

இந்திய அரசு
இந்திய வானிலை ஆய்வு துறை
மண்டல வானிலை ஆய்வு மையம்
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GOVERNMENT OF INDIA
INDIA METEOROLOGICAL DEPARTMENT
Regional Meteorological Centre
New No. 6, College Road, Chennai-600 006
Phone: 044- 28271951

Date: 11th December 2024

Time of Issue: 12:45 IST

Sub: Well Marked Low Pressure Area over Bay of Bengal

Yesterday's **Well Marked Low Pressure Area** over the Southwest and adjoining Southeast Bay of Bengal lay at 0830 hrs IST of today, the 11th December 2024 over southwest Bay of Bengal off Sri Lanka coast with the associated upper air cyclonic circulation extending up to mid-tropospheric levels. The system is very likely to continue to move west-northwestwards towards Sri Lanka-Tamilnadu coasts during the next 24 hours.

Heavy rainfall warning:

Day-1 (11.12.2024)	<i>Heavy to very heavy</i> rain is likely to occur at isolated places over Cuddalore, Mayiladuthurai, Nagapattinam, Thanjavur, Tiruvarur, Pudukkottai districts of Tamilnadu and Karaikal area.
	<i>Heavy</i> rain is likely to occur at isolated places over Sivaganga, Ramanathapuram, Tiruchirappalli, Perambalur, Ariyalur, Kallakurichi, Villupuram, Chengalpattu, Kancheepuram, Chennai, Tiruvallur districts of Tamilnadu and Puducherry.
Day-2 (12.12.2024)	<i>Heavy to very heavy</i> rain is likely to occur at isolated places over Ariyalur, Thanjavur, Tiruvarur and Pudukkottai districts of Tamilnadu.
	<i>Heavy</i> rain is likely to occur at isolated places over Chennai, Tiruvallur, Kancheepuram, Chengalpattu, Tiruvannamalai, Villupuram, Kallakurichi, Cuddalore, Perambalur, Tiruchirappalli, Sivaganga, Ramanathapuram, Mayiladuthurai, Nagapattinam, Coimbatore, Tiruppur, Karur, Theni, Dindigul, Madurai, Virudhunagar, Tenkasi, Thoothukudi districts of Tamilnadu, Puducherry and Karaikal area.
Day-3 (13.12.2024)	<i>Heavy</i> rain is likely to occur at one or two places over Nilgiris, Coimbatore, Tiruppur, Theni, Dindigul, Madurai, Virudhunagar, Tenkasi, Tirunelveli, Thoothukudi, Ramanathapuram, Sivaganga, Kanyakumari districts of Tamilnadu.
Day-6 (16.12.2024) & Day-7 (17.12.2024)	<i>Heavy</i> rain is likely to occur at one or two places Chengalpattu, Villupuram, Cuddalore, Mayiladuthurai, Nagapattinam, Thanjavur, Tiruvarur, Pudukkottai, Ramanathapuram districts of Tamilnadu, Puducherry and Karaikal area.

Wind warning:

Day-1 (11.12.2024) & Day-2 (12.12.2024): Surface winds, speed reaching **35-45 kmph**, at times, likely over coastal and adjoining areas of Tamilnadu, Puducherry & Karaikal areas.

Fishermen warning:

FOR TAMILNADU COASTS	
Day 1 (11.12.2024) to Day 3 (13.12.2024)	Squally weather with wind speed 35 kmph to 45 kmph gusting to 55 kmph is likely to prevail along and off Tamilnadu coast, over Comorin area and Gulf of Mannar.
Day 4 (14.12.2024)	Squally weather with wind speed 35 kmph to 45 kmph gusting to 55 kmph is likely to prevail over Comorin area.
Fishermen are advised not to venture into the above sea areas during the above mentioned period.	
FOR OTHER THAN TAMILNADU COASTS	
Day 1 (11.12.2024)	Squally weather with wind speed 35 kmph to 45 kmph gusting to 55 kmph is likely to prevail over most parts of Southwest Bay of Bengal and adjoining parts of Southeast Bay of Bengal.
Day 2 (12.12.2024)	Squally weather with wind speed 35 kmph to 45 kmph gusting to 55 kmph is likely to prevail over Kerala Coast and parts of Southwest Bay of Bengal.
Day 3 (13.12.2024) & Day 4 (14.12.2024)	Squally weather with wind speed 35 kmph to 45 kmph gusting to 55 kmph is likely to prevail along and off Kerala Coast and Lakshadweep area.
Fishermen are advised not to venture into the above sea areas during the above mentioned period.	

LEGEND:

Spatial rainfall distribution:

% Stations reporting Rainfall	Category
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:

24-hr accumulated rainfall (cm/day)	Category
Upto 1	Light rain
2-6	Moderate rain
7-11	Heavy rain
12-20	Very heavy rain
≥ 21	Extremely heavy rain

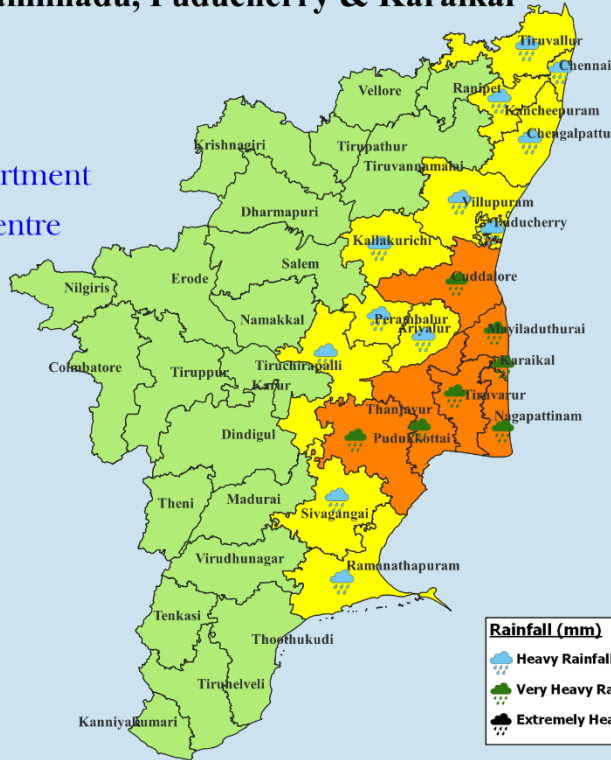


Heavy Rainfall Warnings dated 11/12/2024 for Tamilnadu, Puducherry & Karaikal



India Meteorological Department
Regional Meteorological Centre
Chennai

For Day 1 : 11/12/2024

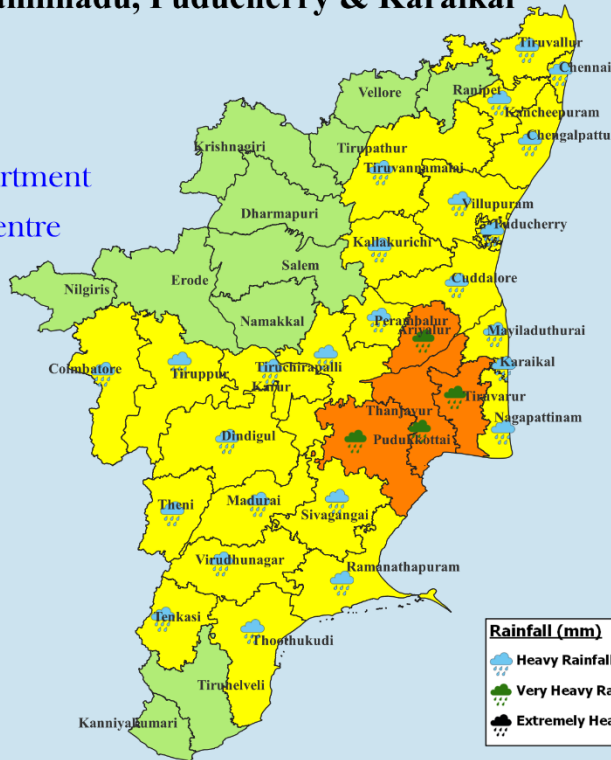


Heavy Rainfall Warnings dated 11/12/2024 for Tamilnadu, Puducherry & Karaikal



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For Day 2 : 12/12/2024



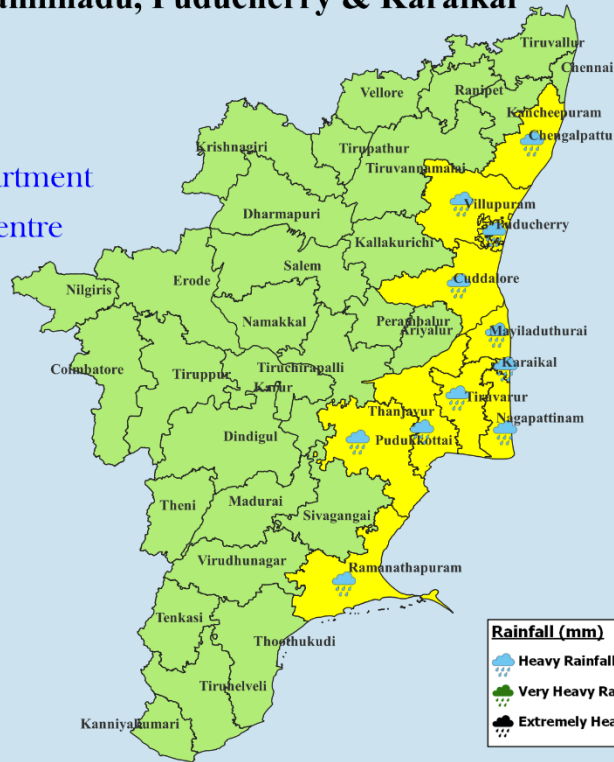


Heavy Rainfall Warnings dated 11/12/2024 for Tamilnadu, Puducherry & Karaikal



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For Day 7 : 17/12/2024



Warnings	
Yellow	Watch (Be Updated)
Orange	Alert (Be Prepared)
Red	Warning (Take Action)
Green	No Warning (No Action)

Rainfall (mm)	
Blue cloud with rain	Heavy Rainfall (64.5 - 115.5) mm
Green cloud with rain	Very Heavy Rainfall (115.6 - 204.4) mm
Black cloud with rain	Extremely Heavy Rainfall > 204.4 mm

Fishermen Warning Graphics

