

இந்திய அரசு

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மண்டல வானிலை ஆய்வு மையம்
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GOVERNMENT OF INDIA

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WEEKLY WEATHER REPORT FOR TAMILNADU, PUDUCHERRY & KARAIKAL FOR THE WEEK ENDING 13TH DECEMBER 2023 22 Agrahayana 1945 (SAKA)

Chief synoptic features and its associated weather:

A Cyclonic Circulation lay over southeast Arabian Sea & neighbourhood and extended upto 1.5 km above mean sea level on 07th; lay over Southeast Arabian Sea & adjoining Maldives area and extended upto 4.5 km above mean sea level on 08th; persisted and extended upto 5.8 km above mean sea level on 09th; persisted over the same region on 10th; persisted and extended upto 1.5 km above mean sea level on 11th; lay over southeast Arabian sea and extended upto 3.1 km above mean sea level on 12th; lay over southwest and adjoining south east Arabian sea and extended upto 3.1 km above mean sea level on 13th Dec 2023.

Rainfall:

Northeast monsoon has been active over south Tamilnadu on 09th Dec 2023.

Rainfall occurred over Tamilnadu at a few places on 09th; at isolated places 07th, 08th, 10th, 11th, 12th and 13th; over Puducherry on 09th; and over Karaikal on 08th. Very light rain occurred over Puducherry on 10th and 13th. Dry weather prevailed over Puducherry on 07th, 08th, 11th, 12th; over Karaikal area on 07th, 09th, 10th, 11th, 12th and 13th Dec 2023.

Isolated **Heavy to very heavy** rainfall occurred over Nilgiris district on 09th Dec 2023.

Isolated **heavy rainfall** occurred over Erode district on 07th, 09th; over Kallakurichi district on 07th; over Coimbatore district on 08th, 09th; over Nilgiris district on 08th, 10th; over Virudhunagar districts on 08th; over Tirunelveli district on 09th, 10th; over Theni, Tiruppur and Madurai districts on 09th Dec 2023.

Rainfall distribution over sub regions of Tamilnadu:

SPATIAL	07-12-2023	08-12-2023	09-12-2023	10-12-2023	11-12-2023	12-12-2023	13-12-2023
NCTN	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
SCTN	ISOL	ISOL	FWS	SCT	SCT	ISOL	ISOL
NITN	ISOL	ISOL	SCT	ISOL	ISOL	ISOL	ISOL
SITN	ISOL	ISOL	SCT	SCT	SCT	ISOL	ISOL

Temperature Description:**Maximum Temperature (24 Hrs. Change):**

Date/Category	07-12-2023	08-12-2023	09-12-2023	10-12-2023	11-12-2023	12-12-2023	13-12-2023
Markedly fall (-4.1° C or less)	—	—	Vellore district.	Tirunelveli district.	Salem district.	—	
Appreciable fall (-2.1° C to -4.0°)	Thanjavur district.	Vellore district.	Chennai, Coimbatore, Nilgiris and Dindigul districts.	Nilgiris district and Puducherry.	Kanyakumari, Tirunelveli and Ramanathapuram districts.	Karur, Namakkal and Vellore districts.	
Appreciable rise (2.1° C to 4.0°)	Coimbatore, Erode, Karur, Namakkal, Nilgiris and Vellore districts.	—	—	—	Nilgiris district.	Nilgiris, Tirunelveli and Salem districts.	
Markedly rise (4.1° c or more)	—	—	—	—	—	—	
No large change (-2.0° C to 2.0°C)	Over the rest of the districts						

Maximum Temperature (Departure):

Date/Category	07-12-2023	08-12-2023	09-12-2023	10-12-2023	11-12-2023	12-12-2023	13-12-2023
Markedly above normal (5.1° C or more)	Karur and Trichy districts.	Karur and Trichy districts.	—	—	—	—	—
Appreciably above Normal (3.1° C to 5.0° C)	Chennai, Coimbatore, Nilgiris, Erode, Dindigul, Madurai, Nagapattinam, Tirunelveli, Ramanathapuram, Vellore districts and Karaikal area.	Coimbatore, Nilgiris, Erode, Madurai, Tirunelveli and Ramanathapuram districts.	Kanyakumari, Karur, Tirunelveli, Ramanathapuram and Trichy districts.	Karur and Ramanathapuram districts.	Karur and Ramanathapuram districts.	—	Karur district.
Above Normal (1.6° C to 3.0° C)	Thanjavur, Chennai, Dharmapuri, Kanyakumari, Madurai, Salem, Tiruvallur, Thoothukudi,	Thanjavur, Chennai, Dharmapuri, Kanyakumari, Dindigul, Madurai,	Thanjavur, Dharmapuri, Erode, Madurai, Nagapattinam, Salem, Thirupattur and	Thanjavur, Chennai, Dharmapuri, Erode, Kanyakumari, Madurai, Nagapattinam,	Thanjavur, Dharmapuri, Erode, Dindigul, Madurai, Nagapattinam, Thirupattur, Trichy,	Nilgiris, Dindigul, Thirupattur, Tiruvallur and Ramanathapuram districts.	Thirupattur, Tiruvallur and Ramanathapuram districts.

	Nilgiris districts and Puducherry.	Nagapattinam, Salem, Tiruvallur, Thoothukudi, Nilgiris, Coimbatore and Vellore districts, Puducherry and Karaikal area.	Thoothukudi districts, Puducherry and Karaikal area.	Tiruchirappalli, Tiruvallur & Vellore districts and Karaikal area.	Nilgiris and Vellore districts.		
Below normal (-1.6 ° to -3.0 ° C)	—	—	Nilgiris district.	—	Salem district.	—	Nilgiris district.
Appreciably below normal (- 3.1° C to – 5.0°C)	—	—	—	—	Tirunelveli district.	—	—
Markedly below normal (- 5.1° C or less)	—	—	—	—	—	—	—
Normal (-1.5° C to 1.5° C)	Over the rest of the districts.						

Minimum Temperature (24 Hrs. Change)

Date/Category	07-12-2023	08-12-2023	09-12-2023	10-12-2023	11-12-2023	12-12-2023	13-12-2023
Markedly fall (-4.1° C or less)	—	—	—	—	—	—	—
Appreciable fall (-2.1° C to -4.0°)							Nagapattinam district and Karaikal area.
Appreciable rise (2.1 ° C to 4.0°)	Dharmapuri district.	Nilgiris district.	—	—	—	—	—
Markedly rise (4.1° c or more)	—	—	—	—	—	—	—
No large change (-2.0° C to 2.0°C)	Over the rest of the districts						

Minimum Temperature (Departure)

Date/Category	07-12-2023	08-12-2023	09-12-2023	10-12-2023	11-12-2023	12-12-2023	13-12-2023
Markedly above normal (5.1 ° C or more)	Tiruvallur, Vellore districts and Puducherry.	Vellore district.	—	—	Nilgiris (Ooty) district.	—	Thirupattur district.

Appreciably above Normal (3.1° C to 5.0 ° C)	Thanjavur, Chennai, Coimbatore, Cuddalore, Dharmapuri, Madurai, Nagapattinam, Salem, Trichy, Ramanathapuram, Thoothukudi districts and Karaikal area.	Thanjavur, Coimbatore, Nilgiris, Cuddalore, Dharmapuri, Dindigul, Madurai, Nagapattinam, Puducherry, Salem, Trichy, Tiruvallur, Ramanathapuram and Thoothukudi districts and Karaikal area.	Thanjavur, Nilgiris, Cuddalore, Dharmapuri, Dindigul, Madurai, Nagapattinam, Salem, Thirupattur, Trichy, Tiruvallur, Coimbatore and Vellore districts, Puducherry and Karaikal area.	Chennai (Nungambakam), Coimbatore, Nilgiris, Cuddalore, Dharmapuri, Salem, Tiruvallur, Vellore districts and Puducherry.	Nilgiris (Coonoor), Cuddalore, Madurai, Nagapattinam, Salem, Thirupattur & Tiruvallur districts, Puducherry and Karaikal area.	Nilgiris (Coonoor), Dharmapuri, Nagapattinam, Thirupattur, Nilgiris (Uthagamandalam) districts and Karaikal area.	—
Above Normal (1.6 °C to 3.0 °C)	Nilgiris, Karur, Dindigul, Madurai, Tirunelveli and Thirupattur districts.	Chennai, Karur, Tirunelveli, Thirupattur and Coimbatore districts.	Chennai, Karur, Madurai, Tirunelveli and Ramanathapuram (Tondi) districts.	Thanjavur, Chennai (Meenambakam), Karur, Dindigul, Madurai, Nagapattinam, Tirunelveli, Thirupattur, Tiruchirappalli, Ramanathapuram & Coimbatore districts and Karaikal area.	Thanjavur, Coimbatore, Dharmapuri, Dindigul, Tirunelveli, Trichy, Ramanathapuram, Thoothukudi and Vellore districts.	Thanjavur, Coimbatore, Cuddalore, Madurai (Madurai City), Madurai (Madurai AP), Tirunelveli, Salem, Thoothukudi, Coimbatore and Vellore districts.	Nilgiris, Dharmapuri, Coimbatore, Madurai, Tirunelveli, Salem, Thoothukudi and Vellore districts.
Below normal (-1.6 ° to -3.0 ° C)	—	—	Ramanathapuram (Pamban) district.	—	Erode and Ramanathapuram districts.	Erode district.	Erode district.
Appreciably below normal (- 3.1° C to -5.0°C)	—	—	—	—	—	—	—
Markedly below normal (- 5.1° C or less)	—	—	—	—	—	—	—
Normal (-1.5° C to 1.5° C)	Over the rest of the districts.						

Chief amounts of Rainfall (in cm):

07-12-2023: Varattupallam (dist Erode) 11, Gomugi Dam PWD (dist Kallakurichi) 8, KCS Mill-2 Kachirayaopalayam (dist Kallakurichi), Thirukuvalai (dist Nagapattinam) 1 each.

08-12-2023: Periyanaickenpalayam (dist Coimbatore), Pillur Dam Mettupalayam (dist Coimbatore) 9 each, Kil Kotagiri Estate (dist The Nilgiris), Rajapalayam (dist Virudhunagar), Siruvani Adivaram (dist Coimbatore) 7 each, Bodinaickanur (dist Theni), Lalpet (dist Cuddalore), Burliar (dist The Nilgiris), Alakarai Estate (dist The Nilgiris), Mayiladuthurai (dist Mayiladuthurai) 6 each, Valparai PTO (dist

Coimbatore), Navalur Kottapattu (dist Thiruchirappalli), Karur (dist Karur), Azhiyar (dist Coimbatore) 5 each, Annur (dist Coimbatore), Bhuvanagiri (dist Cuddalore) 4 each, Coonoor PTO (dist The Nilgiris), Mettupalayam (dist Coimbatore), Chidambaram (dist Cuddalore), Amaravathy Dam (dist Tiruppur), Kangeyam (dist Tiruppur), Sethiathope (dist Cuddalore), Cincona (dist Coimbatore), Pollachi (dist Coimbatore), Vattamalai Reservoir (dist Tiruppur), Madathukulam (dist Tiruppur), Kodaikanal (dist Dindigul), Thirumoorthi Dam (dist Tiruppur) 3 each, K.M.Koil (dist Cuddalore), Kundrathur (dist Kancheepuram), Thirumoorthy IB (dist Tiruppur), Zone 02 Manali (dist Chennai), Thekkadi (dist Theni), Coonoor (dist The Nilgiris), Balamore (dist Kanniyakumari), Srimushnam (dist Cuddalore), Valparai PAP (dist Coimbatore), Kalakadu (dist Tirunelveli), Aravakurichi (dist Karur), Sholayar (dist Coimbatore), Valparai Taluk Office (dist Coimbatore), Adavinainnarkoil Dam (dist Tenkasi), Koratur (dist Tiruvallur), Chinnakalar (dist Coimbatore), Anaimalai Taluk Office (dist Coimbatore) 2 each, Kurinjipadi (dist Cuddalore), Palladam (dist Tiruppur), Periyar (dist Theni), Adar Estate (dist The Nilgiris), Sothuparai (dist Theni), Valangaiman (dist Thiruvarur), Bhavanisagar (dist Erode), Srivilliputhur (dist Virudhunagar), Sular (dist Coimbatore), Manalmedu (dist Mayiladuthurai), Needamangalam (dist Thiruvarur), Neivasal Thenpathi (dist Thanjavur), Billimalai Estate (dist The Nilgiris), Mannargudi (dist Thiruvarur), Zone2 Meenambakkam (dist Chennai), Zone 01 Kathivakkam (dist Chennai), Kothagiri (dist The Nilgiris), Thondamuthur (dist Coimbatore), PWD Makkinampatti (dist Coimbatore), Marungapuri (dist Thiruchirappalli), Vellakoil (dist Tiruppur), Anaippalayam (dist Karur), Karambakudi (dist Pudukkottai), Kunderipallam (dist Erode), Panchapatti (dist Karur) 1 each.

09-12-2023: Kil Kotagiri Estate (dist The Nilgiris) 12, Coimbatore AP (dist Coimbatore) 11, Kunderipallam (dist Erode), Taluk Office Pandalur (dist The Nilgiris) 10 each, Manjalar (dist Theni), Palayamkottai (dist Tirunelveli), Devala (dist The Nilgiris) 9 each, Sular (dist Coimbatore), Coimbatore South (dist Coimbatore) 8 each, Thirumoorthi Dam (dist Tiruppur), Thirumoorthy IB (dist Tiruppur), Vadipatti (dist Madurai) 7 each, Vaigai Dam (dist Theni), Andipatti (dist Theni) 6 each, Rajapalayam (dist Virudhunagar), Anaimalai Taluk Office (dist Coimbatore), Srivilliputhur (dist Virudhunagar), Bodinaickanur (dist Theni), Chinnakalar (dist Coimbatore), TNAU Coimbatore (dist Coimbatore) 5 each, Tirunelveli (dist Tirunelveli), Podanur Railway Station (dist Coimbatore), Azhiyar (dist Coimbatore), Madukkarai Taluk Office (dist Coimbatore), Periyakulam (dist Theni), Kinathukkadavu (dist Coimbatore), Pilavakkal Periyar Dam (dist Virudhunagar), Nilakottai (dist Dindigul), PWD Vaarappatti (dist Coimbatore), Sothuparai (dist Theni) 4 each, Udumalpet (dist Tiruppur), Andipatti (dist Madurai), Wood Braiyar Estate (dist The Nilgiris), Tondi (dist Ramanathapuram), Vilathikulam (dist Thoothukudi), Eraniel (dist Kanniyakumari), Valparai PAP (dist Coimbatore), Valparai Taluk Office (dist Coimbatore), Old Taluk Office Srivaikuntam (dist Thoothukudi), Mambzhathuraiyaru (dist Kanniyakumari), Harisan Malayalam Ltd. (dist The Nilgiris), Anaikedanku (dist Kanniyakumari), Chittar-I (dist Kanniyakumari), Sathyamangalam (dist Erode), Bhuvanagiri (dist Cuddalore), Sathiar (dist Madurai), Thiruchendur AWS (dist Thoothukudi) 3 each, Elumalai (dist Madurai), Kothagiri (dist The Nilgiris), Vint Worth Estate (dist The Nilgiris), Adar Estate (dist The Nilgiris), Vedasandur (dist Dindigul), Tobacco Station (VDR) (dist Dindigul), Tiruchirappalli Junction (dist Thiruchirappalli), Ambasamudram (dist Tirunelveli), Coonoor PTO (dist The Nilgiris), Tiruchendur (dist Thoothukudi), Thondamuthur (dist Coimbatore), Burliar (dist The Nilgiris), Alakarai Estate (dist The Nilgiris), Pollachi (dist Coimbatore), Thirparappu (dist Kanniyakumari), Tirupuvanam (dist Sivagangai), Kozhiporvilai (dist Kanniyakumari), PWD Makkinampatti (dist Coimbatore), Kayalpattinam (dist Thoothukudi), Cuddalore Collector Office (dist Cuddalore), Annur (dist Coimbatore), Amaravathy Dam (dist Tiruppur), Thuckalay (dist Kanniyakumari), Thirupathisaram AWS (dist Kanniyakumari), Coonoor (dist The Nilgiris), Anna Nagar (dist Chennai), Tiruchirappalli Town (dist Thiruchirappalli), Gudalur Bazar (dist The Nilgiris), Kodanad (dist The Nilgiris), Kurunthancode (dist Kanniyakumari) 2 each, Kodaikanal (dist Dindigul), Balamore (dist

Kanniyakumari), Valparai PTO (dist Coimbatore) , Cincona (dist Coimbatore) , Upper Gudalur (dist The Nilgiris) , Kalial (dist Kanniyakumari) , Billimalai Estate (dist The Nilgiris) , Kayathar (dist Thoothukudi) , Kilanilai (dist Pudukkottai) , Bhavani (dist Erode) , Barwood (dist The Nilgiris) , Kovilpatti AWS (dist Thoothukudi) , Kamatchipuram (dist Dindigul) , Cuddalore (dist Cuddalore), Mimisal (dist Pudukkottai) , Sholayar (dist Coimbatore) , Pillur Dam Mettupalayam (dist Coimbatore) , Varattupallam (dist Erode) , Ponmalai (dist Thiruchirappalli) , Yercaud (dist Salem) , Periyanaickenpalayam (dist Coimbatore) , Ketti (dist The Nilgiris) , Sivagiri (dist Tenkasi) , Kovilpatti (dist Thoothukudi) , Chamraj Estate (dist The Nilgiris) , Zone 0 Thiruvottiyur (dist Chennai) , Aranmanaipudur (dist Theni) , Sethiathope (dist Cuddalore) , Mettupatti (dist Madurai) , Mettupalayam (dist Coimbatore) , Kariyakovil Dam (dist Salem) , Geddai (dist The Nilgiris), Kunda Bridge (dist The Nilgiris) , Colachel (dist Kanniyakumari) , Kumarapalayam (dist Namakkal) , Vathalai Anaicut (dist Thiruchirappalli) 1 each.

10-12-2023: Nalumukku (dist Tirunelveli) 11, Alakarai Estate (dist The Nilgiris) 10, Oothu (dist Tirunelveli), Manjolai (dist Tirunelveli), Kannadaian Anicut (dist Tirunelveli) 9 each, Kakkachi (dist Tirunelveli), Burliar (dist The Nilgiris), Kil Kotagiri Estate (dist The Nilgiris) 8 each, Cheranmahadevi (dist Tirunelveli), Coonoor (dist The Nilgiris) 7 each, Coonoor PTO (dist The Nilgiris), Manimutharu (dist Tirunelveli), Kothagiri (dist The Nilgiris) 6 each, Ambasamudram (dist Tirunelveli) 5 each, Adar Estate (dist The Nilgiris), Kadambur (dist Thoothukudi), Kodanad (dist The Nilgiris), Papanasam (dist Tirunelveli), Bhavanisagar (dist Erode) 4 each, Kodivery (dist Erode), Karuppanadhi Dam (dist Tenkasi), Ayikudi (dist Tenkasi), Kodumudiyaru Dam (dist Tirunelveli), Peraiyur (dist Madurai), Sivagiri (dist Tenkasi) 3 each, Sathyamangalam (dist Erode), Tirunelveli (dist Tirunelveli), Rajapalayam (dist Virudhunagar), Vilathikulam (dist Thoothukudi), Kalakadu (dist Tirunelveli), Billimalai Estate (dist The Nilgiris), Pamban (dist Ramanathapuram), Pilavakkal_Periyar Dam (dist Virudhunagar), Palayamkottai (dist Tirunelveli), Nagudi (dist Pudukkottai), Servalar Dam (dist Tirunelveli), Theerthandathanam (dist Ramanathapuram), Gobichettipalayam (dist Erode), Gundar Dam (dist Tenkasi) 2 each, Vattanam (dist Ramanathapuram), Srivaikuntam (dist Thoothukudi), Shencottah (dist Tenkasi), Kalugumalai (dist Thoothukudi), Thenkasi (dist Tenkasi), Pillur Dam Mettupalayam (dist Coimbatore), Gadana Dam (dist Tenkasi), Ramanadhi Dam Section (dist Tenkasi), Watrap (dist Virudhunagar), Vaippar (dist Thoothukudi), RSCL-2 Soorapattu (dist Villupuram), Kilanilai (dist Pudukkottai), RSCL-2 Kedar (dist Villupuram), Ramanathapuram (dist Ramanathapuram), Bodinaikkanur (dist Theni), Sivalogam (dist Kanyakumari), Srivilliputhur (dist Virudhunagar), Sendurai (dist Ariyalur), Adavinainnarkoil Dam (dist Tenkasi) 1 each.

11-12-2023: Alakarai Estate (dist The Nilgiris), Mandapam (dist Ramanathapuram), Thangachimadam (dist Ramanathapuram), Pamban (dist Ramanathapuram), Sattankulam (dist Thoothukudi), Sattankulam ARG (dist Thoothukudi) 6 each, Tiruchendur (dist Thoothukudi), Thiruchendur AWS (dist Thoothukudi), Kulasekarapattinam (dist Thoothukudi), Rameswaram (dist Ramanathapuram) 5 each, Aruppukottai (dist Virudhunagar), Kayalpattinam (dist Thoothukudi) 4 each, Kil Kotagiri Estate (dist The Nilgiris), Rajapalayam (dist Virudhunagar), Manjolai (dist Tirunelveli) 3 each, Burliar (dist The Nilgiris), Virudhunagar AWS (dist Virudhunagar), Kakkachi (dist Tirunelveli), Nalumukku (dist Tirunelveli), Coonoor PTO (dist The Nilgiris), Adar Estate (dist The Nilgiris), Oothu (dist Tirunelveli), Ayikudi (dist Tenkasi) 2 each, Karuppanadhi Dam (dist Tenkasi), Taluk Office Pandalur (dist The Nilgiris), Paiyur AWS (dist Krishnagiri), Billimalai Estate (dist The Nilgiris), Coonoor (dist The Nilgiris), Radhapuram (dist Tirunelveli), Kallikudi (dist Madurai), Went Worth Estate (dist The Nilgiris), Kinnakorai (dist The Nilgiris), Avudayarkoil (dist Pudukkottai), Virudhunagar (dist Virudhunagar), Geddai (dist The Nilgiris), Papanasam (dist Tirunelveli), Zone14 Perungudi (dist Chennai), Kothagiri (dist The Nilgiris), Barwood (dist The Nilgiris) 1 each.

12-12-2023: Servalar Dam (dist Tirunelveli), Pamban (dist Ramanathapuram) 3 each, Oothu (dist Tirunelveli), Papanasam (dist Tirunelveli), Thangachimadam (dist Ramanathapuram), Mandapam (dist Ramanathapuram), Kakkachi (dist Tirunelveli) 2 each, Kulasekarapattinam (dist Toothukudi), Nalumukku (dist Tirunelveli), Manjolai (dist Tirunelveli), Tiruchendur (dist Toothukudi) 1 each.

13-12-2023: Valparai PTO (dist Coimbatore) 3, Cincona (dist Coimbatore) 2, Srivaikuntam (dist Thoothukudi), Barwood (dist Nilgiris), Nalumukku (dist Tirunelveli) 1 each.

Week's Rainfall:

Large Excess	Coimbatore, Erode, Nilgiris, Theni, Tirunelveli, Tiruppur and Virudhunagar districts.
Excess	-----
Normal	Dindigul, Tenkasi and Toothukudi districts.
Deficient	Kanyakumari, Karur, Madurai and Ramanathapuram districts.
Largely Deficient	Ariyalur, Chengalpattu, Chennai, Cuddalore, Kallakurichi, Kancheepuram, Krishnagiri, Mayiladuthurai, Nagapattinam, Namakkal, Perambalur, Pudukkottai, Salem, Sivaganga, Thanjavur, Tiruvallur, Tiruvannamalai, Tiruvarur, Trichy and Villupuram districts, Puducherry and Karaikal area.
No rain	Dharmapuri, Ranipet, Tirupattur and Vellore districts.

For the period from 01.10.2023 to 13.12.2023:

Large Excess	Kanyakumari districts.
Excess	Chennai, Coimbatore, Erode, Kancheepuram, Madurai, Tenkasi, Theni, Tirunelveli, Tiruvallur and Virudhunagar districts.
Normal	Chengalpattu, Cuddalore, Dindigul, Mayiladuthurai, Nagapattinam, Namakkal, Nilgiris, Ramanathapuram, Ranipet, Sivaganga, Tiruppur, Toothukudi, Vellore districts and Karaikal area.
Deficient	Ariyalur, Dharmapuri, Kallakurichi, Karur, Krishnagiri, Perambalur, Pudukkottai, Salem, Thanjavur, Tirupattur, Tiruvannamalai, Tiruvarur, Trichy, Villupuram districts and Puducherry.
Largely Deficient	-----
No rain	-----

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Dated: 13.12.2023

LEGEND:**Spatial rainfall distribution:**

% Stations reporting Rainfall	Category
76-100	Widespread (WS/ most places)
51-75	Fairly Widespread (FWS/ many places)
26-50	Scattered (SCT/ few places)
1 -25	Isolated (ISOL/ one or two places)
No Rain	Dry

Rainfall intensity:

24-hr accumulated rainfall (cm/day)	Category
Upto 1	Light rain
2-6	Moderate rain
7-11	Heavy rain
12-20	Very heavy rain
≥ 21	Extremely heavy rain

North Coastal Tamil Nadu (NCTN) districts	Tiruvallur, Chennai, Chengalpattu, Villupuram, Cuddalore, Thanjavur, Tiruvarur, Mayiladuthurai, Nagapattinam, Pudukottai.
South Coastal Tamil Nadu (SCTN) districts	Ramanathapuram, Thoothukudi, Tirunelveli, Kanyakumari.
North Interior Tamil Nadu (NITN) districts	Tirupattur, Vellore, Ranipet, Kallakurichi, Tiruvannamalai, Kancheepuram, Krishnagiri, Dharmapuri, Salem, Namakkal, Karur, Erode, Nilgiris, Coimbatore, Tiruppur, Tiruchirapalli, Ariyalur, Perambalur.
South Interior Tamil Nadu (SITN) districts	Sivagangai, Virudhunagar, Theni, Dindigul, Madurai, Thenkasi.

RAINFALL STATEMENT

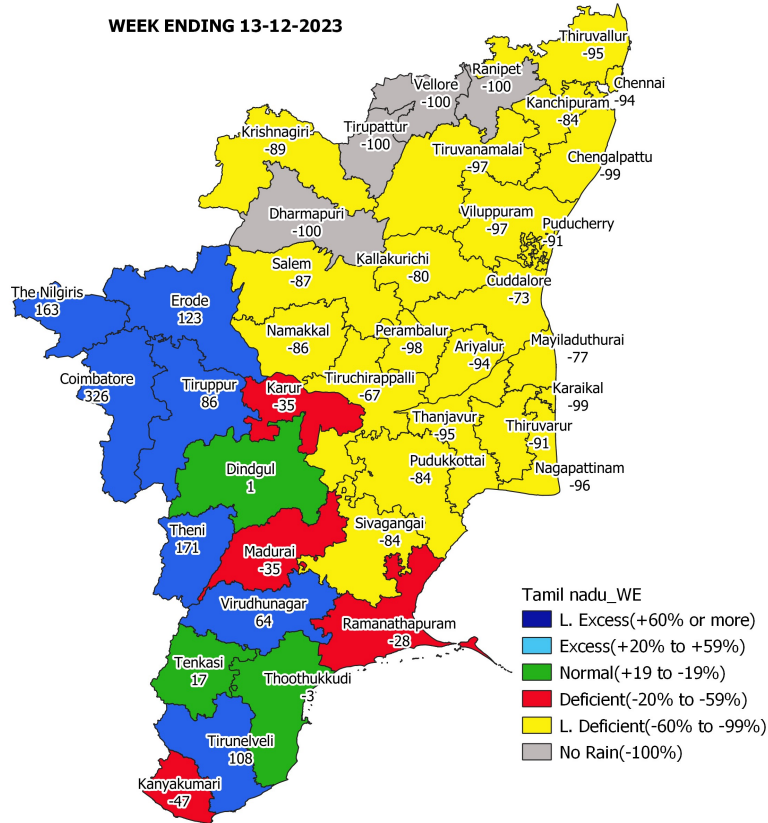
Districts	Rainfall For the week ending 13.12.2023			Seasonal rainfall for the period from 01.10.2023 to 13.12.2023		
	Actual (mm)	Normal (mm)	Departure (%)	Actual (mm)	Normal (mm)	Departure (%)
Ariyalur	1.7	29.0	-94	252.7	443.7	-43
Chengalpattu	0.3	39.2	-99	728.9	650.6	12
Chennai	2.2	36.0	-94	1079.2	743.5	45
Coimbatore	63.9	15.0	326	479.7	317.9	51
Cuddalore	12.7	47.8	-73	518.0	624.5	-17
Dharmapuri	0.0	12.6	-100	181.2	299.9	-40
Dindigul	24.1	23.9	1	362.3	419.9	-14
Erode	25.6	11.5	123	395.7	290.1	36
Kallakurichi	5.2	26.2	-80	204.7	406.2	-50
Kanchipuram	6.1	38.3	-84	689.8	545.0	27
Kanyakumari	12.0	22.5	-47	898.2	509.5	76
Karaikal	0.6	57.9	-99	996.5	881.4	13
Karur	8.2	12.6	-35	179.7	288.9	-38
Krishnagiri	1.1	9.7	-89	138.6	267.0	-48
Madurai	9.5	14.7	-35	429.7	342.8	25
Mayiladuthurai	13.3	57.7	-77	658.9	778.9	-15
Nagapattinam	2.3	62.1	-96	845.7	810.3	4
Namakkal	1.2	8.2	-86	229.6	255.8	-10
Nilgiris	59.8	22.7	163	480.9	467.0	3
Perambalur	0.4	21.7	-98	222.2	395.4	-44
Puducherry	4.8	55.7	-91	596.6	757.0	-21
Pudukottai	3.8	24.3	-84	271.2	345.9	-22
Ramanathapuram	23.6	32.7	-28	518.7	466.2	11
Ranipet	0.0	26.9	-100	347.5	375.2	-7
Salem	2.0	15.5	-87	227.8	314.0	-27
Sivagangai	3.6	22.6	-84	375.6	382.9	-2
Thenkasi	28.3	24.2	17	589.9	430.8	37
Thanjavur	1.9	37.3	-95	295.7	508.9	-42
Theni	36.5	13.5	171	448.5	337.8	33
Tirunelveli	70.4	33.8	108	702.6	456.8	54
Tirupathur	0.0	13.3	-100	141.0	251.3	-44
Tiruppur	21.0	11.3	86	309.1	286.9	8
Tiruvallur	1.6	30.3	-95	749.8	577.1	30
Tiruvannamalai	0.8	28.0	-97	269.7	411.0	-34
Tiruvarur	4.3	48.4	-91	504.5	633.4	-20
Toothukudi	24.1	24.9	-3	344.2	403.4	-15
Tiruchirapalli	6.6	19.9	-67	192.1	344.7	-44
Vellore	0.0	21.7	-100	282.7	346.8	-18
Villupuram	1.0	33.0	-97	348.3	479.1	-27
Virudhunagar	31.7	19.4	64	490.4	368.6	33
Tamilnadu	15.0	23.8	-37	386.5	404.4	-4
Tamilnadu, Puducherry&Karaikal	15.0	23.8	-37	386.5	404.4	-4

Largely deficient	Deficient	Normal	Excess	Large Excess
-60% to -99%	-20% to -59%	-19% to +19%	+20% to +59%	≥ 60%

No rain: -100%

TAMILNADU DISTRICTS

WEEK ENDING 13-12-2023



PERIOD FROM 01-10-2023 TO 13-12-2023

