

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 18TH APRIL 2018 / 28TH CHAITRA, 1940 (SAKA)
SUMMARY OF WEATHER

Week's Rainfall:

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

The chief amounts of rainfall recorded in Centimetres:

12/04/2018: Mettupalayam (Coimbatore Dist), Rajapalayam (Virudhunagar Dist), Kanyakumari (Kanyakumari Dist) 6 each, Thenkasi (Tirunelveli Dist), Watrap (Virudhunagar Dist), Vadipatti (Madurai Dist) 5 each, Kuzhithurai (Kanyakumari Dist), Tiruchendur (Toothukudi Dist) 4 each, Virudhunagar (Virudhunagar Dist), Peraiyur (Madurai Dist) 3 each, Sholavandan (Madurai Dist), Uttamapalayam (Theni Dist), Mylaudy (Kanyakumari Dist), Colachel (Kanyakumari Dist), Madukkur (Thanjavur Dist) 2 each, Ayikudi (Tirunelveli Dist), Manamelkudi (Pudukkottai Dist), Pattukottai (Thanjavur Dist), Kalugumalai (Toothukudi Dist) 1 each.

13/04/2018: Coonoor pto (Nilgiris Dist) 10, Kothagiri (Nilgiris Dist) 8, Sivagiri (Tirunelveli Dist) 7, K bridge (Nilgiris Dist) 5, Shencottah (Tirunelveli Dist) 4, Thenkasi (Tirunelveli Dist), Srivilliputhur (Virudhunagar Dist) 3 each, Ayikudi (Tirunelveli Dist), Periyakulam (Theni Dist), Palayamkottai (Tirunelveli Dist), Sankarankoil (Tirunelveli Dist), Coonoor (Nilgiris Dist), Bhoothapandy (Kanyakumari Dist), Cheranmahadevi (Tirunelveli Dist), Nagercoil (Kanyakumari Dist) 2 each, Peraiyur (Madurai Dist), Bodinayakanur arg (Theni Dist), Sivakasi (Virudhunagar Dist), Kalugumalai (Toothukudi Dist), Pollachi (Coimbatore Dist), Mettupalayam (Coimbatore Dist), Kuzhithurai (Kanyakumari Dist) 1 each.

14/04/2018: Vilathikulam (Toothukudi Dist) 11, Sivaganga (Sivaganga Dist) 10, Pattukottai (Thanjavur Dist), Coonoor (Nilgiris Dist), Coonoor pto (Nilgiris Dist), Bodinaickanur (Theni Dist) 6 each, Pechiparai (Kanyakumari Dist), Nagercoil (Kanyakumari Dist), Kamudhi (Ramanathapuram Dist) 5 each, Kovilpatti (Toothukudi Dist), Bhoothapandy (Kanyakumari Dist), Kalugumalai (Toothukudi Dist) 4 each, Colachel (Kanyakumari Dist), Peraiyur (Madurai Dist), Mettupalayam (Coimbatore Dist), Mudukulatur (Ramanathapuram Dist), Tuticorin (Toothukudi Dist), Thoothukudi port AWS (Toothukudi Dist), Srivilliputhur (Virudhunagar Dist) 3 each, Ambasamudram (Tirunelveli Dist), Periyanaickenpalayam (Coimbatore Dist), Ottapadiram (Toothukudi Dist), Airport Madurai (Madurai Dist), Thuckalay (Kanyakumari Dist), Manamadurai (Sivaganga Dist), Watrap (Virudhunagar Dist), Adirampatnam (Thanjavur Dist),

Kothagiri (Nilgiris Dist), Manimutharu (Tirunelveli Dist), Kadaladi (Ramanathapuram Dist), R.s.mangalam (Ramanathapuram Dist), Madukkur (Thanjavur Dist), Sholavandan (Madurai Dist), Rajapalayam (Virudhunagar Dist), Periyakulam (Theni Dist), Eraniel (Kanyakumari Dist) 2 each, Manamelkudi (Pudukkottai Dist), Tiruchendur (Toothukudi Dist), Periyar (Theni Dist), Srimushnam (Cuddalore Dist), Gandarvakottai (Pudukkottai Dist), Sankarankoil (Tirunelveli Dist), Sattur (Virudhunagar Dist), Nagapattinam (Nagapattinam Dist), Pamban (Ramanathapuram Dist), Srivaikuntam (Toothukudi Dist), Palayamkottai (Tirunelveli Dist), Pudukkottai (Pudukkottai Dist), Tirupuvanam (Sivaganga Dist), Rameswaram (Ramanathapuram Dist), NeeDamangalam (Tiruvarur Dist), Valparai taluk office (Coimbatore Dist), Kuzhithurai (Kanyakumari Dist), Mettupatti (Madurai Dist), Vadipatti (Madurai Dist), Arimalam (Pudukkottai Dist), Thanjavur (Thanjavur Dist), Ramanathapuram (Ramanathapuram Dist), Mylaudy (Kanyakumari Dist), Mannargudi (Tiruvarur Dist), Orthanad (Thanjavur Dist), Uttamapalayam (Theni Dist), Cheranmahadevi (Tirunelveli Dist) 1 each.

15/04/2018: Kanyakumari (Kanyakumari Dist), Chittampatti (Madurai Dist), K bridge (Nilgiris Dist) 5 each, Sivakasi (Virudhunagar Dist), Mettupalayam (Coimbatore Dist) 4 each, Manamadurai (Sivaganga Dist), Madukkur (Thanjavur Dist), Kodaikanal (Dindigul Dist), Tirupuvanam (Sivaganga Dist), Thenkasi (Tirunelveli Dist) 3 each, Melur (Madurai Dist), Ayikudi (Tirunelveli Dist), Kalugumalai (Toothukudi Dist), Periyar (Theni Dist), Sattur (Virudhunagar Dist), Thiruchuzhi (Virudhunagar Dist), Valparai pto (Coimbatore Dist) 2 each, Pollachi (Coimbatore Dist), Nilakottai (Dindigul Dist), Mylaudy (Kanyakumari Dist), Pechiparai (Kanyakumari Dist), Sathyamangalam (Erode Dist), Paramakudi (Ramanathapuram Dist), Orthanad (Thanjavur Dist), Ramanathapuram (Ramanathapuram Dist), Airport Madurai (Madurai Dist), Valparai taluk office (Coimbatore Dist), Bhavanisagar (Erode Dist), Tirupathur (Sivaganga Dist), Rajapalayam (Virudhunagar Dist), Coonoor pto (Nilgiris Dist), Sivaganga (Sivaganga Dist), Vadipatti (Madurai Dist), Ketti (Nilgiris Dist), Kamudhi (Ramanathapuram Dist), Mettupatti (Madurai Dist), Srivilliputhur (Virudhunagar Dist), Pamban (Ramanathapuram Dist) 1 each.

16/04/2018: Mettupalayam (Coimbatore Dist), Mylaudy (Kanyakumari Dist), Tiruchirappalli AP (Trichy Dist) 3 each, Kumarapalayam (Namakkal Dist), Cheranmahadevi (Tirunelveli Dist) 2 each, Eraniel (Kanyakumari Dist), Bhavani (Erode Dist), NeeDamangalam (Tiruvarur Dist), Rasipuram (Namakkal Dist) 1 each.

17/04/2018: Bodinaickanur (Theni Dist) 10, K bridge (Nilgiris Dist) 4, Illuppur (Pudukkottai Dist), Kalugumalai (Toothukudi Dist), Natham (Dindigul Dist) 2 each, Periyakulam (Theni Dist), Tondi (Ramanathapuram Dist) 1 each.

18/04/2018: Colachel (Kanyakumari Dist) 1.

Season's Rainfall for the period from 01.03.2018 to 18.04.2018:

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

Chief synoptic features and its associated weather:

Last week's trough of low at mean sea level over Equatorial Indian Ocean and adjoining Southwest Bay of Bengal lay over Southwest Bay of Bengal and adjoining Srilanka on 12th, over Comorin area and neighbourhood with a cyclonic circulation aloft extended upto 1.5 kilometres above mean sea level with trough extended from the cyclonic circulation to North interior Karnataka across interior Tamil Nadu and South Interior Karnataka upto 1.5 kilometres above mean sea level on 13th, over Maldives area and neighbourhood with cyclonic circulation aloft extended upto 1.5 kilometres above mean sea level on 14th and 15th, over Equatorial Indian Ocean and adjoining Southeast Arabian sea with cyclonic circulation aloft extended upto 1.5 kilometres above mean sea level on 16th.

Last week's trough in Easterlies at 0.9 kilometres over Comorin area to South Interior Karnataka ran from South Tamil Nadu to North Interior Karnataka across Interior Tamil Nadu to South Interior Karnataka on 12th.

A North-South Wind discontinuity line ran from South Interior Karnataka to South Kerala at 0.9 kilometres above mean sea level on 14th.

A trough of low at mean sea level lay over Equatorial Indian Ocean and adjoining central parts of South Bay with an embedded cyclonic circulation extended upto 3.1 kilometres above mean sea level on 16th, over Equatorial Indian ocean and adjoining Southwest Bay of Bengal off South Srilanka with embedded cyclonic circulation extended upto 3.1 kilometres above mean sea level on 17th and over Comorin-Maldives area with embedded cyclonic circulation extended upto 1.5 kilometres above mean sea level on 18th.

An upper air cyclonic circulation lay over interior Karnataka and adjoining Rayalaseema at 1.5 kilometres above mean sea level on 16th.

An upper air cyclonic circulation lay over North Kerala and neighbourhood at 0.9 kilometres above mean sea level on 17th.

A North-South Wind discontinuity line ran from North Interior Karnataka to South Tamil Nadu across South Interior Karnataka and Interior Tamil Nadu on 16th.

A North-South Wind discontinuity line ran from Telangana to South Tamil Nadu across Rayalaseema and Interior Tamil Nadu at 0.9 kilometres above mean sea level on 18th.

Temperature:

The maximum temperatures were below normal at one or two places over the state from 11th to 16th and above normal at one or two places on 17th during the week.

Rainfall: Rainfall occurred at a few places on 14th and at one or two places on rest of the days during the week.

Regional Meteorological Centre,
College Road, Chennai-6.
Date: 18.04.2018

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

RAINFALL STATEMENT

Districts	Rainfall for the week ending 18 th April 2018			Seasonal rainfall for the period from 01.03.2018 to 18.04.2018		
	Actual (mm)	Normal (mm)	Departure (%)	Actual (mm)	Normal (mm)	Departure (%)
Ariyalur	0.5	4.8	-90	5.2	17.6	-70
Chennai	0.0	4.1	-100	2.9	4.2	-30
Coimbatore	25.0	13.2	90	35.3	29.6	19
Cuddalore	2.3	4.0	-42	7.5	17.5	-57
Dharmapuri	0.0	12.1	-100	20.2	25.8	-22
Dindigul	9.6	15.8	-39	31.8	38.5	-17
Erode	4.8	11.7	-59	11.7	26.6	-56
Kancheepuram	0.0	3.3	-100	8.3	4.8	73
Kanyakumari	63.5	26.3	141	47.9	77.2	-38
Karaikal	0.4	8.6	-95	13.3	19.6	-32
Karur	0.0	8.0	-100	15.6	19.3	-19
Krishnagiri	0.0	9.6	-100	37.2	19.3	93
Madurai	33.1	14.9	122	13.3	36.7	-64
Nagapattinam	3.2	4.7	-33	10.9	23.3	-53
Namakkal	5.5	10.6	-48	19.9	21.1	-6
Nilgiris	57.9	18.3	216	69.5	62.3	12
Perambalur	2.0	8.4	-76	12.3	18.3	-33
Pudukottai	8.2	7.7	7	12.2	22.5	-46
Ramanathapuram	20.7	13.4	55	26.5	38.9	-32
Salem	0.3	15.4	-98	33.5	29.2	15
Sivaganga	34.7	12.5	178	29.0	29.8	-3
Thanjavur	13.9	7.7	80	6.0	22.5	-73
Theni	38.2	15.6	145	64.5	59.4	9
Tirunelveli	43.5	17.8	145	145.4	75.0	94
Tiruppur	0.0	9.8	-100	27.7	24.1	15
Tiruvallur	0.0	3.7	-100	9.7	6.9	41
Tiruvannamalai	0.0	5.3	-100	38.0	14.1	169
Tiruvarur	7.0	7.2	-3	13.1	24.4	-46
Toothukudi	38.2	12.6	203	70.6	49.4	43
Tiruchirapalli	2.8	10.3	-72	15.6	19.7	-21
Vellore	0.0	4.9	-100	35.8	13.8	159
Villupuram	0.0	3.5	-100	13.5	11.9	13
Virudhunagar	41.2	16.5	150	46.6	51.9	-10
Puducherry	1.1	3.3	-67	34.1	19.7	73
Tamilnadu	13.3	10.5	27	32.8	29.3	12
Tamilnadu and Puducherry	13.2	10.4	27	32.8	29.2	12

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%

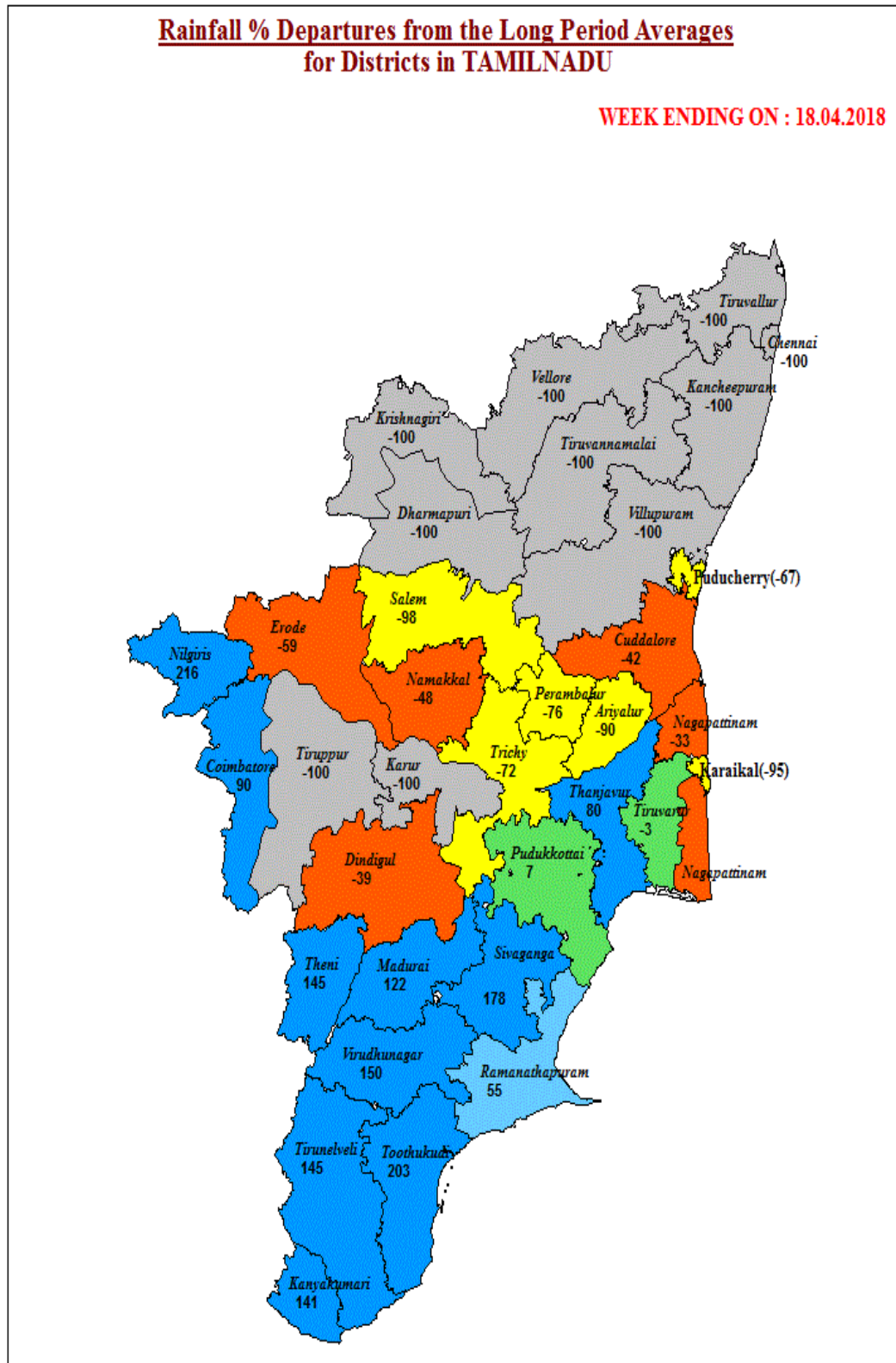
In calculation of excess, deficits and their percentage, rainfall figures are taken to 0.1 mm.

INDIA METEOROLOGICAL DEPARTMENT

RMC CHENNAI

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

WEEK ENDING ON : 18.04.2018



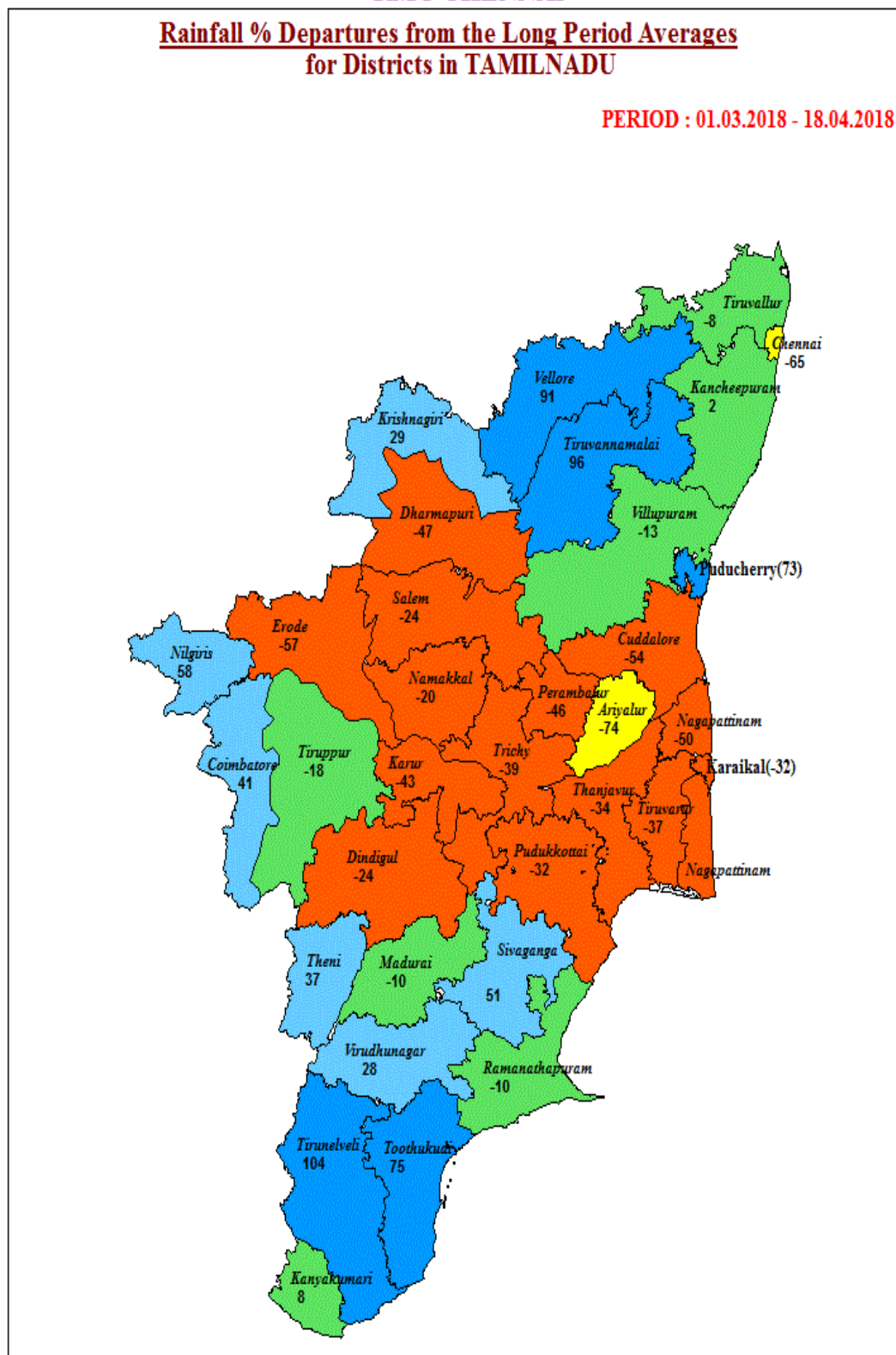
LEGEND: ■ L. EXCESS (+60% OR MORE) ■ EXCESS (+20% TO +59%) ■ NORMAL (+19% TO -19%)
 ■ DEFICIENT (-20% TO -59%) ■ L. DEFICIENT (-60% TO -99%) ■ NO RAIN (-100%) ■ NO DATA

INDIA METEOROLOGICAL DEPARTMENT

RMC CHENNAI

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

PERIOD : 01.03.2018 - 18.04.2018



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