

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 28TH FEBRUARY 2018 / 9TH PHALGUNA, 1939 (SAKA)
SUMMARY OF WEATHER**

Week's Rainfall:

No Rain	Ariyalur, Chennai, Coimbatore, Cuddalore, Dharmapuri, Dindigul, Erode, Kancheepuram, Kanyakumari, Karur, Krishnagiri, Madurai, Nagapattinam, Namakkal, Nilgiris, Perambalur, Pudukkottai, Ramanathapuram, Salem, Sivaganga, Thanjavur, Theni, Tirunelveli, Tiruppur, Tiruvallur, Tiruvannamalai, Tiruvarur, Toothukudi, Tiruchirapalli, Vellore, Villupuram, Virudhunagar districts, Karaikal and Puducherry.
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Season's Rainfall for the period from 01.01.2018 to 28.02.2018:

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

Chief synoptic features and its associated weather:

A cyclonic circulation lay over Southwest Bay off South Tamil Nadu and Srilanka coast and extended upto 2.1 kilometres above mean sea level on 22nd, over Southwest Bay and adjoining Srilanka and extended upto 1.5 kilometres above mean sea level on 23rd and over Southwest Bay off Srilanka coast and extended upto 0.9 kilometres above mean sea level on 24th.

Last week's trough of low at mean sea level from Lakshadweep area to East-Central Arabian sea off South Maharashtra coast ran from Lakshadweep area to South Gujarat coast on 22nd, from Lakshadweep area to East-Central Arabian Sea off South Maharashtra coast on 23rd and 24th and from Southeast off Kerala coast to South Maharashtra coast on 25th.

A trough ran from Lakshadweep area to West Madhya Pradesh across South Konkan and Madhya Maharashtra and extended upto 0.9 kilometres above mean sea level on 25th from Kerala coast to South Maharashtra coast and extended upto 0.9 kilometres above mean sea level on 26th.

A cyclonic circulation lay over Southwest Bay off Srilanka coast and extended upto 0.9 kilometres above mean sea level on 24th.

A trough of low at mean sea level lay over Equatorial Indian Ocean and adjoining Southwest Bay from 24th to 26th, persisted with an embedded cyclonic circulation extending upto 0.9 kilometres above mean sea level on 27th and 28th.

A trough at mean sea level ran from Southeast Arabian sea off Kerala coast to North Maharashtra coast on 28th.

Temperature:

The minimum temperatures were below normal at a few places over the state from 22nd to 24th, at one or two places from 25th to 28th during the week.

Rainfall: Dry weather prevailed over the state from 22nd to 28th during the week.

RAINFALL STATEMENT

Districts	Rainfall for the week ending 28 th February 2018			Seasonal rainfall for the period from 01.01.2018 to 28.02.2018		
	Actual (mm)	Normal (mm)	Departure (%)	Actual (mm)	Normal (mm)	Departure (%)
Ariyalur	0.0	2.8	-100	25.8	32.5	-21
Chennai	0.0	2.9	-100	3.1	36.7	-92
Coimbatore	0.0	3.8	-100	12.8	20.3	-37
Cuddalore	0.0	5.4	-100	55.0	44.1	25
Dharmapuri	0.0	3.1	-100	1.4	18.2	-92
Dindigul	0.0	4.1	-100	12.6	30.9	-59
Erode	0.0	2.7	-100	15.1	16.1	-7
Kancheepuram	0.0	3.2	-100	4.4	29.1	-85
Kanyakumari	0.0	5.5	-100	16.6	40.4	-59
Karaikal	0.0	7.6	-100	111.6	96.2	16
Karur	0.0	1.8	-100	15.6	17.5	-11
Krishnagiri	0.0	2.2	-100	1.3	10.7	-88
Madurai	0.0	4.0	-100	6.5	28.1	-77
Nagapattinam	0.0	5.7	-100	78.8	85.7	-8
Namakkal	0.0	1.2	-100	26.8	13.9	93
Nilgiris	0.0	11.3	-100	31.4	49.3	-36
Perambalur	0.0	1.5	-100	18.0	21.4	-16
Pudukottai	0.0	2.6	-100	7.3	33.1	-78
Ramanathapuram	0.0	4.7	-100	2.2	51.3	-96
Salem	0.0	2.3	-100	15.4	16.0	-4
Sivaganga	0.0	3.0	-100	4.1	27.9	-85
Thanjavur	0.0	3.5	-100	21.9	42.3	-48
Theni	0.0	8.1	-100	22.8	35.4	-36
Tirunelveli	0.0	8.4	-100	25.8	69.3	-63
Tiruppur	0.0	2.4	-100	19.3	14.0	38
Tiruvallur	0.0	5.1	-100	8.1	31.5	-74
Tiruvannamalai	0.0	3.0	-100	34.9	26.5	32
Tiruvarur	0.0	4.0	-100	31.0	60.1	-48
Toothukudi	0.0	5.5	-100	1.7	42.8	-96
Tiruchirapalli	0.0	2.3	-100	7.3	22.7	-68
Vellore	0.0	1.1	-100	9.8	14.9	-34
Villupuram	0.0	3.1	-100	10.5	28.2	-63
Virudhunagar	0.0	7.2	-100	28.5	42.8	-33
Puducherry	0.0	0.9	-100	1.0	37.5	-97
Tamilnadu	0.0	3.9	-100	16.7	31.3	-46
Tamilnadu and Puducherry	0.0	3.9	-100	16.8	31.4	-46

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%

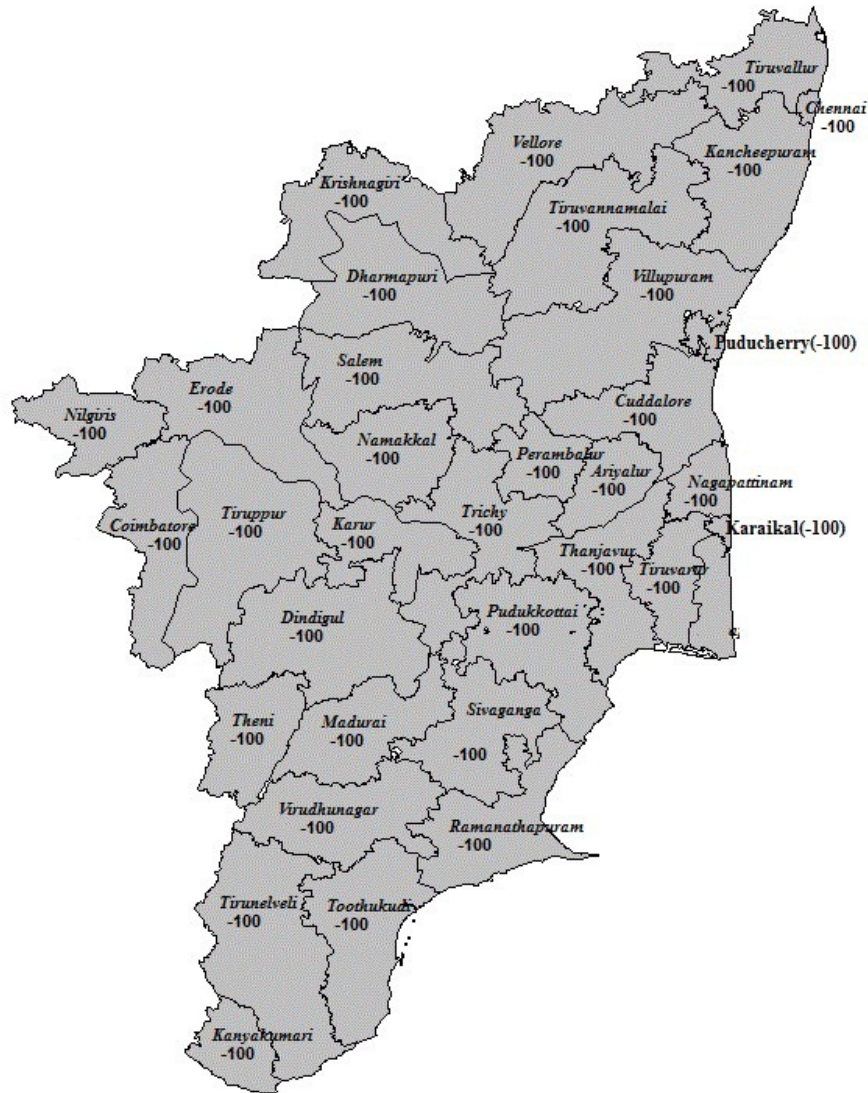
In calculation of excess, deficits and their percentage, rainfall figures are taken to 0.1 mm.

INDIA METEOROLOGICAL DEPARTMENT

RMC CHENNAI

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

WEEK ENDING ON : 28.02.2018



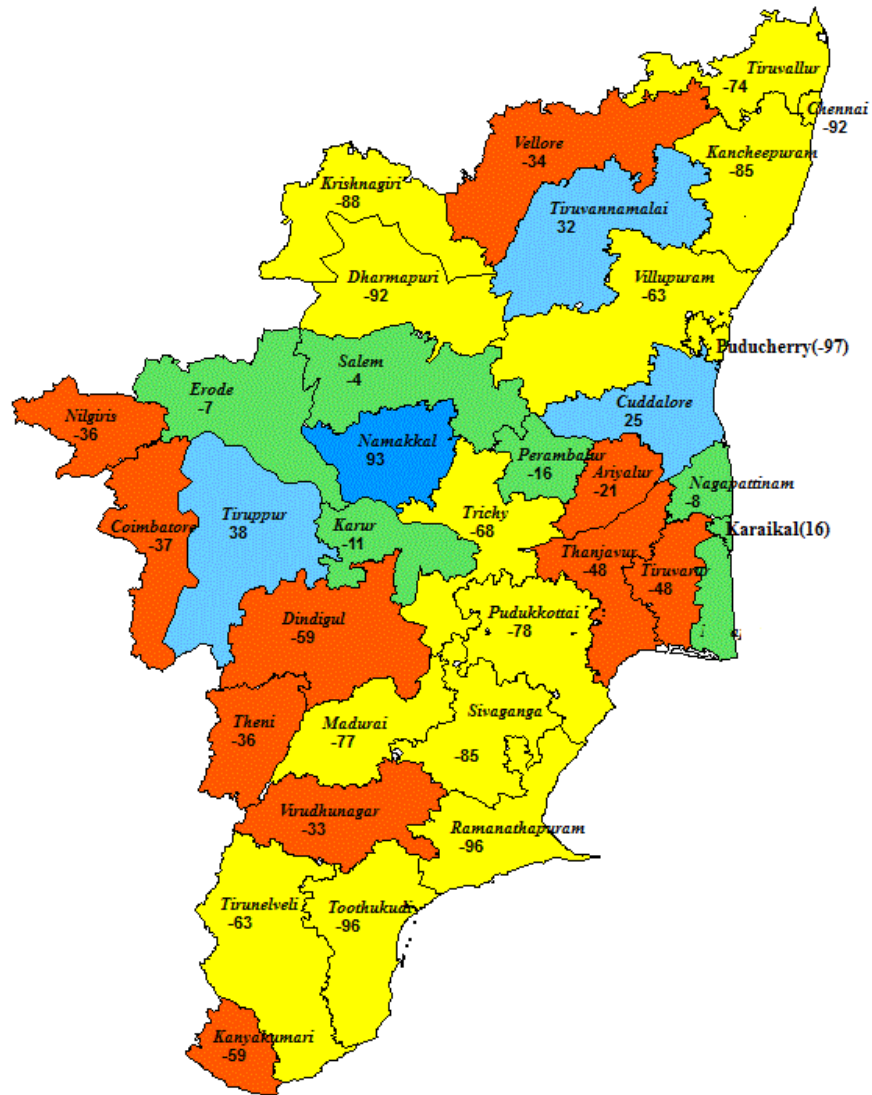
LEGEND: ■ L. EXCESS (+60% OR MORE) ■ EXCESS (+20% TO +59%) ■ NORMAL (+19% TO -19%)
■ DEFICIENT (-20% TO -59%) ■ L. DEFICIENT (-60% TO -99%) ■ NO RAIN (-100%) ■ NO DATA

INDIA METEOROLOGICAL DEPARTMENT

RMC CHENNAI

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

PERIOD : 01.01.2018 - 28.02.2018



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