

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 13TH DECEMBER 2017 / 22ND AGRAHAYANA, 1939 (SAKA)
SUMMARY OF WEATHER

Week's Rainfall:

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

The chief amounts of rainfall recorded in Centimetres:

07/12/2017: Virudunagar AWS (Virudhunagar Dist) 11, Sivagiri (Tirunelveli Dist) 6, Virudhunagar (Virudhunagar Dist), Sivakasi (Virudhunagar Dist) 5 each, Watrap (Virudhunagar Dist), Palayamkottai (Tirunelveli Dist) 4 each, Vilathikulam (Toothukudi Dist), Tirumangalam (Madurai Dist), Tiruchendur (Toothukudi Dist) 3 each, Srivilliputhur (Virudhunagar Dist), Gobichettipalayam (Erode Dist), Satankulam (Toothukudi Dist), Aruppukottai (Virudhunagar Dist) 2 each, Sankarankoil (Tirunelveli Dist), Thoothukudi port AWS (Toothukudi Dist), Bhoothapandy (Kanyakumari Dist), Tuticorin (Toothukudi Dist), Sholavandan (Madurai Dist), Rajapalayam (Virudhunagar Dist) 1 each.

08/12/2017: Gobichettipalayam (Erode Dist) 8, Rajapalayam (Virudhunagar Dist) 7, Srivilliputhur (Virudhunagar Dist) 6, Kovilpatti (Toothukudi Dist) 5, Shencottah (Tirunelveli Dist), Thenkasi (Tirunelveli Dist), Ayikudi (Tirunelveli Dist) 4 each, Tiruchendur (Toothukudi Dist) 3, Sivagiri (Tirunelveli Dist), Kayathar arg (Toothukudi Dist), Sattur (Virudhunagar Dist), Nagercoil (Kanyakumari Dist) 2 each, Kanyakumari (Kanyakumari Dist), Kalugumalai (Toothukudi Dist), Thuckalay (Kanyakumari Dist), Sankarankoil (Tirunelveli Dist), Tiruppur (Tiruppur Dist), Sivakasi (Virudhunagar Dist) 1 each.

09/12/2017: Nagercoil (Kanyakumari Dist), Manimutharu (Tirunelveli Dist) 5 each, Mylaudy (Kanyakumari Dist) 3, Kuzhithurai (Kanyakumari Dist), Bhoothapandy (Kanyakumari Dist), Pechiparai (Kanyakumari Dist) 2 each, Shencottah (Tirunelveli Dist), Thuckalay (Kanyakumari Dist) 1 each.

13/12/2017: Rajapalayam (Virudhunagar Dist) 5, Sivagiri (Tirunelveli Dist) 3, Thuckalay (Kanyakumari Dist), Bhoothapandy (Kanyakumari Dist) 2 each, Periyanaickenpalayam (Coimbatore Dist), Thoothukudi port AWS (Toothukudi Dist), Tuticorin (Toothukudi Dist), Srivilliputhur (Virudhunagar Dist), Ayikudi (Tirunelveli Dist) 1 each.

Season's Rainfall for the period from 01.10.2017 to 13.12.2017:

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

Chief synoptic features and its associated weather:

Last week's Depression over southeast Bay and neighbourhood moved northwards and lay centred at 0300 UTC of 7th December 2017 near Lat. 12.0 deg. North and Long. 88.0 deg. East about 870 Kilometres southeast of Gopalpur, intensified into a Deep depression and lay centred at 0300 UTC of 8th over westcentral Bay near Lat. 15.0 deg. North / Long 86.8 deg. East about 510 Kilometres south-southeast of Gopalpur, moved further north-northeastwards and weakened into a Depression at 1800 UTC of 8th, moved further north-northeastwards and lay centred at 0300 UTC of 9th over northwest Bay near Lat. 19.2 deg. North / Long 86.5 deg. East about 170 Kilometres east of Gopalpur, moved north-northeastwards further and weakened into well marked low at 1200 UTC of 9th and weakened further into a low pressure area over northwest Bay and neighbourhood at 0300 UTC of 10th.

An upper air cyclonic circulation lay over south Srilanka and neighbourhood between 1.5 and 3.6 Kilometres above mean sea level on 9th; over Comorin area and neighbourhood and extended upto 3.1 Kilometres above mean sea level on 10th; persisted and extended upto 1.5 Kilometres above mean sea level on 11th; persisted and extended upto 0.9 Kilometres above mean sea level on 12th.

A North-South trough ran from North Madhya Maharashtra to North Interior Tamil Nadu across Interior Karnataka at 0.9 Kilometres above mean sea level on 12th.

A cyclonic circulation lay at 0.9 Kilometres above mean sea level over Srilanka and neighbourhood on 13th.

Temperature:

The minimum temperatures were appreciably above normal at one or two places over the state on 7th and 13th; above normal at a few places over remaining parts of the state on 7th and 13th; above normal at one or two places over southern parts of the state on 8th and 9th; over the state from 10th to 12th and below normal at one or two places over northern parts of the state on 9th during the week.

Rainfall: Rainfall occurred at isolated places over the state from 7th to 10th, on 12th and 13th December. Dry weather prevailed on 11th December during the week.

Regional Meteorological Centre,
College Road, Chennai-6.
Date: 13.12.2017

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

RAINFALL STATEMENT

Districts	Rainfall for the week ending 13 th December 2017			Seasonal rainfall for the period from 01.10.2017 to 13.12.2017		
	Actual (mm)	Normal (mm)	Departure (%)	Actual (mm)	Normal (mm)	Departure (%)
Ariyalur	0.0	38.5	-100	484.5	486.1	0
Chennai	0.0	49.7	-100	937.3	731.7	28
Coimbatore	1.0	16.7	-94	180.1	312.1	-42
Cuddalore	0.0	56.1	-100	759.2	630.4	20
Dharmapuri	0.0	18.2	-100	254.7	315.3	-19
Dindigul	0.0	22.1	-100	320.2	395.9	-19
Erode	12.3	16.2	-24	194.6	299.5	-35
Kancheepuram	0.0	47.9	-100	671.8	598.3	12
Kanyakumari	28.6	18.4	55	592.7	470.7	26
Karaikal	1.3	71.9	-98	1159.9	893.6	30
Karur	0.0	14.2	-100	233.6	293.9	-21
Krishnagiri	0.0	12.8	-100	329.7	277.2	19
Madurai	4.3	17.5	-75	281.9	391.3	-28
Nagapattinam	0.0	76.9	-100	1113.5	820.1	36
Namakkal	0.0	12.1	-100	256.3	279.8	-8
Nilgiris	0.7	23.5	-97	342.1	447.4	-24
Perambalur	0.0	32.8	-100	305.4	405.8	-25
Pudukottai	0.0	29.1	-100	203.8	365.7	-44
Ramanathapuram	0.0	31.4	-100	236.4	437.8	-46
Salem	0.0	21.9	-100	341.5	351.9	-3
Sivaganga	0.0	23.1	-100	254.2	382.6	-34
Thanjavur	0.0	41.5	-100	424.1	492.9	-14
Theni	1.8	17.0	-90	278.0	335.9	-17
Tirunelveli	33.4	26.7	25	648.5	419.0	55
Tiruppur	1.4	14.0	-90	255.6	296.3	-14
Tiruvallur	0.0	39.9	-100	677.1	552.9	22
Tiruvannamalai	0.0	28.1	-100	524.8	417.7	26
Tiruvarur	0.0	59.0	-100	685.5	632.5	8
Toothukudi	20.2	24.1	-16	343.6	387.6	-11
Tiruchirapalli	0.0	23.3	-100	221.9	360.2	-38
Vellore	0.0	24.2	-100	338.8	330.8	2
Villupuram	0.0	38.4	-100	534.7	454.2	18
Virudhunagar	51.1	19.3	165	327.4	389.8	-16
Puducherry	0.0	60.4	-100	858.6	756.0	14
Tamilnadu	5.3	27.2	-80	393.9	405.5	-3
Tamilnadu and Puducherry	5.3	27.3	-81	395.9	406.9	-3

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%

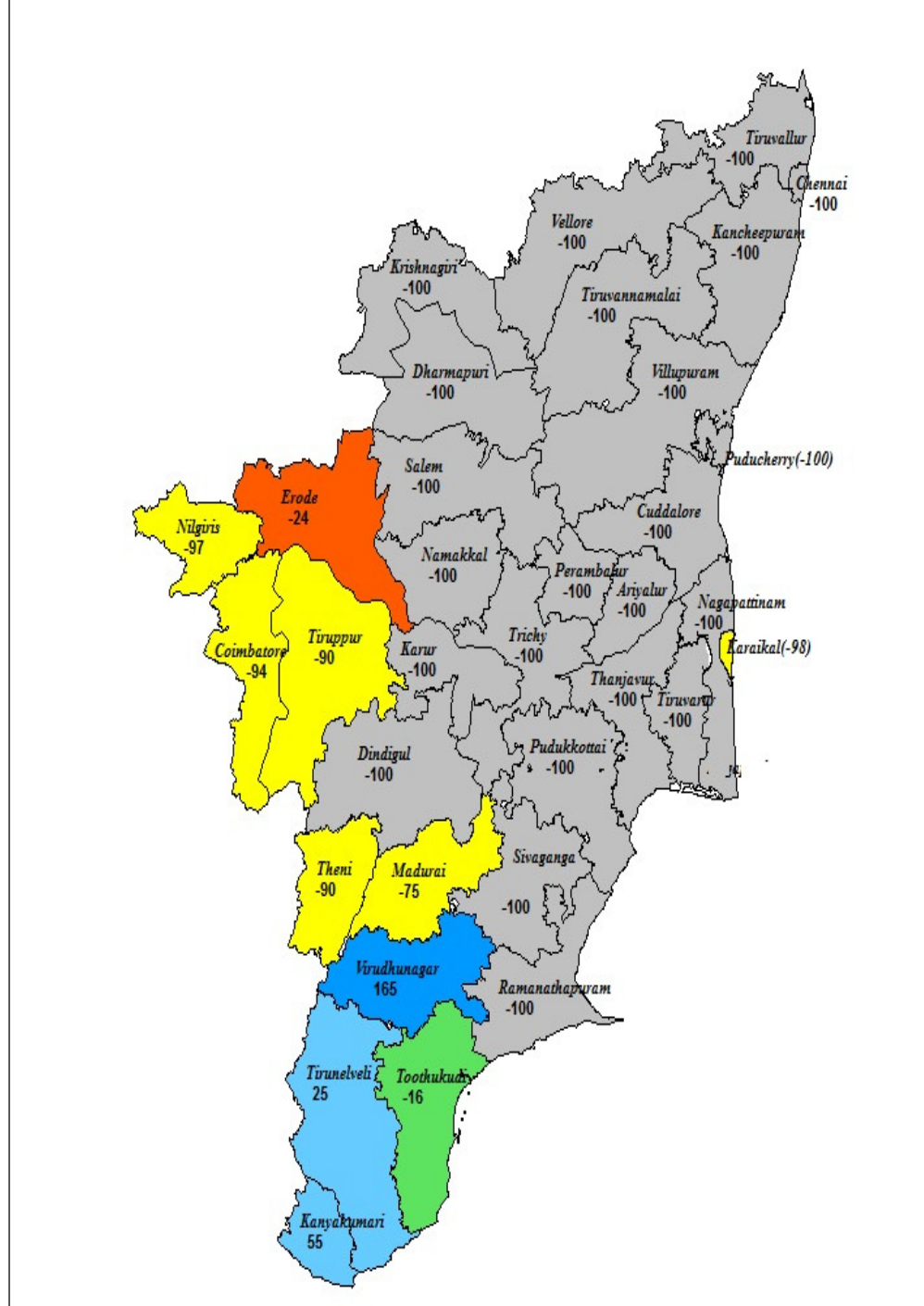
In calculation of excess, deficits and their percentage, rainfall figures are taken to 0.1 mm.

INDIA METEOROLOGICAL DEPARTMENT

RMC CHENNAI

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

WEEK ENDING ON : 13.12.2017



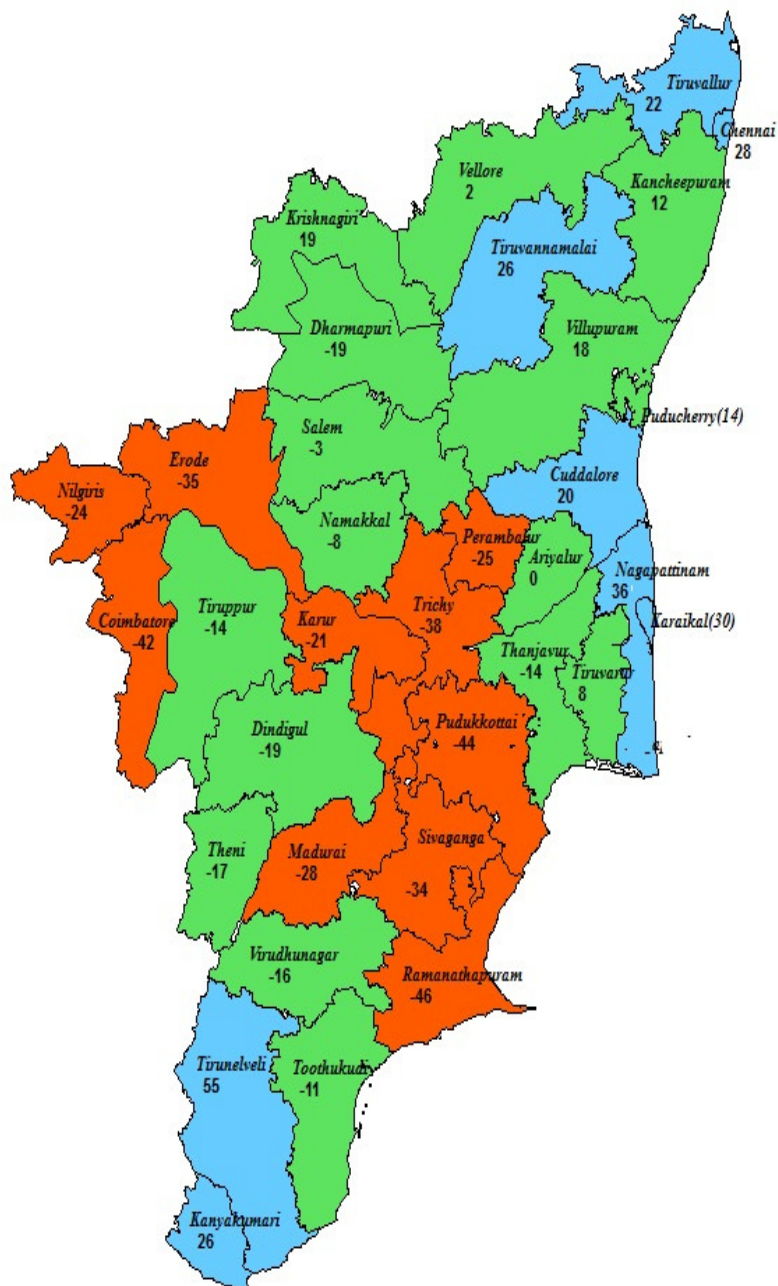
LEGEND: ■ L. EXCESS (+60% OR MORE) ■ EXCESS (+20% TO +59%) ■ NORMAL (+19% TO -19%)
■ DEFICIENT (-20% TO -59%) ■ L. DEFICIENT (-60% TO -99%) ■ NO RAIN (-100%) ■ NO DATA

INDIA METEOROLOGICAL DEPARTMENT

RMC CHENNAI

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

PERIOD : 01.10.2017 - 13.12.2017



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