

இந்திய அரசு
இந்திய வானிலை ஆய்வு துறை
மண்டல வானிலை ஆய்வு மையம்
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GOVERNMENT OF INDIA
INDIA METEOROLOGICAL DEPARTMENT
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Date: 21st May 2024

Time of Issue: 21:00 IST

Heavy -Very Heavy rainfall warning: Update-1

Past rainfall	Under the influence of an upper air cyclonic circulation over Comorin area / Tamilnadu & neighbourhood, <i>scattered-fairly widespread</i> rainfall with <i>isolated heavy / heavy-very heavy</i> rainfall occurred over Tamilnadu & Karaikal during the past six days. <u>Singificant rainfall amounts (cm) during the past SIX days:</u> <u>(i) during the 24-hr ending 08:30 IST of 16.05.2024:</u> Pattukottai (dist Thanjavur) 16, Singampunari (dist Sivagangai) 14, Mannargudi (dist Thiruvarur) 13, Manamelkudi (dist Pudukkottai), Adiramapattinam (dist Thanjavur), Madukkur (dist Thanjavur) 11 each, Adirampatnam AWS (dist Thanjavur), Attur (dist Salem) 10 each, Mohanur (dist Namakkal), Sothuparai (dist Theni), Vadipatti (dist Madurai), Vendasandur (dist Dindigul), Tobacco Station (VDR) (dist Dindigul) 9 each, Sembanarkoil PWD (dist Mayiladuthurai), Mayiladuthurai AWS (dist Mayiladuthurai) 8 each, Tirumangalam (dist Madurai), Velankanni (dist Nagapattinam), Mettupatti (dist Madurai), Karaikal (dist Karaikal), Sathiar (dist Madurai) 7 each. <u>(ii) during the 24-hr ending 08:30 IST of 17.05.2024:</u> Mylaudy (Kanyakumari): 7 Thiruchendur AWS (dist Thoothukudi), Valparai PTO (dist Coimbatore), Nannilam (dist Thiruvarur) 6 each, <u>(iii) during the 24-hr ending 08:30 IST of 18.05.2024:</u> Coonoor (dist The Nilgiris), Pillur Dam Mettupalayam (dist Coimbatore) 17 each, Coonoor PTO (dist The Nilgiris) 14, Usilampatti (dist Madurai), Manjalar (dist Theni) 9 each, Sivagiri (dist Tenkasi), Kil Kotagiri Estate (dist The Nilgiris), Burliar (dist The Nilgiris), Madathukulam (dist Tiruppur) 8 each, Alakarai Estate (dist The Nilgiris), Taluk Office Pandalur (dist The Nilgiris), Mylaudy (dist Kanniyakumari) 7 each <u>(iv) during the 24-hr ending 08:30 IST of 19.05.2024:</u> Jamunamarathur (dist Tiruvannamalai) 12, Pechiparai (dist Kanniyakumari) 10, Vadapudupattu (dist Tirupathur) , Ambur (dist Tirupathur) 9, Kozhiporvilai (dist Kanniyakumari) 8, Thirparappu (dist Kanniyakumari), Pambar Dam (dist Krishnagiri),
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	Natrampalli (dist Tirupathur), Chittar-I (dist Kanniyakumari) 7 each, <u>(v) during the 24-hr ending 08:30 IST of 20.05.2024:</u> Kamudhi (dist Ramanathapuram) 12, Tallakulam (dist Madurai) 11, Pullambadi (dist Thiruchirappalli) 10, Tirumayam (dist Pudukkottai), Suthamalli Dam (dist Ariyalur) 8 each, Vettikadu (dist Thanjavur), Karaikudi (dist Sivagangai), Kumarapalayam (dist Namakkal), Thalavadi (dist Erode), Kariyakovil Dam (dist Salem), Budalur (dist Thanjavur), Sehu Bhasakar Agri College AWS (dist Sivaganga), Vedasandur (dist Dindigul), Nandhiyar Head (dist Thiruchirappalli) 7 each. <u>(vi) during the 24-hr ending 08:30 IST of 21.05.2024:</u> Puduchatram (dist Namakkal) 16, Grand Anaicut (dist Thanjavur) 14, Karur (dist Karur), Tiruchirappalli Airport (dist Thiruchirappalli) 13 each, Chinnakalar (dist Coimbatore), Samayapuram (dist Thiruchirappalli) 12 each, Namakkal (dist Namakkal), Sendamangalam (dist Namakkal) 11 each, Rasipuram (dist Namakkal), Viralimalai (dist Pudukkottai), Panchapatti (dist Karur), Tondi (dist Ramanathapuram) 10 each, Sivaganga (dist Sivagangai), Yercaud (dist Salem), Chennimalai (dist Erode) 9 each, Hogenekal (dist Dharmapuri), Tiruchirappalli Junction (dist Thiruchirappalli), Illupur (dist Pudukkottai), Lalgudi (dist Thiruchirappalli), Valparai PAP (dist Coimbatore), Sankaridurg (dist Salem), Krishnarayapuram (dist Karur), Theerthandathanam (dist Ramanathapuram), Salem (dist Salem), Karaiyur (dist Pudukkottai) 8 each, Danishpet (dist Salem), Manapparai (dist Thiruchirappalli), Sankarapuram (dist Kallakurichi), Erumapatti (dist Namakkal), Nambiyur (dist Erode), Barwood (dist The Nilgiris), Annavasal (dist Pudukkottai), Perundurai (dist Erode), Kuruvadi (dist Ariyalur), Tiruchirappalli Town (dist Thiruchirappalli), Namakkal PTO (dist Namakkal), Kudimiyamalai (dist Pudukkottai), Mullanginavillai (dist Kanniyakumari), Cincona (dist Coimbatore), Vathalai Anaicut (dist Thiruchirappalli), Vattanam (dist Ramanathapuram), Kumarapalayam (dist Namakkal) 7 each. <u>(vii) Significant rainfall (mm) during the period 21.05.2024/08:30 IST to 21.05.2024/19:30 IST:</u> Dharmapuri: 54.0 Hosur (Krishnagiri): 23.0 Yercaud AWS (Salem): 43.0 Sandiyur KVK: 63.0 Salem: 26.0 Coimbatore: 32.0 Thiruvannamalai AWS: 27.5 Kanyakumari: 17.0
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	Ooty (Nilgiris): 14.0 Kodaikanal (Dindigul): 10.0
Heavy rainfall warning for 24 hr ending 08:30 IST of 22.05.2024	Heavy to very heavy rain is likely to occur at isolated places over Coimbatore, Tiruppur, Theni and Dindigul districts Heavy rain is likely to occur at isolated places over Nilgiris, Madurai, Virudhunagar, Tenkasi, Tirunelveli, Kanyakumari, Pudukkottai, Tiruchirappalli, Thanjavur, Tiruvarur, Mayiladuthurai, Nagapattinam, Ariyalur, Perambalur, Cuddalore, Kallakurichi, Erode, Salem, Namakkal & Karur districts and Karaikal area.
Nowcast issued for 21.05.2024/ 19:00 IST to 21.05.2024/22:00 IST	Moderate thunderstorms with moderate rain is likely at isolated places over Ranipet, Vellore, Tirupattur, Thiruvannamalai, Krishnagiri, Dharmapuri, Kallakurichi, Erode, Nilgiris, Coimbatore, Tiruppur, Salem, Namakkal, Tiruchirappalli, Karur, Madurai, Perambalur districts of Tamilnadu.
Impact expected	✓ Slippery of roads ✓ Falling of tree branches and blocking of roads ✓ Traffic would be affected ✓ Waterlogging in low lying areas ✓ Damages to informal settlements ✓ Increase in water levels in rivers, lakes & reservoirs ✓ Minor mudslips in hilly areas

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



