

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 19TH DECEMBER 2018 / 28TH AGRAHAYANA, 1940 (SAKA)
SUMMARY OF WEATHER**

Week's Rainfall:

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

CHIEF AMOUNT OF RAINFALL (IN CM): NIL

Season's Rainfall for the period from 01.10.2018 to 19.12.2018:

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

Chief synoptic features and its associated weather:

The well marked low pressure area over Southeast Bay of Bengal and adjoining Equatorial Indian Ocean concentrated into a Depression at 13/0000 UTC and lay centred at 13/0300 UTC over Southeast Bay of Bengal, about 1150 kms Southeast of Chennai, intensified into a deep depression at 13/1800 UTC over Southeast Bay of Bengal and lay centred at 14/0300 UTC over Southeast Bay of Bengal, about 930 kms Southeast of Chennai, moved north-northwest-wards and lay centred at 15/0300 UTC over Southwest and adjoining Southeast Bay of Bengal, moved further north-northwest-wards and intensified into a cyclonic storm "PHETHAI" at 15/1200 UTC over Southwest Bay of Bengal about 590 kms Southeast of Chennai, moved further north-northwest-wards and lay centred at 16/0300 UTC over Southwest Bay of Bengal about 430 kms East-Southeast of Chennai, moved further north-northwest-wards and intensified further in to a severe cyclonic storm at 16/1200 UTC over West-Central and adjoining Southwest Bay of Bengal about 300 kms East-Northeast of Chennai, moved northwards weakened into a cyclonic storm at 17/0300 UTC over West-Central Bay of Bengal about 370 km North-Northeast of Chennai, moved further northwards and crossed Andhra Pradesh coast 25 kms South of Yanam between 0800-0900 UTC of 17th, moved north-northeast-wards and re-emerged into West-Central Bay of Bengal, further moved north-northeast-wards and crossed again Andhra Pradesh coast close to Tuni between 1400-1500 UTC of 17th and it moved further north-northeast-wards and weakened into a depression at 17/1800 UTC.

Temperatures:

The minimum temperatures were above normal at a few places over the state on 13th, 14th, 15th, 16th and 19th and below normal at a few places on 17th and 18th during the week.

Rainfall:

Rainfall occurred at one or two places over the state on 16th, 17th and 19th and dry weather prevailed on 13th, 14th, 15th and 18th during the week.

Regional Meteorological Centre,
College Road, Chennai-6.
Date: 19.12.2018

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

RAINFALL STATEMENT

Districts	Rainfall for the week ending 19 th December 2018			Seasonal rainfall for the period from 01.10.2018 to 19.12.2018		
	Actual (mm)	Normal (mm)	Departure (%)	Actual (mm)	Normal (mm)	Departure (%)
Ariyalur	0.0	27.1	-100	512.7	510.3	0
Chennai	0.0	21.9	-99	343.4	749.8	-54
Coimbatore	0.0	9.0	-100	313.4	320.4	-2
Cuddalore	0.2	31.0	-99	595.0	656.1	-9
Dharmapuri	0.0	8.7	-100	133.7	322.2	-58
Dindigul	0.1	18.5	-99	301.1	412.2	-27.
Erode	0.0	7.1	-100	226.5	305.2	-26
Kancheepuram	0.0	21.8	-100	407.0	616.3	-34
Kanyakumari	0.0	11.6	-100	401.3	480.7	-17
Karaikal	0.0	62.6	-100	927.7	953.0	-3
Karur	0.0	7.7	-100	147.4	300.7	-51
Krishnagiri	0.0	8.6	-100	123.1	284.7	-57
Madurai	0.0	11.4	-100	276.3	401.5	-31
Nagapattinam	0.0	42.6	-100	777.8	858.0	-9
Namakkal	0.0	6.3	-100	179.7	284.9	-37
Nilgiris	0.0	15.6	-100	413.2	460.3	-10
Perambalur	0.0	18.1	-100	248.0	420.0	-41
Puducherry	0.0	38.5	-100	581.5	786.6	-26
Pudukottai	0.0	15.6	-100	305.5	379.7	-20
Ramanathapuram	0.0	21.2	-100	424.2	457.2	-7
Salem	0.0	9.5	-100	181.7	360.5	-50
Sivaganga	0.0	14.9	-100	329.4	396.3	-17
Thanjavur	0.0	22.1	-100	461.5	512.3	-10
Theni	0.1	12.8	-99	300.5	347.6	-14
Tirunelveli	0.5	23.2	-98	477.2	439.2	9
Tiruppur	0.0	8.0	-100	279.8	303.3	-8
Tiruvallur	0.1	20.3	-99	341.5	568.4	-40
Tiruvannamalai	0.0	16.4	-100	390.1	431.7	-10
Tiruvarur	0.0	31.2	-100	687.4	660.3	4
Toothukudi	0.0	18.8	-100	344.3	403.6	-15
Tiruchirapalli	0.0	13.1	-100	207.0	371.9	-44
Vellore	0.0	10.1	-100	181.6	339.2	-46
Villupuram	0.0	21.4	-100	419.9	471.8	-11
Virudhunagar	0.0	15.5	-100	261.8	403.7	-35
Tamilnadu	0.0	16.0	-99	328.1	419.3	-22
Tamilnadu and Puducherry	0.0	16.1	-99	329.4	420.8	-22

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 %

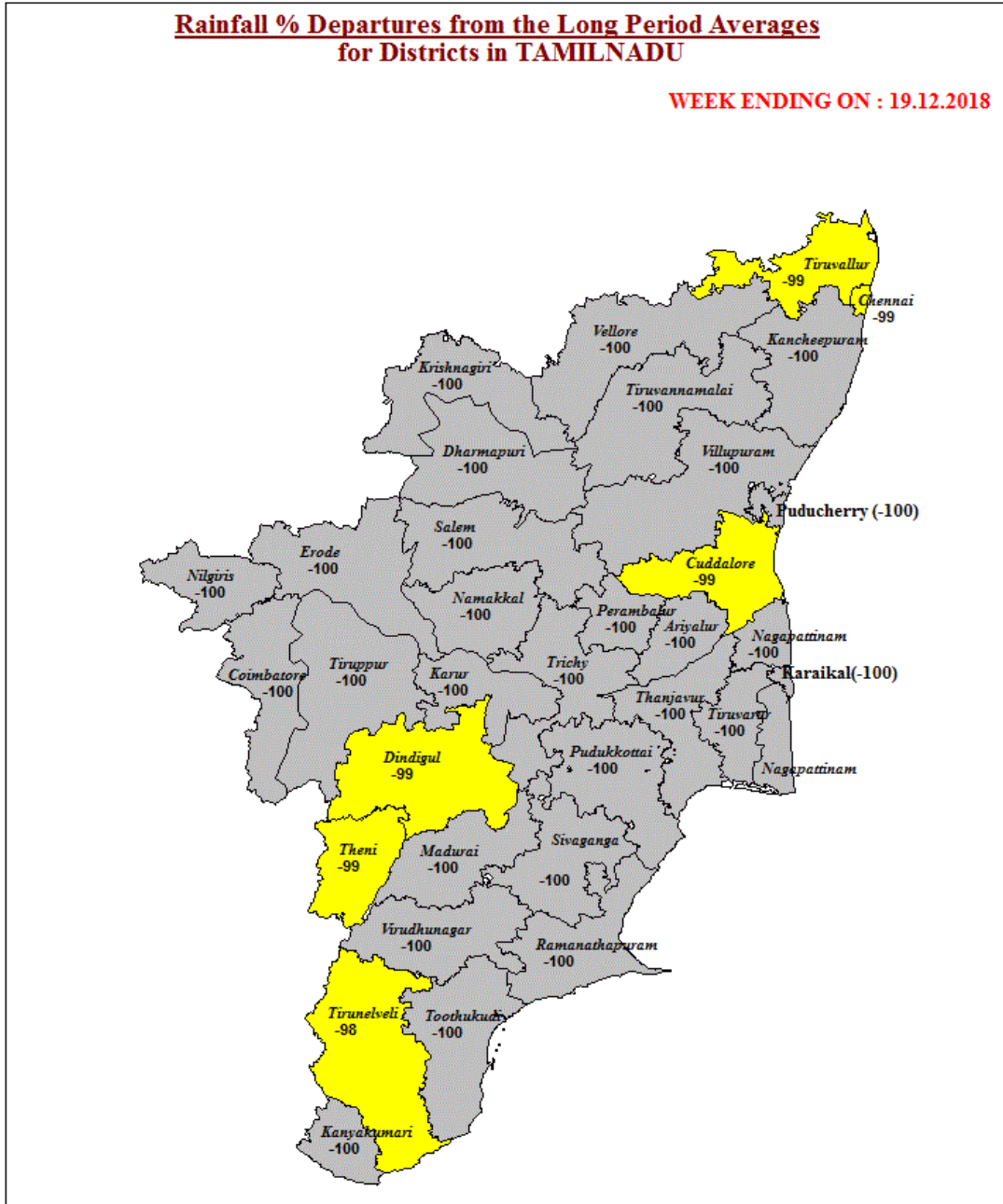
In calculation of excess, deficits and their percentage, rainfall figures are taken to 0.1 mm.

INDIA METEOROLOGICAL DEPARTMENT

RMC CHENNAI

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

WEEK ENDING ON : 19.12.2018



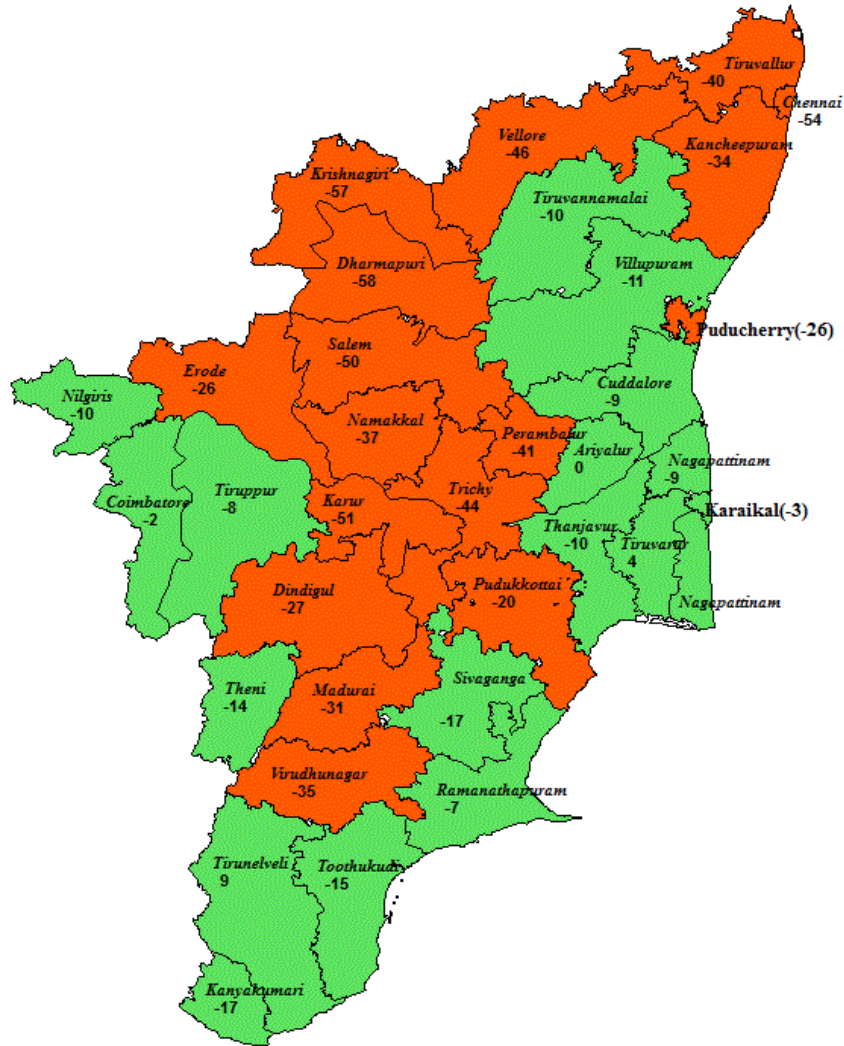
LEGEND: ■ L. EXCESS (+60% OR MORE) ■ EXCESS (+20% TO +59%) ■ NORMAL (+19% TO -19%)
 ■ DEFICIENT (-20% TO -59%) ■ L. DEFICIENT (-60% TO -99%) ■ NO RAIN (-100%) ■ NO DATA

INDIA METEOROLOGICAL DEPARTMENT

RMC CHENNAI

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

PERIOD : 01.10.2018 - 19.12.2018



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