

**GOVERNMENT OF INDIA**  
**BHARAT MAUSAM VIGYAN VIBHAG**  
**INDIA METEOROLOGICAL DEPARTMENT**  
**REGIONAL METEOROLOGICAL CENTRE, CHENNAI-600 006**  
**WEEKLY WEATHER REPORT FOR TAMILNADU AND PUDUCHERRY FOR**  
**THE WEEK ENDING 14<sup>TH</sup> JUNE 2017 / 24<sup>TH</sup> JYAISTHA, 1939 (SAKA)**  
**SUMMARY OF WEATHER**

**Week's Rainfall:**

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

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

**08/06/2017:** Tiruvadana (Ramanathapuram Dist) 5, Tirumayam (Pudukkottai Dist), Avinasi (Tiruppur Dist), Naduvattam (Nilgiris Dist), Tondi (Ramanathapuram Dist) 3 each, Adirampatnam (Thanjavur Dist), Uthagamandalam (Nilgiris Dist), Kangeyam (Tiruppur Dist), Karambakudi (Pudukkottai Dist), Alangudi (Pudukkottai Dist) 2 each, Tiruppur (Tiruppur Dist), K bridge (Nilgiris Dist), Rameswaram (Ramanathapuram Dist), Ketti (Nilgiris Dist), Hogenekal (Dharmapuri Dist), Kothagiri (Nilgiris Dist), Coimbatore south (Coimbatore Dist) 1 each.

**09/06/2017:** Paramakudi (Ramanathapuram Dist) 3, Sivaganga (Sivaganga Dist), Karaikudi (Sivaganga Dist), R.s.mangalam (Ramanathapuram Dist), Ilayangudi (Sivaganga Dist) 1 each.

**10/06/2017:** Devakottai (Sivaganga Dist) 4, Dindigul (Dindigul Dist) 3, Tiruvadana (Ramanathapuram Dist) 2, Tondi (Ramanathapuram Dist), Pattukottai (Thanjavur Dist), Adirampatnam (Thanjavur Dist), Denkanikottai (Krishnagiri Dist), Thali (Krishnagiri Dist), Naduvattam (Nilgiris Dist) 1 each.

**11/06/2017:** Pattukottai (Thanjavur Dist) 3, Naduvattam (Nilgiris Dist), Valparai pto (Coimbatore Dist), Valparai taluk office (Coimbatore Dist) 2 each, Uthagamandalam (Nilgiris Dist), Periyar (Theni Dist), Peravurani (Thanjavur Dist), Muthupet (Tiruvarur Dist) 1 each.

**12/06/2017:** Periyar (Theni Dist) 1.

**13/06/2017:** Naduvattam (Nilgiris Dist) 2, Valparai pto (Coimbatore Dist), Pollachi (Coimbatore Dist), G Bazar (Nilgiris Dist) 1 each.

**Season's Rainfall for the period from 01.06.2017 to 14.06.2017:**

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

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

Last week's upper air cyclonic circulation over Westcentral Bay and adjoining North Coastal Andhra Pradesh lay over Westcentral Bay off North Andhra and South Odisha coast on 8<sup>th</sup> and extended upto mid tropospheric level. A low pressure area formed over Westcentral Bay and adjoining North Bay off Andhra Pradesh and South Odisha coast on 9<sup>th</sup> and associated upper air cyclonic circulation extended upto mid tropospheric level. The low pressure area lay over Northern parts of Central Bay and adjoining North Bay on 10<sup>th</sup> with associated upper air cyclonic circulation extended upto mid tropospheric level tilting southwest-wards with height and it became a well marked low over Northwest Bay and neighbourhood on 11<sup>th</sup>. The well marked low concentrated into a Depression at 11<sup>th</sup> at 1200 UTC and lay over Northwest and adjoining Northeast Bay near Latitude 20.5°North and Longitude 89.5°East at about 210 Kilometres south-southeast of Canning (West Bengal). The Depression moved north-northeastwards and intensified into a Deep depression and crossed Bangladesh coast near Khepupara between 2300 and 0000 UTC of 12<sup>th</sup>. A shear zone was seen roughly along Latitude 14.0°North between 4.5 and 5.8 Kilometres above mean sea level on 8<sup>th</sup>, along Latitude 16.0°North between 3.1 and 5.8 Kilometres above mean sea level on 9<sup>th</sup>, along Latitude 17.0°North and 18.0°North between the same levels on 10<sup>th</sup> and 11<sup>th</sup> respectively. A trough on sea level chart ran from Telangana to South Peninsula across Rayalaseema and Interior Tamil Nadu on 13<sup>th</sup>. A feeble off-shore trough extended from South Maharashtra coast to North Kerala coast on 9<sup>th</sup>; was seen from Maharashtra to Kerala coast on 11<sup>th</sup> and 12<sup>th</sup> and from South Konkan to Kerala coast on 14<sup>th</sup>.

**Temperature:** The maximum temperature were below normal at a few places over North Tamil Nadu on 8<sup>th</sup> and 9<sup>th</sup> and were above normal at a few places over South Tamil Nadu on 8<sup>th</sup>, 9<sup>th</sup> and 11<sup>th</sup>. They were below normal at isolated places over North Tamil Nadu on 11<sup>th</sup> and above normal at a few places over the state on 10<sup>th</sup> and below normal at a few places over the state on 12<sup>th</sup>.

**Rainfall:** Rainfall occurred at isolated places over the state during the week.

Regional Meteorological Centre,  
6, College Road, Chennai-6.  
Date: 14.06.2017

C.S.PATIL  
SCIENTIST 'D'  
for Deputy Director General of Meteorology

## RAINFALL STATEMENT

Districts	Rainfall for the week ending 14 <sup>th</sup> June 2017			Seasonal rainfall for the period from 01.06.2017 to 14.06.2017		
	Actual (mm)	Normal (mm)	Departure (%)	Actual (mm)	Normal (mm)	Departure (%)
Ariyalur	0.0	16.7	-100	29.8	32.5	-8
Chennai	0.3	17.2	-98	11.5	26.9	-57
Coimbatore	13.8	5.5	151	19.5	15.4	26
Cuddalore	0.0	17.0	-99	18.3	27.6	-34
Dharmapuri	5.0	13.4	-63	10.3	35.1	-71
Dindigul	4.7	9.9	-53	27.2	24.7	10
Erode	1.9	6.8	-72	13.0	18.2	-29
Kancheepuram	0.0	19.4	-100	26.7	32.5	-18
Kanyakumari	3.2	44.9	-93	39.9	102.7	-61
Karaikal	0.0	18.4	-100	37.2	39.3	-5
Karur	1.7	6.3	-73	8.6	14.4	-41
Krishnagiri	3.0	14.9	-80	14.1	38.1	-63
Madurai	0.9	12.5	-93	10.0	24.1	-59
Nagapattinam	1.6	12.5	-87	20.4	23.2	-12
Namakkal	1.2	13.1	-91	5.6	27.6	-80
Nilgiris	29.2	28.8	1	62.1	59.7	4
Perambalur	0.0	13.3	-100	19.6	22.1	-11
Pudukottai	10.3	13.5	-24	14.8	23.8	-38
Ramanathapuram	17.4	5.0	248	25.1	9.1	175
Salem	0.6	16.4	-97	1.7	34.9	-95
Sivaganga	12.3	11.1	10	38.3	22.3	72
Thanjavur	7.4	11.3	-35	28.2	23.3	21
Theni	5.6	4.1	36	14.1	12.4	14
Tirunelveli	0.3	7.5	-97	8.6	16.9	-49
Tiruppur	11.9	5.4	120	11.9	13.9	-15
Tiruvallur	0.8	19.5	-96	18.1	32.0	-44
Tiruvannamalai	0.0	18.0	-100	23.1	34.0	-32
Tiruvarur	2.1	10.8	-81	30.0	18.6	62
Toothukudi	0.0	1.3	-100	0.6	4.5	-88
Tiruchirapalli	0.6	9.6	-94	6.0	21.4	-72
Vellore	0.0	18.9	-99	30.5	38.3	-20
Villupuram	1.0	12.1	-92	29.1	24.7	18
Virudhunagar	0.0	5.0	-100	0.3	13.0	-97
Puducherry	1.5	16.6	-91	19.5	28.6	-32
Tamilnadu	4.1	12.1	-66	18.4	25.5	-28
Tamilnadu and Puducherry	4.1	12.2	-66	18.4	25.5	-28

### LEGEND:

<i>Large Excess (LE):</i>	<b>+60% and above</b>	<i>Excess (E):</i>	<b>+20% to +59%</b>
<i>Normal (N):</i>	<b>+19% to -19%</b>	<i>Deficient (D):</i>	<b>-20% to -59%</b>
<i>Large deficient (LD):</i>	<b>-60% to -99%</b>	<i>No Rain:</i>	<b>-100%</b>

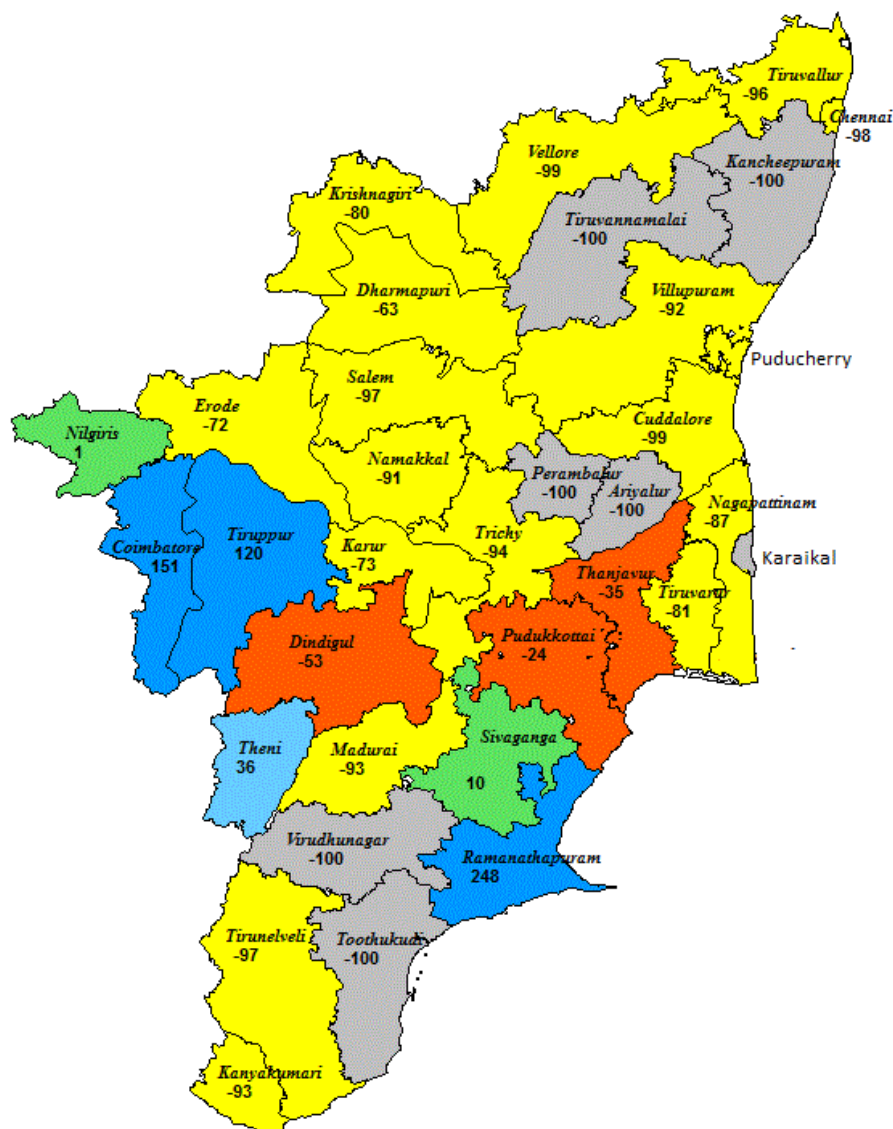
In calculation of excess, deficits and their percentage, rainfall figures are taken to 0.1 mm.

# INDIA METEOROLOGICAL DEPARTMENT

## RMC CHENNAI

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

WEEK ENDING ON : 14.06.2017



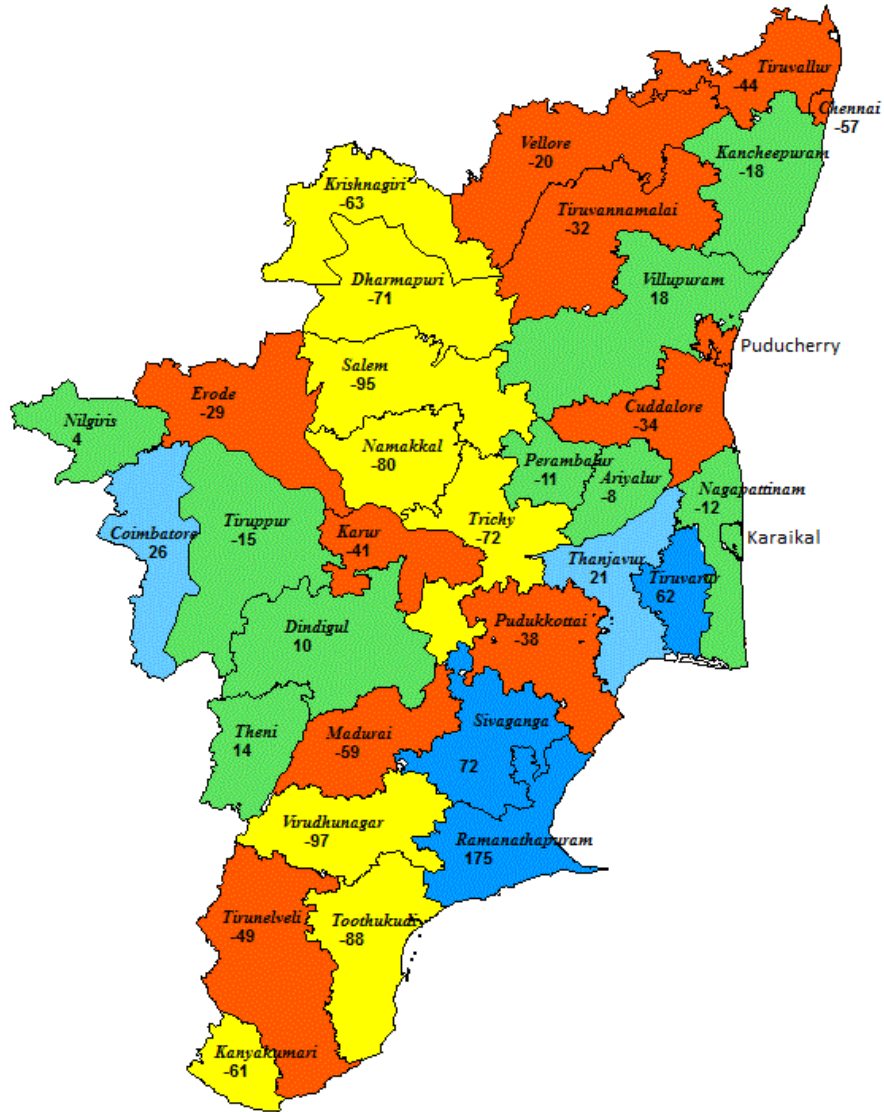
**LEGEND:** ■ L. EXCESS (+60% OR MORE) ■ EXCESS (+20% TO +59%) ■ NORMAL (+19% TO -19%)  
 ■ DEFICIENT (-20% TO -59%) ■ L. DEFICIENT (-60% TO -99%) ■ NO RAIN (-100%) ■ NO DATA

# INDIA METEOROLOGICAL DEPARTMENT

## RMC CHENNAI

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

PERIOD : 01.06.2017 - 14.06.2017



**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