

**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 21<sup>ST</sup> FEBRUARY 2018 / 2<sup>ND</sup> PHALGUNA, 1939 (SAKA)**  
**SUMMARY OF WEATHER**

**Week's Rainfall:**

<b>Large Deficient</b>	<b>Cuddalore district and Karaikal.</b>
<b>No Rain</b>	<b>Ariyalur, Chennai, Coimbatore, 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 and Puducherry.</b>

**The chief amounts of rainfall recorded in Centimetres:**

**15/02/2018:Chidambaram AWS (Cuddalore Dist) 1.**

**Season's Rainfall for the period from 01.01.2018 to 21.02.2018:**

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

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

An upper air cyclonic lay over South Interior Karnataka and neighbourhood at 3.1 Kilometres above mean sea level on 16<sup>th</sup> ; persisted and seen at 0.9 Kilometres above mean sea level on 17<sup>th</sup> ; persisted and extended upto 0.9 Kilometres above mean sea level on 18<sup>th</sup>; over North Interior Karnataka and neighbourhood and extended upto 1.5 Kilometres above mean sea level on 19<sup>th</sup> and as a trough at 0.9 Kilometres above mean sea level from Eastcentral Arabian sea to North Madhya Maharashtra across Goa on 20<sup>th</sup> and as a cyclonic circulation over Konkan and neighbourhood at 0.9 Kilometres above mean sea level on 21<sup>st</sup> .

A trough in lower level Easterlies lay over Southwest Bay off Srilanka coast and extended upto 1.5 Kilometres above mean sea level on 17<sup>th</sup> . An upper air cyclonic circulation lay over Srilanka and neighbourhood at 3.1 Kilometres above mean sea level on 17<sup>th</sup> . A trough of low at mean sea level extended from Southeast Arabian sea to Eastcentral Arabian sea off Karnataka coast on 17<sup>th</sup> ; from Lakshadweep area to Eastcentral Arabian sea off South Maharashtra coast on 18<sup>th</sup> ; from Lakshadweep area to Eastcentral Arabian sea off Karnataka and South Maharashtra coast on 19<sup>th</sup> ; from Lakshadweep area to Eastcentral Arabian sea off Karnataka coast on 20<sup>th</sup> and from Lakshadweep area to Eastcentral Arabian sea off South Maharashtra coast on 21<sup>st</sup> .

**Temperature:**

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

**Rainfall:** Rainfall occurred at isolated places over the state on 15<sup>th</sup> and 16<sup>th</sup> . Dry weather prevailed from 17<sup>th</sup> to 21<sup>st</sup> during the week.

Regional Meteorological Centre,  
College Road, Chennai-6.  
Date: 21.02.2018

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

**RAINFALL STATEMENT**

Districts	Rainfall for the week ending 21 <sup>st</sup> February 2018			Seasonal rainfall for the period from 01.01.2018 to 21.02.2018		
	Actual (mm)	Normal (mm)	Departure (%)	Actual (mm)	Normal (mm)	Departure (%)
Ariyalur	0.0	3.6	-100	25.8	29.7	-13
Chennai	0.0	8.4	-100	3.1	33.8	-91
Coimbatore	0.0	4.6	-100	12.8	16.5	-22
Cuddalore	1.1	4.6	-76	55.0	38.7	42
Dharmapuri	0.0	3.6	-100	1.4	15.1	-91
Dindigul	0.0	3.8	-100	12.6	26.8	-53
Erode	0.0	3.9	-100	15.1	13.4	12
Kancheepuram	0.0	4.3	-100	4.4	25.9	-83
Kanyakumari	0.0	6.7	-100	16.6	34.9	-52
Karaikal	0.9	15.4	-94	111.6	88.6	26
Karur	0.0	3.0	-100	15.6	15.7	0
Krishnagiri	0.0	2.3	-100	1.3	8.5	-84
Madurai	0.0	4.8	-100	6.5	24.1	-73
Nagapattinam	0.0	7.8	-100	78.8	80.0	-2
Namakkal	0.0	4.0	-100	26.8	12.7	111
Nilgiris	0.0	7.5	-100	31.4	38.0	-17
Perambalur	0.0	1.7	-100	18.0	19.9	-10
Pudukottai	0.0	2.9	-100	7.3	30.5	-76
Ramanathapuram	0.0	5.3	-100	2.2	46.6	-95
Salem	0.0	2.8	-100	15.4	13.7	12
Sivaganga	0.0	4.8	-100	4.1	24.9	-84
Thanjavur	0.0	4.5	-100	21.9	38.8	-44
Theni	0.0	5.0	-100	22.8	27.3	-16
Tirunelveli	0.0	9.4	-100	25.8	60.9	-58
Tiruppur	0.0	3.0	-100	19.3	11.6	66
Tiruvallur	0.0	6.4	-100	8.1	26.4	-69
Tiruvannamalai	0.0	3.9	-100	34.9	23.5	48
Tiruvarur	0.0	5.4	-100	31.0	56.1	-45
Toothukudi	0.0	4.9	-100	1.7	37.3	-95
Tiruchirapalli	0.0	2.3	-100	7.3	20.4	-64
Vellore	0.0	2.5	-100	9.8	13.8	-29
Villupuram	0.0	2.1	-100	10.5	25.1	-58
Virudhunagar	0.0	8.1	-100	28.5	35.6	-20
Puducherry	0.0	8.1	-100	1.0	36.6	-97
Tamilnadu	0.0	4.4	-99	16.7	27.4	-39
Tamilnadu and Puducherry	0.0	4.4	-99	16.8	27.5	-39

**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 %

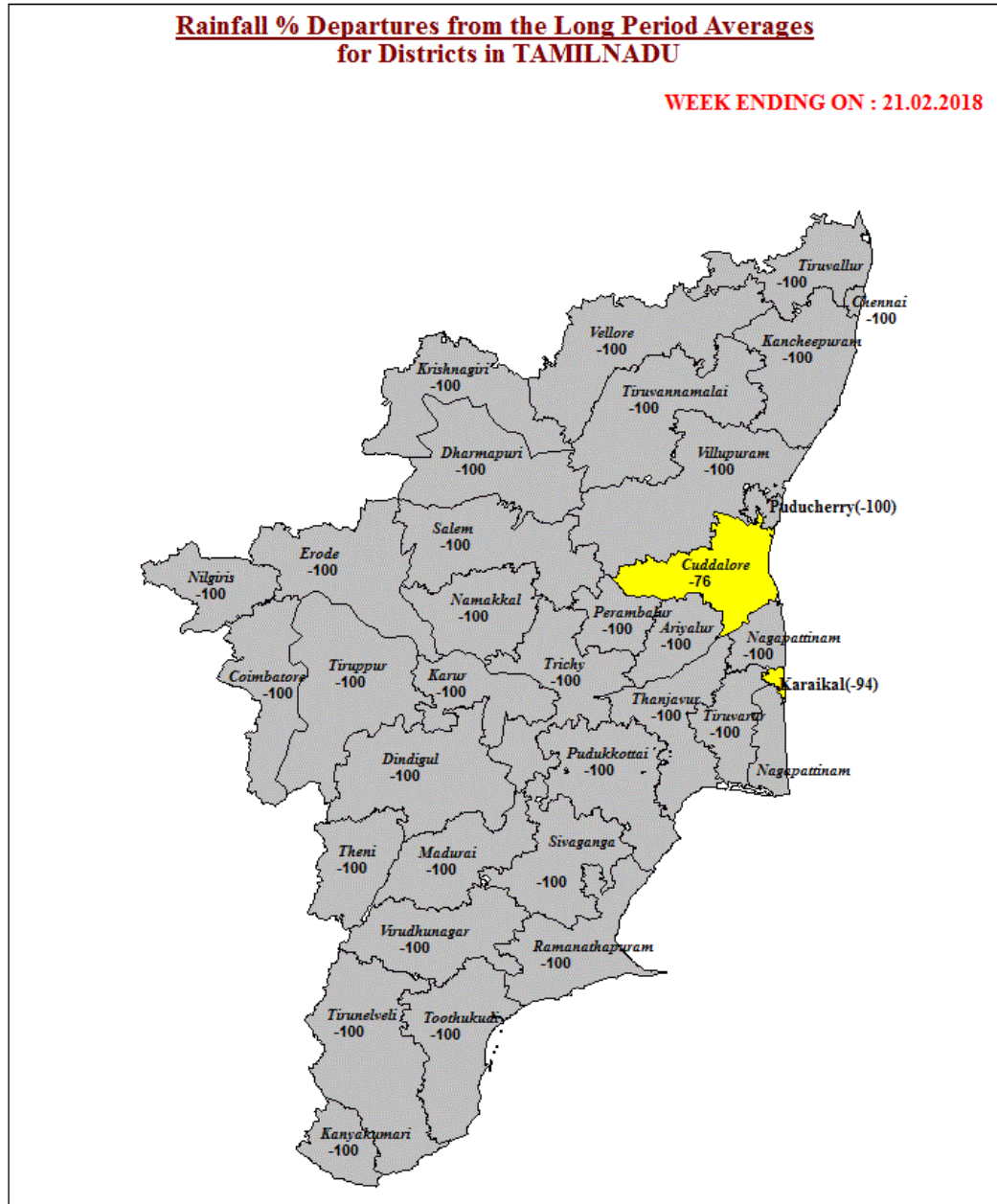
In calculation of excess, deficits and their percentage, rainfall figures are taken to 0.1 mm.

# INDIA METEOROLOGICAL DEPARTMENT

## RMC CHENNAI

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

WEEK ENDING ON : 21.02.2018



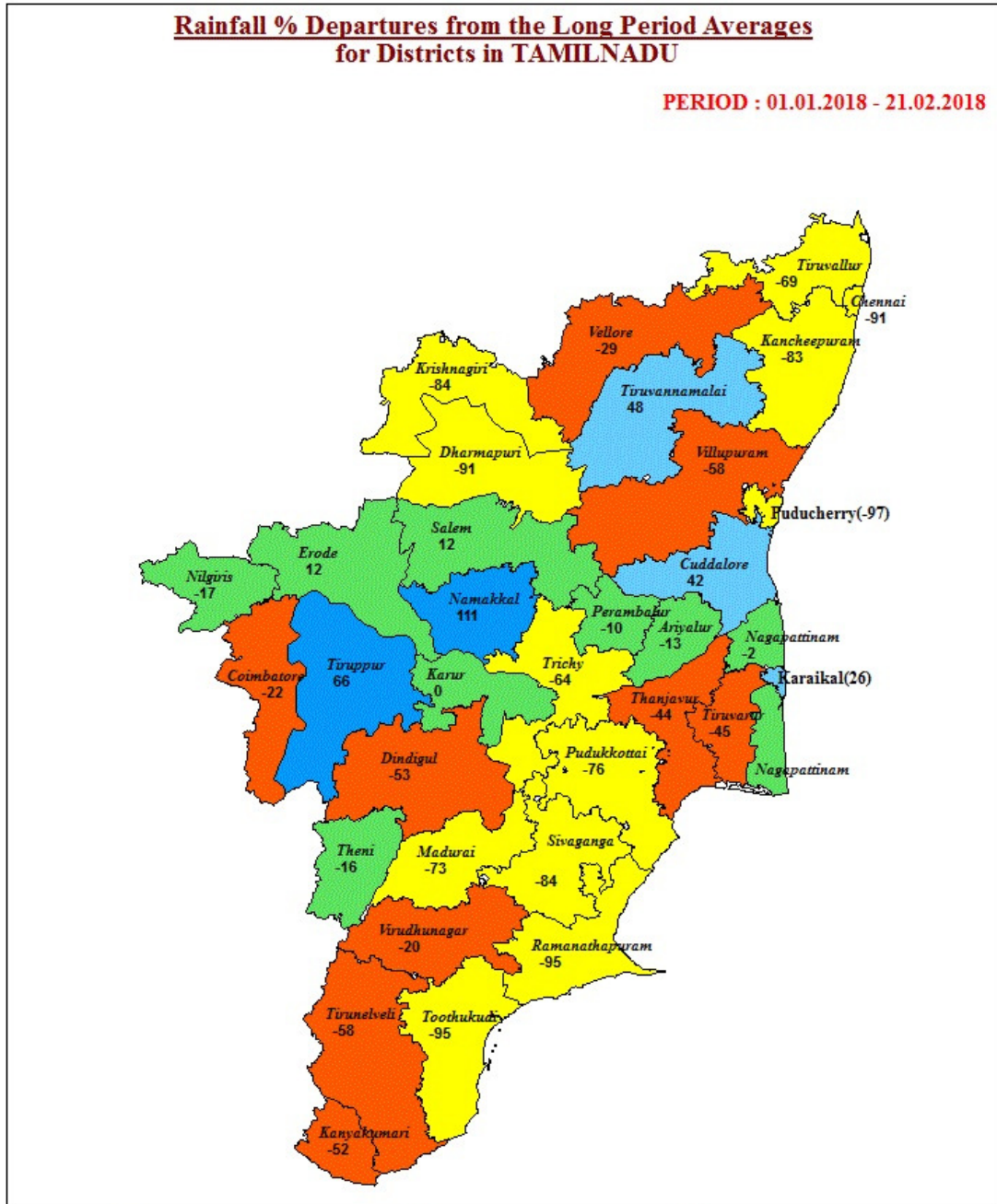
**LEGEND:** ■ L. EXCESS (+60% OR MORE) ■ EXCESS (+20% TO +59%) ■ NORMAL (+19% TO -19%)  
 ■ DEFICIENT (-20% TO -59%) ■ L. DEFICIENT (-60% TO -99%) ■ NO RAIN (-100%) ■ NO DATA

# INDIA METEOROLOGICAL DEPARTMENT

## RMC CHENNAI

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

PERIOD : 01.01.2018 - 21.02.2018



**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