

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 2<sup>ND</sup> JANUARY 2019 / 12<sup>TH</sup> PAUSHA, 1940 (SAKA)  
SUMMARY OF WEATHER**

**Week's Rainfall:**

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

**CHIEF AMOUNT OF RAINFALL (IN CM) RECORDED ON:**

**29/12/2018: Valparai pto (Coimbatore Dist) 4, Nanguneri (Tirunelveli Dist), Sankarankoil (Tirunelveli Dist) 1 each.**

**30/12/2018: Manimutharu (Tirunelveli Dist) 7, Papanasam (Tirunelveli Dist) 4, Mettupalayam (Coimbatore Dist) 3, Ambasamudram (Tirunelveli Dist), Cheranmahadevi (Tirunelveli Dist), Nanguneri (Tirunelveli Dist) 2 each, Sankarankoil (Tirunelveli Dist) 1.**

**Season's Rainfall for the period from 01.10.2018 to 31.12.2018:**

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

## **Chief synoptic features and its associated weather:**

Northeast Monsoon rains have ceased over Tamil Nadu, Puducherry, Kerala and adjoining areas of South coastal Andhra Pradesh, Rayalaseema and South interior Karnataka on 02nd Jan 2019.

A cyclonic circulation extending up to 0.9 kilometers above mean sea level lies over Comorin area and neighbourhood on 27th and 28th.

A cyclonic circulation lay over Coastal Karnataka and neighbourhood and extended up to 3.6 kilometers above mean sea level on 29th.

An upper air cyclonic circulation lay over Kerala and adjoining Southeast Arabian Sea between 1.5 and 2.1 kilometers above mean sea level on 01st.

An upper air cyclonic circulation lay over Comorin area and neighbourhood between 1.5 and 2.1 kilometers above mean sea level on 02nd.

## **Temperatures:**

The minimum temperatures were below normal at many places over the state on 02nd, at a few places on 30th and 01st, at one or two places on 27th and 31st and above normal at a few places on 28th and 29th during the week.

## **Rainfall:**

Rainfall occurred at one or two places over the state from 28<sup>th</sup> to 01<sup>st</sup> and dry weather prevailed on 27<sup>th</sup> and 01<sup>st</sup> during the week.

Regional Meteorological Centre,  
College Road, Chennai-6.  
Date: 02.01.2019

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

## RAINFALL STATEMENT

Districts	Rainfall for the week ending 02 <sup>nd</sup> Januray 2018			Seasonal rainfall for the period from 01.10.2018 to 31.12.2018		
	Actual (mm)	Normal (mm)	Departure (%)	Actual (mm)	Normal (mm)	Departure (%)
Ariyalur	0.0	9.7	-100	518.2	545.5	-5
Chennai	0.3	16.0	-98	352.9	789.9	-55
Coimbatore	6.6	4.1	62	325.1	328.9	-1
Cuddalore	0.0	14.7	-100	621.0	697.8	-11
Dharmapuri	0.0	3.2	-100	133.7	330.1	-59
Dindigul	0.0	9.9	-100	301.8	436.4	-31
Erode	0.3	2.9	-91	228.0	314.6	-28
Kancheepuram	0.3	10.2	-97	417.1	641.8	-35
Kanyakumari	0.3	8.2	-96	402.7	496.4	-19
Karaikal	5.8	41.4	-86	952.4	1048.5	-9
Karur	0.0	4.7	-100	147.4	314.7	-53
Krishnagiri	0.0	2.6	-100	123.1	289.4	-57
Madurai	0.0	7.9	-100	278.4	419.1	-34
Nagapattinam	1.2	33.7	-96	816.5	941.0	-13
Namakkal	0.0	3.2	-100	182.5	291.6	-37
Nilgiris	0.6	8.9	-93	416.3	478.2	-13
Perambalur	1.0	5.0	-80	250.0	440.9	-43
Puducherry	0.0	19.3	-100	632.4	843.1	-25
Pudukottai	0.2	11.2	-98	313.2	406.2	-23
Ramanathapuram	0.3	16.2	-98	440.3	491.7	-10
Salem	0.0	3.3	-100	187.6	370.5	-49
Sivaganga	0.0	10.0	-100	338.0	422.7	-20
Thanjavur	0.0	14.0	-100	471.5	550.3	-14
Theni	0.0	7.0	-100	302.1	357.9	-16
Tirunelveli	19.2	17.8	8	519.7	467.2	11
Tiruppur	0.0	3.7	-100	282.1	314.3	-10
Tiruvallur	0.3	7.3	-96	343.2	589.3	-42
Tiruvannamalai	0.0	5.5	-100	393.1	446.5	-12
Tiruvarur	0.7	23.4	-97	710.6	719.1	-1
Toothukudi	0.2	12.2	-99	348.7	427.0	-18
Tiruchirapalli	0.0	6.7	-100	208.0	391.5	-47
Vellore	0.0	3.6	-100	181.6	348.7	-48
Villupuram	0.0	10.1	-100	435.8	499.1	-13
Virudhunagar	0.7	8.6	-92	265.5	419.0	-37
Tamilnadu	1.4	8.8	-84	336.5	440.4	-24
Tamilnadu and Puducherry	1.4	8.9	-84	337.9	442.0	-24

### 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 %

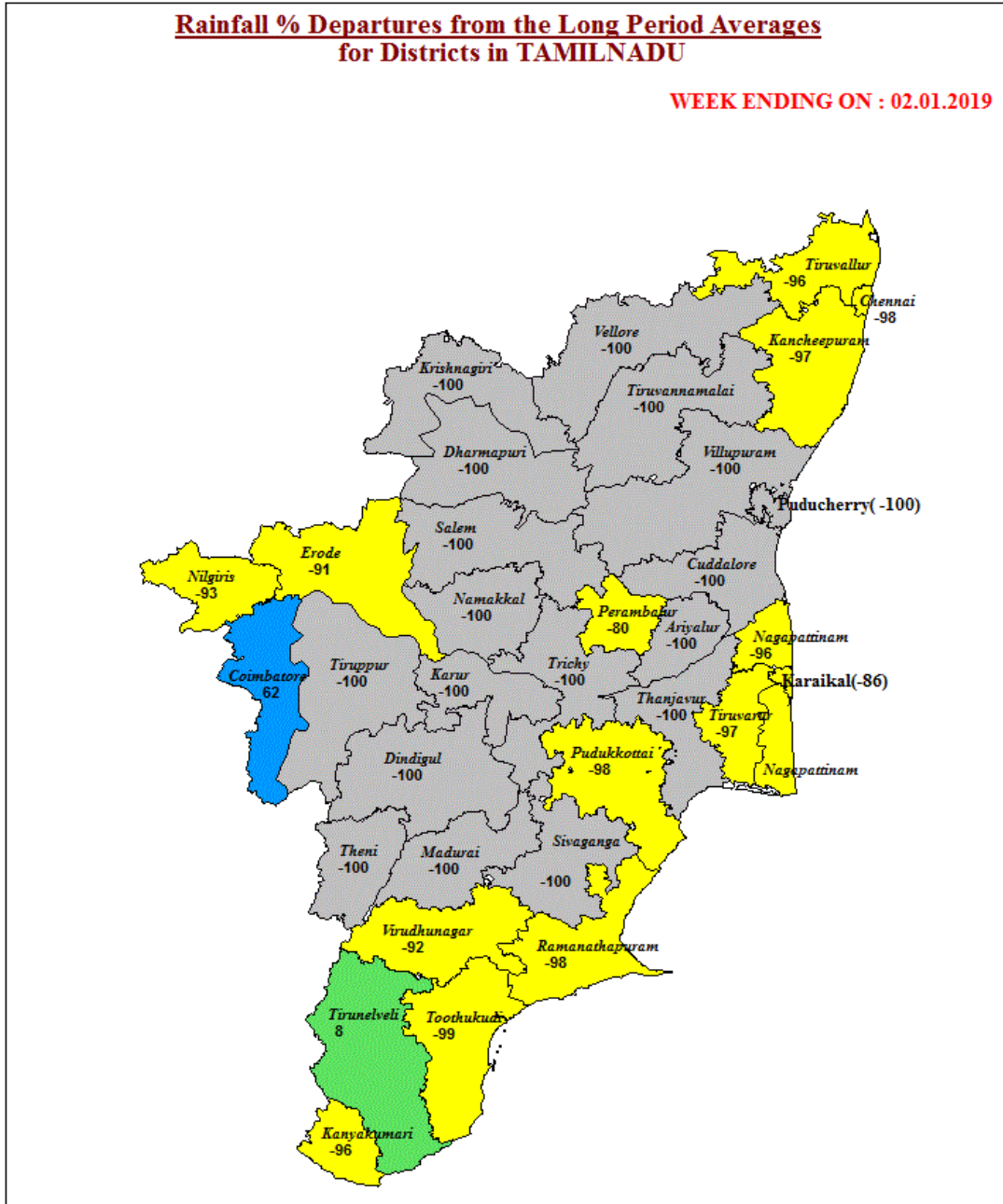
In calculation of excess, deficits and their percentage, rainfall figures are taken to 0.1 mm.

# INDIA METEOROLOGICAL DEPARTMENT

## RMC CHENNAI

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

WEEK ENDING ON : 02.01.2019



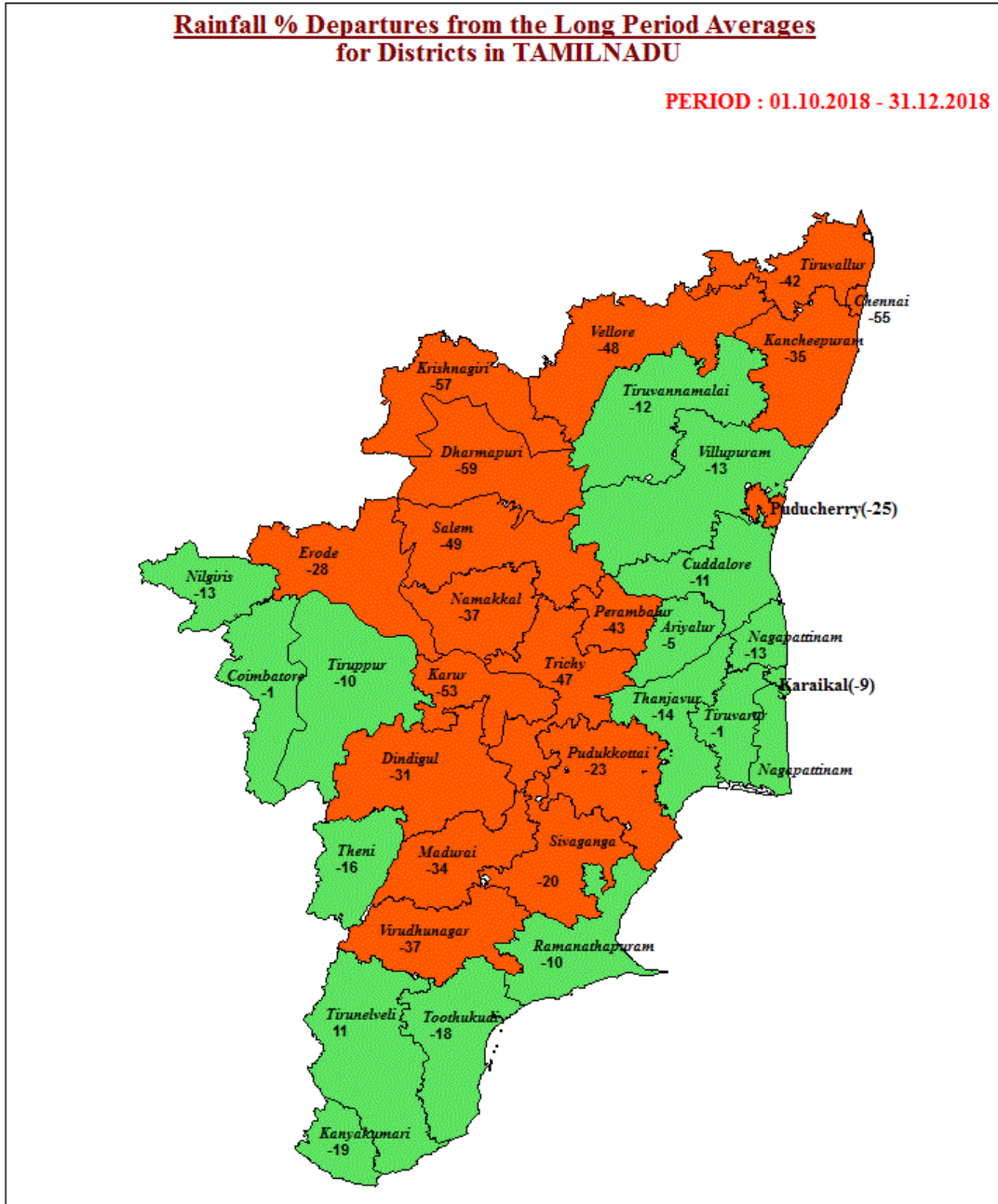
**LEGEND:** ■ L. EXCESS (+60% OR MORE) ■ EXCESS (+20% TO +59%) ■ NORMAL (+19% TO -19%)  
 ■ DEFICIENT (-20% TO -59%) ■ L. DEFICIENT (-60% TO -99%) ■ NO RAIN [-100%] ■ NO DATA

# INDIA METEOROLOGICAL DEPARTMENT

## RMC CHENNAI

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

PERIOD : 01.10.2018 - 31.12.2018



**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