

இந்திய அரசு  
இந்திய வானிலை ஆய்வு துறை  
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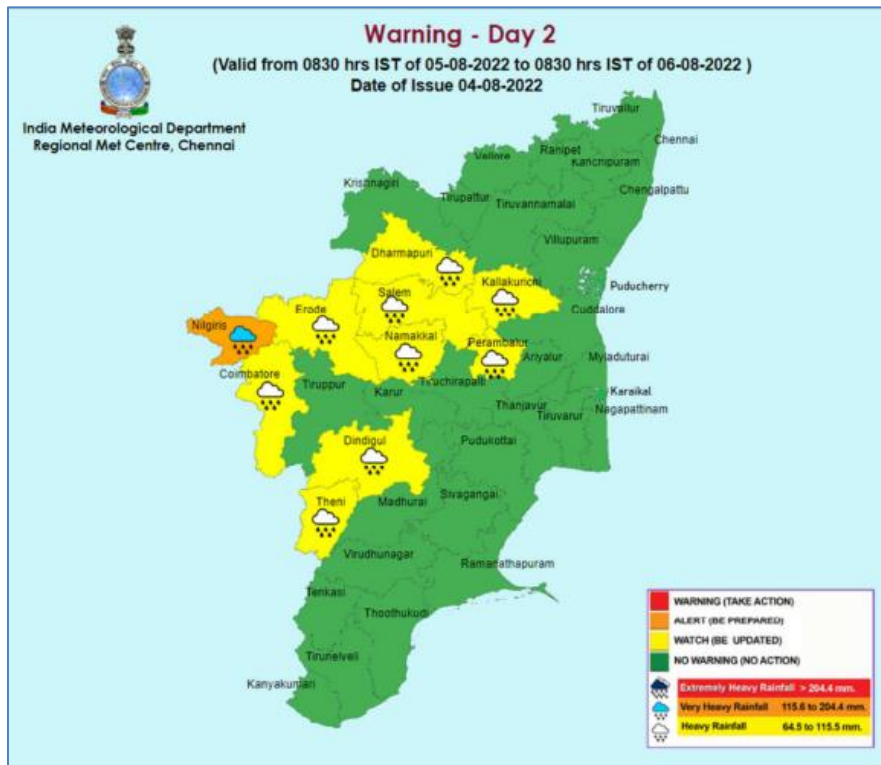
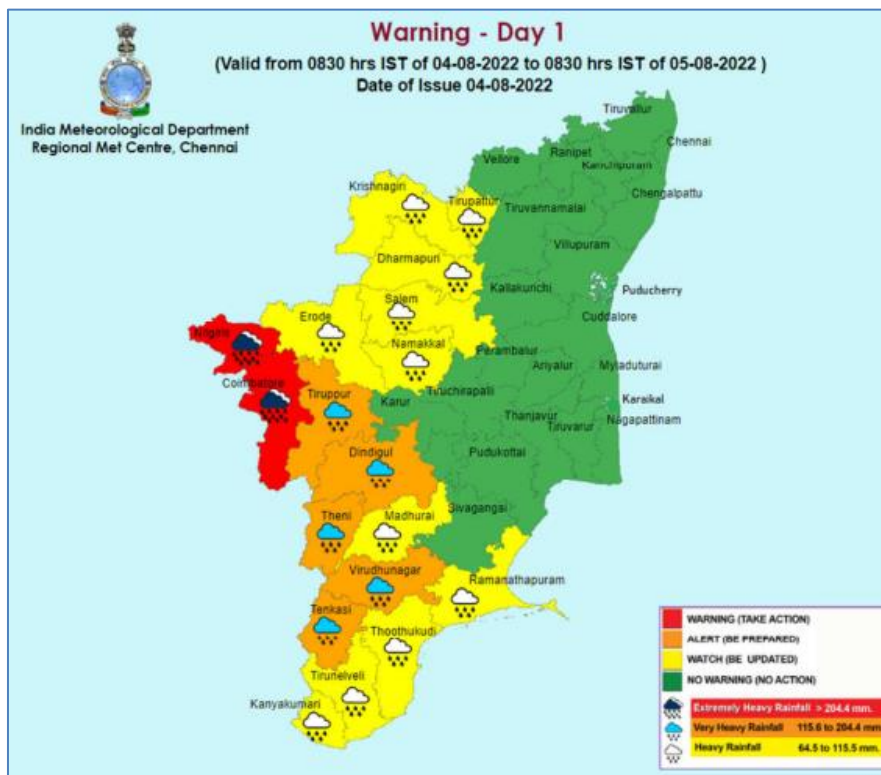
Date: 04<sup>th</sup> August 2022

Time of Issue: 14:00 IST

**Heavy to very heavy rainfall with isolated extremely heavy rainfall warning for Tamilnadu during 04<sup>th</sup> – 05<sup>th</sup> August 2022**

<b>Past 24-hr rainfall during the past five days</b>	<p><i>Isolated heavy to very heavy rainfall has occurred over the western ghat and adjoining districts during the past five days with <i>extremely heavy</i> rain over Usilampatti (Madurai district) on 01.08.2022.</i></p> <p><b>Heavy rainfall amounts (cm):</b></p> <p><b>31.07.2022:</b> Usilampatti (dist Madurai) 11, Tirupuvanam (dist Sivaganga) 10, Kuppanampatti (dist Madurai), Vilathikulam (dist Toothukudi), Periyakulam (dist Theni) 8 each, Odanchatram (dist Dindigul), Naduvattam (dist Nilgiris), Tallakulam (dist Madurai), Cincona (dist Coimbatore) Madurai South (dist Madurai) 7 each</p> <p><b>01.08.2022:</b> Usilampatti (dist Madurai) - 23, Tirupuvanam (dist Sivaganga) 12, Kuppanampatti (dist Madurai - 10), Dindigul (dist Dindigul), Chittampatti (dist Madurai) -8, Naduvattam (dist Nilgiris), Namakkal (Namakkal), Pandalur (dist Nilgiris), Perundurai (dist Erode), Veerapandi (dist Theni), Vaigai dam (dist Theni) - 7 each</p> <p><b>02.08.2022:</b> Chinnakalar (dist Coimbatore), Valparai PTO (dist Coimbatore) 13 each, Cincona (dist Coimbatore), Sholayar (dist Coimbatore) 12, Wallajah (dist Ranipet), Valparai Taluk Office (dist Coimbatore), Valparai PAP (dist Coimbatore) 11 each, Virinjipuram AWS (dist Vellore), Kalavai PWD (dist Ranipet) 10 each, Palacode (dist Dharmapuri) 9, Bhuvanagiri (dist Cuddalore), Mettur (dist Salem) 8 each, Ammundi (dist Vellore), Pechiparai (dist Kanyakumari), Denkanikottai ARG (dist Krishnagiri), Kalial (dist Kanyakumari) 7 each</p> <p><b>03.08.2022:</b> Tiruttani (dist Tiruvallur) 11, Chinnakalar (dist Coimbatore) 9, Palacode (dist Dharmapuri), Marandahalli (dist Dharmapuri) 7 each</p>
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	<b>04.08.2022:</b> Chinnakalar (dist Coimbatore) 14, Valparai Taluk Office (dist Coimbatore), Valparai PTO (dist Coimbatore), Valparai PAP (dist Coimbatore) 12 each, Sholayar (dist Coimbatore) 9, Cincona (dist Coimbatore), Hosur AWS (dist Krishngiri) 7 each
<b>Forecast for next two days</b>	As per the latest observations and numerical model guidance, under the influence of east-west shear zone across peninsular India, <i>scattered - fairly widespread</i> rainfall with <i>isolated heavy to very heavy</i> rain is likely over Tamilnadu on 04 <sup>th</sup> & 05 <sup>th</sup> August 2022. Extremely heavy rain is also likely at one or two places along the western ghat areas on 04 <sup>th</sup> August 2022.
<b>Heavy rainfall warnings</b>	<b>Day 1(04.08.2022):</b> Isolated heavy to very heavy rain with extremely heavy rain at one or two places is likely to occur over Nilgiris and Coimbatore districts; Heavy to very heavy rain is likely to occur at isolated places over Tiruppur, Theni, Dindigul, Thenkasi and Virudhunagar districts; & Heavy rain is likely to occur at isolated places over Madurai, Ramanathapuram, Thoothukudi, Tirunelveli, Kanyakumari, Erode, Krishnagiri, Dharmapuri, Tirupattur, Salem and Namakkal districts of Tamilnadu. <b>Day 2 (05.08.2022):</b> Heavy to very heavy rain is likely to occur at isolated places over Nilgiris district; & Heavy rain is likely to occur at isolated places over Coimbatore, Theni, Dindigul, Erode, Dharmapuri, Salem, Kallakurichi, Perambalur and Namakkal districts of Tamilnadu.
<b>Impact expected along the ghat areas on 04<sup>th</sup> -05<sup>th</sup> August</b>	<ul style="list-style-type: none"> <li>✓ Severe damages to crops</li> <li>✓ Uprooting of trees and blockage of roads</li> <li>✓ Landslides / Mudslides likely in hilly areas</li> <li>✓ Damage to formal / informal settlements</li> <li>✓ Low lying areas marooned</li> <li>✓ Increase in water levels in rivers, lakes &amp; reservoirs</li> <li>✓ Inland / riverine flooding</li> <li>✓ Damages to cattle</li> </ul>



LEGEND:

Spatial rainfall distribution:

<b>% Stations reporting Rainfall</b>	<b>Category</b>
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:

<b>24-hr accumulated rainfall (cm/day)</b>	<b>Category</b>
Upto 1	Light rain
2-6	Moderate rain
7-11	Heavy rain
12-20	Very heavy rain
$\geq 21$	Extremely heavy rain