



India Meteorological Department  
Ministry of Earth Sciences

Regional Meteorological Centre  
6, College Road, Chennai 600 006

**HEAVY TO VERY HEAVY RAINFALL WITH ISOLATED EXTREMELY HEAVY  
RAINFALL WARNING UPDATE**

**UPDATE No.2**

**DATE: 18.11.21**

**TIME OF ISSUE: 23:00 HRS IST**

DATE/TIME (IST) OF OBSERVATION	22:45 HRS IST OF 18.11.21
<b>Realised Rainfall Reports</b>	<p>(i) Recurrent <i>moderate</i> rainfall activity at <i>many</i> places with <i>isolated heavy to very heavy</i> rain occurred over the coastal and adjoining districts of Tamil Nadu; Puducherry and Karaikal during the past 2-3 weeks. Significant rainfall during the past 20 days as on 24 hrs ending 0830 IST of 29.10.21 to 24 hrs ending 0830 IST of 17.11.21, depicted in map form, is given in <b>Fig.1</b>.</p> <p>(ii) Significant rainfall during the past 24 hours ending 0830 IST of 17.11.21 is shown in <b>Fig.2</b>.</p> <p><u>(iii) Significant rainfall (mm) during 08:30 IST to 22:45 IST of 18.11.21:</u> Puducherry AWS: 146 Thirukoilur ARG (Kallakurichi district) : 121 Thiruvannamalai ISRO: 90.0 Kalavai AWS (Ranipet district) : 106.5 Arani ARG (Thiruvannamalai district) : 79.5 Cheyyur (Chengalpattu district) : 87.0 Harur (Dharmapuri district) : 82.5 Kattapakkam KVK : 60.5 Virinjipuram KVK (Vellore district) : 51.0 Meenambakkam ISRO : 51.0 Chennai - Anna University : 44.0 Chennai AWS : 34.0 Tirur KVK (Tiruvallur district): 36.0 Chembambakkam (Kanchipuram district): 37.5 Chennai NIOT-ARG, Pallikaranai : 47.4 Chennai MRC Nagar ARG – 38.5 Vridhachalam AGRO (Cuddalore district) – 31.0</p>

<b>Forecast for 18.11.21</b>	<p>Heavy to very heavy rain at a few places with extremely heavy falls at one or two places is very likely to occur over Kancheepuram, Chengalpattu, Villupuram, Thiruvannamalai, Ranipet, Vellore, Tirupattur, Salem, Kallakurichi, Cuddalore, Mayiladuthurai, Nagapattinam, Tiruvarur, Thanjavur districts of Tamil Nadu Puducherry &amp; Karaikal.</p> <p>Heavy to very heavy rain is likely to occur at isolated places over Ariyalur, Perambalur, Namakkal, Erode, Tiruvallur, Chennai and Krishnagiri districts of Tamil Nadu.</p>	<p>Heavy rain is also likely to occur at isolated places over Thiruchirapalli, Karur, Tiruppur, Coimbatore, Nilgiris, Kanyakumari and Tirunelveli districts of Tamil nadu.</p>
<b>Impact expected:</b>	<ul style="list-style-type: none"> <li>✓ Low lying areas marooned</li> <li>✓ Severe damages to crops</li> <li>✓ Uprooting of trees</li> <li>✓ Damage to formal / informal settlements</li> <li>✓ Increase in water levels in rivers, lakes &amp; reservoirs</li> <li>✓ Inland / riverine flooding</li> <li>✓ Damages to cattle</li> </ul>	<ul style="list-style-type: none"> <li>▪ Water logging</li> <li>▪ Low lying areas inundated</li> <li>▪ Traffic affected</li> <li>▪ Increase in water levels in rivers, lakes &amp; reservoirs</li> <li>▪ Minor damages to structures</li> <li>▪ Uprooting of trees</li> <li>▪ Blockage of roads</li> <li>▪ Damages to crops and cattle</li> </ul>

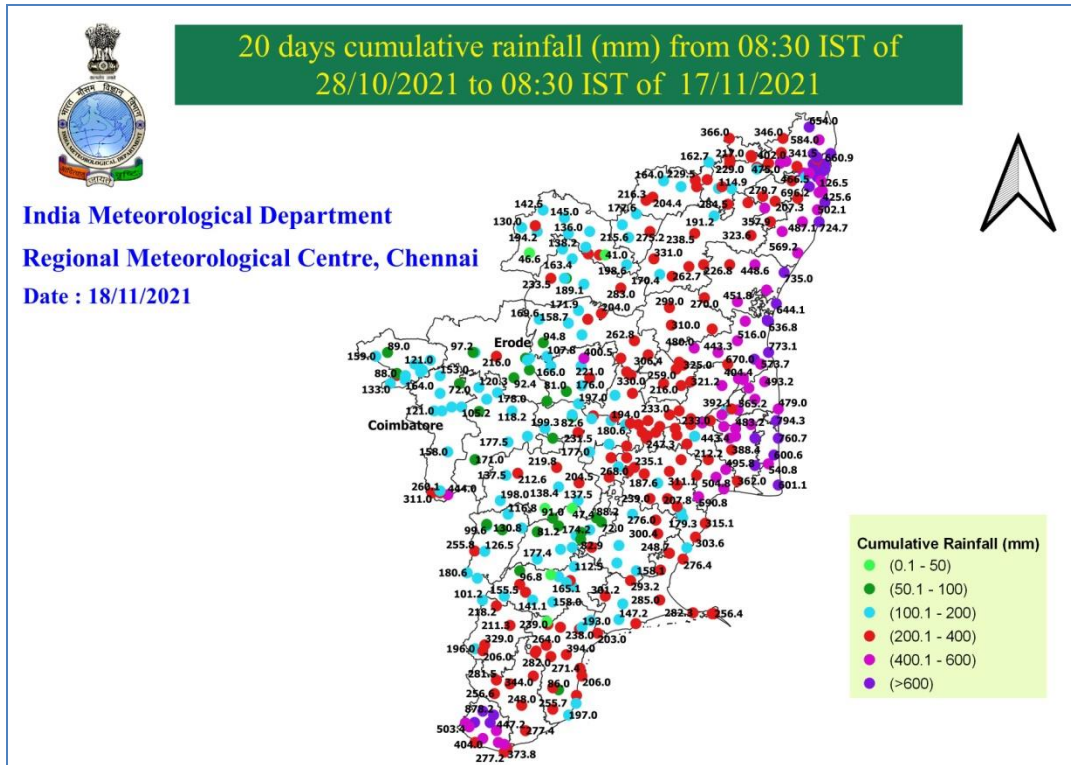


Fig.1 Cumulative rainfall during the past 20 days (28.10.21 /08:30 IST to 17.11.21 /08:30 IST)

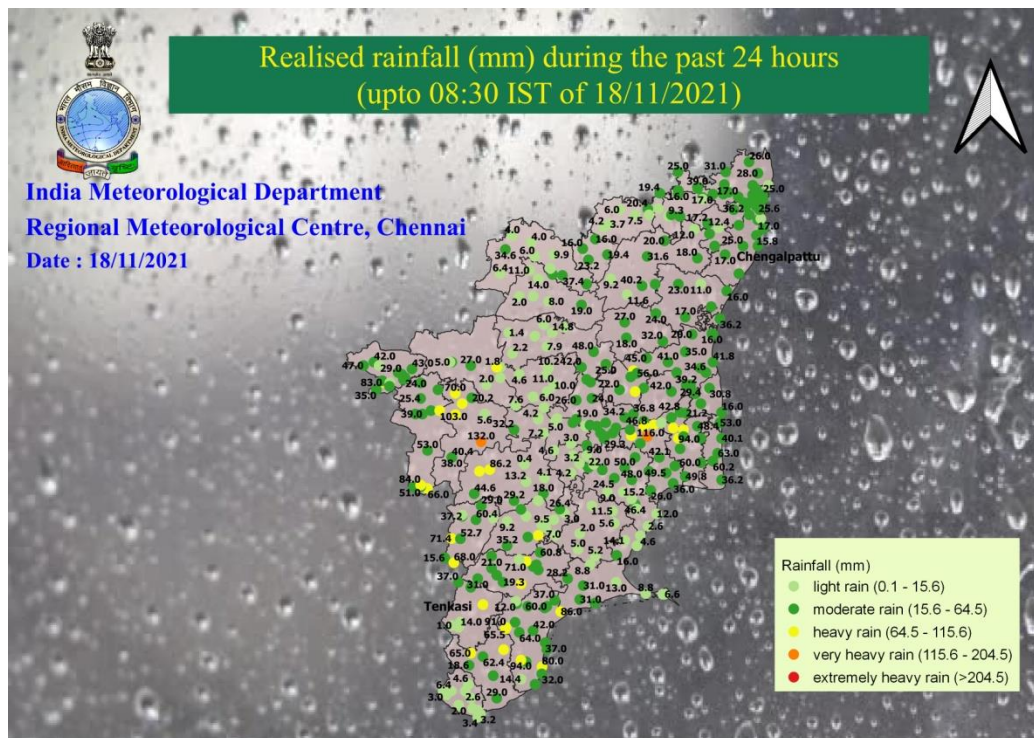


Fig.2 Rainfall during the 24-hr period from 08:30 IST of 17.11.21 to 08:30 IST of 18.11.21

<b>Forecast for 19.11.21</b>	Heavy to very heavy rain is likely to occur at isolated places over Thiruvannamalai, Ranipet, Vellore, Tirupattur, Krishnagiri, Dharmapuri, Salem, Erode, Namakkal, Coimbatore and Tiruppur districts of Tamil Nadu	Heavy rain is likely to occur at isolated places over Chennai, Thiruvallur, Kanchipuram, Chengalpattu, Villupuram, Kallakurichi, Tirunelveli and Kanyakumari districts.
<b>Impact expected:</b>	<ul style="list-style-type: none"> <li>✓ Low lying areas marooned</li> <li>✓ Severe damages to crops</li> <li>✓ Uprooting of trees</li> <li>✓ Damage to formal / informal settlements</li> <li>✓ Increase in water levels in rivers, lakes &amp; reservoirs</li> <li>✓ Inland / riverine flooding</li> <li>✓ Damages to cattle</li> </ul>	<ul style="list-style-type: none"> <li>▪ Water logging</li> <li>▪ Low lying areas inundated</li> <li>▪ Traffic affected</li> <li>▪ Blockage of roads</li> <li>▪ Increase in water levels in rivers, lakes &amp; reservoirs</li> <li>▪ Minor damages to structures</li> <li>▪ Uprooting of trees</li> <li>▪ Damages to crops and cattle</li> </ul>

