

இந்திய அரசு
இந்திய வானிலை ஆய்வு துறை
மண்டல வானிலை ஆய்வு மையம்
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GOVERNMENT OF INDIA
INDIA METEOROLOGICAL DEPARTMENT
Regional Meteorological Centre
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Date: 31st Aug 2025

Time of Issue: 09:45 IST

**Sub: Intense rainfall activity over Chennai &
Cloud burst over Manali area & neighbourhood**

(i) As per available rainfall reports, an intense rain spell occurred over Chennai during the night of 30th August 2025, especially during 2200 hrs IST to 2400 IST. **Three extremely heavy, 8 very heavy & 28 heavy rainfall** events were recorded during the 24-hr ending 0830 IST of 31st Aug 2025. Zone 2: Manali (Div 19), Zone 2: New Manali Town & Zone 01: Wimco Nagar recorded extremely heavy rainfall of **27 cm, 26 cm & 23 cm** respectively.

(ii) There were **six** reports of rain spells of **over 10 cm/hr** that qualify the WMO & IMD's definition of cloud burst as listed below:

During 30th/22-23 IST, Zone 2, Manali (Div 19) recorded 106.2 mm;

During 30th/23-24 IST Zone 1, Wimco nagar recorded the most intense spell of **157.2 mm** followed by Zone 7, Korattur: **137.1 mm**; Zone 2, Manali (Div 19): 126.6 mm; Zone 2, New Manali Town (Div 15): 103.2 mm.

As such, **cloud burst** occurred over Manali area and neighbourhood with Zone 2, Manali (Div 19) recording 106.2 mm during 22-23 hrs IST & 126.6 mm during 23-24 hrs IST.

(iii) Ennore AWS recorded 88.5 mm during 22:45 IST to 23:45 IST.

HEAVY RAINFALL RECORDED ON 31-08-2025			
S.No.	District	Station	Rain-fall (mm)
1	Chennai	Zone 02 D19 Manali	271.5
2	Chennai	Zone 02 Manali New Town	255.6
3	Chennai	Zone 01 Wimco Nagar	228.6
1	Chennai	Zone 07 Korattur (W86)	182.4
2	Chennai	Zone 07 Korattur (W84)	161.7
3	Chennai	Zone 02 Manali New Town (W15)	158.8
4	Tiruvallur	Ennore AWS	150
5	Chennai	Zone 02 Manali (W17)	139.8
6	Chennai	Zone 01 Kathivakkam	136.5
7	Chennai	Zone 01 Thiruvottiyur	126

8	Chennai	Zone 07 Ayapakkam	121.8
1	Chennai	Zone 05 Parrys	115.5
2	Chennai	Zone 07 Ambattur	112.2
3	Chennai	Zone 11 Nerkundram	110.4
4	Chennai	Ambathur Rev	105
5	Chennai	CD Hospital Tondiarpet	102.4
6	Kancheepuram	ACS Medical College ARG	97.5
7	Chennai	Zone 06 D65 Kolathur	96.6
8	Chennai	Ayanavaram Taluk Office	96.0
9	Chennai	Zone 05 Kasimedu	95.1
10	Chennai	Zone 11 Valasaravakkam	91.2
11	Chennai	Zone 04 Tondiarpet	86.1
12	Chennai	Chennai(N) AWS	85.5
13	Chennai	Zone 03 Puzhal	83.1
14	Chennai	Zone 11 Valasaravakkam (W152)	82.8
15	Chennai	Chennai (N)	82.0
16	Chennai	Perambur	81.2
17	Tiruvallur	Puzhal ARG	81.0
18	Tiruvallur	Good Will School Villivakkam ARG	81.0
19	Chennai	Zone 08 Aminjikarai	79.2
20	Thanjavur	Lower Anaicut	78.8
21	Tiruvallur	Chembarabakkam_REV	77.0
22	Tiruvallur	Uthukottai	77.0
23	Tiruvallur	Chembarambakkam ARG	76.5
24	Tiruvallur	Red Hills	76.0
25	Chennai	Zone 08 Anna Nagar West	75.6
26	Chennai	Zone 15 Okkiam Thuraipakkam(W195)	73.2
27	Tiruvallur	Poonamalle ARG	70.5
28	Tiruvallur	Thamaraipakkam	67.0