

**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 4<sup>TH</sup> OCTOBER 2017 / 12<sup>TH</sup> ASVINA, 1939 (SAKA)**  
**SUMMARY OF WEATHER**

**Week's Rainfall:**

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

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

28/09/2017:Mannargudi (Tiruvarur Dist) 7, Vedaranyam (Nagapattinam Dist) 6, Alangudi (Pudukkottai Dist), Uthiramerur (Kancheepuram Dist), Muthupet (Tiruvarur Dist) 5 each, Devala (Nilgiris Dist), NeeDamangalam (Tiruvarur Dist), Sivaganga (Sivaganga Dist), Pencondapuram (Krishnagiri Dist), Parangipettai (Cuddalore Dist) 4 each, Thuckalay (Kanyakumari Dist), Hosur (Krishnagiri Dist), Thiruthuraiipoondi (Tiruvarur Dist), Anjatti (Krishnagiri Dist), Tiruvadana (Ramanathapuram Dist), Denkanikottai (Krishnagiri Dist), Ketti (Nilgiris Dist), Polur (Tiruvannamalai Dist), Gudiyatham (Vellore Dist), Marungapuri (Trichy Dist) 3 each, Yercaud (Salem Dist), Tiruvarur (Tiruvarur Dist), Krishnagiri (Krishnagiri Dist), Kuzhithurai (Kanyakumari Dist), Rayakottah (Krishnagiri Dist), Thalavadi (Erode Dist), Manamadurai (Sivaganga Dist), Melalathur (Vellore Dist), Pechiparai (Kanyakumari Dist), Thali (Krishnagiri Dist), Tirumangalam (Madurai Dist), Pochampalli (Krishnagiri Dist), Vallam (Thanjavur Dist), Vellore (Vellore Dist), Pandavaiyar head (Tiruvarur Dist), Mettupatti (Madurai Dist), Devakottai (Sivaganga Dist), Thanjavur PTO (Thanjavur Dist), Orthanad (Thanjavur Dist), Madukkur (Thanjavur Dist), Natham (Dindigul Dist) 2 each, Valparai taluk office (Coimbatore Dist), Uthagamandalam (Nilgiris Dist), Mettur (Salem Dist), Tozhudur (Cuddalore Dist), Nagercoil (Kanyakumari Dist), Thammampatty (Salem Dist), Tirupattur (Vellore Dist), Vedasandur (Dindigul Dist), Kothagiri (Nilgiris Dist), Sholavandan (Madurai Dist), Thanjavur (Thanjavur Dist), Arani (Tiruvannamalai Dist), Gingee (Villupuram Dist), Paramakudi (Ramanathapuram Dist), Attur (Salem Dist), Adirampatnam (Thanjavur Dist), Arantangi (Pudukkottai Dist), Pondicherry (Puducherry Dist), Kodavasal (Tiruvarur Dist), Kovilankulam (Virudhunagar Dist), Chinnakalar (Coimbatore Dist), Mangalapuram (Namakkal Dist), Illuppur (Pudukkottai Dist), Thuvakudi IMTI (Trichy Dist), Sankarapuram (Villupuram Dist), Kadavur (Karur Dist), Ambur (Vellore Dist), Pappireddipatti (Dharmapuri Dist), Kamudhi (Ramanathapuram Dist), Shoologiri (Krishnagiri Dist), Tiruchirappalli AP (Trichy Dist) 1 each.

29/09/2017:Gobichettipalayam (Erode Dist) 7, Vaniaymbadi (Vellore Dist) 6, Periyar (Theni Dist), Bhavani (Erode Dist), Salem (Salem Dist), Kumarapalayam (Namakkal Dist) 5 each, Maduranthagam (Kancheepuram Dist), Sankaridurg (Salem Dist) 4 each, Kancheepuram (Kancheepuram Dist), Chinnakalar (Coimbatore Dist), Ennore AWS (Tiruvallur Dist), Krishnagiri (Krishnagiri Dist), Valparai PTO (Coimbatore Dist), Vazhapadi (Salem Dist), Kelambakkam (Kancheepuram Dist), Tirupattur (Vellore Dist) 3 each, Tondi (Ramanathapuram Dist), Anjatti (Krishnagiri Dist), Alangayam (Vellore Dist), Satyabama University ARG (Kancheepuram Dist), Devala (Nilgiris Dist), Chennai(N) (Chennai Dist), Tambaram (Kancheepuram Dist), Mangalapuram (Namakkal Dist) 2 each, Thalavadi (Erode Dist), Rayakottah (Krishnagiri Dist), Valparai Taluk Office (Coimbatore Dist), Tindivanam (Villupuram Dist), Hogenekal (Dharmapuri Dist), Pencondapuram (Krishnagiri Dist),

Mylaudy (Kanyakumari Dist), Thamaraiakkam (Tiruvallur Dist), Natham (Dindigul Dist), Denkanikottai (Krishnagiri Dist), Venbavur (Perambalur Dist), Pallipattu (Tiruvallur Dist), Ponneri (Tiruvallur Dist), Marandahalli (Dharmapuri Dist), Kuzhithurai (Kanyakumari Dist), Pechiparai (Kanyakumari Dist), Papanasam (Tirunelveli Dist), Kalavai AWS (Vellore Dist), Mettupalayam (Coimbatore Dist), Polur (Tiruvannamalai Dist), Thuckalay (Kanyakumari Dist), DGP office (Chennai Dist), Vandavasi (Tiruvannamalai Dist) 1 each.

30/09/2017:Red hills (Tiruvallur Dist) 5, Chinnakalar (Coimbatore Dist) 4, Tiruttani (Tiruvallur Dist), Alangayam (Vellore Dist), Hosur (Krishnagiri Dist), Dindigul (Dindigul Dist), Valparai PTO (Coimbatore Dist), Gandarvakottai (Pudukkottai Dist) 2 each, Thali (Krishnagiri Dist), Thamaraiakkam (Tiruvallur Dist), Marungapuri (Trichy Dist), Wallajah (Vellore Dist), R.K.Pet (Tiruvallur Dist), Valparai Taluk Office (Coimbatore Dist), Cholavaram (Tiruvallur Dist), Barur (Krishnagiri Dist), Kancheepuram (Kancheepuram Dist), Pechiparai (Kanyakumari Dist) 1 each.

01/10/2017:Ennore AWS (Tiruvallur Dist) 14, Poondi (Tiruvallur Dist), Red hills (Tiruvallur Dist) 13 each, Cholavaram (Tiruvallur Dist) 12, Thamaraiakkam (Tiruvallur Dist) 11, Sriperumbudur (Kancheepuram Dist) 10, Ponneri (Tiruvallur Dist) 9, Tiruvallur (Tiruvallur Dist) 8, KVK Kattukuppam ARG (Kancheepuram Dist) 6, Poonamallee (Tiruvallur Dist), Chennai(N) (Chennai Dist), Poonamalle ARG (Tiruvallur Dist), Chembarabakkam (Tiruvallur Dist), Tambaram (Kancheepuram Dist) 5 each, Tiruttani (Tiruvallur Dist) 4, Kolapakkam ARG (Kancheepuram Dist), Kelambakkam (Kancheepuram Dist), Chennai AP (Kancheepuram Dist), Anna University ARG (Chennai Dist), Chengalpattu (Kancheepuram Dist), Anna University (Chennai Dist) 3 each, Sankaridurg (Salem Dist), Sholingur (Vellore Dist), Pallipattu (Tiruvallur Dist), Omalur (Salem Dist), R.K.Pet (Tiruvallur Dist), Thiruvallangadu (Tiruvallur Dist), Bhavani (Erode Dist), Vaniyambadi (Vellore Dist), Arani (Tiruvannamalai Dist), Kancheepuram (Kancheepuram Dist), DGP office (Chennai Dist) 2 each, Arakonam (Vellore Dist), Tiruchengode (Namakkal Dist), Kumarapalayam (Namakkal Dist), Polur (Tiruvannamalai Dist), Thuckalay (Kanyakumari Dist), Madavaram AWS (Tiruvallur Dist), Kuzhithurai (Kanyakumari Dist), G Bazar (Nilgiris Dist), Anjatti (Krishnagiri Dist), Wallajah (Vellore Dist), Mettur (Salem Dist), Ambur (Vellore Dist) 1 each.

02/10/2017: Kancheepuram (Kancheepuram Dist) 8, Kelambakkam (Kancheepuram Dist), Polur (Tiruvannamalai Dist) 7 each, Chengalpattu (Kancheepuram Dist), Tiruvaiyaru (Thanjavur Dist) 5 each, Ennore AWS (Tiruvallur Dist), Tiruttani (Tiruvallur Dist), Arani (Tiruvannamalai Dist), Thiruthuraiipoondi (Tiruvarur Dist) 4 each, Satyabama uty ARG (Kancheepuram Dist), Vandavasi (Tiruvannamalai Dist), Gandarvakottai (Pudukkottai Dist), Pudukkottai (Pudukkottai Dist), Uthiramerur (Kancheepuram Dist), Sriperumbudur (Kancheepuram Dist), KVK Kattukuppam ARG (Kancheepuram Dist), Pallipattu (Tiruvallur Dist), Gudiyatham (Vellore Dist) 3 each, Devala (Nilgiris Dist), Virinjipuram AWS (Vellore Dist), Arakonam (Vellore Dist), Perungalur (Pudukkottai Dist), DGP office (Chennai Dist), Pechiparai (Kanyakumari Dist), Periyar (Theni Dist), Hosur (Krishnagiri Dist), Kaveripakkam (Vellore Dist), Uthagamandalam (Nilgiris Dist), Tirumayam (Pudukkottai Dist) 2 each, Maduranthagam (Kancheepuram Dist), Thali (Krishnagiri Dist), Pattukottai (Thanjavur Dist), R.K.Pet (Tiruvallur Dist), Chembarabakkam (Tiruvallur Dist), Madukkur (Thanjavur Dist), Tambaram (Kancheepuram Dist), Karambakudi (Pudukkottai Dist), Vellore (Vellore Dist), Poonamalle ARG (Tiruvallur Dist), Ambur (Vellore Dist), Wallajah (Vellore Dist), Tiruvannamalai (Tiruvannamalai Dist), Anna University (Chennai Dist), Thirumanur (Ariyalur Dist), Melalathur (Vellore Dist), Mahabalipuram (Kancheepuram Dist), Kolapakkam ARG (Kancheepuram Dist), Mannargudi (Tiruvarur Dist), Chennai AP (Kancheepuram Dist) 1 each.

03/10/2017: Dindigul (Dindigul Dist) 7, Dindigul ARG (Dindigul Dist), Hogenekal (Dharmapuri Dist), Marandahalli (Dharmapuri Dist) 5 each, Polur (Tiruvannamalai Dist), Vellore (Vellore Dist), Maduranthagam (Kancheepuram Dist) 4 each, Cheyyar (Tiruvannamalai Dist), Ambur (Vellore Dist) 3 each, Virinjipuram AWS (Vellore Dist) 2, Arani (Tiruvannamalai Dist), Kvk kattukuppam ARG (Kancheepuram Dist), Uthiramerur (Kancheepuram Dist), Palani (Dindigul Dist), Chatrapatti (odanchatra (Dindigul Dist), Krishnagiri (Krishnagiri Dist), Kancheepuram (Kancheepuram Dist), Vandavasi (Tiruvannamalai Dist), Poonamalle ARG (Tiruvallur Dist) 1 each.

04/10/2017: Mahabalipuram (Kancheepuram Dist) 10, Cheyyar (Tiruvannamalai Dist) 9, Pallipattu (Tiruvallur Dist), Uthiramerur (Kancheepuram Dist), Virinjipuram AWS (Vellore Dist), Mylam AWS (Villupuram Dist), Vellore (Vellore Dist) 7 each, Kalavai AWS (Vellore Dist), Maduranthagam (Kancheepuram Dist) 6 each, Sathanur Dam (Tiruvannamalai Dist), Tiruvallur (Tiruvallur Dist), Gingee (Villupuram Dist), Cuddalore (Cuddalore Dist) 5 each, Chennai(N) (Chennai Dist), Vandavasi (Tiruvannamalai Dist), Tirupattur (Vellore Dist), Uthangarai (Krishnagiri Dist), Chennai AP (Kancheepuram Dist), Panruti (Cuddalore Dist), Thamarapakkam (Tiruvallur Dist), Chengam (Tiruvannamalai Dist) 4 each, Kolapakkam arg (Kancheepuram Dist), Marakkanam (Villupuram Dist), Vaniyambadi (Vellore Dist), Tambaram (Kancheepuram Dist), Kaveripakkam (Vellore Dist), Chembarabakkam (Tiruvallur Dist), Marandahalli (Dharmapuri Dist), Tindivanam (Villupuram Dist), Vilupuram (Villupuram Dist), Thali (Krishnagiri Dist), Chengalpattu (Kancheepuram Dist), Ambur (Vellore Dist), Rayakottah (Krishnagiri Dist), Paiyur AWS (Krishnagiri Dist), Barur (Krishnagiri Dist), Thiruvallangadu (Tiruvallur Dist), Pochampalli (Krishnagiri Dist), Polur (Tiruvannamalai Dist), Cholavaram (Tiruvallur Dist) 3 each, Kelambakkam (Kancheepuram Dist), Pondicherry (Puducherry Dist), KVK Kattukuppam ARG (Kancheepuram Dist), Penucondapuram (Krishnagiri Dist), Tiruttani (Tiruvallur Dist), Vanur (Villupuram Dist), Red hills (Tiruvallur Dist), Anjatti (Krishnagiri Dist), Melalathur (Vellore Dist), Kancheepuram (Kancheepuram Dist), Anna University (Chennai Dist), Satyabama University ARG (Kancheepuram Dist), Arakonam (Vellore Dist), Alangayam (Vellore Dist), Gudiyatham (Vellore Dist), Sankarapuram (Villupuram Dist), Krishnagiri (Krishnagiri Dist), Wallajah (Vellore Dist), Anna uty arg (Chennai Dist) 2 each, Arani (Tiruvannamalai Dist), Tiruvannamalai (Tiruvannamalai Dist), Poonamallee (Tiruvallur Dist), Tirukoilur (Villupuram Dist), Cheyyur (Kancheepuram Dist), DGP office (Chennai Dist), Uthagamandalam (Nilgiris Dist), Poonamalle ARG (Tiruvallur Dist), Sriperumbudur (Kancheepuram Dist), Denkanikottai (Krishnagiri Dist), Vallam (Thanjavur Dist), Poondi (Tiruvallur Dist) 1 each.

**Season's Rainfall for the period from 01.06.2017 to 30.09.2017:**

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

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

Last week's upper air cyclonic circulation over North Coastal Andhra Pradesh and adjoining South Odisha lay over Westcentral Bay off South Odisha and North Coastal Andhra Pradesh and extended upto 3.6 Kilometres above mean sea level tilting southwards with height on 28<sup>th</sup> September, persisted over the same area and extended between 1.5 and 3.6 Kilometres above mean sea level tilting southwards with height on 29<sup>th</sup> September, over South Odisha and neighbourhood and extended upto 5.8 Kilometres above mean sea level on 30<sup>th</sup> September and over Interior Odisha and neighbourhood between 1.5 and 3.1 Kilometres above mean sea level on 1<sup>st</sup> October.

A trough extended from the above cyclonic circulation to North Kerala across Rayalaseema and South Interior Karnataka at 1.5 Kilometres above mean sea level on 28<sup>th</sup> September, upto Coastal Karnataka across Coastal Andhra Pradesh, Rayalaseema, South Interior Karnataka at 1.5 Kilometres above mean sea level on 29<sup>th</sup> September and upto South Coastal Karnataka between 0.9 and 1.5 Kilometres above mean sea level across Telangana, Rayalaseema and South Interior Karnataka on 30<sup>th</sup> September.

An upper air cyclonic circulation lay over North Kerala and neighbourhood between 4.5 and 7.6 Kilometres above mean sea level on 28<sup>th</sup> September, over South Interior Karnataka and neighbourhood between 5.8 and 7.6 Kilometres above mean sea level on 29<sup>th</sup> September, over Eastcentral Arabian sea off Karnataka-South Maharashtra coast between 3.1 and 7.6 Kilometres above mean level on 30<sup>th</sup> September and over Eastcentral Arabian sea off

Karnataka coast and extended upto 3.1 Kilometres above mean sea level tilting southwards with height on 1<sup>st</sup> October.

Last week's shear zone along Latitude 15.0 deg. North persisted and seen between 3.1 and 3.6 Kilometres above mean sea level on 28<sup>th</sup> and 29<sup>th</sup> September. An upper air cyclonic circulation lay over Westcentral Bay off Andhra Pradesh coast between 3.1 and 3.6 Kilometres above mean sea level on 1<sup>st</sup> October and over Rayalaseema and neighbourhood between 3.1 and 5.8 Kilometres above mean sea level on 2<sup>nd</sup> October. An upper air cyclonic circulation lay over North Odisha and neighbourhood and extended upto 1.5 Kilometres above mean sea level on 2<sup>nd</sup> October and moved further northeast-ward on 3<sup>rd</sup> October. A trough from the above cyclonic circulation ran upto North Kerala across Telangana, Rayalaseema and South Interior Karnataka and extended upto 1.5 Kilometres above mean sea level on 2<sup>nd</sup> October and upto Coastal Karnataka across Telangana, Rayalaseema and South Interior Karnataka and extended upto 1.5 Kilometres above mean sea level on 3<sup>rd</sup> October.

A cyclonic circulation lay over Eastcentral Arabian sea and adjoining areas of South Maharashtra – Coastal Karnataka and extended upto 1.5 Kilometres above mean sea level on 4<sup>th</sup> October. An East-West shear zone ran roughly along Latitude 16.0 deg. North between 3.1 and 5.8 Kilometres above mean sea level on 4<sup>th</sup> October.

**Temperature:**

The minimum temperatures were above normal at a few places over the state on 1<sup>st</sup>, 3<sup>rd</sup> and 4<sup>th</sup> October.

The maximum temperatures were above normal at a few places over the state on 1<sup>st</sup>, 2<sup>nd</sup> October and were appreciably to markedly above normal at a few places on 3<sup>rd</sup> October.

**Rainfall:** Rainfall occurred at a few places over the state on 28<sup>th</sup>, 29<sup>th</sup> September, 4<sup>th</sup> October and at isolated places from 30<sup>th</sup> September to 3<sup>rd</sup> October during the week.

Regional Meteorological Centre,  
College Road, Chennai-6.  
Date: 04.10.2017

(P. S. KANNAN)  
SCIENTIST 'D'  
for Deputy Director General of Meteorology

## RAINFALL STATEMENT

Districts	Rainfall for the week ending 4 <sup>th</sup> October 2017			Seasonal rainfall for the period from 01.06.2017 to 30.09.2017		
	Actual (mm)	Normal (mm)	Departure (%)	Actual (mm)	Normal (mm)	Departure (%)
Ariyalur	2.9	37.4	-92	549.4	392.0	40
Chennai	67.9	38.4	77	449.8	439.1	2
Coimbatore	6.6	24.7	-73	510.0	189.8	169
Cuddalore	16.9	33.8	-50	465.6	383.1	22
Dharmapuri	26.6	45.3	-41	402.4	393.4	2
Dindigul	24.5	37.6	-35	410.1	295.4	39
Erode	23.1	33.3	-31	311.1	229.8	35
Kancheepuram	113.3	42.4	167	488.5	490.8	0
Kanyakumari	22.0	34.6	-36	399.4	477.4	-16
Karaikal	0.8	27.0	-97	238.0	293.1	-19
Karur	1.2	29.8	-96	336.1	213.6	57
Krishnagiri	57.4	56.4	2	525.1	399.0	32
Madurai	6.0	38.9	-85	407.5	335.9	21
Nagapattinam	10.1	30.8	-67	299.0	286.1	5
Namakkal	18.0	34.4	-48	379.1	339.3	12
Nilgiris	19.4	41.8	-54	731.5	759.9	-4
Perambalur	5.0	32.1	-84	552.3	290.7	90
Pudukottai	18.2	32.7	-44	407.3	350.6	16
Ramanathapuram	7.4	18.6	-60	211.2	149.3	41
Salem	31.9	44.3	-28	484.6	440.6	10
Sivaganga	12.5	29.8	-58	526.3	301.0	75
Thanjavur	13.3	34.5	-61	479.5	318.4	51
Theni	11.9	22.1	-46	366.5	158.4	131
Tirunelveli	2.2	16.5	-87	212.7	142.4	49
Tiruppur	0.0	29.4	-100	310.4	154.8	100
Tiruvallur	113.3	40.0	183	498.7	451.6	10
Tiruvannamalai	88.6	39.9	122	621.9	468.1	33
Tiruarur	31.6	31.0	2	390.5	296.4	32
Toothukudi	0.0	13.6	-100	105.5	74.9	41
Tiruchirapalli	4.6	36.9	-88	333.8	293.9	14
Vellore	79.0	40.8	94	573.6	466.1	23
Villupuram	33.9	34.8	-3	441.2	408.3	8
Virudhunagar	1.6	27.1	-94	293.5	196.8	49
Puducherry	33.5	33.9	-1	473.3	385.0	23
Tamilnadu	28.5	33.8	-16	414.3	321.2	29
Tamilnadu and Puducherry	28.5	33.8	-16	414.2	321.4	29

### 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 %

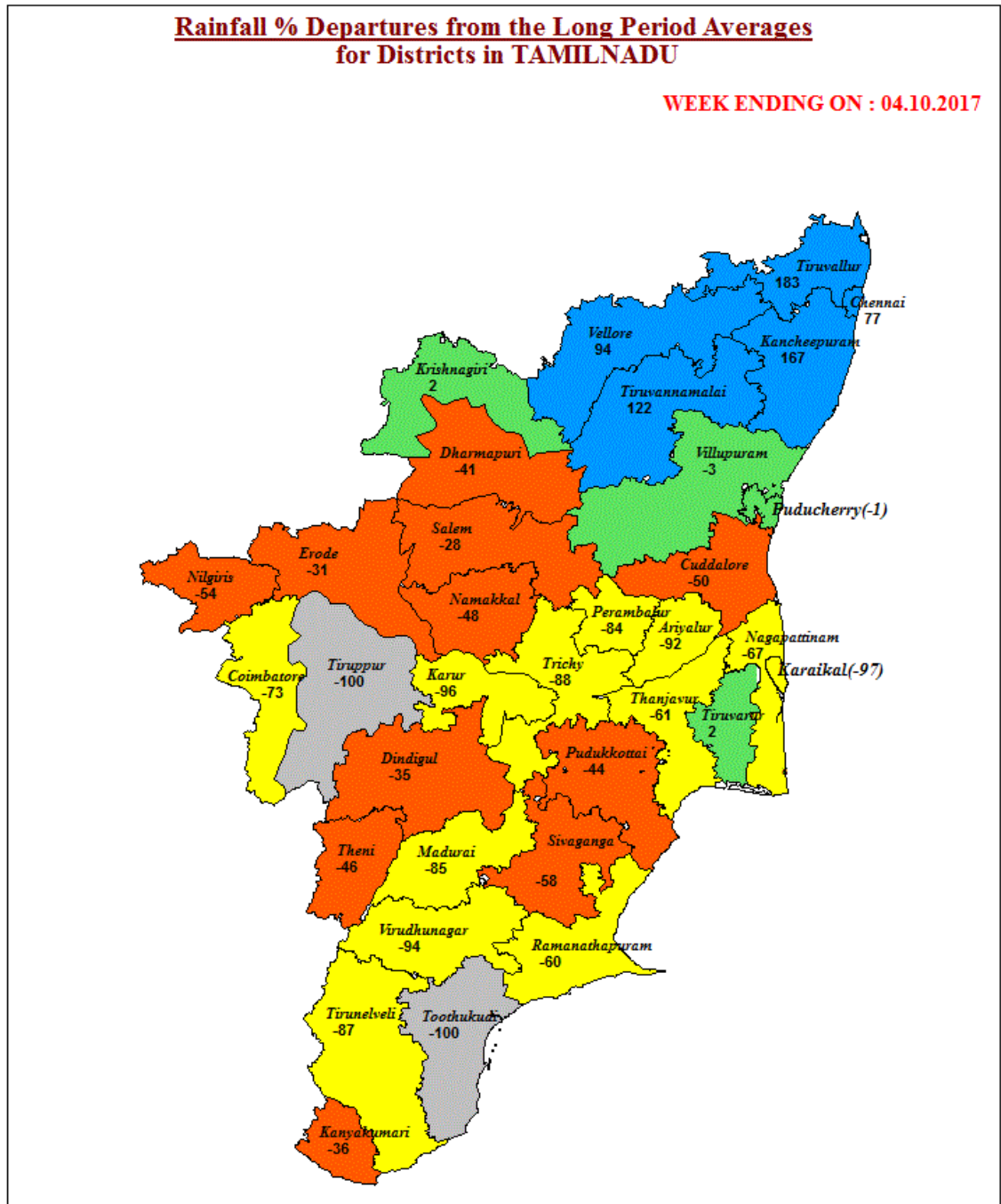
In calculation of excess, deficits and their percentage, rainfall figures are taken to 0.1 mm

# INDIA METEOROLOGICAL DEPARTMENT

## RMC CHENNAI

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

WEEK ENDING ON : 04.10.2017



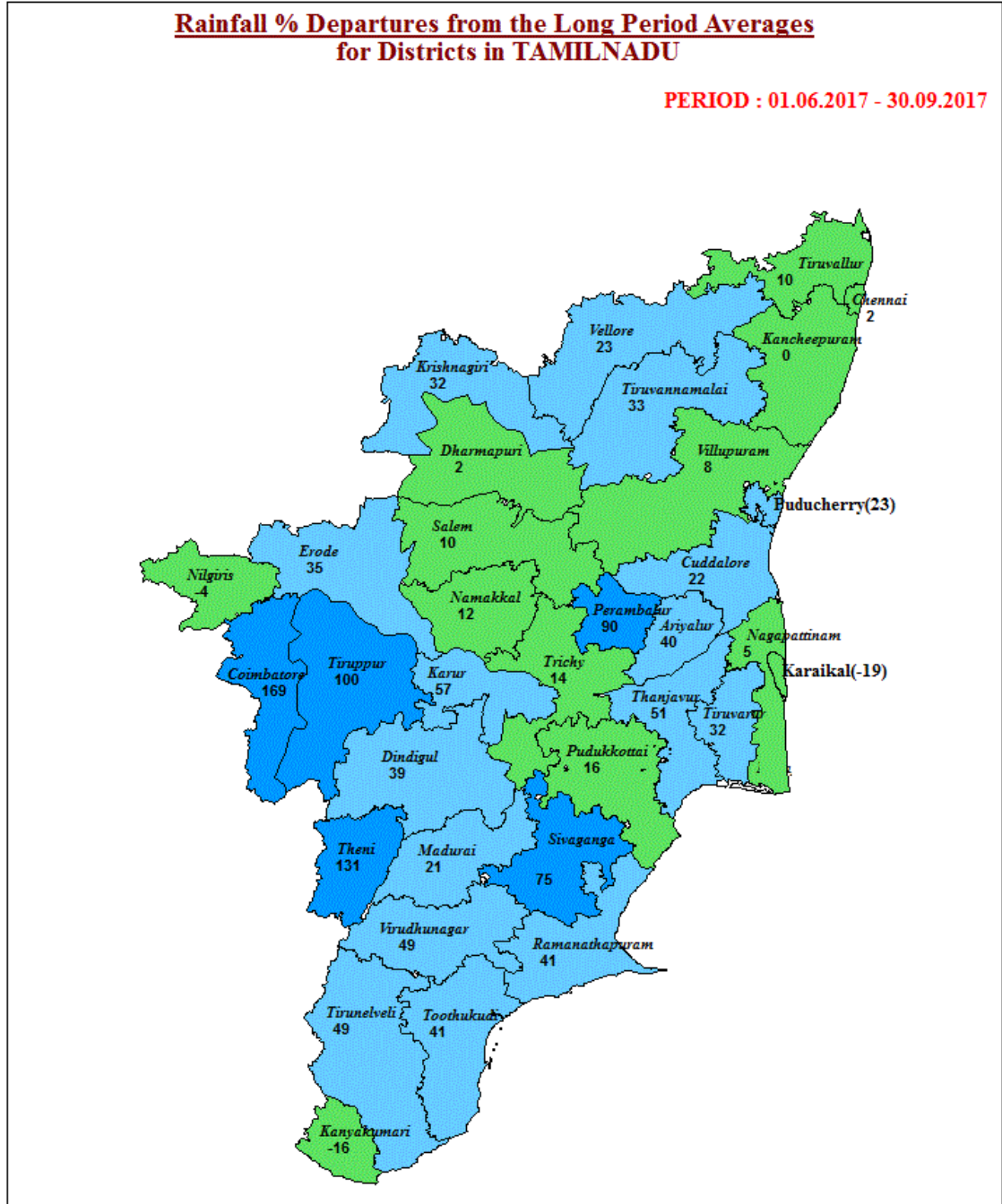
**LEGEND:** ■ L. EXCESS (+60% OR MORE) ■ EXCESS (+20% TO +59%) ■ NORMAL (+19% TO -19%)  
 ■ DEFICIENT (-20% TO -59%) ■ L. DEFICIENT (-60% TO -99%) ■ NO RAIN (-100%) ■ NO DATA

# INDIA METEOROLOGICAL DEPARTMENT

## RMC CHENNAI

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

PERIOD : 01.06.2017 - 30.09.2017



**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