

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 31ST MAY 2017 / 10TH JYAISTHA, 1939 (SAKA)
SUMMARY OF WEATHER

Week's Rainfall:

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

The chief amounts of rainfall recorded in Centimetres:

25/05/2017: Srivilliputhur (Virudhunagar Dist) 5, Mudukulatur (Ramanathapuram Dist), Kovilpatti (Toothukudi Dist), Sankarankoil (Tirunelveli Dist) 4 each, Sholavandan (Madurai Dist), Rajapalayam (Virudhunagar Dist), Kalugumalai (Toothukudi Dist), Thalavadi (Erode Dist), Hosur (Krishnagiri Dist), Naduvattam (Nilgiris Dist), G Bazar (Nilgiris Dist), Gobichettipalayam (Erode Dist), Peraiyur (Madurai Dist), Mettupatti (Madurai Dist), Sivakasi (Virudhunagar Dist) 3 each, Thali (Krishnagiri Dist), Kothagiri (Nilgiris Dist), Uthagamandalam (Nilgiris Dist), Palacode (Dharmapuri Dist), Denkanikottai (Krishnagiri Dist) 2 each, Marandahalli (Dharmapuri Dist), Kodaikanal (Dindigul Dist), Sathyamangalam (Erode Dist), Tirumangalam (Madurai Dist), Vadipatti (Madurai Dist), K bridge (Nilgiris Dist), Ayikudi (Tirunelveli Dist), Tirupattur (Vellore Dist), SenDamangalam (Namakkal Dist), Pennagaram (Dharmapuri Dist), Vellore (Vellore Dist), Hogenekal (Dharmapuri Dist), Valparai pto (Coimbatore Dist), Bhavani (Erode Dist), Coonoor (Nilgiris Dist) 1 each.

26/05/2017: Rayakottah (Krishnagiri Dist) 6, Pollachi (Coimbatore Dist) 5, Chengam (Tiruvannamalai Dist) 3, Bodinayakanur arg (Theni Dist), Hogenekal (Dharmapuri Dist), Bhavani (Erode Dist), Sathanur Dam (Tiruvannamalai Dist), Barur (Krishnagiri Dist), Chinnakalar (Coimbatore Dist), Dharmapuri pto (Dharmapuri Dist), Sivaganga (Sivaganga Dist), Gobichettipalayam (Erode Dist) 2 each, Peraiyur (Madurai Dist), Tirupathur (Sivaganga Dist), Kumarapalayam (Namakkal Dist), Sathyamangalam (Erode Dist), Srivilliputhur (Virudhunagar Dist), Penucondapuram (Krishnagiri Dist), Natham (Dindigul Dist), Aravakurichi (Karur Dist), Valparai pto (Coimbatore Dist), Periyanaickenpalayam (Coimbatore Dist), Tiruppur (Tiruppur Dist), Kothagiri (Nilgiris Dist), Mettupalayam (Coimbatore Dist), Bhavanisagar (Erode Dist), Valparai taluk office (Coimbatore Dist), Dharmapuri (Dharmapuri Dist), Colachel (Kanyakumari Dist), Periyakulam AWS (Theni Dist), Avinasi (Tiruppur Dist) 1 each.

27/05/2017: Thalavadi (Erode Dist) 8, Krishnagiri (Krishnagiri Dist), Thali (Krishnagiri Dist), Denkanikottai (Krishnagiri Dist), Virinjipuram AWS (Vellore Dist) 6 each, Hosur (Krishnagiri Dist), Mangalapuram (Namakkal Dist), Omalur (Salem Dist), Vaniyambadi (Vellore Dist) 5 each, Shoolagiri (Krishnagiri Dist), Penucondapuram (Krishnagiri Dist), Marandahalli (Dharmapuri Dist), Uthiramerur (Kancheepuram Dist), Vanur (Villupuram Dist), Yercaud (Salem Dist), Palacode (Dharmapuri Dist), Tozhudur (Cuddalore Dist), Pennagaram (Dharmapuri Dist), Tiruchengode (Namakkal Dist), Samayapuram (Trichy Dist), Pappireddipatti (Dharmapuri Dist) 4 each, Ambur (Vellore Dist), Sathanur Dam (Tiruvannamalai Dist), Dharmapuri pto (Dharmapuri Dist), Sankaridurg (Salem Dist), Chengam (Tiruvannamalai Dist), Erode (Erode Dist), Panchapatti (Karur Dist), Tirupathur pto (Vellore Dist), Tirupattur (Vellore Dist), Vazhapadi (Salem Dist), SenDamangalam (Namakkal

Dist), Vilathikulam (Toothukudi Dist) 3 each, Harur (Dharmapuri Dist), G Bazar (Nilgiris Dist), Mettur (Salem Dist), Alangayam (Vellore Dist), Attur (Salem Dist), Naduvattam (Nilgiris Dist), Maduranthagam (Kancheepuram Dist), Barur (Krishnagiri Dist), Thuvakudi IMTI (Trichy Dist), Hogenekal (Dharmapuri Dist), Perundururai (Erode Dist), Uthangarai (Krishnagiri Dist), Salem (Salem Dist) 2 each, Bhavani (Erode Dist), Pochampalli (Krishnagiri Dist), Dharamapuri (Dharmapuri Dist), Rayakottah (Krishnagiri Dist), Sholingur (Vellore Dist), Melalathur (Vellore Dist), Rasipuram (Namakkal Dist), Devala (Nilgiris Dist), Kalavai AWS (Vellore Dist), Thammampatty (Salem Dist), Anjatti (Krishnagiri Dist), Illuppur (Pudukkottai Dist), Gudiyatham (Vellore Dist), Uthagamandalam (Nilgiris Dist), Manapparai (Trichy Dist), Ariyalur (Ariyalur Dist), Kothagiri (Nilgiris Dist), Ketti (Nilgiris Dist), Trp town (Trichy Dist), Kumarapalayam (Namakkal Dist) 1 each.

28/05/2017: Kodaikanal (Dindigul Dist) 5, Thali (Krishnagiri Dist) 2, Hosur (Krishnagiri Dist) 1.

29/05/2017: Arantangi (Pudukkottai Dist), Devakottai (Sivaganga Dist) 2 each, Karaikudi (Sivaganga Dist) 1.

30/05/2017: Sivaganga (Sivaganga Dist), Colachel (Kanyakumari Dist), Kuzhithurai (Kanyakumari Dist) 6 each, Mylaudy (Kanyakumari Dist), Eraniel (Kanyakumari Dist), Thuckalay (Kanyakumari Dist) 5 each, Tiruvadana (Ramanathapuram Dist), Nagercoil (Kanyakumari Dist) 4 each, Kamudhi (Ramanathapuram Dist), Karaikudi (Sivaganga Dist), Pechiparai (Kanyakumari Dist) 3 each, Manamadurai (Sivaganga Dist), Tirupuvanam (Sivaganga Dist), Kanyakumari (Kanyakumari Dist), Ponneri (Tiruvallur Dist), Arantangi (Pudukkottai Dist), Aruppukottai (Virudhunagar Dist), Tirupathur (Sivaganga Dist), Thiruchuzhi (Virudhunagar Dist) 2 each, Red hills (Tiruvallur Dist), Devakottai (Sivaganga Dist), Bhoothapandy (Kanyakumari Dist), R.s.mangalam (Ramanathapuram Dist), Cholavaram (Tiruvallur Dist), Melur (Madurai Dist), Paramakudi (Ramanathapuram Dist), Periyar (Theni Dist) 1 each.

31/05/2017: Pechiparai (Kanyakumari Dist) 2, Valparai pto (Coimbatore Dist), Naduvattam (Nilgiris Dist), Kuzhithurai (Kanyakumari Dist), Chinnakalar (Coimbatore Dist), G Bazar (Nilgiris Dist), Valparai taluk office (Coimbatore Dist), SenDamangalam (Namakkal Dist), Avinasi (Tiruppur Dist) 1 each.

Season's Rainfall for the period from 01.03.2017 to 31.05.2017:

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

Chief synoptic features and its associated weather:

Southwest monsoon set in over Kerala on 30th May 2017.

An upper air trough seen from North interior Karnataka to South Tamil Nadu and extended upto 0.9 kilometres above sea level on 25th and 26th. An off-shore trough seen from North Maharashtra coast to North Kerala coast on 30th and it extended from South Maharashtra coast to North Kerala on 31st.

A low pressure area formed over Central Bay of Bengal on 25th and it became well marked on 27th over the same area and it concentrated into a depression and lay near latitude 14.0^o North/88.5^o East over Central Bay of Bengal at 00UTC of 28th, and it moved Northeastwards and further concentrated into a deep depression over Eastcentral Bay of Bengal near latitude 15.4^o North and longitude 90.5^o East at 09UTC of 28th and it further

moved in Northeastwards and intensified into a cyclonic storm “Mora” at 15 UTC of 28th and lay near latitude 16.0⁰ North and longitude 91.0⁰ East over Eastcentral Bay of Bengal.

The system further moved in North-northeastwards and further intensified into a “Severe cyclonic storm” and lay over Northeast and adjoining Eastcentral Bay of Bengal near latitude 18.6⁰ North and longitude 91.5⁰ East at 12UTC of 29th and it moved in Northerly direction for some more time and it then further moved in North-northeastwards and lay centered at 03 UTC of 30th over Bangaladesh coast near latitude 21.8⁰ North and longitude 91.9⁰ East at about 50 kilometres South of Chittagong and crossed Bangaladesh coast near latitude 21.9⁰ North and longitude 91.9⁰ East at 30 kilometres South of Chittagong between 2-4 UTC of 30th and it was located at 04 UTC over coastal Bangaladesh near latitude 22.0⁰ North and longitude 91.9⁰ East as a severe cyclonic storm “Mora”. The system weakened into cyclonic storm and it further weakened into a deep depression over Tripura and neighbourhood and further weakened gradually.

Temperature: The maximum temperature were markedly above normal at many places over the state on 30th and it were appreciably above normal at one or two places on 29th, and it were above normal at a few places on 26th and it were below normal at one or two places during the rest days of the week.

Rainfall: Rainfall occurred at a few places on 27th and at isolated places on 25th, 26th from 28th to 31st during the week.

Regional Meteorological Centre,
6, College Road, Chennai-6.
Date: 31.05.2017

(C.S.PATIL)
SCIENTIST ‘D’
for Deputy Director General of Meteorology

RAINFALL STATEMENT

Districts	Rainfall for the week ending 31 st May 2017			Seasonal rainfall for the period from 01.03.2017 to 31.05.2017		
	Actual (mm)	Normal (mm)	Departure (%)	Actual (mm)	Normal (mm)	Departure (%)
Ariyalur	4.5	15.0	-70	43.7	101.8	-57
Chennai	1.8	4.8	-63	1.8	58.5	-97
Coimbatore	17.2	11.1	55	170.5	150.3	13
Cuddalore	4.6	9.7	-53	23.3	81.7	-71
Dharmapuri	45.1	25.6	76	241.0	160.4	50
Dindigul	9.4	16.3	-43	151.4	168.0	-10
Erode	36.8	13.9	164	258.4	142.4	81
Kancheepuram	4.9	8.8	-44	14.3	66.0	-78
Kanyakumari	43.8	37.5	17	152.4	288.3	-47
Karaikal	0.0	5.5	-100	205.3	66.6	208
Karur	5.8	11.4	-50	127.7	109.2	17
Krishnagiri	52.2	21.7	141	285.1	151.6	88
Madurai	14.7	12.4	19	177.3	144.8	22
Nagapattinam	0.0	6.8	-100	51.4	80.5	-36
Namakkal	24.4	19.8	23	141.7	148.6	-5
Nilgiris	31.4	23.9	32	329.2	235.3	40
Perambalur	3.0	12.4	-76	122.1	108.9	12
Pudukottai	4.7	11.1	-58	54.4	97.5	-44
Ramanathapuram	14.7	5.6	162	69.3	115.5	-40
Salem	28.4	23.9	19	167.8	170.8	-2
Sivaganga	34.9	11.4	206	107.3	121.2	-11
Thanjavur	0.0	11.9	-100	60.4	102.1	-41
Theni	6.7	8.5	-21	147.0	168.3	-13
Tirunelveli	6.5	5.8	12	178.0	166.2	7
Tiruppur	6.5	11.3	-42	106.2	135.1	-21
Tiruvallur	3.9	9.5	-59	15.9	67.2	-76
Tiruvannamalai	18.5	15.4	20	57.5	98.9	-42
Tiruvarur	0.0	8.9	-100	30.5	97.7	-69
Toothukudi	7.6	3.7	104	36.7	111.6	-67
Tiruchirapalli	8.0	12.7	-37	107.8	109.9	-2
Vellore	21.8	18.1	21	106.9	106.5	0
Villupuram	6.9	7.1	-3	49.8	76.0	-35
Virudhunagar	18.8	10.7	75	144.8	161.5	-10
Puducherry	0.0	5.7	-100	9.9	70.9	-86
Tamilnadu	16.3	13.2	23	122.6	128.0	-4
Tamilnadu and Puducherry	16.2	13.1	23	122.5	127.8	-4

LEGEND:

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

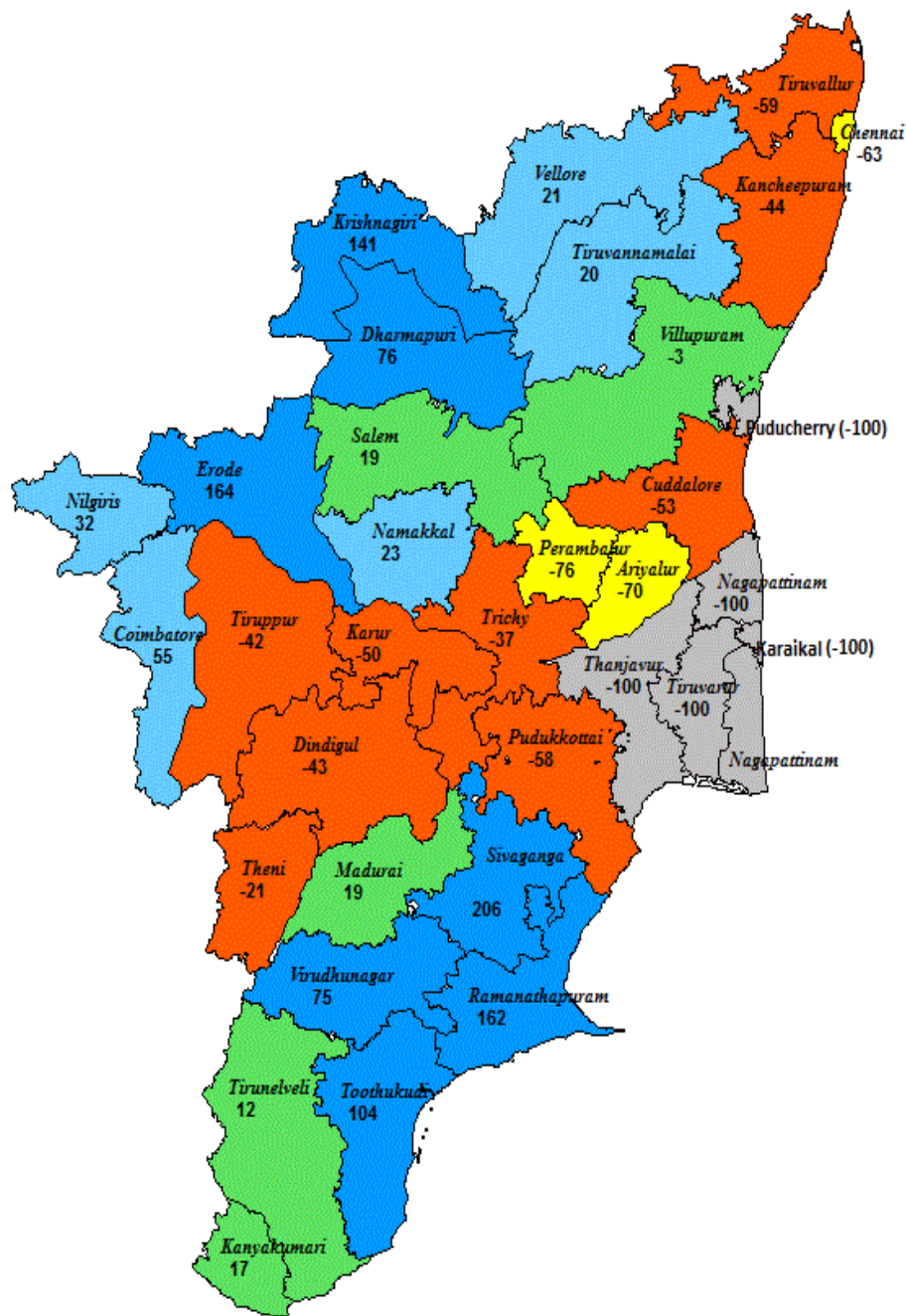
In calculation of excess, deficits and their percentage, rainfall figures are taken to 0.1 mm.

INDIA METEOROLOGICAL DEPARTMENT

RMC CHENNAI

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

WEEK ENDING ON : 31.05.2017



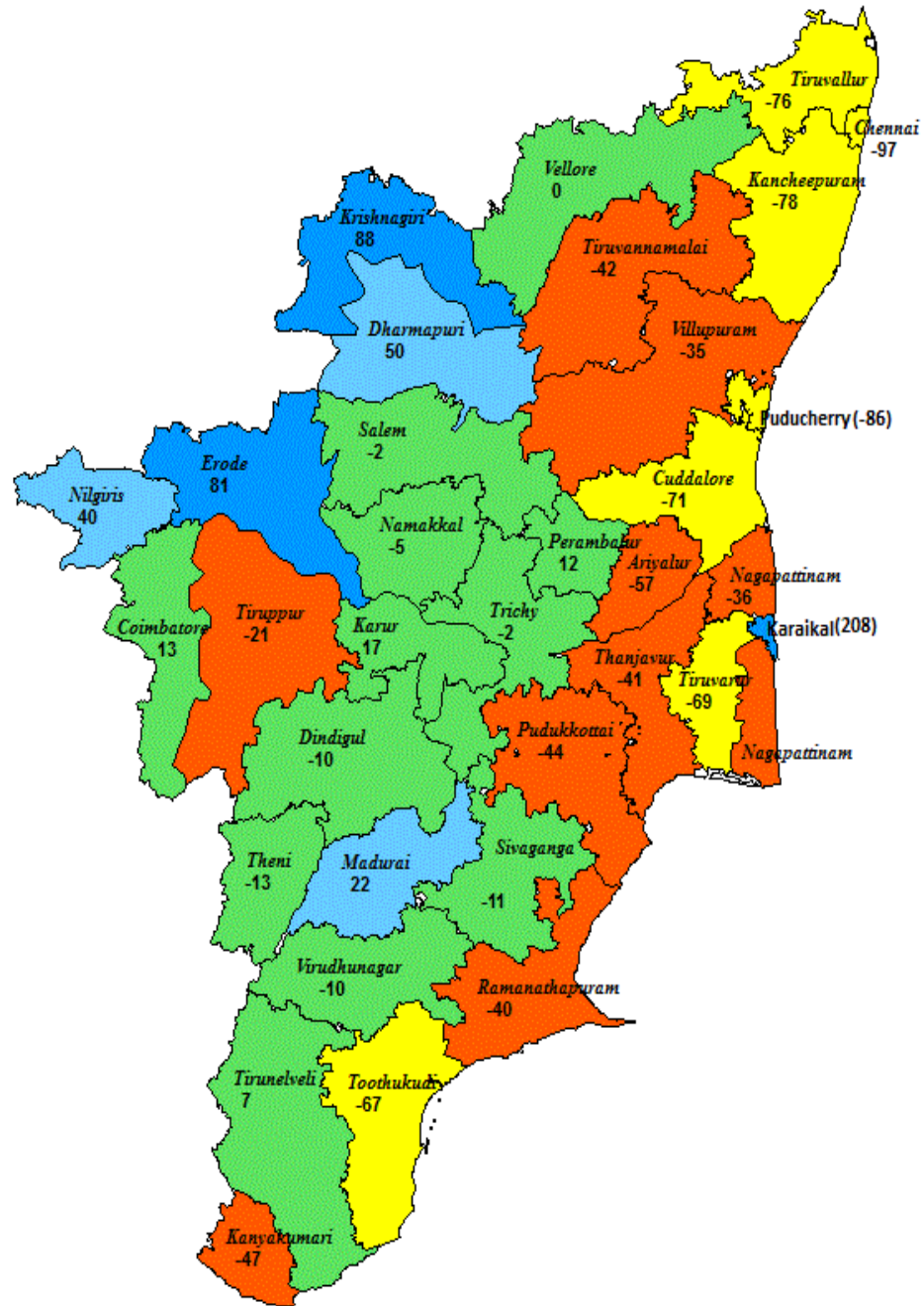
LEGEND: ■ L. EXCESS (+60% OR MORE) ■ EXCESS (+20% TO +59%) ■ NORMAL (+19% TO -19%)
■ DEFICIENT (-20% TO -59%) ■ L. DEFICIENT (-60% TO -99%) ■ NO RAIN (-100%) ■ NO DATA

INDIA METEOROLOGICAL DEPARTMENT

RMC CHENNAI

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

PERIOD : 01.03.2017 - 31.05.2017



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