



**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 FOR CHENNAI & ITS SUBURBS**

UPDATE No.2

DATE: 28.11.21

TIME OF ISSUE: 01:00 HRS IST

DATE/TIME (IST) OF OBSERVATION	00:30 HRS IST OF 28.11.21	
Realised Rainfall Reports	(i)	Northeast monsoon seasonal rainfall from 01.10.21 to 27.11.21 has so far over Chennai and neighbourhood (Tiruvallur, Kanchipuram and Chengalpattu districts) has been excess to <i>large excess</i> (+71% to +88%).
	(ii)	Cumulative spatial rainfall distribution during the past 29 days from 0830 IST of 28.10.21 to 0830 IST of 26.11.21, depicted in map form, is given in Fig.1 .
	(iii)	<u>Significant rainfall (cm) during the past 24-hr ending 0830 IST of 27.11.21:</u>
	Avadi (dist Tiruvallur)	20
	Mahabalipuram (dist Chengalpattu), Chengalpattu	18
	Kattapakkam (dist Kancheepuram)	17
	Thirukalukundram (dist Chengalpattu)	16
	Maduranthagam (dist Chengalpattu) Cholvaram (dist Tiruvallur)	15
	Tiruvallur (dist Tiruvallur), Hindustan University (dist Kancheepuram)	13
	Kancheepuram, Chembarambakkam (dist Tiruvallur), Ponneri (dist Tiruvallur)	12
	Tambaram (dist Chengalpattu) Ambattur (dist Tiruvallur)	
	Koratur, Red Hills (dist Tiruvallur), Thirupporur (dist Chengalpattu)	11
	Kelambakkam (dist Chengalpattu), Sriperumbudur (dist Kancheepuram), Perambur (dist Chennai), Anna Uty Arg (dist Chennai), Thamaraiakkam (dist Tiruvallur), DGP Office (dist Chennai), Chennai(N) (dist Chennai)	10
	Chennai AP (dist Chennai), Uthiramerur (dist Kancheepuram), Poondi (dist Tiruvallur), Gummidipoondi (dist Tiruvallur)	9
	Thiruvallangadu (dist Tiruvallur), Cheyyur (dist Chengalpattu), MGR Nagar (dist Chennai), Satyabhama Uty ARG (dist Chengalpattu) 8, Ennore Aws (dist Tiruvallur)	8
	Walajabad (dist Kancheepuram), Anna University (Chennai), Poonamallee (dist Tiruvallur)	7

	<p>Rainfall distribution during the past 24 hours ending 0830 IST of 27.11.21 is shown in Fig.2</p> <p>(iv) <u>Significant rainfall (mm) during the period 0830 IST of 27.11.21 to 0030 IST of 28.11.21:</u></p> <p>Chembarambakkam (Kanchipuram district) – 20.0 Chennai MRC Nagar ARG – 31.0 Chennai AWS – 27.5 Chennai Anna University ARG – 30.0 Chennai NIOT Pallikaranai ARG – 30.2 Meenambakkam ISRO AWS – 21.0</p>
Forecast for 24 hrs during 0830 IST of 27.11.21 to 0830 IST of 28.11.21	<p>Heavy to very heavy rain with isolated extremely heavy falls is very likely over Thiruvallur district.</p> <p>Heavy to very heavy rain is very likely to occur at a few places over Chennai, Chengalpattu and Kanchipuram districts</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

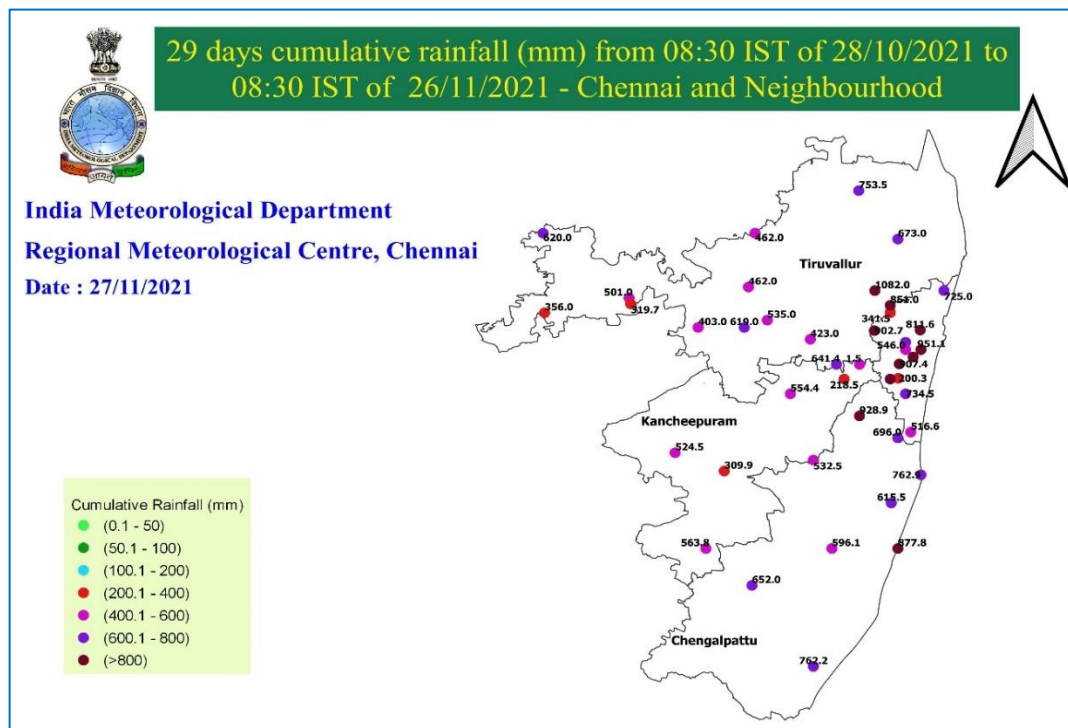


Fig.1 Cumulative rainfall during the past 29 days from 0830 IST of 28.10.21 to 0830 IST of 26.11.21

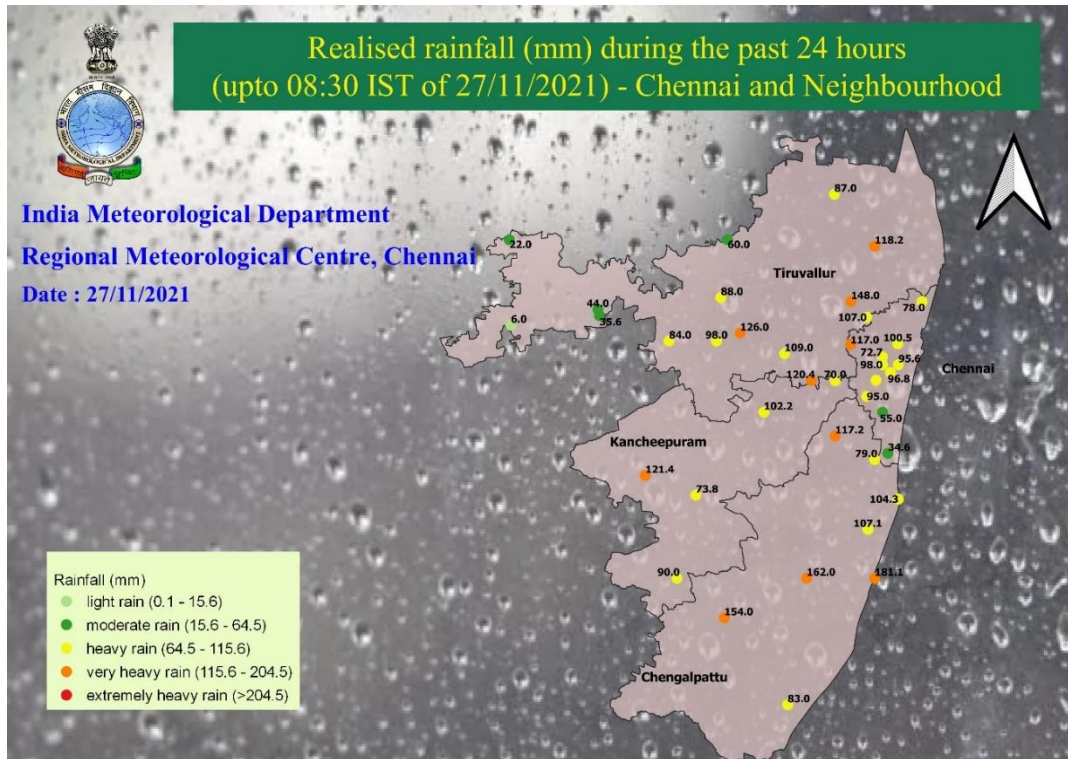


Fig.2: Past 24 hr rainfall during 0830 IST of 26.11.21 to 0830 IST of 27.11.21 over Chennai and its Suburbs

