

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 14TH MARCH 2018 / 23RD PHALGUNA, 1939 (SAKA)
SUMMARY OF WEATHER

Week's Rainfall:

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

The chief amounts of rainfall recorded in Centimetres:

13/03/2018: Papanasam (Tirunelveli Dist) 4, Tondi (Ramanathapuram Dist) 2, Pamban (Ramanathapuram Dist), Kamudhi (Ramanathapuram Dist), Manimutharu (Tirunelveli Dist), Cheranmahadevi (Tirunelveli Dist), Tirupuvanam (Sivaganga Dist), Manamadurai (Sivaganga Dist), Ilayangudi (Sivaganga Dist), Ambasamudram (Tirunelveli Dist), Kamudhi arg (Ramanathapuram Dist), Rameswaram (Ramanathapuram Dist), Kovilpatti (Toothukudi Dist), Tuticorin (Toothukudi Dist), Sivakasi (Virudhunagar Dist) 1 each.

14/03/2018: Tuticorin (Toothukudi Dist) 20, Papanasam (Tirunelveli Dist) 19, Shencottah (Tirunelveli Dist) 10, Srivaikuntam (Toothukudi Dist), Thenkasi (Tirunelveli Dist) 9 each, Tiruchendur (Toothukudi Dist) 8, Manimutharu (Tirunelveli Dist), Ambasamudram (Tirunelveli Dist) 7 each, Ayikudi (Tirunelveli Dist), Nanguneri (Tirunelveli Dist) 6 each, Ottapadiram (Toothukudi Dist), Cheranmahadevi (Tirunelveli Dist), Palayamkottai (Tirunelveli Dist) 5 each, Kamatchipuram (Dindigul Dist), Vilathikulam (Toothukudi Dist), Maniyachi (Toothukudi Dist), Surangudi (Toothukudi Dist), Satankulam (Toothukudi Dist) 4 each, Mylaudy (Kanyakumari Dist), Kodaikanal (Dindigul Dist), Kanyakumari (Kanyakumari Dist), Thuckalay (Kanyakumari Dist), Sankarankoil (Tirunelveli Dist), Srivilliputhur (Virudhunagar Dist) 3 each, Kuzhithurai (Kanyakumari Dist), K bridge (Nilgiris Dist), Aravakurichi (Karur Dist), Mulanur (Tiruppur Dist), Nagercoil (Kanyakumari Dist), Natham (Dindigul Dist), Dharapuram (Tiruppur Dist), Bhoothapandy (Kanyakumari Dist), Dindigul (Dindigul Dist), Watrap (Virudhunagar Dist), Rajapalayam (Virudhunagar Dist), Pechiparai (Kanyakumari Dist) 2 each, Kovilpatti (Toothukudi Dist), Thirumanur (Ariyalur Dist), Andipatti (Theni Dist), Nilakottai (Dindigul Dist), Dindigul arg (Dindigul Dist), Chatrapatti (odanchatra (Dindigul Dist), Colachel (Kanyakumari Dist), Radhapuram (Tirunelveli Dist), Thiruthuraipoondi (Tiruvarur Dist), Vedasandur (Dindigul Dist), Eraniel (Kanyakumari Dist), Ketti (Nilgiris Dist), Coonoor pto (Nilgiris Dist), Periyakulam (Theni Dist), Virudhunagar (Virudhunagar Dist), Valparai taluk office (Coimbatore Dist), Gudalur (Theni Dist), Kalugumalai (Toothukudi Dist), Sivagiri (Tirunelveli Dist), Kothagiri (Nilgiris Dist), Uttamapalayam (Theni Dist), Vadipatti (Madurai Dist), Coonoor (Nilgiris Dist), Pattukottai (Thanjavur Dist), Ap peelamedu (Coimbatore Dist), Peraiyur (Madurai Dist), Periyakulam AWS (Theni Dist) 1 each.

Season's Rainfall for the period from 01.03.2018 to 14.03.2018:

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

Chief synoptic features and its associated weather:

A trough of low at mean sea level lay over equatorial Indian Ocean and adjoining Southeast Bay of Bengal on 8th, over equatorial Indian ocean and adjoining central parts of South Bay of Bengal on 9th, organised into a low pressure area over Southwest Bay of Bengal off Srilanka and South Tamil Nadu coast with an upper air cyclonic circulation extended upto 5.8 Kilometres above mean sea level on 10th, over equatorial Indian ocean and Southeast Bay of Bengal and South Srilanka coast with an upper air cyclonic circulation extended upto mid tropospheric levels on 11th, became well marked low pressure area and lay over equatorial Indian ocean and South Srilanka, Comorin area and Maldives area with an upper air cyclonic circulation extended upto mid tropospheric levels on 12th. It concentrated into a Depression over Southeast Arabian sea and adjoining equatorial Indian ocean near Latitude 5.0 deg. North and Longitude 76.0 deg. East, about 480 Kilometres Southeast of Minicoy on 13th. The Depression moved Northwestwards and lay centred at 0300 UTC of 14th near Latitude 7.5 deg. North and Longitude 74.0 deg. East, about 130 Kilometres Southeast of Minicoy A trough of low at mean sea level ran from Lakshadweep area to Konkan along the West coast and extended upto 0.9 Kilometres above mean sea level on 8th and at mean sea level on 9th and 10th. Last week's upper air cyclonic circulation lay over Maldives and Comorin area and extended upto 0.9 Kilometres above mean sea level on 8th and 9th.

Temperature:

The maximum temperatures were above normal at one or two places over the state on 7th, 8th, 11th and below normal at one or two places on 9th, 10th, 12th. They were appreciably below normal at a few places over Interior Tamil Nadu on 13th during the week.

The minimum temperatures were appreciably below normal at a few places over northern parts of the state on 8th; at one or two places on 9th; below normal at one or two places over the state on 10th, 11th; above normal at a few places on 13th and at one or two places on 12th. They were above normal at one or two places over North Interior Tamil Nadu on 14th during the week.

Rainfall: Rainfall occurred at a few places over the state on 14th and at isolated places on 12th and 13th. Dry weather prevailed from 8th to 11th during the week.

RAINFALL STATEMENT

Districts	Rainfall for the week ending 14 th March 2018			Seasonal rainfall for the period from 01.03.2018 to 14.03.2018		
	Actual (mm)	Normal (mm)	Departure (%)	Actual (mm)	Normal (mm)	Departure (%)
Ariyalur	4.0	4.8	-16	4.0	7.3	-45
Chennai	0.0	1.2	-100	0.0	1.5	-100
Coimbatore	4.1	6.5	-38	4.1	10.6	-62
Cuddalore	0.7	5.5	-87	0.7	10.7	-94
Dharmapuri	0.1	2.9	-96	0.1	7.1	-98
Dindigul	18.1	5.5	230	19.3	11.2	73
Erode	0.3	6.0	-95	0.3	8.9	-97
Kancheepuram	0.0	1.4	-100	0.0	2.0	-100
Kanyakumari	21.6	9.6	125	21.6	16.0	35
Karaikal	0.0	8.4	-100	0.0	12.0	-100
Karur	4.7	2.6	79	4.7	5.4	-14
Krishnagiri	0.0	2.2	-100	0.0	5.2	-100
Madurai	3.8	4.6	-17	3.8	10.1	-62
Nagapattinam	0.0	7.2	-99	0.0	13.4	-99
Namakkal	0.9	2.7	-68	0.9	5.6	-85
Nilgiris	7.6	10.2	-26	7.6	21.4	-65
Perambalur	3.0	1.3	131	3.0	5.1	-41
Pudukottai	0.8	2.7	-72	0.8	7.5	-90
Ramanathapuram	7.3	6.7	9	7.9	13.7	-42
Salem	0.3	2.5	-90	0.3	6.4	-96
Sivaganga	5.3	4.2	27	5.3	10.0	-47
Thanjavur	1.3	5.6	-77	1.3	11.6	-89
Theni	7.7	7.9	-2	8.1	17.2	-53
Tirunelveli	72.3	13.0	456	72.3	25.0	189
Tiruppur	6.8	4.7	45	6.8	7.5	-9
Tiruvallur	0.0	1.2	-100	0.0	2.1	-100
Tiruvannamalai	0.0	2.8	-100	0.0	6.5	-100
Tiruvarur	1.7	5.2	-68	1.7	10.3	-84
Toothukudi	58.5	7.6	670	58.8	16.4	259
Tiruchirapalli	1.1	2.6	-58	1.1	6.4	-83
Vellore	0.0	1.9	-100	0.0	4.0	-100
Villupuram	0.0	2.8	-100	0.0	5.8	-100
Virudhunagar	9.1	5.1	78	9.1	13.5	-33
Puducherry	0.0	10.4	-100	0.0	16.1	-100
Tamilnadu	9.0	4.7	89	9.0	9.6	-6
Tamilnadu and Puducherry	8.9	4.7	88	9.0	9.6	-6

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 %

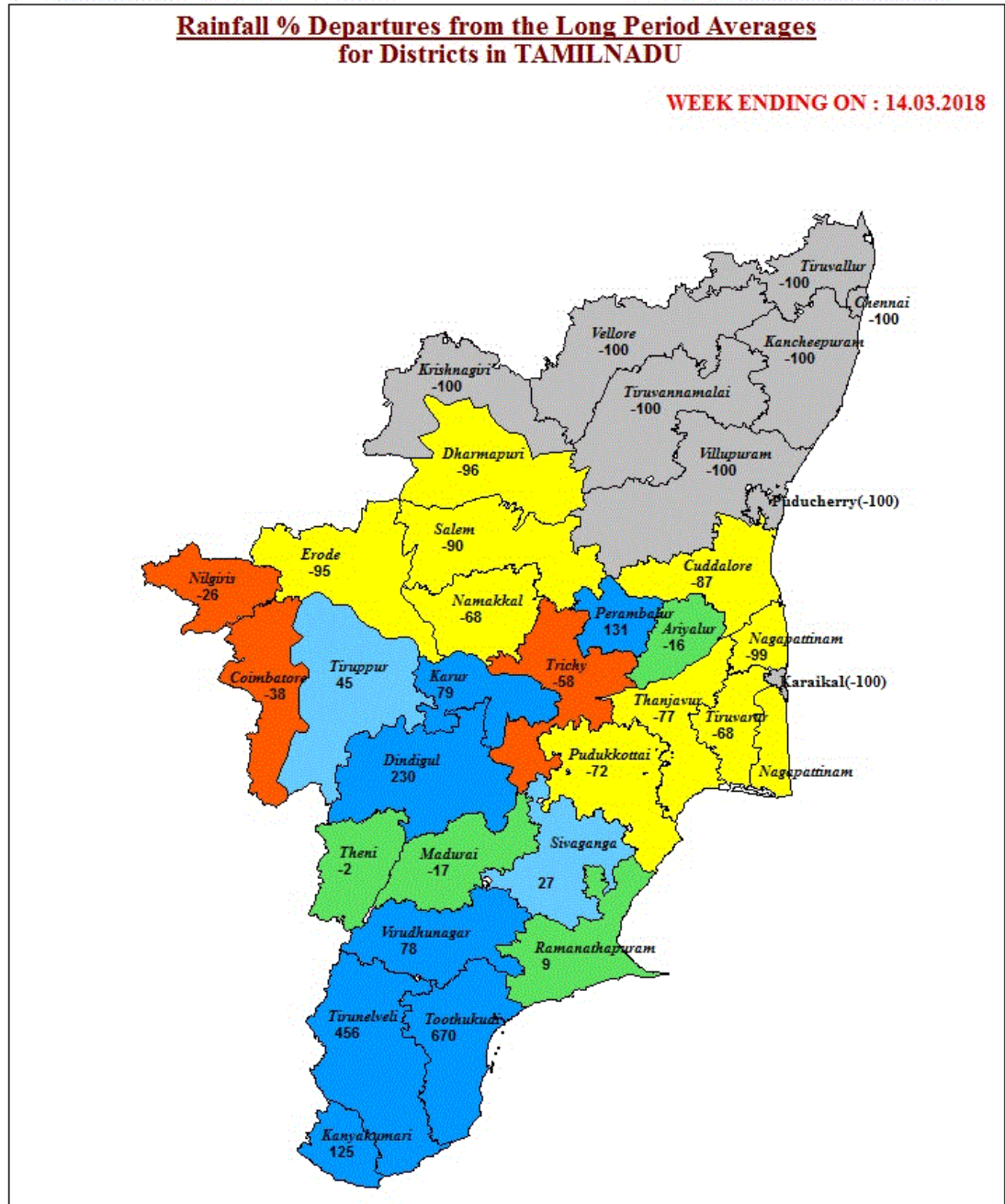
In calculation of excess, deficits and their percentage, rainfall figures are taken to 0.1 mm.

INDIA METEOROLOGICAL DEPARTMENT

RMC CHENNAI

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

WEEK ENDING ON : 14.03.2018



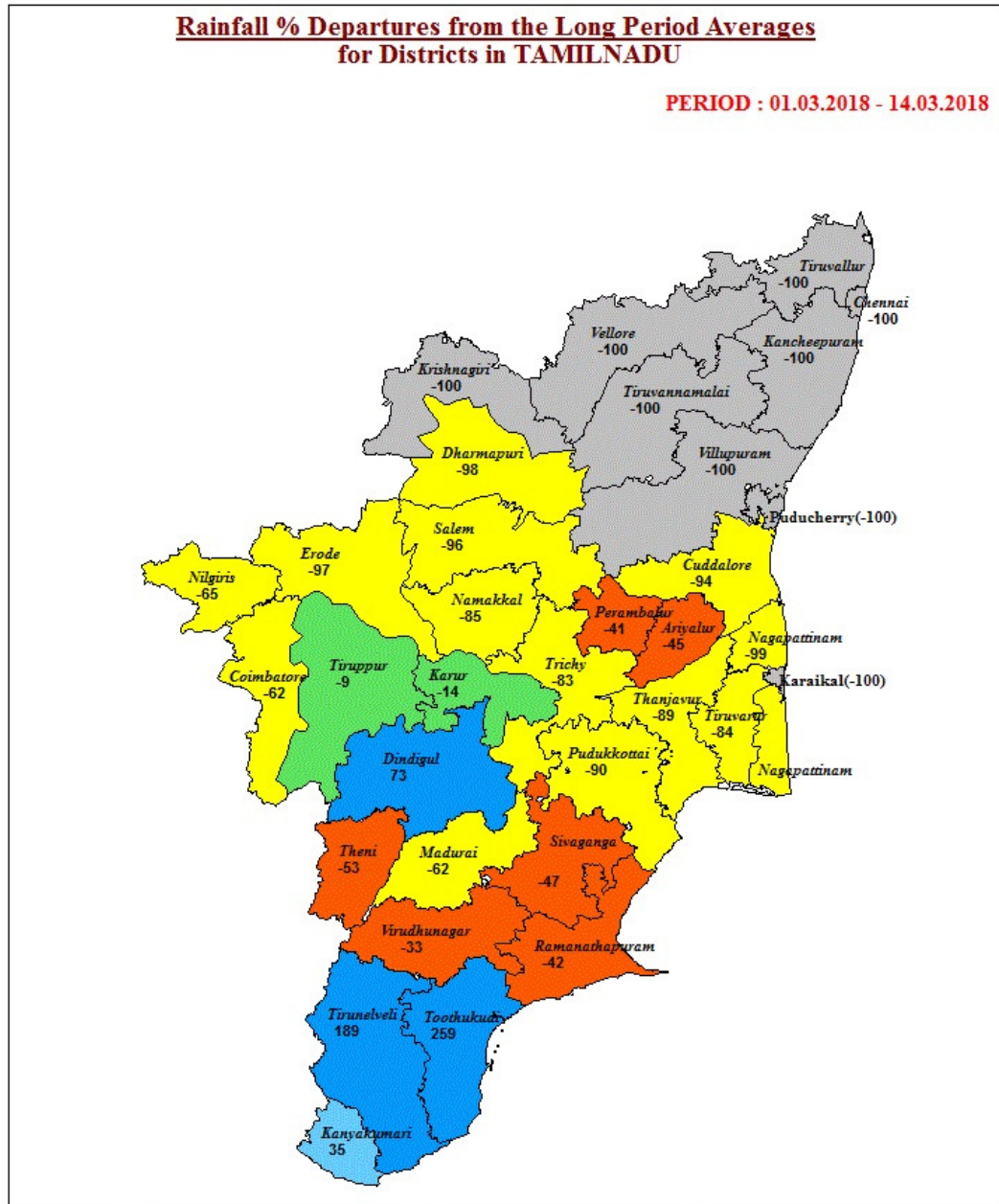
LEGEND: ■ L. EXCESS (+60% OR MORE) ■ EXCESS (+20% TO +59%) ■ NORMAL (+19% TO -19%)
 ■ DEFICIENT (-20% TO -59%) ■ L. DEFICIENT (-60% TO -99%) ■ NO RAIN (-100%) ■ NO DATA

INDIA METEOROLOGICAL DEPARTMENT

RMC CHENNAI

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

PERIOD : 01.03.2018 - 14.03.2018



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