapuri (Trichy Dist), R.k.pet (Tiruvallur Dist), Pullambadi (Trichy Dist), Nagapattinam (Nagapattinam Dist), Karambakudi (Pudukkottai Dist), Melalathur (Vellore Dist), Chengalpattu (Kancheepuram Dist), Vazhapadi (Salem Dist), Alangayam (Vellore Dist), Thanjavur pto (Thanjavur Dist), Pechiparai (Kanyakumari Dist), Illuppur (Pudukkottai Dist), Virinjipuram AWS (Vellore Dist), Ulundurpet (Villupuram Dist), Peravurani (Thanjavur Dist), Wallajah (Vellore Dist), Kuzhithurai (Kanyakumari Dist), Kancheepuram (Kancheepuram Dist), Mayanur (Karur Dist), NeeDamangalam (Tiruvarur Dist), Thenkasi (Tirunelveli Dist), Uttamapalayam (Theni Dist), Vadipatti (Madurai Dist), Mannargudi (Tiruvarur Dist), Chittampatti (Madurai Dist), Arimalam (Pudukkottai Dist), Satyabama uty arg (Kancheepuram Dist), Sankarapuram (Villupuram Dist), Sathanur Dam (Tiruvannamalai Dist), Bodinaickanur (Theni Dist), Tirumayam (Pudukkottai Dist), Tiruvarur (Tiruvarur Dist), Chettikulam (Perambalur Dist), Thanjavur (Thanjavur Dist), Vandavasi (Tiruvannamalai Dist), Thuraiyur (Trichy Dist), Orthanad (Thanjavur Dist), DGP office (Chennai Dist), Uthagamandalam (Nilgiris Dist) 1 each.

20/08/2017:Valparai PTO (Coimbatore Dist) 6, Chinnakalar (Coimbatore Dist) 5, Devala (Nilgiris Dist) 4, Naduvattam (Nilgiris Dist), Valparai taluk office (Coimbatore Dist), G Bazar (Nilgiris Dist), Ponneri (Tiruvallur Dist) 3 each, Papanasam (Tirunelveli Dist), Thenkasi (Tirunelveli Dist), Cuddalore (Cuddalore Dist), Shencottah (Tirunelveli Dist), Pochampalli (Krishnagiri Dist), Sirkali (Nagapattinam Dist), Arakonam (Vellore Dist), Red hills (Tiruvallur Dist), Mylam AWS (Villupuram Dist) 2 each, Periyar (Theni Dist), Tiruvallur (Tiruvallur Dist), SenDamangalam (Namakkal Dist), Thamaraiappakkam (Tiruvallur Dist), Attur (Salem Dist), Poondi (Tiruvallur Dist), Vazhapadi (Salem Dist), Tozhudur (Cuddalore Dist), K.M.Koil (Cuddalore Dist), Anaikaranchatram(KolliDam (Nagapattinam Dist), Harur (Dharmapuri Dist), Parangipettai (Cuddalore Dist), Uthagamandalam AWS (Nilgiris Dist), Omalur (Salem Dist), Madavaram AWS (Tiruvallur Dist), Cholavaram (Tiruvallur Dist), Ayikudi (Tirunelveli Dist), Rasipuram (Namakkal Dist), Neyveli AWS (Cuddalore Dist), Panruti (Cuddalore Dist), Virudachalam (Cuddalore Dist), Hogenekal (Dharmapuri Dist), Thiruvalangadu (Tiruvallur Dist) 1 each.

21/08/2017:Chinnakalar (Coimbatore Dist) 6, Valparai PTO (Coimbatore Dist), Devala (Nilgiris Dist) 4 each, Periyar (Theni Dist), Dharmapuri pto (Dharmapuri Dist), Madukkur (Thanjavur Dist), Valparai taluk office (Coimbatore Dist), Dharmapuri (Dharmapuri Dist), Penucondapuram (Krishnagiri Dist), Pechiparai (Kanyakumari Dist), G Bazar (Nilgiris Dist), Red hills (Tiruvallur Dist) 3 each, Yercaud (Salem Dist), Hogenekal (Dharmapuri Dist), Thenkasi (Tirunelveli Dist), Naduvattam (Nilgiris Dist), Papanasam (Tirunelveli Dist), Peravurani (Thanjavur Dist), Kuzhithurai (Kanyakumari Dist), Thuckalay (Kanyakumari Dist), Shencottah (Tirunelveli Dist), Thammampatty (Salem Dist), Tozhudur (Cuddalore Dist), Nagercoil (Kanyakumari Dist), Rasipuram (Namakkal Dist), Sethiathope (Cuddalore Dist), Thamaraiappakkam (Tiruvallur Dist), Cuddalore (Cuddalore Dist), Attur (Salem Dist), Parangipettai (Cuddalore Dist), Uthangarai (Krishnagiri Dist) 2 each, Pattukottai (Thanjavur Dist), Srimushnam (Cuddalore Dist), Karambakudi (Pudukkottai Dist), Ayikudi (Tirunelveli Dist), Omalur (Salem Dist), JayamkonDam (Ariyalur Dist), Pennagaram (Dharmapuri Dist), Melalathur (Vellore Dist), Vallam (Thanjavur Dist), Tiruttani (Tiruvallur Dist), Tirupathur pto (Vellore Dist), Mylaudy

(Kanyakumari Dist), Pondicherry (Puducherry Dist), Eraniel (Kanyakumari Dist), Pallipattu (Tiruvallur Dist), Vilupuram (Villupuram Dist), Dindigul (Dindigul Dist), Sathanur Dam (Tiruvannamalai Dist), Uthagamandalam (Nilgiris Dist), K.m.koil (Cuddalore Dist), Gingee (Villupuram Dist), Harur (Dharmapuri Dist), Muthupet (Tiruvarur Dist), Mangalapuram (Namakkal Dist), Coonoor (Nilgiris Dist), Ketti (Nilgiris Dist), K bridge (Nilgiris Dist), Barur (Krishnagiri Dist), Coonoor pto (Nilgiris Dist), Salem (Salem Dist) 1 each.

22/08/2017:Devala (Nilgiris Dist), Chinnakalar (Coimbatore Dist) 7 each, Valparai pto (Coimbatore Dist) 6, G Bazar (Nilgiris Dist) 5, Valparai taluk office (Coimbatore Dist), Naduvattam (Nilgiris Dist), Pennagaram (Dharmapuri Dist), Thali (Krishnagiri Dist) 4 each, Dharmapuri (Dharmapuri Dist), Palacode (Dharmapuri Dist) 3 each, Ponneri (Tiruvallur Dist), Ennore AWS (Tiruvallur Dist), Tirupattur (Vellore Dist) 2 each, Chennai AP (Kancheepuram Dist), Vazhapadi (Salem Dist), Barur (Krishnagiri Dist), Dharmapuri pto (Dharmapuri Dist), Uthagamandalam AWS (Nilgiris Dist), Chembarabakkam (Tiruvallur Dist), Tirupathur pto (Vellore Dist), Satyabama uty arg (Kancheepuram Dist), Attur (Salem Dist), Harur (Dharmapuri Dist), Rasipuram (Namakkal Dist), Pappireddipatti (Dharmapuri Dist), Denkanikottai (Krishnagiri Dist), Mangalapuram (Namakkal Dist), K bridge (Nilgiris Dist), Tindivanam (Villupuram Dist) 1 each.

23/08/2017:Melalathur (Vellore Dist), Wallajah (Vellore Dist) 3 each, Gudiyatham (Vellore Dist), Peravurani (Thanjavur Dist), Alangudi (Pudukkottai Dist) 2 each, Chinnakalar (Coimbatore Dist), Pondicherry (Puducherry Dist), Devala (Nilgiris Dist), Cuddalore (Cuddalore Dist), Valparai pto (Coimbatore Dist), Sankaridurg (Salem Dist), R.k.pet (Tiruvallur Dist), Arakonam (Vellore Dist) 1 each.

Season's Rainfall for the period from 01.06.2017 to 23.08.2017:

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

Chief synoptic features and its associated weather:

Southwest Monsoon was active over the state on 19th.

Under the influence of upper air cyclonic circulation over North Bay and neighbourhood, a low pressure area formed over Northwest bay and adjoining coastal areas of Odisha and extended upto 9.5 Kilometres above mean sea level on 18th, moved westward and lay over North Coastal Andhra Pradesh and adjoining areas of South Coastal Odisha and Westcentral Bay and extended upto 9.5 Kilometres above mean sea level on 19th and as a well marked low over Southeast Vidarbha and neighbourhood and extended upto 9.5 Kilometres above mean sea level on 20th.

Last week's trough at mean sea level ran from Odisha to Eastcentral Bay across centre of low pressure area on 11th, 19th and from Vidarbha to Eastcentral Bay across North Coastal Andhra Pradesh and Westcentral Bay on 20th and from Coastal Andhra Pradesh to Eastcentral Bay Westcentral Bay on 21st.

Last week's shear zone continued to run roughly along Latitude 12.0 deg. North between 5.8 and 7.6 Kilometres above mean sea level on 17th, along 14.0 deg. North at 7.6 Kilometres above mean sea level on 18th and along 15.0 deg. North at 7.6 Kilometres above mean sea level on 19th. Another shear zone ran roughly along Latitude 13.0 deg. North at 7.6 Kilometres above sea level on 23rd. A trough on sea level chart extended from Telangana to Comorin area across Rayalaseema and North Coastal Tamil Nadu on 22nd and from North Coastal Andhra Pradesh to Comorin area across South Coastal Andhra Pradesh and North Coastal Tamil Nadu on 23rd. An off shore trough extended from Coastal Karnataka to North Kerala coast on 22nd.

Rainfall: Rainfall occurred at many places over the state on 19th, at a few places 17th, 18th, 20th, 21st and at isolated places on 22nd and 23rd during the week.

RAINFALL STATEMENT

Districts	Rainfall for the week ending 23 rd August 2017			Seasonal rainfall for the period from 01.06.2017 to 23.08.2017		
	Actual (mm)	Normal (mm)	Departure (%)	Actual (mm)	Normal (mm)	Departure (%)
Ariyalur	38.4	31.7	21	334.5	207.3	61
Chennai	113.0	41.8	170	337.9	284.4	19
Coimbatore	23.9	9.9	142	214.6	108.7	97
Cuddalore	63.9	29.6	116	324.3	209.2	55
Dharmapuri	36.9	31.3	18	195.1	201.8	-3
Dindigul	16.7	19.4	-14	185.0	146.3	26
Erode	15.5	15.4	0	118.2	103.7	14
Kancheepuram	62.0	46.6	33	335.1	299.0	12
Kanyakumari	21.3	19.4	10	206.5	358.9	-42
Karaikal	5.6	21.6	-74	136.3	165.4	-18
Karur	13.7	13.0	5	152.2	86.6	76
Krishnagiri	21.1	29.1	-28	215.5	201.3	7
Madurai	4.0	22.6	-82	212.6	173.9	22
Nagapattinam	40.1	23.5	70	206.9	159.5	30
Namakkal	31.7	22.5	41	163.8	180.0	-9
Nilgiris	50.8	41.2	23	385.0	573.3	-33
Perambalur	20.3	23.7	-15	324.1	130.8	148
Pudukottai	30.5	28.6	7	284.5	195.4	46
Ramanathapuram	1.4	10.7	-87	125.4	74.0	69
Salem	34.6	31.2	11	251.8	244.1	3
Sivaganga	2.4	20.0	-88	387.3	174.7	122
Thanjavur	28.9	28.3	2	328.4	174.5	88
Theni	21.0	7.6	176	140.4	78.6	79
Tirunelveli	18.0	6.3	186	89.4	97.6	-8
Tiruppur	1.0	8.2	-88	88.3	70.0	26
Tiruvallur	98.9	33.0	200	340.2	276.3	23
Tiruvannamalai	14.6	38.0	-62	442.5	260.0	70
Tiruvarur	29.5	25.7	15	258.0	162.9	58
Toothukudi	0.2	4.1	-94	32.3	32.9	-2
Tiruchirapalli	13.5	19.2	-30	178.2	130.5	37
Vellore	62.0	35.9	73	310.2	268.6	15
Villupuram	11.2	34.0	-67	294.3	219.2	34
Virudhunagar	3.0	11.1	-73	142.5	91.7	55
Puducherry	31.2	38.7	-19	373.3	228.7	63
Tamilnadu	25.4	23.2	10	229.4	177.1	29
Tamilnadu and Puducherry	25.4	23.2	9	229.6	177.2	30

LEGEND:

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

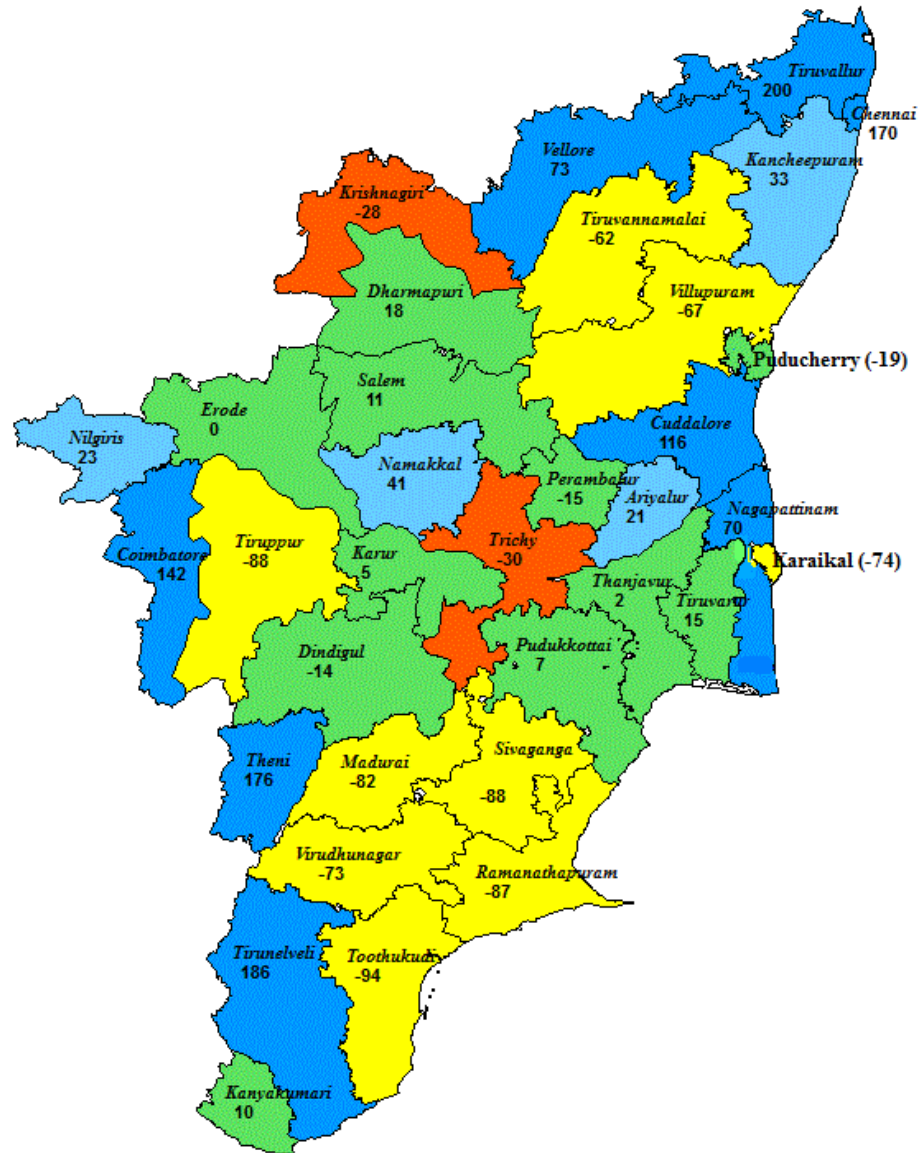
In calculation of excess, deficits and their percentage, rainfall figures are taken to 0.1 mm

INDIA METEOROLOGICAL DEPARTMENT

RMC CHENNAI

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

WEEK ENDING ON : 23.08.2017



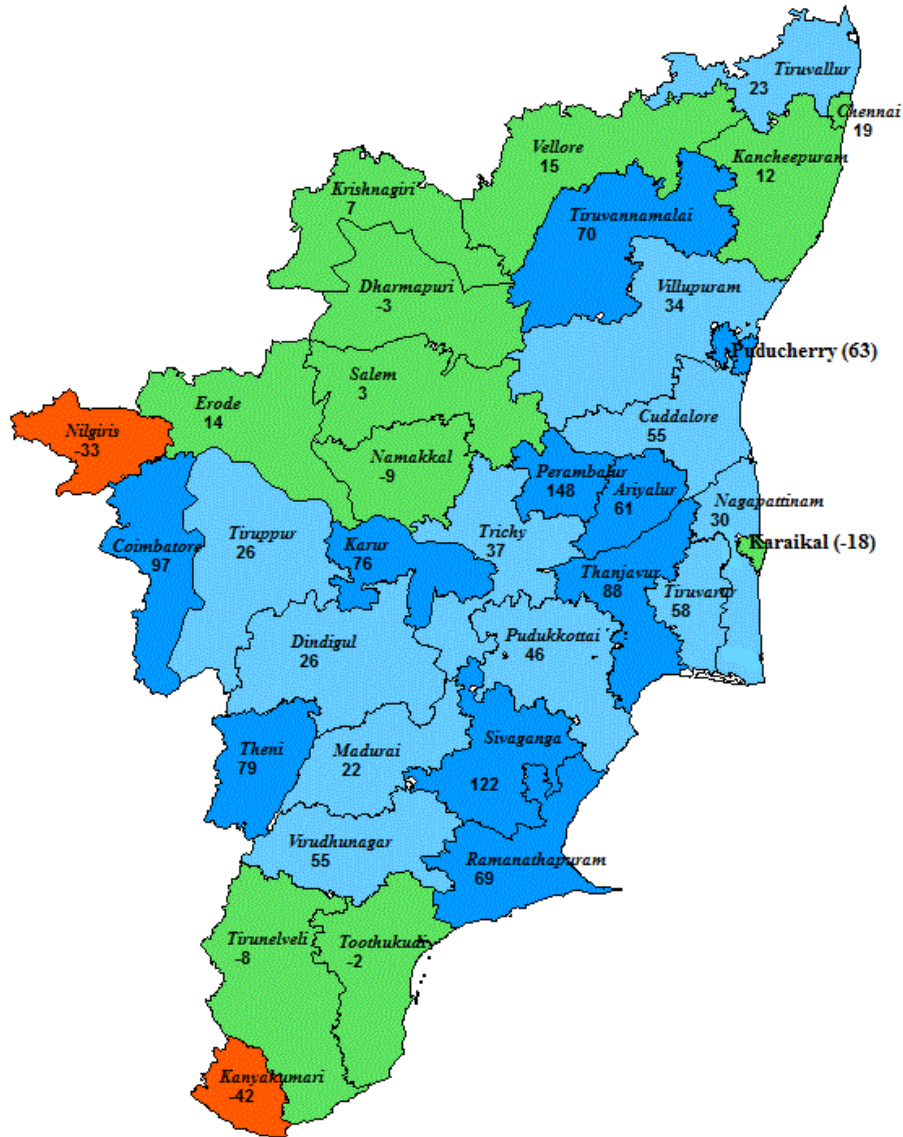
LEGEND: ■ L. EXCESS (+60% OR MORE) ■ EXCESS (+20% TO +59%) ■ NORMAL (+19% TO -19%)
 ■ DEFICIENT (-20% TO -59%) ■ L. DEFICIENT (-60% TO -99%) ■ NO RAIN (-100%) ■ NO DATA

INDIA METEOROLOGICAL DEPARTMENT

RMC CHENNAI

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

PERIOD : 01.06.2017 - 23.08.2017



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