

இந்திய அரசு  
இந்திய வானிலை ஆய்வு துறை  
மண்டல வானிலை ஆய்வு மையம்  
6, கல்லூரி சாலை, சென்னை – 600 006  
தொலைபேசி : 044- 28271951



GOVERNMENT OF INDIA  
INDIA METEOROLOGICAL DEPARTMENT  
**Regional Meteorological Centre**  
New No. 6, College Road, Chennai-600 006  
Phone: 044- 28271951

Date: 27<sup>th</sup> May 2025

Time of Issue: 14:00 IST

**Sub: Weather warnings for Tamilnadu, Puducherry & Karaikal**

**I. Chief synoptic situations**

The Northern Limit of Monsoon continues to pass through 17.0°N/55°E, 17.5°N/60°E, 18°N/65°E, 18.5°N/70°E, Mumbai, Pune, Sholapur, Kalaburagi, Mahbubnagar, Kavali, 16.5°N/83°E, 19°N/86°E, 21°N/89°E, Agartala, Goalpara and 28.5°N/89°E.

Conditions are favourable for further advance of Southwest Monsoon into some more parts of Bay of Bengal during next 2-3 days.

Under the influence of a **cyclonic circulation** over Northwest and adjoining Westcentral Bay of Bengal, a **Low Pressure Area** has formed over Northwest Bay of Bengal off Odisha coast at 0830 hrs IST of today, the 27<sup>th</sup> May 2025. The associated cyclonic circulation extends upto 7.6 km above mean sea level tilting southwards with height. It is likely to move slowly northwards and become more marked during next 48 hours.

A **shear zone** runs roughly along the Lat. 17°N over the Indian Region between 3.1 and 7.6 km above mean sea level tilting southwards with height

**II. Weather information & warnings for Tamilnadu, Puducherry & Karaikal**

**(i) Past rainfall summary**

**Southwest monsoon has been active-vigorous over Kerala, Coastal and South Interior Karnataka and western ghat districts of Tamilnadu during the past two days (24-hr ending 0830 IST of 26<sup>th</sup> & 27<sup>th</sup> May 2025.**

Associated with the onset and advance of monsoon, *fairly widespread to widespread* rainfall has occurred over Kerala and Karnataka during the past four days (24-hr ending 0830 IST of 24<sup>th</sup>-27<sup>th</sup> May 2025) with **heavy** rainfall at *a few places* and **very heavy – extremely heavy** rainfall at *isolated places* over Kerala and Coastal Karnataka. *Isolated heavy to very heavy* rain with **extremely heavy** rain at *one or two places* also occurred over the ghat areas of South Interior Karnataka & Tamilnadu during the same period.

*Widespread* rainfall occurred **Coimbatore, Dindigul, Kanyakumari, Tenkasi, Nilgiris, Theni, Thirunelveli and Tiruppur** districts of Tamilnadu during the past two days (24-hr ending 0830 IST of 26<sup>th</sup> & 27<sup>th</sup> May 2025).

**Heavy-very heavy** rain occurred at *a few* places over Nilgiris and ghat areas of Coimbatore district with *extremely* heavy rain at *isolated* places during the period 25<sup>th</sup>-27<sup>th</sup> May.

**Avalanche** (Nilgiris) reported **extremely heavy** rainfall consecutively for three days - **21 cm, 35 cm & 26 cm** respectively on 25<sup>th</sup>, 26<sup>th</sup> & 27<sup>th</sup> May 2025. **Upper Bavani** (Nilgiris) recorded **30 cm** and **Chinnakalar** (ghat areas of Coimbatore district) recorded **21 cm** on 26<sup>th</sup> May 2025.

So far, **Avalanche** (Nilgiris) district has received **94 cm of rain during the past 4 days** (24<sup>th</sup>-27<sup>th</sup> May 2025). **Upper Bavani** (Nilgiris) & **Chinnakalar** (Coimbatore) have recorded **53 cm & 56 cm** respectively. **Emerald, Pandalur, Upper Gudalur & Gudalur bazar in Nilgiris district and Siruvani dam, Cincona and Valparai in Coimbatore district** have recorded **30-50 cm** of rain during the same period.

Date	Significant rainfall amount (cm) during the 24-hr ending 0830 IST of date		
	Nilgiris district	Ghat areas of Coimbatore district	Theni, Tenkasi, Ghat areas of Tirunelveli district
24.05.2025	Avalanche 11; Taluk Office Pandalur 11; Devala 8; Vint Worth Estate 6; Barwood 5; Wood Braiyar Estate 5; Upper Gudalur 5; Harisan Malayalam Ltd. 5; Emeraldad 5	Chinnakalar 9; Sholayar 6; Valparai PTO 6; Upasi TRF AWS 5; Cincona 5; Siruvani Adivaram 5	Tirunelveli: Oothu 7; Nalumukku 7; Kakkachi 6; Manjolai 5
25.05.2025	Avalanche 21; Emeraldad 9; Taluk Office Pandalur 9; Vint Worth Estate 9; Devala 9; Upper Bhavani 7; Gudalur Bazar 7; Upper Gudalur 7; Kil Kotagiri Estate 7; Harisan Malayalam Ltd. 6; Wood Braiyar Estate 6; Barwood 6	Chinnakalar 14; Valparai PTO 10; Cincona 9; Siruvani Adivaram 7; Sholayar 7; Valparai PAP 5; Valparai Taluk Office 5	Tirunelveli: Papanasam 2
26.05.2025	Avalanche 35; Upper Bhavani 30; Emeraldad 18; Gudalur Bazar 15; Went Worth Estate 14; Taluk Office Pandalur 14; Upper Gudalur 13; Kunda Bridge 11; Glenmorgan 11; Wood Braiyar Estate 11; Harisan Malayalam Ltd. 10; Barwood 9; Naduvattam 8; Chamraj Estate 7; Kinnakorai 7; Devala 6; Uthagamandalam 6; Billimalai Estate 5; Ged dai 5	Chinnakalar 21; Siruvani Adivaram 13; Valparai PTO 13; Cincona 12; Valparai PAP 11; Upasi TRF AWS 11; Valparai Taluk Office 11; Sholayar 10; PWD Makkinampatti 8; Azhiyar 6	Theni: Periyar 6; Thekkadi 4; Tenkasi: Gundar Dam 4; Adavinainnarkoil Dam 4; Tirunelveli: Oothu 5; Nalumukku 4; Papanasam 4;
27.05.2025	Avalanche 26; Emeraldad 13; Upper Bhavani 12; Kunda	Chinnakalar 12; Valparai PTO 9;	Theni:

	Bridge 11; Vint Worth Estate 10; Harisan Malayalam Ltd. 8; Taluk Office Pandalur 8; Chamraj Estate 8; Wood Braiyar Estate 7; Naduvattam 7; Barwood 6; Upper Gudalur 6; Devala 5; Gudalur Bazar 5; Glenmorgan 5	Siruvani Adivaram 9; Upasi TRF AWS 8; Cincona 7; Sholayar 6; Valparai PAP 6; Valparai Taluk Office 5; PWD Makkinampatti 5; Anaimalai Taluk Office 4	Thekkadi 11; Periyar 10 <b>Tenkasi:</b> Adavinainnar koil Dam 5; Gadana Dam 4; Gundar Dam 4; Karuppanadhi Dam 4; Ramanadhi Dam 4 <b>Thirunelveli:</b> Oothu 7; Nalumukku 7; Kakkachi 6; Papanasam 6; Manjulai 5; Servalar Dam 4 <b>Kanyakumari:</b> Adayamadai 8; Suralacode 7; Balamore 7; Perunchani Dam 6; Mambzhathuraiyaru 6; Puthan Dam 6; Anaikedanku 6; Kozhiporvilai 5; Chittar-I 5; Pechiparai AWS 5; Thirparappu 5; Pechiparai 5; Mullanginavillai 4; Mukkadal Dam 4; Mylaudy 4; Colachel 4; Thuckalay 4; Kurunthancode 4
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**(ii) Rainfall forecast and Heavy rainfall & wind warnings for the next five days**

*Light-moderate* rainfall is likely at *isolated* places on 27<sup>th</sup>, 28<sup>th</sup> & 31<sup>st</sup> May and at a *few* places on 29<sup>th</sup> & 30 May 2025 over Tamilnadu, Puducherry & Karaikal. *Isolated heavy to very heavy rain* is very likely over the western ghat districts of Tamilnadu during 27<sup>th</sup>-30<sup>th</sup> May. *Extremely heavy rain* is also likely at *one or two places* over the Nilgiris and ghat areas of Coimbatore districts on 27<sup>th</sup> May 2025.

HEAVY RAINFALL WARNING	
<b>Day 1</b> <b>(27.05.2025)</b>	Heavy to very heavy rain at a few places with extremely heavy rain at one or two places is likely to occur over <b>Ghat areas of Coimbatore district and Nilgiris district.</b>
	Heavy to very heavy rain is likely to occur at isolated places over <b>Ghat areas of Tirunelveli district; Theni and Tenkasi districts.</b>
	Heavy rain is likely to occur at isolated places over <b>Tiruppur, Dindigul and Kanyakumari districts.</b>
<b>Day 2</b> <b>(28.05.2025)</b>	Heavy to very heavy rain is likely to occur at a few places over <b>Ghat areas of Coimbatore district and Nilgiris district.</b>
	Heavy rain is likely to occur at isolated places over <b>Ghat areas of Tirunelveli district; Tiruppur, Dindigul, Theni, Tenkasi and Kanyakumari districts.</b>
<b>Day 3</b> <b>(29.05.2025)</b> <b>&amp;</b> <b>Day 4</b> <b>(30.05.2025)</b>	Heavy to very heavy rain is likely to occur at a few places over <b>Ghat areas of Coimbatore district and Nilgiris district; at isolated places over Ghat areas of Tirunelveli, Tenkasi and Theni districts.</b>
	Heavy rain is likely to occur at isolated places over <b>Tiruppur, Dindigul and Kanyakumari districts.</b>

**(iii) Wind warning**

WIND WARNING	
<b>Day 1 (27.05.2025)</b> <b>to</b> <b>Day 4 (30.05.2025)</b>	Strong wind gusting to 40-50 kmph is likely to occur at one or two places over <b>Tamilnadu, Puducherry &amp; Karaikal area.</b>

**(iv) Warnings for fishermen for the next five days**

FOR TAMILNADU COASTS	
<b>Day 1 (27.05.2025)</b> <b>to</b> <b>Day 5 (31.05.2025)</b>	Squally weather with wind speed 40 kmph to 50 kmph gusting to 60 kmph likely to prevail over Tamilnadu Coast, Gulf of Mannar and Comorin area.
<b>Fishermen are advised not to venture into the above sea areas during the above mentioned period.</b>	

FOR OTHER THAN TAMILNADU COASTS	
<b>Day 1</b> <b>(27.05.2025)</b>	Squally weather with wind speed 45 kmph to 55 kmph gusting to 65 kmph prevailing along and off Konkan coast, many parts of South Bay of Bengal and adjoining parts of Central Bay of Bengal.

	<p>Squally wind with speed 45 kmph to 55 kmph gusting to 65 kmph likely to prevail along and off parts of Southwest and Westcentral Arabian Sea.</p> <p>Squally weather with wind speed 40 kmph to 50 kmph gusting to 60 kmph prevailing over South Arabian Sea, most parts of Eastcentral Arabian Sea, Southern parts of Westcentral Arabian Sea; along and off Konkan, Goa, Kerala, Karnataka coasts, over Lakshadweep area, Maldives area, Andhra Pradesh, Odisha and West Bengal coasts, most parts of South Bay of Bengal, over Central and Northwest Bay of Bengal; over Andaman Sea</p>
<b>Day 2 (28.05.2025)</b>	<p>Squally weather with wind speed 45 kmph to 55 kmph gusting to 65 kmph prevailing along and off Konkan coast, many parts of South Bay of Bengal and some parts of Central Bay of Bengal.</p> <p>Squally wind with speed 45 kmph to 55 kmph gusting to 65 kmph likely to prevail along and off Northern parts of Southwest Arabian Sea and adjoining Westcentral Arabian Sea.</p> <p>Squally weather with wind speed 40 kmph to 50 kmph gusting to 60 kmph prevailing over South Arabian Sea, Eastcentral Arabian Sea, many parts of Westcentral Arabian Sea; along and off Konkan, Goa, Kerala, Karnataka coasts, over Lakshadweep area, Maldives area, Andhra Pradesh, Odisha and West Bengal, over South Bay of Bengal, Central and North Bay of Bengal; over Andaman Sea.</p>
<b>Day 3 (29.05.2025)</b>	<p>Squally weather with wind speed 45 kmph to 55 kmph gusting to 65 kmph prevailing along and off many parts of South Bay of Bengal and some parts of Central Bay of Bengal.</p> <p>Squally wind with speed 45 kmph to 55 kmph gusting to 65 kmph likely to prevail along and off Northern parts of Southwest Arabian Sea and adjoining parts of Westcentral, Eastcentral and Southeast Arabian Sea.</p> <p>Squally weather with wind speed 40 kmph to 50 kmph gusting to 60 kmph prevailing over entire South Arabian Sea, Eastcentral Arabian Sea, most parts of Westcentral Arabian Sea; along and off Konkan, Goa, Kerala, Karnataka coasts, over Lakshadweep area, Maldives area, Andhra Pradesh, Odisha and West Bengal, over entire South Bay of Bengal, Central and North Bay of Bengal; over Andaman Sea.</p>
<b>Day 4 (30.05.2025)</b>	<p>Squally weather with wind speed 45 kmph to 55 kmph gusting to 65 kmph prevailing along and off many parts of South Bay of Bengal and some parts of Central Bay of Bengal.</p> <p>Squally wind with speed 45 kmph to 55 kmph gusting to 65 kmph likely to prevail along and off Northern parts of Southwest Arabian Sea and adjoining parts of Westcentral, Eastcentral and Southeast Arabian Sea, along and off Gujarat coast and adjoining Northeast Arabian Sea.</p> <p>Squally weather with wind speed 40 kmph to 50 kmph gusting to 60 kmph prevailing over entire South Arabian Sea, Eastcentral Arabian Sea, most parts of Westcentral Arabian Sea; along and off Konkan, Goa, Kerala, Karnataka coasts, over Lakshadweep area, Andhra Pradesh, Odisha and West Bengal, over entire South Bay of Bengal, Central and North Bay of Bengal; over Andaman Sea.</p>
<b>Day 5 (31.05.2025)</b>	<p>Squally weather with wind speed 45 kmph to 55 kmph gusting to 65 kmph prevailing over Central parts of Bay of Bengal.</p>

	<p>Squally wind with speed 45 kmph to 55 kmph gusting to 65 kmph likely to prevail along and off Northern parts of Southwest Arabian Sea and adjoining parts of Westcentral, Eastcentral and Southeast Arabian Sea, along and off Gujarat coast and adjoining Northeast Arabian Sea. Squally weather with wind speed 40 kmph to 50 kmph gusting to 60 kmph prevailing over entire South Arabian Sea, Eastcentral Arabian Sea, most parts of Westcentral Arabian Sea; along and off Konkan, Goa, Kerala, Karnataka coasts, over Lakshadweep area, Maldives area, off Andhra Pradesh, Odisha coasts, over most parts of South and Central and North Bay of Bengal &amp; adjoining parts of North Bay of Bengal.</p>
<p><b>Fishermen are advised not to venture into the above sea areas during the above mentioned period.</b></p>	

**(v) Port signals**

Squally weather with wind speed reaching 40-50 kmph gusting to 60 kmph is likely over Comorin area, Gulf of Mannar and adjoining south Tamilnadu coasts. Local Cautionary Signal III hoisted at Thootukudi & Pamban ports.

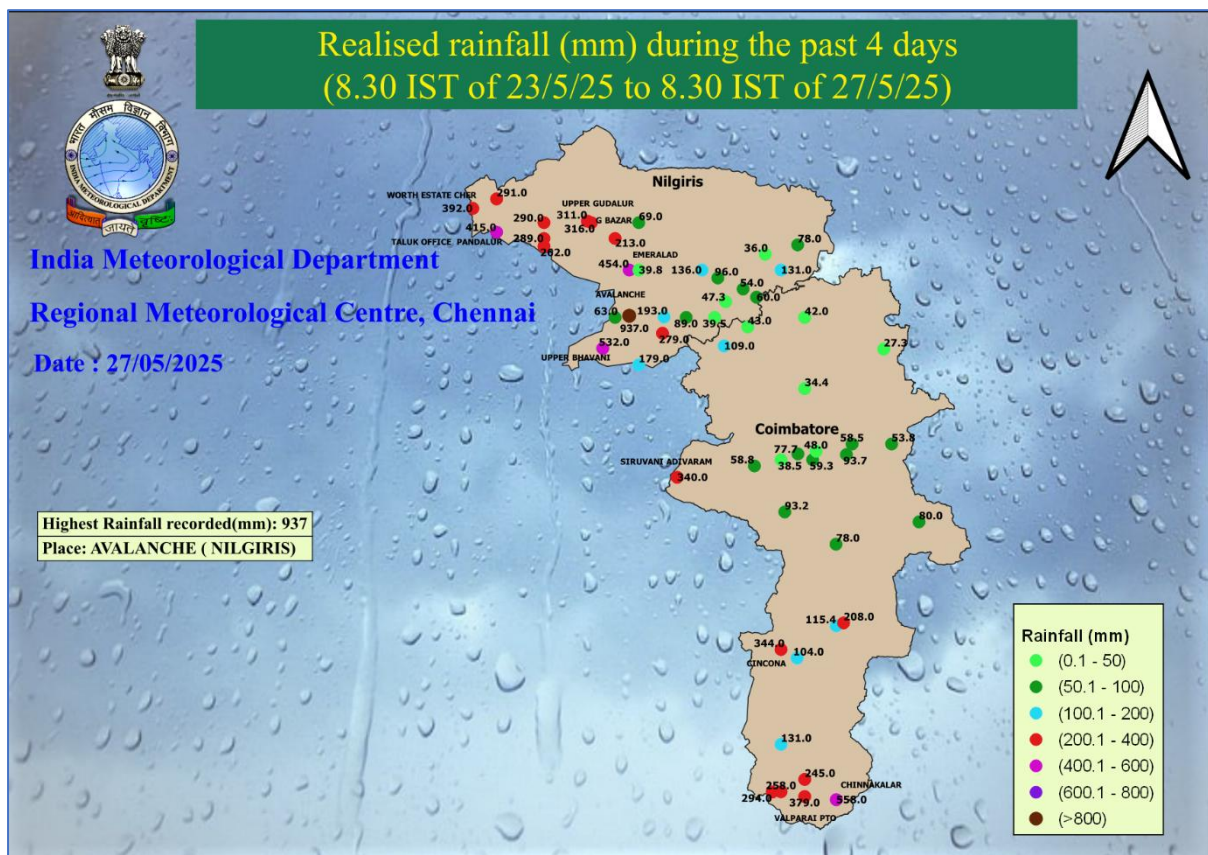
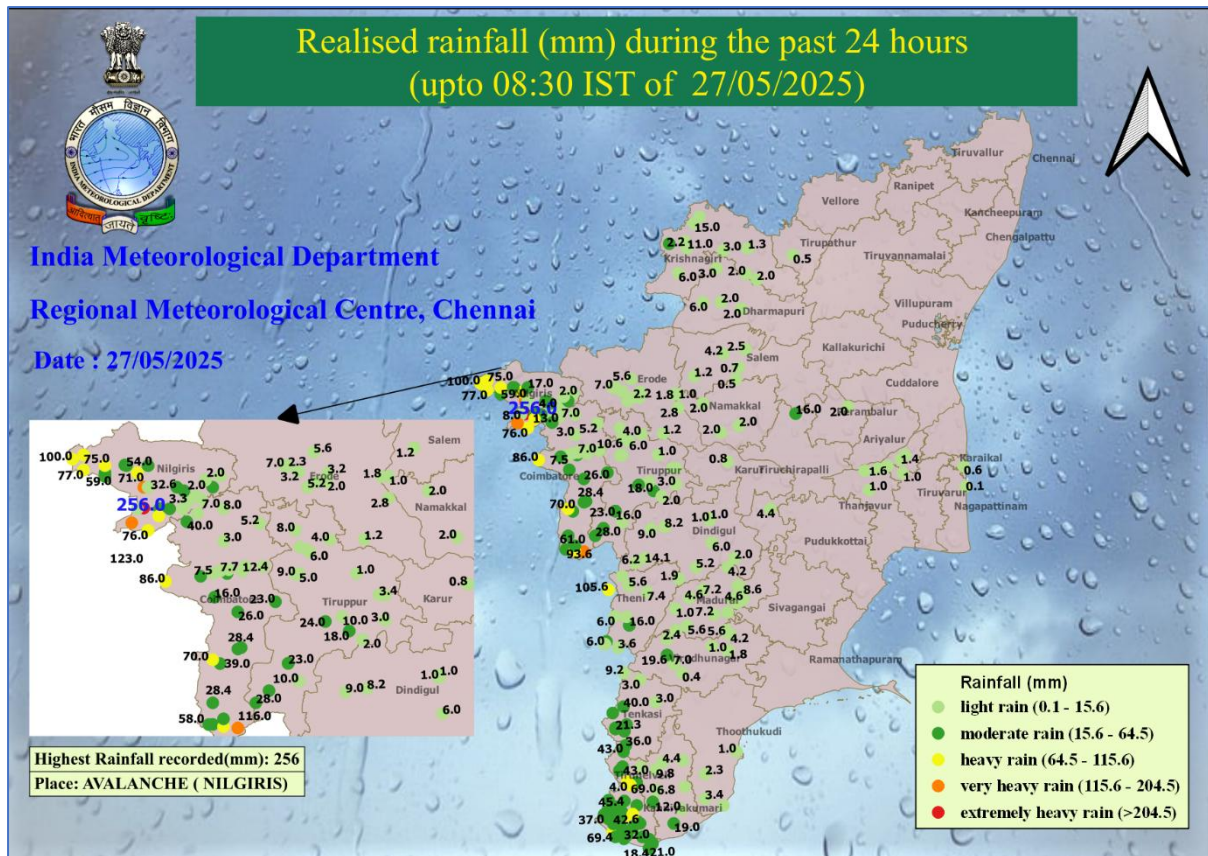
**(vi) Impacts expected over the western ghat areas of Tamilnadu**

- ✓ Water logging and damages to crops
- ✓ Uprooting of trees and blockage of roads
- ✓ Landslides / Mudslides likely in hilly areas
- ✓ Damages to temporary structures and informal settlements
- ✓ Increase in water levels in rivers, lakes & reservoirs
- ✓ Inland flooding in some low lying areas

**(vii) Advice to public:** People are advised to be cautious and follow the government advisories with respect to tourism activities in the western ghat areas.

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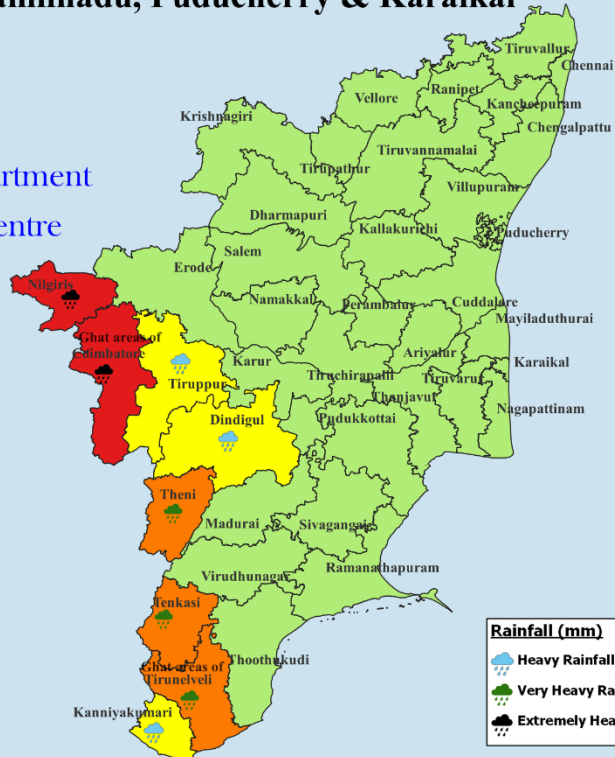
## Heavy Rainfall Warnings dated 27/05/2025 for Tamilnadu, Puducherry & Karaikal



India Meteorological Department  
Regional Meteorological Centre  
Chennai

**For Day 1: 27.05.25**

**Warnings**  
Watch (Be Updated)  
Alert (Be Prepared)  
Warning (Take Action)  
No Warning (No Action)



**Rainfall (mm)**  
Heavy Rainfall (64.5 - 115.5) mm  
Very Heavy Rainfall (115.6 - 204.4) mm  
Extremely Heavy Rainfall > 204.4 mm



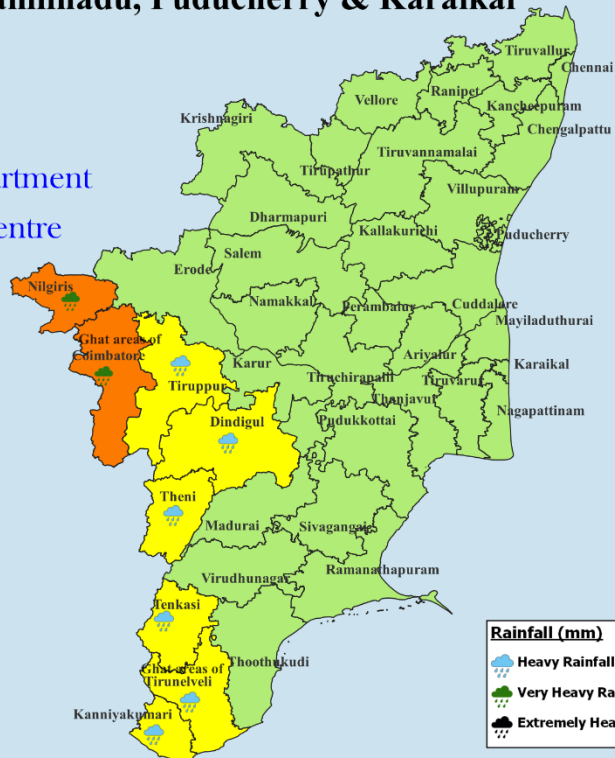
## Heavy Rainfall Warnings dated 27/05/2025 for Tamilnadu, Puducherry & Karaikal



India Meteorological Department  
Regional Meteorological Centre  
Chennai

**For Day 2: 28.05.25**

**Warnings**  
Watch (Be Updated)  
Alert (Be Prepared)  
Warning (Take Action)  
No Warning (No Action)



**Rainfall (mm)**  
Heavy Rainfall (64.5 - 115.5) mm  
Very Heavy Rainfall (115.6 - 204.4) mm  
Extremely Heavy Rainfall > 204.4 mm





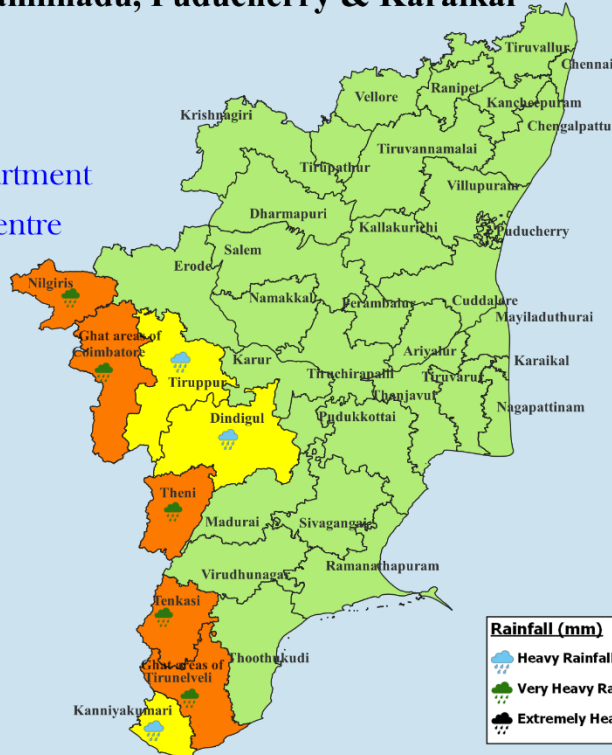
## Heavy Rainfall Warnings dated 27/05/2025 for Tamilnadu, Puducherry & Karaikal



India Meteorological Department  
Regional Meteorological Centre  
Chennai

**For Day 3: 29.05.25**

Warnings	
	Watch (Be Updated)
	Alert (Be Prepared)
	Warning (Take Action)
	No Warning (No Action)



Rainfall (mm)	
	Heavy Rainfall (64.5 - 115.5) mm
	Very Heavy Rainfall (115.6 - 204.4) mm
	Extremely Heavy Rainfall > 204.4 mm



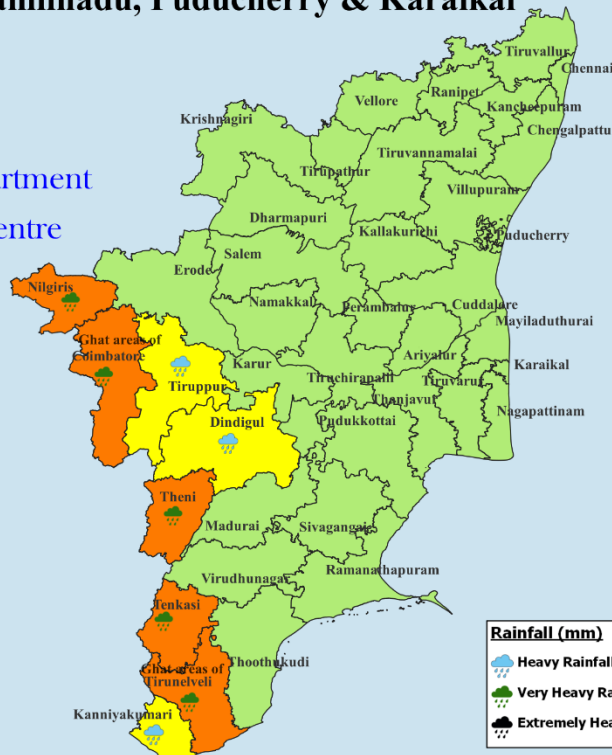
## Heavy Rainfall Warnings dated 27/05/2025 for Tamilnadu, Puducherry & Karaikal



India Meteorological Department  
Regional Meteorological Centre  
Chennai

**For Day 4: 30.05.25**

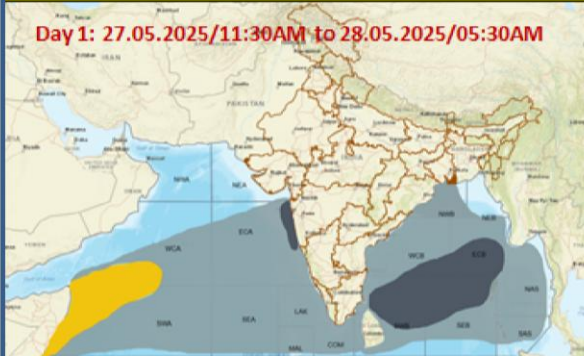
Warnings	
	Watch (Be Updated)
	Alert (Be Prepared)
	Warning (Take Action)
	No Warning (No Action)



Rainfall (mm)	
	Heavy Rainfall (64.5 - 115.5) mm
	Very Heavy Rainfall (115.6 - 204.4) mm
	Extremely Heavy Rainfall > 204.4 mm

## Fishermen Warning Graphics

**Day 1: 27.05.2025/11:30AM to 28.05.2025/05:30AM**



**Day 2: 28.05.2025/05:30AM to 29.05.2025/05:30AM**



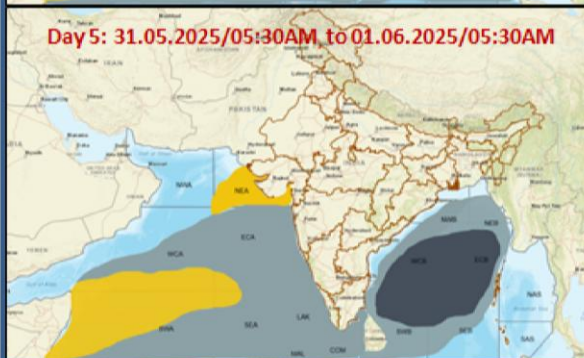
**Day 3: 29.05.2025/05:30AM to 30.05.2025/05:30AM**



**Day 4: 30.05.2025/05:30AM to 31.05.2025/05:30AM**



**Day 5: 31.05.2025/05:30AM to 01.06.2025/05:30AM**



Squally Weather with wind speed 35-50 kmph gusting to 60 kmph

Squally weather with wind speed 45-55 kmph gusting to 65 kmph

Squally wind with speed 45-55 kmph gusting to 65 kmph

**Fishermen are advised not to venture into the marked areas.**