

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 21ST MARCH 2018 / 30TH PHALGUNA, 1939 (SAKA)
SUMMARY OF WEATHER

Week's Rainfall:

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

The chief amounts of rainfall recorded in Centimetres:

15/03/2018: Rameswaram (Ramanathapuram Dist) 5, Tirupathur (Sivaganga Dist) 4, R.s.mangalam (Ramanathapuram Dist), Papanasam (Tirunelveli Dist) 3 each, Manamadurai (Sivaganga Dist), Sankarankoil (Tirunelveli Dist), Thenkasi (Tirunelveli Dist), Mulanur (Tiruppur Dist), Kangeyam (Tiruppur Dist), Ayikudi (Tirunelveli Dist) 2 each, Watrap (Virudhunagar Dist), Srivilliputhur (Virudhunagar Dist), Rajapalayam (Virudhunagar Dist), Dharapuram (Tiruppur Dist), Valparai taluk office (Coimbatore Dist), Karaikudi (Sivaganga Dist), Nanguneri (Tirunelveli Dist), Tondi (Ramanathapuram Dist), Sivakasi (Virudhunagar Dist), Periyanaickenpalayam (Coimbatore Dist), Chinnakalar (Coimbatore Dist), Cheranmahadevi (Tirunelveli Dist), Kothagiri (Nilgiris Dist), Tiruppur (Tiruppur Dist), Sattur (Virudhunagar Dist), Marungapuri (Trichy Dist), Manapparai (Trichy Dist), K bridge (Nilgiris Dist), Ketti (Nilgiris Dist), Aravakurichi (Karur Dist), Grand anaicut (Thanjavur Dist) 1 each.

16/03/2018: Kovilankulam (Virudhunagar Dist) 4, Nannilam (Tiruvarur Dist) 3, Marandahalli (Dharmapuri Dist), Pechiparai (Kanyakumari Dist) 2 each, Virudhunagar (Virudhunagar Dist), K bridge (Nilgiris Dist), Denkanikottai (Krishnagiri Dist), Bhavanisagar (Erode Dist), Periyanaickenpalayam (Coimbatore Dist), Aduthurai AWS (Thanjavur Dist), Karaikudi (Sivaganga Dist), Ketti (Nilgiris Dist), Trp town (Trichy Dist), Suler (Coimbatore Dist) 1 each.

17/03/2018: Tirupattur (Vellore Dist) 8, Omalur (Salem Dist) 7, Tiruttani (Tiruvallur Dist), Yercaud (Salem Dist), Alangayam (Vellore Dist), Gudiyatham (Vellore Dist), Tindivanam (Villupuram Dist) 6 each, Vazhapadi (Salem Dist) 5, Tiruvannamalai (Tiruvannamalai Dist), Chengam (Tiruvannamalai Dist), Barur (Krishnagiri Dist), Vellore (Vellore Dist), Arani (Tiruvannamalai Dist), Polur (Tiruvannamalai Dist), Penucondapuram (Krishnagiri Dist), Uthangarai (Krishnagiri Dist), Mangalapuram (Namakkal Dist) 4 each, Cheyyar (Tiruvannamalai Dist), Pochampalli (Krishnagiri Dist), Pondicherry (Puducherry Dist), Vandavasi (Tiruvannamalai Dist), Valparai pto (Coimbatore Dist), R.k.pet (Tiruvallur Dist), Virinjipuram AWS (Vellore Dist), Cheyyur

(Kancheepuram Dist), Cuddalore (Cuddalore Dist), Pappireddipatti (Dharmapuri Dist), Krishnagiri (Krishnagiri Dist), Salem (Salem Dist), Tiruvallur (Tiruvallur Dist) 3 each, Kaveripakkam (Vellore Dist), Ambur (Vellore Dist), Manamelkudi (Pudukkottai Dist), Sholingur (Vellore Dist), Rameswaram (Ramanathapuram Dist), Shoolagiri (Krishnagiri Dist), Valparai taluk office (Coimbatore Dist), Vanur (Villupuram Dist), Chinnakalar (Coimbatore Dist), Arakonam (Vellore Dist) 2 each, Mayanur (Karur Dist), Hosur (Krishnagiri Dist), Thali (Krishnagiri Dist), Puzhal arg (Tiruvallur Dist), Vaniaymbadi (Vellore Dist), Paramathivelur (Namakkal Dist), Naduvattam (Nilgiris Dist), Kancheepuram (Kancheepuram Dist), Thalavadi (Erode Dist), Denkanikottai (Krishnagiri Dist), Wallajah (Vellore Dist), Sankarapuram (Villupuram Dist), Melalathur (Vellore Dist), Rasipuram (Namakkal Dist), Coonoor (Nilgiris Dist), Vilupuram (Villupuram Dist), Mahabalipuram (Kancheepuram Dist), Satyabama uty arg (Kancheepuram Dist), Mylam AWS (Villupuram Dist), Mettur (Salem Dist), Panchapatti (Karur Dist), Gingee (Villupuram Dist), Attur (Salem Dist), Chengalpattu (Kancheepuram Dist), Kolapakkam arg (Kancheepuram Dist), Perungalur (Pudukkottai Dist), Parangipettai (Cuddalore Dist), Ponneri (Tiruvallur Dist), Thammampatty (Salem Dist), Tiruchengode (Namakkal Dist), Red hills (Tiruvallur Dist) 1 each.

18/03/2018: Thenkasi (Tirunelveli Dist) 7, Ayikudi (Tirunelveli Dist) 6, Tirupuvanam (Sivaganga Dist), Papanasam (Tirunelveli Dist), Kovilpatti (Toothukudi Dist) 5 each, Andipatti (Theni Dist), Shencottah (Tirunelveli Dist) 4 each, Thuraiyur (Trichy Dist), Pechiparai (Kanyakumari Dist), Perambalur (Perambalur Dist), Thali (Krishnagiri Dist) 3 each, Watrap (Virudhunagar Dist), Marandahalli (Dharmapuri Dist), Kothagiri (Nilgiris Dist), Uthagamandalam (Nilgiris Dist), Periyakulam AWS (Theni Dist), Hogenekal (Dharmapuri Dist), Sethiathope (Cuddalore Dist), Gudalur (Theni Dist) 2 each, Denkanikottai (Krishnagiri Dist), Peraiyur (Madurai Dist), Nannilam (Tiruvarur Dist), Chinnakalar (Coimbatore Dist), Sivaganga (Sivaganga Dist), Musiri (Trichy Dist), Thathiengrpet (Trichy Dist), Ulundurpet (Villupuram Dist), Nagercoil (Kanyakumari Dist), Kulithalai (Karur Dist), Uttamapalayam (Theni Dist), Tirukoilur (Villupuram Dist), Krishnagiri (Krishnagiri Dist), ChiDambaram (Cuddalore Dist), Ketti (Nilgiris Dist), Sankarankoil (Tirunelveli Dist), Nilakottai (Dindigul Dist), Paramakudi (Ramanathapuram Dist), Sivagiri (Tirunelveli Dist) 1 each.

19/03/2018: Uthagamandalam (Nilgiris Dist) 5, Mettupalayam (Coimbatore Dist) 4, Periyar (Theni Dist), Periyakulam (Theni Dist), Periyanaickenpalayam (Coimbatore Dist) 3 each, Kodaikanal (Dindigul Dist), Pechiparai (Kanyakumari Dist) 2 each, Tiruchendur (Toothukudi Dist), Kuzhithurai (Kanyakumari Dist), Anjatti (Krishnagiri Dist) 1 each.

20/03/2018: None.

21/03/2018: None.

Season's Rainfall for the period from 01.03.2018 to 21.03.2018:

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

Chief synoptic features and its associated weather:

Last week's depression over Southeast Arabian sea weakened in to well marked low pressure area at 0000 hours UTC of 15th and lay over Lakshadweep area and adjoining Southeast Arabian sea at 0300 hours UTC with associated upper air cyclonic circulation extended upto mid-tropospheric levels on 15th, further weakened in to a low pressure area at 0000 hours UTC of 16th and lay over the same area with associated upper air cyclonic circulation extended upto 1.5 Kilometres above mean sea level on 16th. An Easterly and Westerly convergence zone lay over peninsular India on 16th. A cyclonic circulation lay over East-Central Arabian sea off Karnataka coast and extended upto 1.5 Kilometres above mean sea level on 17th. A trough in low level Easterlies ran from Comorin area to North Interior Karnataka across Interior Tamil Nadu and extended upto 0.9 Kilometres above mean sea level on 18th and from Southeast Arabian sea to North Interior Karnataka across Kerala and South Interior Karnataka on 19th. A cyclonic circulation lay over Southeast Arabian sea off Kerala coast and extended upto 0.9 Kilometres above mean sea level on 19th and 20th. A cyclonic circulation lay over Comorin area and neighbourhood and extended upto 0.9 Kilometres above mean sea level on 20th and extended upto 1.5 Kilometres above mean sea level on 21st. A feeble trough of low at mean sea level lay over Equatorial Indian Ocean and adjoining central parts of South Bay on 20th.

Temperature:

The maximum temperatures were markedly below normal at a few places over the state on 17th, at one or two places over north interior parts on 14th, appreciably below normal at one or two places on 15th and 18th, below normal at a few places on 19th, at one or two places over remaining parts on 14th and on 21st and above normal at one or two places on 16th during the week.

The minimum temperatures were appreciably above normal at a few places over the state on 16th, above normal at a few places on 15th and 17th, at one or two places on 18th and 19th, below normal at one or two places on 20th and 21st during the week.

Rainfall: Rainfall occurred at a few places over the state on 17th and 18th and isolated places on 15th, 16th and 19th and dry weather prevailed on 20th and 21st during this week.

Regional Meteorological Centre,
College Road, Chennai-6.
Date: 21.03.2018

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

RAINFALL STATEMENT

Districts	Rainfall for the week ending 21 st March 2018			Seasonal rainfall for the period from 01.03.2018 to 21.03.2018		
	Actual (mm)	Normal (mm)	Departure (%)	Actual (mm)	Normal (mm)	Departure (%)
Ariyalur	0.5	2.3	-78	4.5	9.6	-53
Chennai	2.9	0.3	875	2.9	1.8	63
Coimbatore	21.4	2.3	832	25.5	12.9	98
Cuddalore	6.7	0.9	645	7.4	11.6	-36
Dharmapuri	13.0	2.1	517	13.1	9.2	42
Dindigul	4.5	3.8	19	23.9	15.0	59
Erode	8.3	2.2	278	8.6	11.1	-22
Kancheepuram	7.9	0.3	2548	7.9	2.3	245
Kanyakumari	9.2	10.2	-10	30.8	26.2	18
Karaikal	0.4	0.6	-33	0.4	12.6	-97
Karur	7.7	0.7	995	12.3	6.1	102
Krishnagiri	27.2	1.2	2166	27.2	6.4	325
Madurai	3.1	4.1	-25	6.9	14.2	-51
Nagapattinam	1.3	0.7	86	1.3	14.1	-91
Namakkal	10.6	2.4	341	11.4	8.0	43
Nilgiris	26.7	4.7	468	34.3	26.1	31
Perambalur	9.3	1.7	449	12.3	6.8	81
Pudukottai	6.2	2.1	195	7.0	9.6	-28
Ramanathapuram	11.0	3.4	223	18.9	17.1	11
Salem	30.7	2.8	995	30.9	9.2	236
Sivaganga	21.6	2.7	698	26.9	12.7	112
Thanjavur	2.6	1.8	45	3.9	13.4	-71
Theni	20.5	6.6	210	28.6	23.8	20
Tirunelveli	30.3	9.2	230	102.6	34.2	200
Tiruppur	11.9	2.7	341	18.7	10.2	83
Tiruvallur	9.7	1.1	784	9.7	3.2	204
Tiruvannamalai	34.2	2.0	1611	34.2	8.5	303
Tiruvarur	6.0	2.0	198	7.6	12.3	-38
Toothukudi	6.6	6.0	10	65.4	22.4	192
Tiruchirapalli	8.8	1.3	573	9.9	7.7	28
Vellore	33.3	1.2	2677	33.3	5.2	541
Villupuram	13.5	0.8	1582	13.5	6.6	104
Virudhunagar	17.2	5.2	232	26.3	18.7	41
Puducherry	21.9	0.2	10222	33.6	16.1	109
Tamilnadu	15.2	2.9	430	24.2	12.5	94
Tamilnadu and Puducherry	15.2	2.9	432	24.2	12.5	94

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%

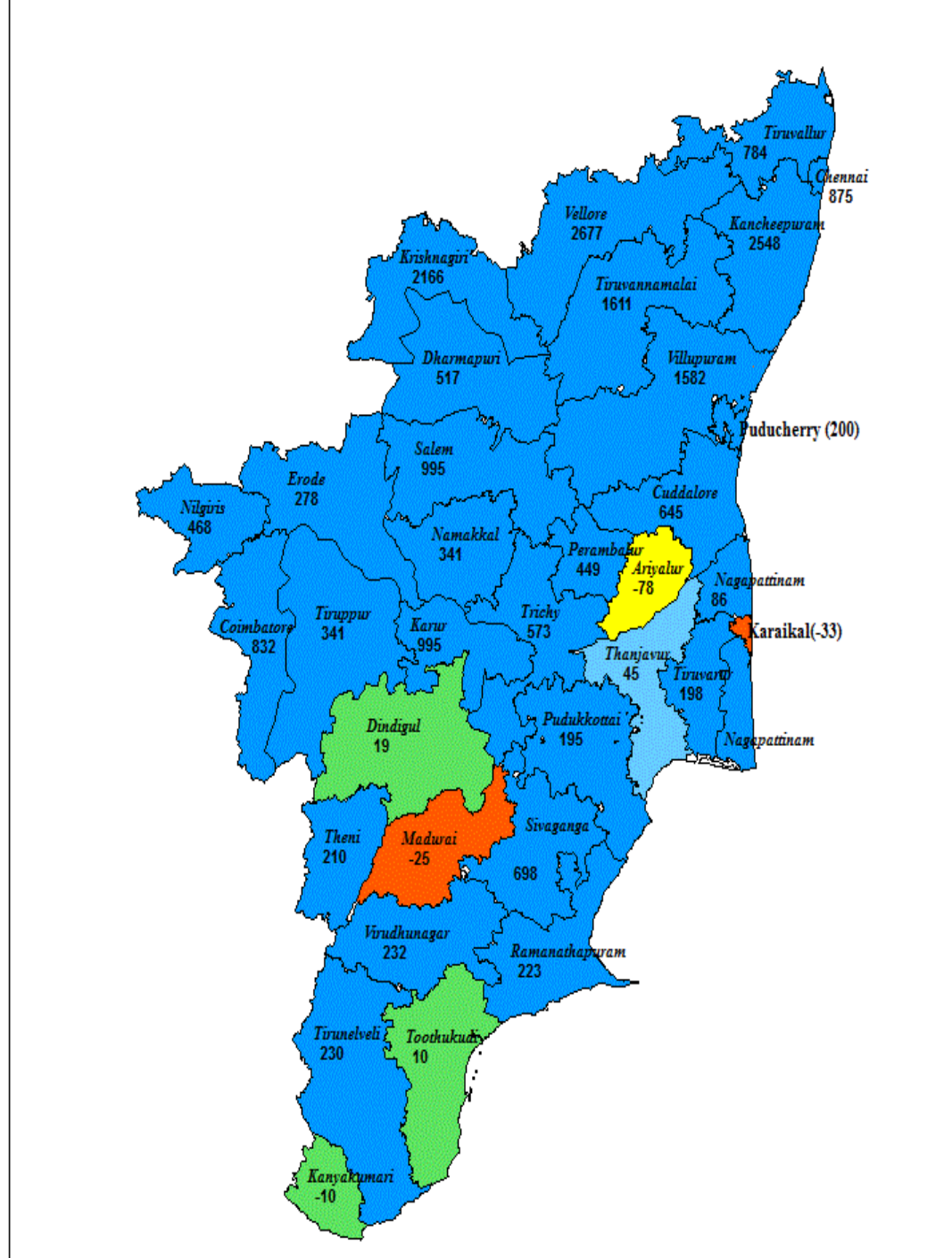
In calculation of excess, deficits and their percentage, rainfall figures are taken to 0.1 mm.

INDIA METEOROLOGICAL DEPARTMENT

RMC CHENNAI

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

WEEK ENDING ON : 21.03.2018



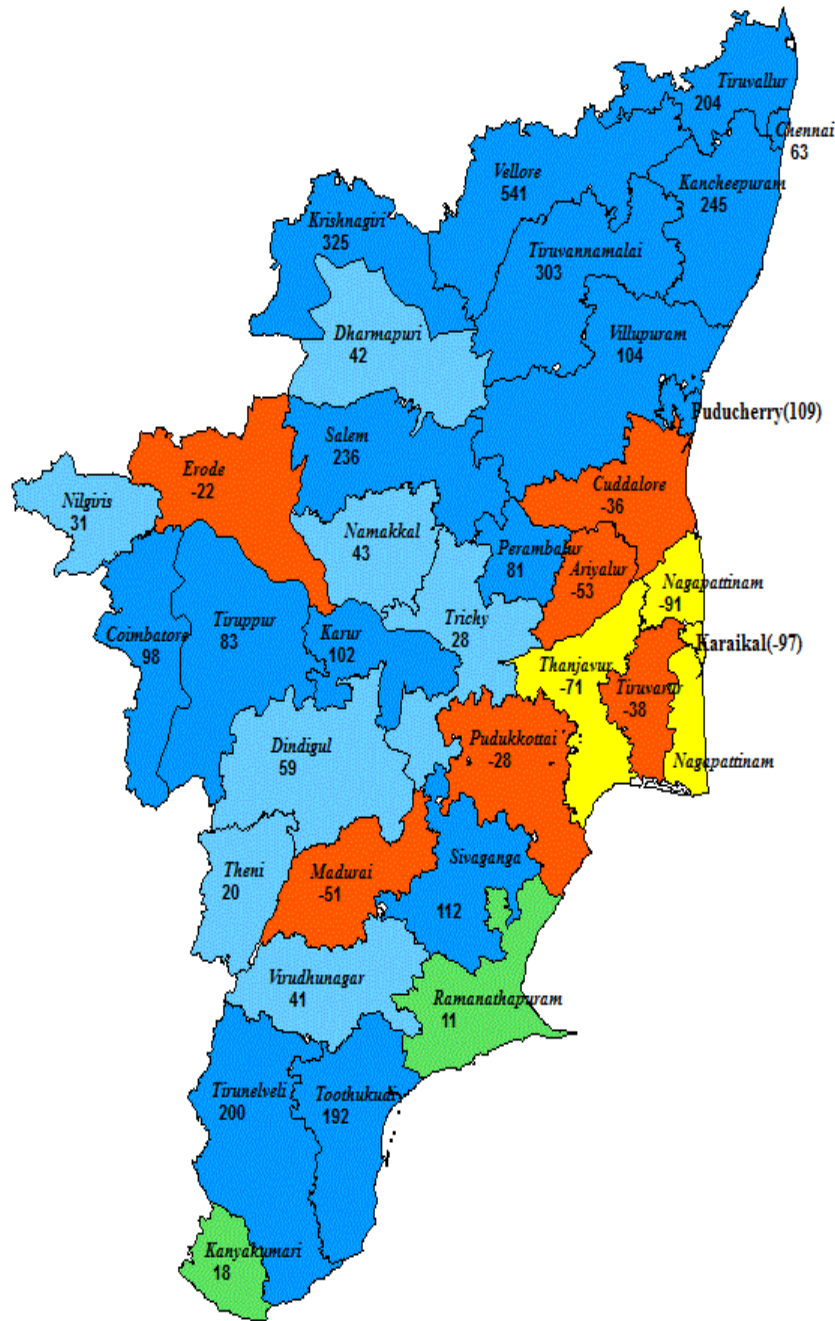
LEGEND: ■ L. EXCESS (+60% OR MORE) ■ EXCESS (+20% TO +59%) ■ NORMAL (+19% TO -19%)
■ DEFICIENT (-20% TO -59%) ■ L. DEFICIENT (-60% TO -99%) ■ NO RAIN (-100%) ■ NO DATA

INDIA METEOROLOGICAL DEPARTMENT

RMC CHENNAI

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

PERIOD : 01.03.2018 - 21.03.2018



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