



India Meteorological Department
Ministry of Earth Sciences

Regional Meteorological Centre
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**HEAVY TO VERY HEAVY RAINFALL WITH ISOLATED EXTREMELY HEAVY
RAINFALL WARNING UPDATE**

Update No.4

DATE: 10.11.21

TIME OF ISSUE: 03:45 HRS IST

DATE/TIME (IST) OF OBSERVATION	03:30 HRS IST OF 10.11.21
Realised Rainfall Reports	<p>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 11 days.</p> <p>Significant rainfall during the past 11 days as on 24 hrs ending 0830 IST of 29.10.21 to 08.11.21, depicted in map form, is given in Fig.1.</p> <p>Significant rainfall during the past 24 hours ending 0830 IST of 09.11.21 is shown in Fig.2.</p> <p><u>Significant rainfall (mm) during the period 08:30 IST of 09.11.21 to 03:30 IST of 10.11.21:</u></p> <p>Karaikal AWS – 239.5 Nagapattinam – 152.0 (upto 1730 IST) Adiramapattinam AWS (Thanjavur district) – 97.0 Thanjavur PTO – 56.0 (upto 1730 IST) Thuvakudi ARG (Tiruchirapalli district) – 49.0 Vamban KVK (Pudukkottai district) – 49.5 Chidambaram AWS (Cuddalore district) – 71.0 Puducherry AWS – 34.0 Neyveli – 32.5 Permbalur – 32.0 Cheyyur – 25.5</p>
Forecast for 09.11.21	<p><u>Thunderstorm with heavy to very heavy rain at isolated places with extremely heavy falls at one or two places</u> is very likely to occur over Mayiladuthurai, Nagapattinam, Tiruvarur, Thanjavur, Pudukkottai and Ramanathapuram districts of Tamil Nadu and Karaikal area.</p> <p><u>Thunderstorm with heavy to very heavy rain</u> is very likely to occur over Tirunelveli, Thootukudi, Thenkasi, Sivagangai, Madurai and Cuddalore districts of Tamil Nadu.</p>

	<i>Thunderstorm with heavy rain</i> at isolated places is also very likely to occur over Tiruvallur, Chennai, Kanchipuram, Chengalpattu, Villupuram, Ariyalur, Perambalur, Tiruchirapalli, Virudunagar districts of Tamil Nadu and Puducherry.
Impact expected:	<ul style="list-style-type: none"> ✓ Low lying areas marooned ✓ Severe damages to crops ✓ Uprooting of trees ✓ Damage to formal / informal settlements ✓ Increase in water levels in rivers, lakes & reservoirs ✓ Inland / riverine flooding ✓ Damages to cattle

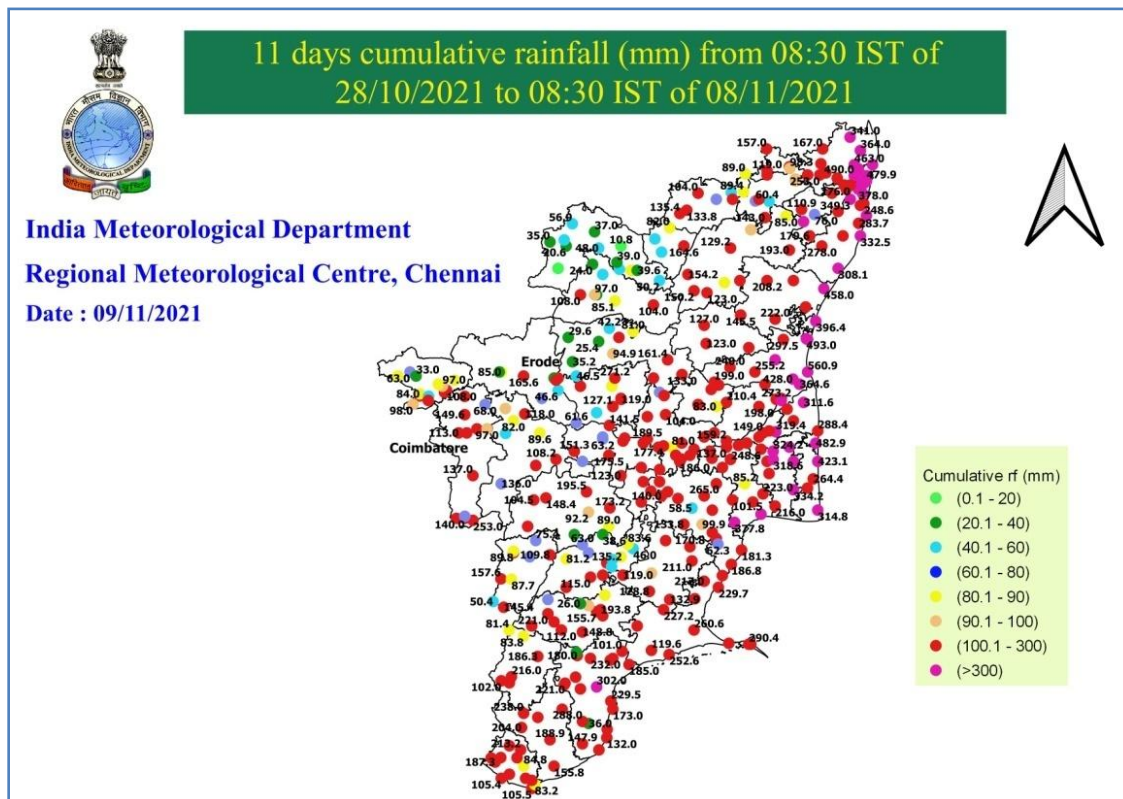


Fig.1 Cumulative rainfall during the past 11 days

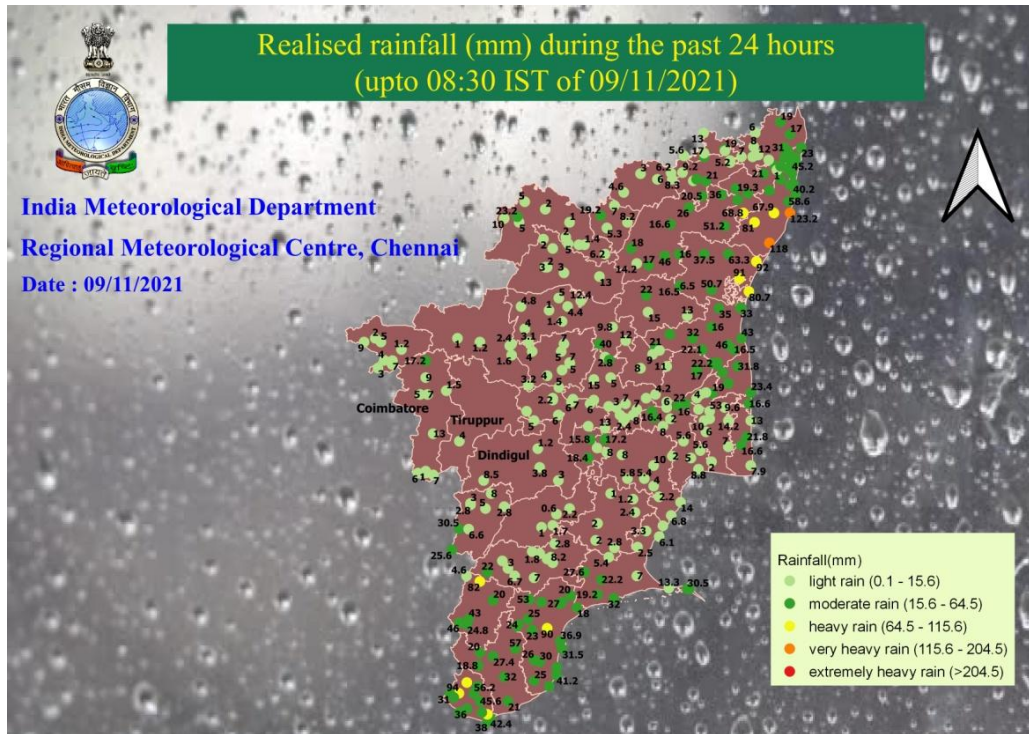
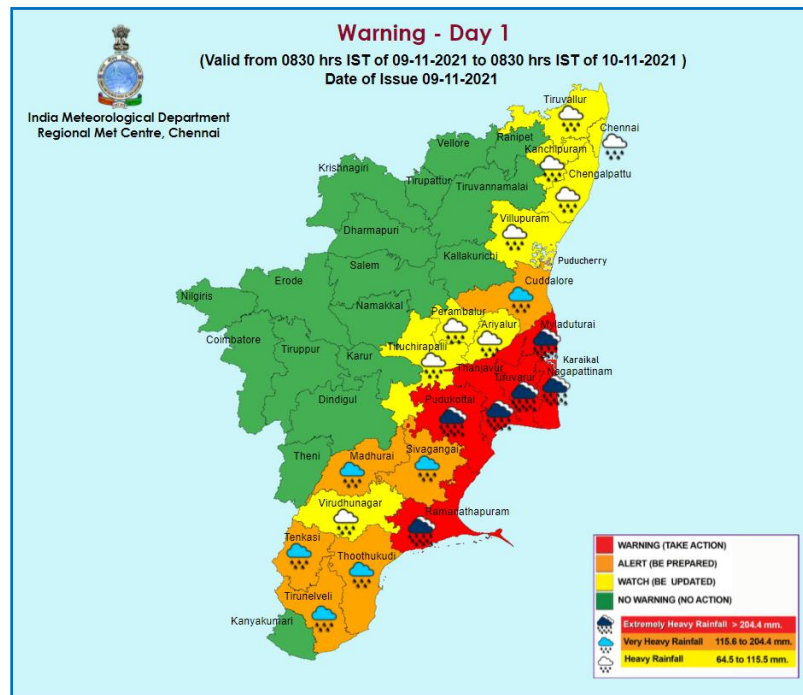
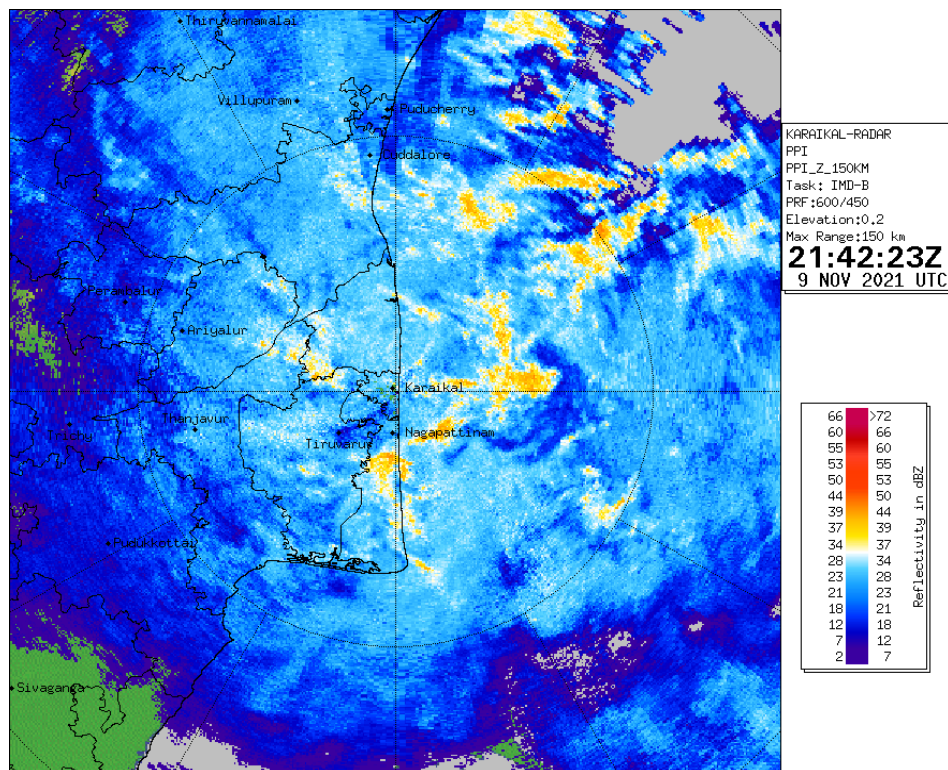
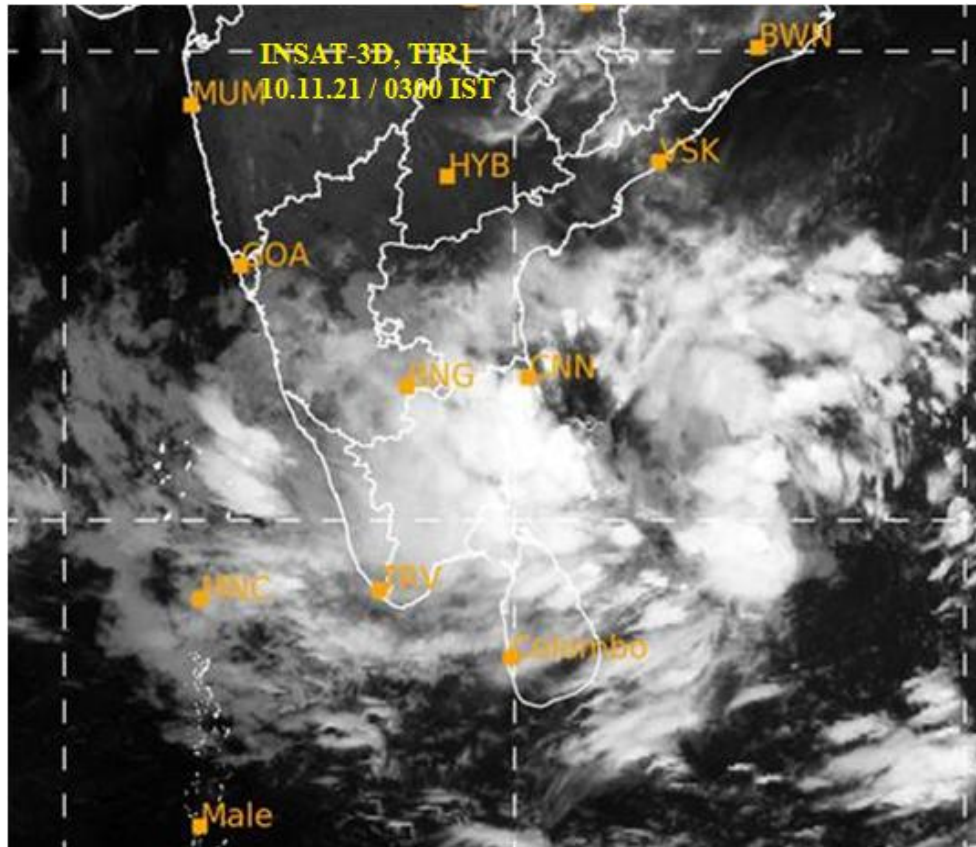
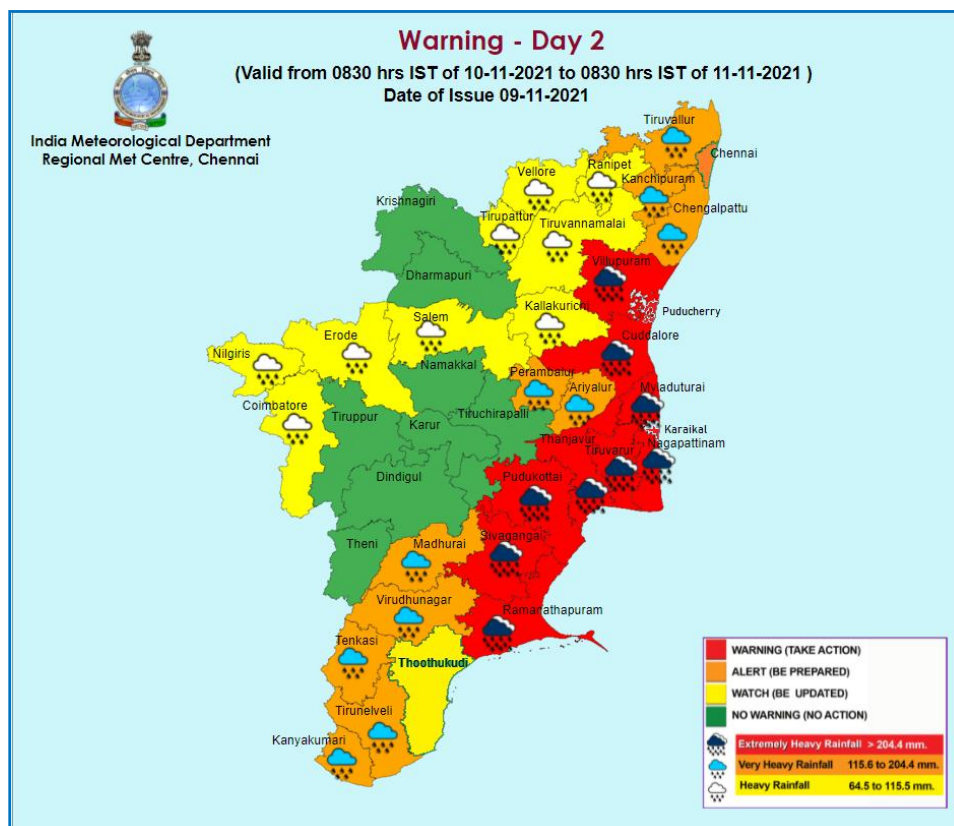


Fig.2 Rainfall during the 24-hr period from 08:30 IST of 08.11.21 to 08:30 IST of 09.11.21





Forecast for 10.11.21	<p><u>Thunderstorm with heavy to very heavy rainfall at a few places with extremely heavy falls at isolated places</u> is very likely to occur over Villupuram, Cuddalore, Mayiladuthurai, Nagapattinam, Tiruvarur, Thanjavur, Pudukkottai, Ramanathapuram and Sivagangai districts of Tamil Nadu, Puducherry and Karaikal.</p> <p><u>Heavy to very heavy rain is also very likely to occur at isolated places</u> over Chennai, Tiruvallur, Kanchipuram, Chengalpattu, Ariyalur, Perambalur, Madurai, Virudunagar, Thenkasi, Tirunelveli and Kanyakumari districts of Tamil Nadu.</p>	<p><u>Thunderstorm with heavy rain is very likely to occur at isolated places</u> over Vellore, Ranipet, Tiruppattur, Thiruvannamalai, Kallakurichi, Salem, Erode, Nilgiris, Coimbatore and Thootukudi districts of Tamil Nadu.</p>
Impact expected:	<ul style="list-style-type: none"> ✓ Low lying areas marooned ✓ Severe damages to crops ✓ Uprooting of trees ✓ Damage to formal / informal settlements ✓ Increase in water levels in rivers, lakes & reservoirs ✓ Inland / riverine flooding ✓ Damages to cattle 	<ul style="list-style-type: none"> ▪ Water logging ▪ Low lying areas inundated ▪ Traffic affected ▪ Blockage of roads ▪ Increase in water levels in rivers, lakes & reservoirs ▪ Minor damages to structures ▪ Uprooting of trees ▪ Damages to crops and cattle ▪ Minor mudslides /landslides in hilly areas



Forecast for 11.11.21	<p><i>Thunderstorm with heavy to very heavy rainfall at a few places with extremely heavy falls at isolated places</i> is very likely to occur over Chennai, Tiruvallur, Kanchipuram, Chengalpattu, Villupuram and Thiruvannamalai districts of Tamil Nadu.</p> <p><i>Thunderstorm with heavy to very heavy rain</i> is also very likely to occur at isolated places over Cuddalore, Kallakurichi, Salem, Vellore, Ranipet, Tiruppattur, Nilgiris, Coimbatore, Tiruppur and Dindigul districts of Tamil Nadu and Puducherry.</p>	<p><i>Thunderstorm with heavy rain</i> is also very likely to occur over Mayiladuthurai, Nagapattinam, Tiruvarur, Thanjavur, Ariyalur, Perambalur, Tiruchirapalli, Pudukkottai, Sivagangai, Ramanathapuram districts of Tamil Nadu and Karaikal area.</p>
Impact expected:	<ul style="list-style-type: none"> ✓ Low lying areas marooned ✓ Severe damages to crops ✓ Uprooting of trees ✓ Damage to formal / informal settlements ✓ Increase in water levels in rivers, lakes & reservoirs ✓ Inland / riverine flooding ✓ Damages to cattle ✓ Minor mudslides /landslides in hilly areas 	<ul style="list-style-type: none"> ▪ Water logging ▪ Low lying areas inundated ▪ Traffic affected ▪ Blockage of roads ▪ Increase in water levels in rivers, lakes & reservoirs ▪ Minor damages to structures ▪ Uprooting of trees ▪ Damages to crops and cattle

