

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 26TH SEPTEMBER 2018 / 04TH ASVINA, 1940 (SAKA)
SUMMARY OF WEATHER

Week's Rainfall:

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

CHIEF AMOUNT OF RAINFALL (IN CM) RECORDED ON:

20/09/2018:Paramakudi (Ramanathapuram Dist) 6, Karaikudi (Sivaganga Dist) 4, Illayangudi (Sivaganga Dist), Kovilankulam (Virudhunagar Dist), Vaniyambadi (Vellore Dist), Tirumangalam (Madurai Dist) 2 each, Thiruchuzhi (Virudhunagar Dist), Tirupuvanam (Sivaganga Dist), Arimalam (Pudukkottai Dist), Kadaladi (Ramanathapuram Dist), Airport Madurai (Madurai Dist), Mudukulatur (Ramanathapuram Dist), Valparai pto (Coimbatore Dist) 1 each.

21/09/2018:Chengam (Tiruvannamalai Dist) 5, Tirumangalam (Madurai Dist) 4, Pochampalli (Krishnagiri Dist), Chittampatti (Madurai Dist), Hosur (Krishnagiri Dist), Ambasamudram (Tirunelveli Dist), Barur (Krishnagiri Dist), Tirupattur (Vellore Dist), Paiyur AWS (Krishnagiri Dist), Penucondapuram (Krishnagiri Dist) 3 each, Uthangarai (Krishnagiri Dist), Tiruvannamalai (Tiruvannamalai Dist), Pechiparai (Kanyakumari Dist), Papanasam (Tirunelveli Dist), Polur (Tiruvannamalai Dist), Periyar (Theni Dist), Kuzhithurai (Kanyakumari Dist), Cheranmahadevi (Tirunelveli Dist), Anjatti (Krishnagiri Dist) 2 each, Sathanur Dam (Tiruvannamalai Dist), Shoolagiri (Krishnagiri Dist), Tirupathur pto (Vellore Dist), Manimutharu (Tirunelveli Dist), Alangayam (Vellore Dist), Harur (Dharmapuri Dist), Eraniel (Kanyakumari Dist), Thuckalay (Kanyakumari Dist), Tindivanam (Villupuram Dist), Kadaladi (Ramanathapuram Dist), Thenkasi (Tirunelveli Dist) 1 each.

22/09/2018:Pochampalli (Krishnagiri Dist) 2, Thamaraipakkam (Tiruvallur Dist), Tiruttani (Tiruvallur Dist) 1 each.

23/09/2018:Musiri (Trichy Dist), Rasipuram (Namakkal Dist), Yercaud (Salem Dist) 7 each, Chittampatti (Madurai Dist) 4, Kulithalai (Karur Dist) 3, Pappireddipatti (Dharmapuri Dist), Thuraiyur (Trichy Dist), Salem (Salem Dist), Vazhapadi (Salem Dist), Kollimalai arg (Namakkal Dist), Illayangudi (Sivaganga Dist) 2 each, Tirumayam (Pudukkottai Dist), Marandahalli (Dharmapuri Dist), Kodumudi (Erode Dist), Tozhudur (Cuddalore Dist), Mangalapuram (Namakkal Dist), Thathiengrpet (Trichy Dist) 1 each.

24/09/2018:Rajapalayam (Virudhunagar Dist), Avinasi (Tiruppur Dist) 11 each, Srivilliputhur (Virudhunagar Dist) 9, Dindigul (Dindigul Dist), Andipatti (Theni Dist) 8 each, Peraiyur (Madurai Dist), Coonoor pto (Nilgiris Dist), K bridge (Nilgiris Dist) 7 each, Bhavanisagar (Erode Dist), Kothagiri (Nilgiris Dist), Kamatchipuram (Dindigul Dist), Chinnakalar (Coimbatore Dist), Sholavandan (Madurai Dist), Sathyamangalam (Erode Dist) 6 each, Kumarapalayam (Namakkal Dist), Sivagiri (Tirunelveli Dist), Kalugumalai (Toothukudi Dist), Sankaridurg (Salem Dist), Valparai pto (Coimbatore Dist), Nilakottai (Dindigul Dist), Perundurai (Erode Dist) 5 each, Vedasandur (Dindigul Dist), Coonoor (Nilgiris Dist) 4 each, Annur (Coimbatore Dist), Valparai taluk office (Coimbatore Dist), Periyakulam (Theni Dist), Periyakulam AWS (Theni Dist), Kodaikanal (Dindigul Dist), Chatrapatti (odanchatra (Dindigul Dist), Ambasamudram (Tirunelveli Dist), Periyanaickenpalayam (Coimbatore Dist), Bhavani (Erode Dist), Hogenekal (Dharmapuri Dist), Mettupalayam (Coimbatore Dist), Mettur (Salem Dist), Thenkasi (Tirunelveli Dist), Bodinayakanur arg (Theni Dist), Tiruppur (Tiruppur Dist), Erode (Erode Dist), Watrap (Virudhunagar Dist) 3 each, Gudalur (Theni Dist), Vadipatti (Madurai Dist), Sankarankoil (Tirunelveli Dist), Mulanur (Tiruppur Dist), Anjatti (Krishnagiri Dist), Cheranmahadevi (Tirunelveli Dist), Sivakasi (Virudhunagar Dist), Periyar (Theni Dist), Uthagamandalam (Nilgiris Dist), Devala (Nilgiris Dist), K.paramathi (Karur Dist), Aranmanaipudur (Theni Dist), Sular (Coimbatore Dist), G Bazar (Nilgiris Dist), Dharapuram (Tiruppur Dist) 2 each, Pudukottai (Pudukkottai Dist), Gobichettipalayam (Erode Dist), Madurai south (Madurai Dist), Perambalur (Perambalur Dist), Usilampatti (Madurai Dist), Mudukulatur (Ramanathapuram Dist), Thalavadi (Erode Dist), Ketti (Nilgiris Dist), Bodinaickanur (Theni Dist), Chittampatti (Madurai Dist), Palani (Dindigul Dist), Pechiparai (Kanyakumari Dist), Aravakurichi (Karur Dist), Paramathivelur (Namakkal Dist), Palayamkottai (Tirunelveli Dist), Ap peelamedu (Coimbatore Dist), Coimbatore south (Coimbatore Dist), Kovilpatti (Toothukudi Dist), Virudhunagar (Virudhunagar Dist), Coimbatore AWS (Coimbatore Dist), Tiruchengode (Namakkal Dist), Padalur (Perambalur Dist), Alangayam (Vellore Dist) 1 each.

25/09/2018:Hosur (Krishnagiri Dist) 8, Coimbatore AWS (Coimbatore Dist) 6, Valparai pto (Coimbatore Dist) 5, G Bazar (Nilgiris Dist), Ap peelamedu (Coimbatore Dist), Shoologiri (Krishnagiri Dist), K.paramathi (Karur Dist), Coimbatore south (Coimbatore Dist), Erode (Erode Dist) 3 each, Thalavadi (Erode Dist), Thali (Krishnagiri Dist), Aravakurichi (Karur Dist), Yercaud (Salem Dist) 2 each, Thuckalay (Kanyakumari Dist), Anjatti (Krishnagiri Dist), Pudukottai (Pudukkottai Dist), Valparai taluk office (Coimbatore Dist), Devala (Nilgiris Dist), Periyakulam AWS (Theni Dist), Mettur (Salem Dist), Bhavani (Erode Dist), Kuzhithurai (Kanyakumari Dist), Kothagiri (Nilgiris Dist), Kumarapalayam (Namakkal Dist), Chinnakalar (Coimbatore Dist), Pollachi (Coimbatore Dist), Gudalur (Theni Dist) 1 each.

26/09/2018:Mettur (Salem Dist), Srivaikuntam (Toothukudi Dist), Periyanaickenpalayam (Coimbatore Dist), Maniyachi (Toothukudi Dist), Coonoor (Nilgiris Dist), Coimbatore AWS (Coimbatore Dist) 4 each, Coonoor pto (Nilgiris Dist), K bridge (Nilgiris Dist), Tirumangalam (Madurai Dist) 3 each, Madurai south (Madurai Dist), Hogenekal (Dharmapuri Dist), Bodinaickanur (Theni Dist), Sathyamangalam (Erode Dist), Naduvattam (Nilgiris Dist), Mettupatti (Madurai Dist), Nanguneri (Tirunelveli Dist), Peraiyur (Madurai Dist) 2 each, Aravakurichi (Karur Dist), Thalavadi (Erode Dist), Kodumudi (Erode Dist), G Bazar (Nilgiris Dist), Ambasamudram (Tirunelveli Dist), Kumarapalayam (Namakkal Dist), Bodinayakanur arg (Theni Dist), Thiruchuzhi (Virudhunagar Dist), Kangeyam (Tiruppur Dist), Pochampalli (Krishnagiri Dist), Erode (Erode Dist), Devala (Nilgiris Dist), Airport Madurai (Madurai Dist) 1 each.

Season's Rainfall for the period from 01.06.2018 to 26.09.2018:

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

Chief synoptic features and its associated weather:

Last week's well marked low pressure area over East-central Bay and neighbourhood concentrated in to a depression at 1500 UTC of 19th. Moved further West-Northwest-wards and intensified into a deep depression and lay central at 0300 UTC of 20th near Latitude 17.5° N 87.0° E over West-central Bay of Bengal about 310 kilometers East-Southeast of Kalingapattinam on 20th. Moved further North-West-wards and intensified in to a cyclonic storm "DAYE" at 1500 UTC of 20th and lay over Northwest Bay of Bengal. It moved further West-Northwest-wards and crossed South Odisha and adjoining North Andhra Pradesh Coast close to Gopalpur between 1900 to 2000 UTC of 20th.

Last week's Upper air trough along latitude 09° N ran roughly along latitude 16° N between 1.5 and 7.6 kilometers above mean sea level on 20th.

An upper air cyclonic circulation lay over Lakshadweep area and adjoining South Kerala coast at 7.6 kilometers above mean sea level on 21st.

An upper air cyclonic circulation lay over North coastal Karnataka and neighbourhood between 2.1 and 4.5 kilometers above mean sea level on 23rd and over East-Central Arabian sea off Karnataka coast between 2.1 and 4.5 kilometers above mean sea level on 24th.

An upper air cyclonic circulation lay over South interior Karnataka and neighbourhood and extended up to 1.5 kilometers above mean sea level on 24th.

A North-South trough ran from North Interior Karnataka to Gulf of Mannar across South Interior Karnataka and Tamil Nadu and extended up to 1.5 kilometers above mean sea level on 24th, from South interior Karnataka to Gulf of Mannar across Interior Tamil Nadu and extended up to 1.5 kilometers above mean sea level on 25th and from Telangana to gulf of Mannar across Rayalaseema and Coastal Tamilnadu at 0.9 kilometers above mean sea level on 26th.

An upper air cyclonic circulation lay over Southwest Bay of Bengal off Tamil Nadu coast between 1.5 and 3.6 kilometers above mean sea level on 26th.

An East-West trough ran roughly along latitude 11°N at 1.5 kilometers above mean sea level on 26th.

Rainfall:

Rainfall occurred at a few places over the state on 24th and at one or two places on the remaining days of the week.

Regional Meteorological Centre,
College Road, Chennai-6.
Date: 26.09.2018

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

RAINFALL STATEMENT

Districts	Rainfall for the week ending 26 th September 2018			Seasonal rainfall for the period from 01.06.2018 to 26.09.2018		
	Actual (mm)	Normal (mm)	Departure (%)	Actual (mm)	Normal (mm)	Departure (%)
Ariyalur	0	32.8	-100	216.6	372.6	-42
Chennai	3.2	28.1	-89	395.2	417.1	-5
Coimbatore	45.4	19.2	137	589.0	175.3	236
Cuddalore	1.3	34.8	-96	271.4	362.9	-25
Dharmapuri	15.3	42.8	-64	169.3	371.4	-54
Dindigul	43.2	32	35	186.8	274.6	-32
Erode	48.2	29.1	65	185.8	212.5	-13
Kancheepuram	0.2	35.1	-99	394.8	462.9	-15
Kanyakumari	13.9	32.6	-57	556.3	458.5	21
Karaikal	0	32	-100	115.1	284.7	-60
Karur	18	28.8	-37	117.1	197.3	-41
Krishnagiri	34.6	46.9	-26	214.8	369.9	-42
Madurai	43.9	29.9	47	221.6	314.6	-30
Nagapattinam	0	26.2	-100	148.5	271.9	-45
Namakkal	24.2	33.8	-28	227.7	319.8	-29
Nilgiris	53.7	39.2	37	825.0	737.7	12
Perambalur	7.8	33	-77	168.9	272.8	-38
Puducherry	0	30.7	-100	368.7	371.5	-1
Pudukottai	6.8	28	-76	265.0	329.6	-20
Ramanathapuram	10.8	20	-46	78.3	140.6	-44
Salem	29.1	41.2	-29	320.9	417.9	-23
Sivaganga	13.8	25.2	-45	278.3	284.3	-2
Thanjavur	0.3	28	-99	141.2	301.5	-53
Theni	38.8	24.3	60	411.1	145.7	182
Tirunelveli	26.7	12.7	110	309.9	132.6	134
Tiruppur	34.2	22.6	51	94.2	140.9	-33
Tiruvallur	3.1	32.2	-90	363.0	425.6	-15
Tiruvannamalai	17.3	38.8	-55	306.9	443.5	-31
Tiruvarur	1.2	28.7	-96	160.5	280.3	-43
Toothukudi	14.1	9.8	44	54.7	67.6	-19
Tiruchirapalli	9.2	30.8	-70	127.5	275.8	-54
Vellore	6.3	41	-85	316.8	442.0	-28
Villupuram	2.1	34.9	-94	244.3	387.9	-37
Virudhunagar	31.4	24.4	29	203.0	180.4	13
Tamilnadu	20.4	30.3	-33	255.6	302.5	-16
Tamilnadu and Puducherry	20.3	30.3	-33	255.7	302.6	-16

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 %

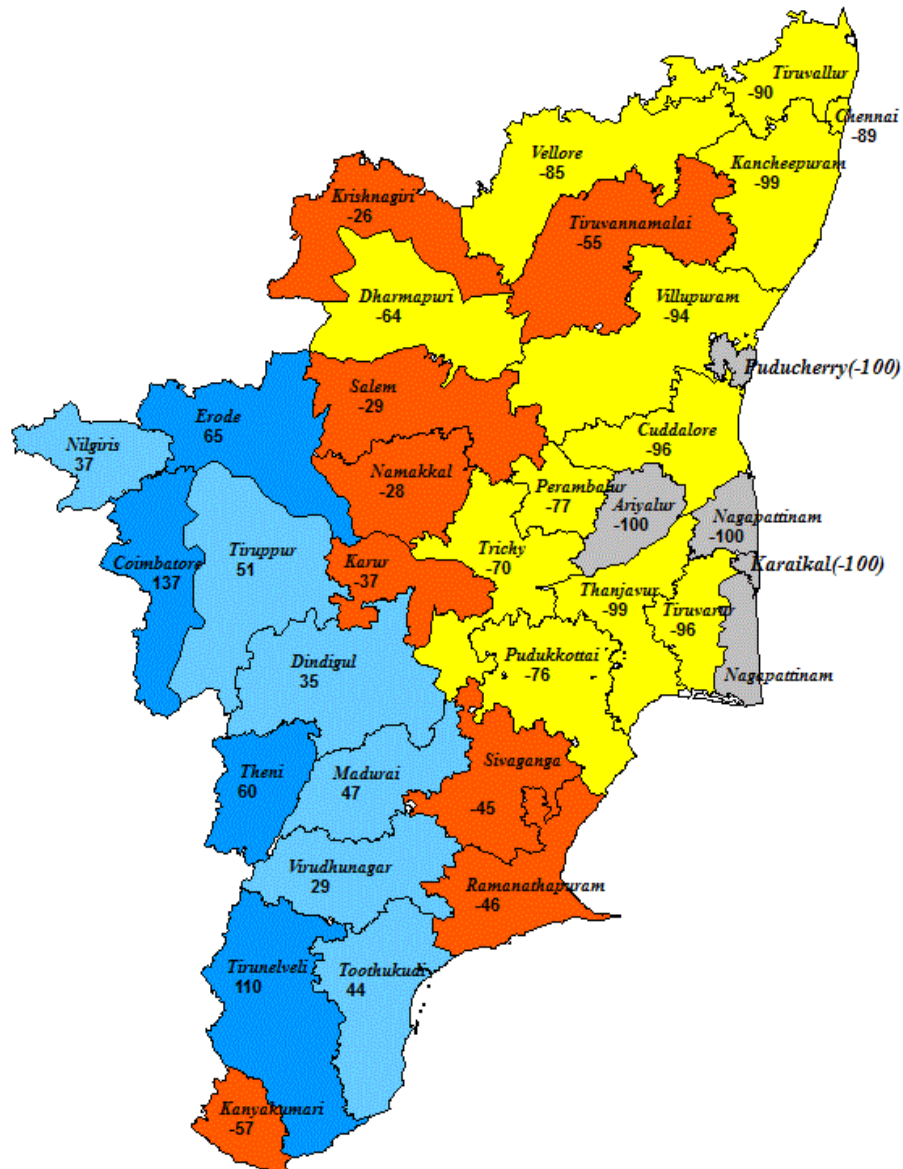
In calculation of excess, deficits and their percentage, rainfall figures are taken to 0.1 mm.

INDIA METEOROLOGICAL DEPARTMENT

RMC CHENNAI

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

WEEK ENDING ON : 26.09.2018



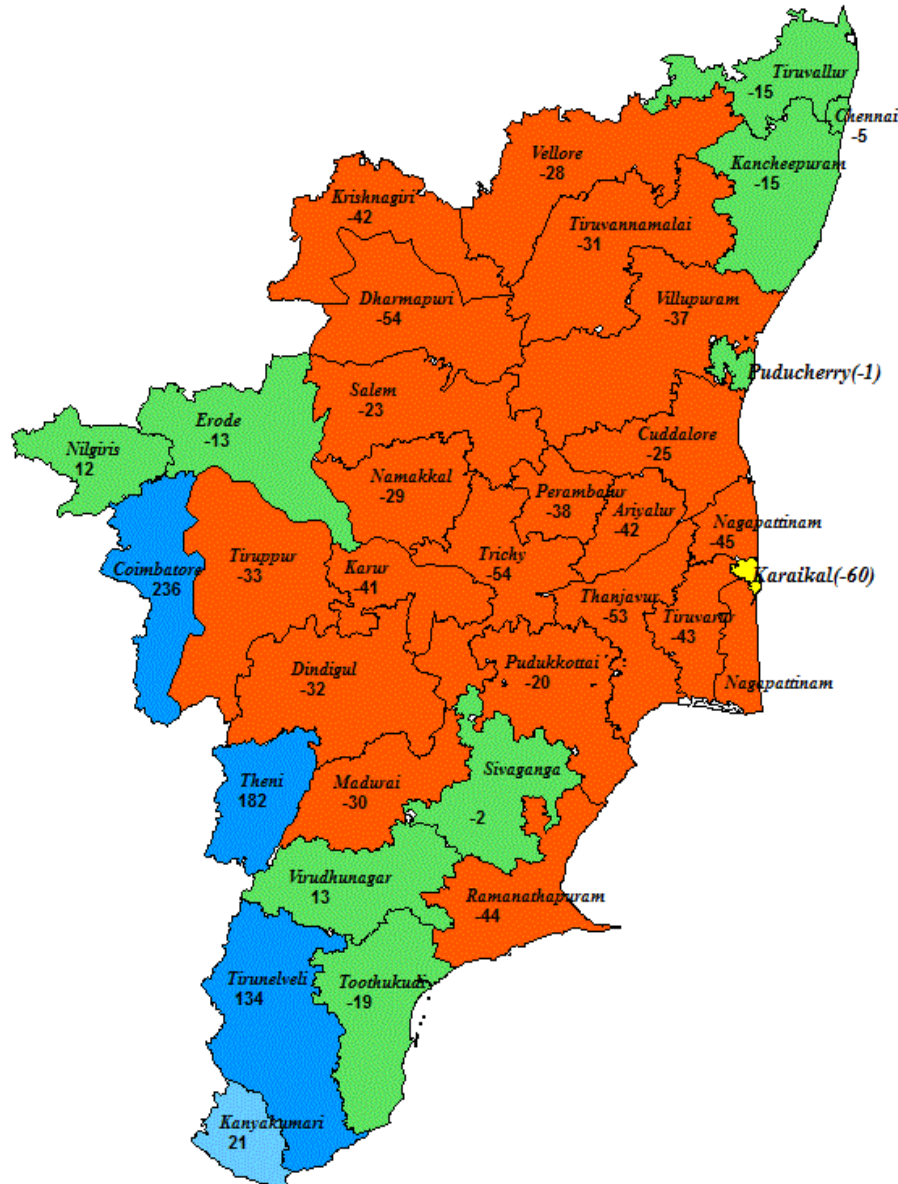
LEGEND: ■ L. EXCESS (+60% OR MORE) ■ EXCESS (+20% TO +59%) ■ NORMAL (+19% TO -19%)
■ DEFICIENT (-20% TO -59%) ■ L. DEFICIENT (-60% TO -99%) ■ NO RAIN [-100%] NO DATA

INDIA METEOROLOGICAL DEPARTMENT

RMC CHENNAI

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

PERIOD : 01.06.2018 - 26.09.2018



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