

இந்திய அரசு
இந்திய வானிலை ஆய்வு துறை
மண்டல வானிலை ஆய்வு மையம்
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GOVERNMENT OF INDIA
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Special Bulletin No. 14

Cyclonic Storm Ditwah [Pronunciation: Ditwah] over coastal Sri Lanka & adjoining southwest Bay of Bengal: Cyclone Alert for north Tamil Nadu & Puducherry and adjoining south Andhra Pradesh coasts (Orange Message)

The **Cyclonic Storm Ditwah [Pronunciation: Ditwah]** over coastal Sri Lanka and adjoining southwest Bay of Bengal moved northwards with the speed of 7 kmph during past 6 hours and lay centered at 0230 hrs IST of today, the 29th November 2025 over the same region, near latitude 9.2°N and longitude 80.8°E, about 80 km northwest of Trincomalee (Sri Lanka), 190 km northwest of Batticaloa (Sri Lanka), 220 km south-southeast of Karaikal (India), 330 km south-southeast of Puducherry (India) and 430 km south of Chennai (India).

It is very likely to move north-northwestwards across coastal Sri Lanka & adjoining southwest Bay of Bengal and reach over southwest Bay of Bengal near North Tamil Nadu, Puducherry and adjoining south Andhra Pradesh coasts by early morning of 30th November.

Weather warnings for Tamilnadu, Puducherry & Karaikal areas

(i) Heavy Rainfall Warning:

RAINFALL FORECAST & HEAVY RAINFALL WARNING

| | |
|-------------------------------|--|
| Day 1 (28.11.2025) | <p>Light to moderate rain is likely to occur at many places over Tamilnadu (at many places over South Tamilnadu and at a few places over North Tamilnadu) and over Puducherry & Karaikal area with thunderstorm & lightning at one or two places.</p> <p>Heavy to very heavy rain at a few places with extremely heavy rain at one or two places is likely to occur over Ramanathapuram, Pudukkottai, Thanjavur, Tiruvarur, Nagapattinam districts and Karaikal area.</p> <p>Heavy to very heavy rain is likely to occur at a few places over Thoothukudi, Sivaganga, Ariyalur and Mayiladuthurai districts.</p> |
|-------------------------------|--|

| | |
|--------------------------------------|--|
| | <p>Heavy rain is likely to occur at isolated places over Kanyakumari, Tirunelveli, Virudhunagar, Madurai, Tiruchirappalli, Perambalur and Cuddalore districts.</p> |
| <p>Day 2 (29.11.2025)</p> | <p>Light to moderate rain is likely to occur at many places over Tamilnadu (at many places over North Tamilnadu and at a few places over South Tamilnadu) and over Puducherry & Karaikal area with thunderstorm & lightning at one or two places.</p> <p>Heavy to very heavy rain at a few places with extremely heavy rain at one or two places is likely to occur over Cuddalore, Mayiladuthurai, Villuppuram and Chengalpattu districts and Puducherry.</p> <p>Heavy to very heavy rain is likely to occur at a few places over Pudukkottai, Thanjavur, Tiruvarur, Nagapattinam, Ariyalur, Perambalur, Tiruchirappalli, Salem, Kallakurichi, Tiruvannamalai, Chennai, Kancheepuram, Tiruvallur and Ranipet districts and Karaikal area.</p> <p>Heavy rain is likely to occur at isolated places over Vellore, Tirupattur, Krishnagiri, Dharmapuri, Namakkal and Karur districts.</p> |
| <p>Day 3 (30.11.2025)</p> | <p>Light to moderate rain is likely to occur at a few places over Tamilnadu (at many places over North Tamilnadu and at isolated places over South Tamilnadu) and over Puducherry & Karaikal area with thunderstorm & lightning at one or two places.</p> <p>Heavy to very heavy rain at a few places with extremely heavy rain at one or two places is likely to occur over Tiruvallur and Ranipet districts.</p> <p>Heavy to very heavy rain is likely to occur at a few places over Kancheepuram, Chennai, Chengalpattu, Vellore, Tirupattur, Krishnagiri and Dharmapuri districts.</p> <p>Heavy rain is likely to occur at isolated places over Salem, Kallakurichi, Tiruvannamalai, Villuppuram districts and Puducherry.</p> |
| <p>Day 4 (01.12.2025)</p> | <p>Light to moderate rain is likely to occur at isolated places over Tamilnadu and over Puducherry & Karaikal area with thunderstorm & lightning at one or two places.</p> <p>Heavy rain is likely to occur at isolated places over Tiruvallur district.</p> |

(ii) Surface wind warning:

| WIND WARNING | |
|---------------------------|--|
| Day 1 (28.11.2025) | Strong surface winds with speed reaching 50-60 kmph gusting to 70 kmph is likely to prevail over South Coastal Tamilnadu. |
| | Strong surface winds with speed reaching 40-50 kmph gusting to 60 kmph is likely to prevail over North Coastal Tamilnadu, Puducherry & Karaikal area. |
| Day 2 (29.11.2025) | Strong surface winds with speed reaching 70-80 kmph gusting to 90 kmph is likely to prevail over Delta region, adjoining Coastal districts, Puducherry and Karaikal area. |
| | Strong surface winds with speed reaching 55-65 kmph gusting to 75 kmph is likely to prevail over rest Coastal Tamilnadu districts. |
| Day 3 (30.11.2025) | Strong surface winds with speed reaching 60-70 kmph gusting to 80 kmph is likely to prevail over rest North Coastal Tamilnadu and Puducherry. |
| | Strong surface winds with speed reaching 55-65 kmph gusting to 75 kmph is likely to prevail over South Coastal Tamilnadu, Delta districts and Karaikal area. |

(iii) Fishermen warnings:

| FOR TAMILNADU COASTS |
|--|
| <p><u>Along & off North Tamil Nadu & Puducherry Coasts</u> Squally wind speed reaching 50-60 gusting to 70 kmph is prevailing. It is likely to increase becoming Gale wind speed reaching 70-80 gusting to 90 kmph from morning of 29th November till 30th morning. Thereafter it is likely to decrease gradually becoming squally wind speed reaching 50-60 gusting to 70 kmph by 1st December morning.</p> <p>Rough to very rough sea conditions are prevailing. It is likely to become very rough to high sea conditions till 30th November. It is likely to improve gradually becoming very rough to rough from 1st December morning.</p> <p><u>Along & off south Tamil Nadu coast</u> Squally wind speed reaching 55-65 gusting to 75 kmph is prevailing. It is likely to increase becoming Gale wind speed reaching 70-80 gusting to 90 kmph is likely to prevail along & off south Tamil Nadu from morning of 29th till 30th November.</p> |

Thereafter it is likely to decrease gradually becoming squally wind speed reaching 50-60 gusting to 70 kmph by 1st December morning.

Very rough to high sea condition are likely to prevail till 30th November midnight. It is likely to improve gradually becoming very rough to rough from 1st December morning.

South west Bay of Bengal, Gulf of Mannar and Comorin area

Gale wind speed reaching 65-75 gusting to 85 kmph is prevailing. It would increase becoming 70-80 kmph gusting to 90 kmph from morning of 29th till 30th November morning. Thereafter it is likely to decrease gradually becoming squally wind speed reaching 50-60 gusting to 70 kmph by morning of 1st December.

Very rough to high sea conditions are likely to prevailing, it is likely to be high till 30th November. Thereafter it is likely to improve from 1st December morning.

Fishermen are advised not to venture into the above sea areas during the above mentioned Period.

Those out at sea should avoid Southwest & adjoining Westcentral Bay of Bengal, Gulf of Mannar, Comorin area, along & off Tamil Nadu, Puducherry, South Andhra Pradesh coasts till 01st December and Southeast Arabian Sea, Lakshadweep , Maldives and along & off Kerala coast till 30th November.

FOR OTHER THAN TAMILNADU COASTS

Adjoining Westcentral Bay of Bengal and along & off South Andhra Pradesh coast:

Squally weather with wind speed reaching 35-45 kmph gusting to 55 kmph is prevailing. It is very likely to increase becoming squally winds speed reaching 50-60 kmph gusting to 70 kmph from 29th morning and Gale wind speed reaching 60-70 kmph gusting to 80 kmph from 29th evening till 30th morning. Thereafter, it is likely to decrease becoming squally wind speed reaching 45-55 kmph gusting to 65 kmph on 01st December morning.

Moderate to rough sea conditions are prevailing and likely to become rough to very rough from 29th morning and high from 29th evening till 30th November. Thereafter, it is likely to improve gradually on 01st December morning.

Adjoining areas of Southeast Arabian Sea, Lakshadweep, Maldives and along & off Kerala coast:

Squally weather with wind speed reaching 45-55 kmph gusting to 65 kmph likely to prevail on 29th November.

Rough to very rough sea conditions are likely on 29th November.

Fishermen are advised not to venture into the above sea areas during the above mentioned Period.

Those out at sea should avoid Southwest & adjoining Westcentral Bay of Bengal, Gulf of Mannar, Comorin area, along & off Tamil Nadu, Puducherry, South Andhra Pradesh coasts till 01st December and Southeast Arabian Sea, Lakshadweep, Maldives and along & off Kerala coast till 30th November.

(iv) Port warnings:

Local Warning Signal Number **Four (LW-IV)** hoisted at Pamban, Thoothukudi, Nagapattinam & Karaikal ports.

Distant Warning Signal Number **Two (DW-II)** with Section Signal Number IV hoisted at Chennai, Cuddalore & Nagapattinam ports.

Distant Warning Signal Number **Two (DW-II)** hoisted at Ennore, Kattupally & Puducherry ports.

Information sent to Rameswaram and Colachel ports.

(v) Impact Expected and Action Suggested due to heavy rain and strong winds:

Impact Expected

- ❖ Major damage to thatched houses/ huts. Roof tops may blow off. Unattached metal sheets may fly.
- ❖ Damage to power and communication lines.
- ❖ Major damage to Kutcha and some damage to Pucca roads. Flooding of escape routes.
- ❖ Breaking of tree branches, uprooting of large avenue trees. Large-scale damage to banana and papaya trees. Large dead limbs blown from trees.
- ❖ Damage to paddy crops, horticultural and standing crops and orchards due to inundation & winds.
- ❖ Inundation of low-lying areas in coastal districts due to heavy rainfall and flash flood
- ❖ Localized Flooding of roads, water logging in low lying areas and closure of underpasses mainly in urban areas.
- ❖ Occasional reduction in visibility due to heavy rainfall.
- ❖ Disruption of traffic due to water logging and squally winds
- ❖ Localized Landslides/Mudslides It may lead to riverine flooding in some river catchments (for riverine flooding please visit Web page of Central Water Commission)
- ❖ Damage to embankments/ salt pans.
- ❖ Possibility of coastal flooding and coastal erosion is also very likely over coastal districts of Tamil Nadu and Puducherry and south Andhra Pradesh & Yanam.

Action suggested:

- ❖ Total suspension of fishing operations.
- ❖ Coastal hutment dwellers to be moved to safer places. People in affected areas to remain indoors.
- ❖ Movement in motor boats unsafe.
- ❖ Judicious regulation of offshore/onshore operations
- ❖ People are advised to keep a watch on the weather for worsening conditions and be ready to move to safer places accordingly.
- ❖ Take safe shelters; do not take shelter under trees, as there could be lightning.
- ❖ In case of expected lightning, unplug electrical/ electronic appliances, immediately, get out of water bodies and keep away from all the objects that conduct electricity.
- ❖ Tourism and recreational activities to be regulated.
- ❖ Surface transport and helicopter services to be regulated.

Legends :

Day: 08:30 IST to 08:30 IST of next day

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 |

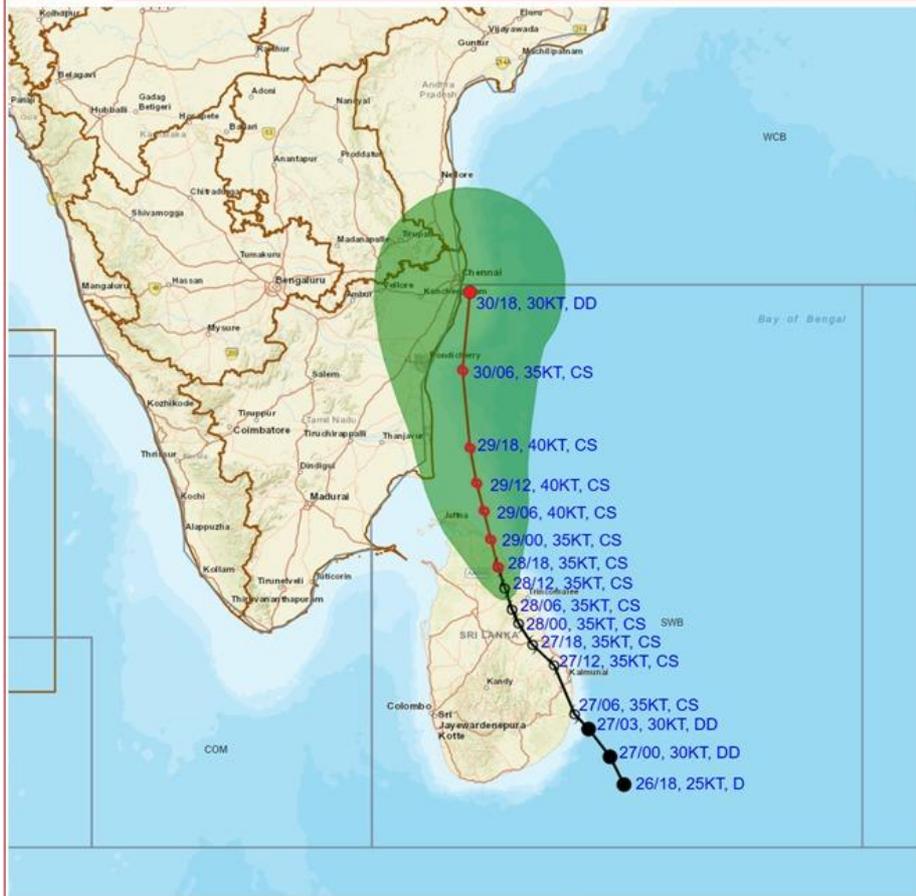
Rainfall intensity:

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

| | |
|---|---|
| North Tamil Nadu (NTN) districts | Chennai, Kancheepuram, Chengalpattu, Tiruvallur, Cuddalore, Villupuram, Tirupattur, Vellore, Ranipet, Kallakurichi, Tiruvannamalai, Krishnagiri, Dharmapuri, Salem, Namakkal, Karur, Erode, Thanjavur, Tiruvarur, Mayiladuthurai, Nagapattinam, Pudukottai, Nilgiris, Coimbatore, Tiruppur, Tiruchirapalli, Ariyalur, Perambalur. |
| South Tamil Nadu (STN) districts | Dindigul, Theni, Virudhunagar, Madurai, Sivagangai, Ramanathapuram, Thoothukudi, Thenkasi, Tirunelveli, Kanyakumari. |
| Interior Tamil Nadu (ITN) districts | Tirupattur, Vellore, Ranipet, Kallakurichi, Tiruvannamalai, Kancheepuram, Krishnagiri, Dharmapuri, Salem, Namakkal, Karur, Erode, Nilgiris, Coimbatore, Tiruppur, Tiruchirapalli, Ariyalur, Perambalur, Sivagangai, Virudhunagar, Theni, Dindigul, Madurai, Thenkasi. |
| North interior Tamil Nadu (NITN) districts | Tirupattur, Vellore, Ranipet, Kallakurichi, Tiruvannamalai, Kancheepuram, Krishnagiri, Dharmapuri, Salem, Namakkal, Karur, Erode, Nilgiris, Coimbatore, Tiruppur, Tiruchirapalli, Ariyalur and Perambalur. |
| South interior Tamil Nadu (SITN) districts | Sivagangai, Virudhunagar, Theni, Dindigul, Madurai, Thenkasi. |
| Coastal Tamil Nadu (CTN) districts | Tiruvallur, Chennai, Chengalpattu, Villupuram, Cuddalore, Thanjavur, Tiruvarur, Mayiladuthurai, Nagapattinam, Pudukottai, Ramanathapuram, Thoothukudi, Tirunelveli, Kanyakumari. |
| North Coastal Tamil Nadu (NCTN) districts | Tiruvallur, Chennai, Chengalpattu, Villupuram, Cuddalore, Thanjavur, Tiruvarur, Mayiladuthurai, Nagapattinam, Pudukottai. |
| South Coastal Tamil Nadu (SCTN) districts | Ramanathapuram, Thoothukudi, Tirunelveli, Kanyakumari. |
| Delta districts | Thanjavur, Tiruvarur, Nagapattinam, Mayiladuthurai, Pudukottai and Karaikal area. |
| Western Ghat districts | Nilgiris, Coimbatore, Tiruppur, Theni, Dindigul, Thenkasi, Virudhunagar, Tirunelveli, Kanyakumari |



OBSERVED AND FORECAST TRACK OF CYCLONIC STORM "DITWAH" OVER COASTAL SRI LANKA & ADJOINING SOUTHWEST BAY OF BENGAL BASED ON 1800 UTC (2330 Hrs. IST) OF 28TH NOVEMBER 2025

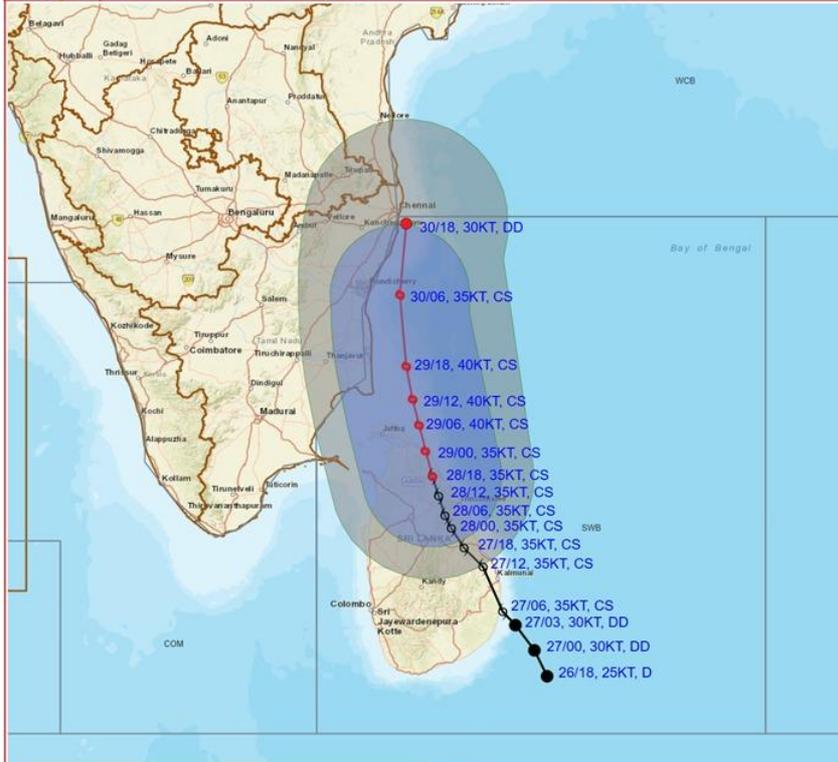


DATE/TIME IN UTC
 IST=UTC + 0530
 L: LOW PRESSURE AREA
 WML: WELL MARKED LOW PRESSURE AREA
 D: DEPRESSION (17-27 KT)
 DD: DEEP DEPRESSION (28-33 KT)
 CS: CYCLONIC STORM (34-47 KT)
 SCS: SEVERE CYCLONIC STORM (48-63KT)
 VSCS: VERY SEVERE CYCLONIC STORM (64-89 KT)
 ESCS: EXTREMELY SEVERE CYCLONIC STORM (90-119 KT)
 SuCS: SUPER CYCLONIC STORM (≥ 120 KT)

- LESS THAN 34 KT
- ⊙ 34-47 KT
- ⊙ ≥ 48 KT
- OBSERVED TRACK
- FORECAST TRACK
- ◀ CONE OF UNCERTAINTY



OBSERVED AND FORECAST TRACK ALONGWITH QUADRANT WIND DISTRIBUTION OF CYCLONIC STORM "DITWAH" OVER COASTAL SRI LANKA & ADJOINING SOUTHWEST BAY OF BENGAL BASED ON 1800 UTC (2330 Hrs. IST) OF 28th NOVEMBER 2025



DATE/TIME IN UTC
 IST=UTC + 0530
 L: LOW PRESSURE AREA
 WML: WELL MARKED LOW PRESSURE AREA
 D: DEPRESSION (17.27 KT)
 DD: DEEP DEPRESSION (28.33 KT)
 CS: CYCLONIC STORM (34.47 KT)
 SCS: SEVERE CYCLONIC STORM (48.63KT)
 VSCS: VERY SEVERE CYCLONIC STORM (64.89 KT)
 ESCS: EXTREMELY SEVERE CYCLONIC STORM (90.119 KT)
 SuCS: SUPER CYCLONIC STORM (≥ 120 KT)

● LESS THAN 34 KT
 ○ 34.47 KT
 ● ≥ 48 KT
 — OBSERVED TRACK
 — FORECAST TRACK
 ○ CONE OF UNCERTAINTY
 AREA OF MAXIMUM SUSTAINED WIND SPEED:
 ■ 28-33 KT (52-61 KMPH)
 ■ 34-49 KT (62-91 KMPH)
 ■ 50-63 KT (92-117 KMPH)
 ■ ≥ 64 KT (≥118 KMPH)

IMPACT OVER THE SEA

| MSW (knot/kmph) | Impact | Action |
|-----------------|------------------------|--|
| 28-33 (52-61) | Very rough seas | Total suspension of fishing operations |
| 34-49 (62-91) | High to very high seas | Total suspension of fishing operations |
| 50-63 (92-117) | Very high seas | Total suspension of fishing operations |
| ≥ 64 (≥118) | Phenomenal | Total suspension of fishing operations |

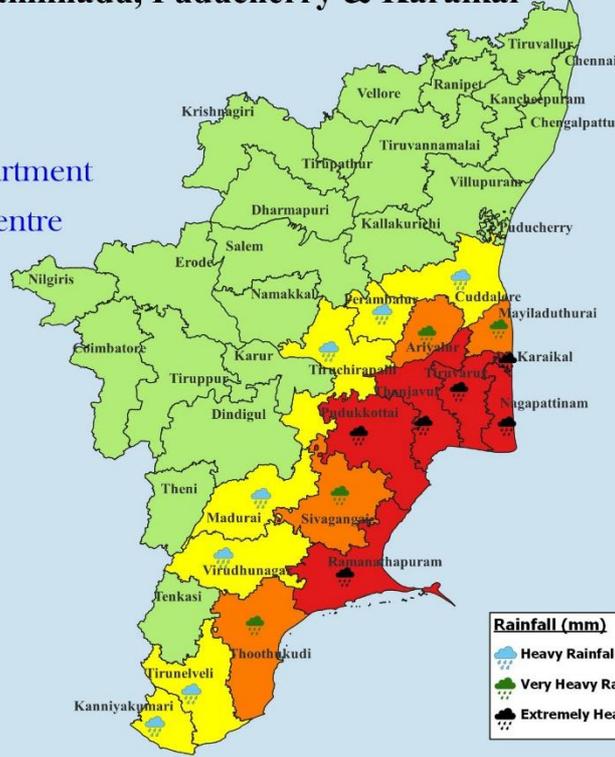


Heavy Rainfall Warnings dated 28/11/2025 for Tamilnadu, Puducherry & Karaikal



India Meteorological Department
Regional Meteorological Centre
Chennai

For Day 1: 28.11.2025

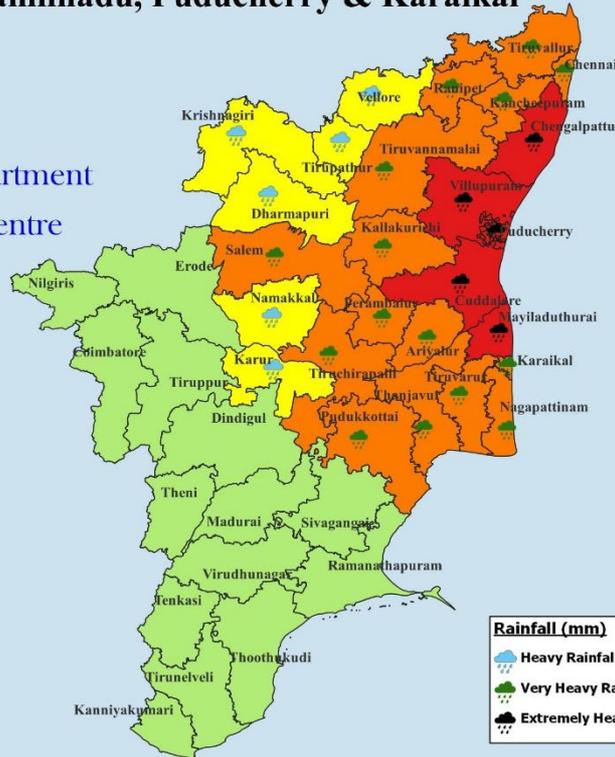


Heavy Rainfall Warnings dated 28/11/2025 for Tamilnadu, Puducherry & Karaikal



India Meteorological Department
Regional Meteorological Centre
Chennai

For Day 2: 29.11.2025



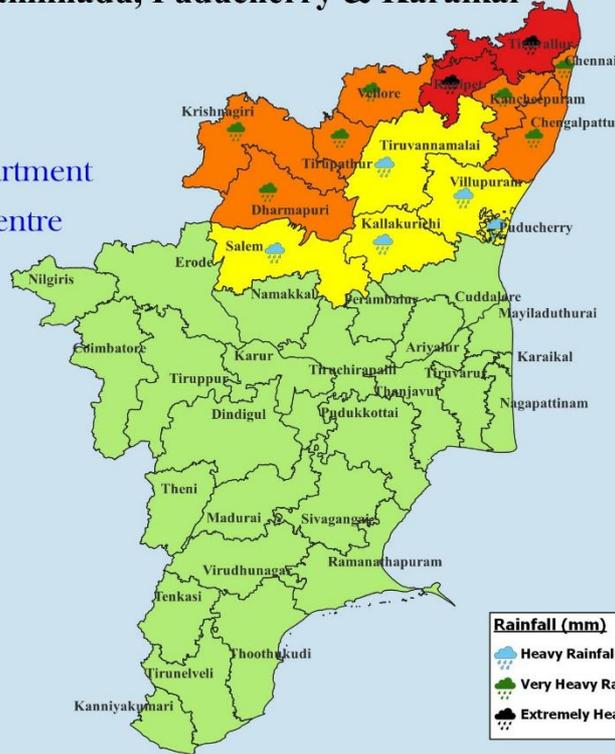


Heavy Rainfall Warnings dated 28/11/2025 for Tamilnadu, Puducherry & Karaikal



India Meteorological Department
Regional Meteorological Centre
Chennai

For Day 3: 30.11.2025



| 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 |

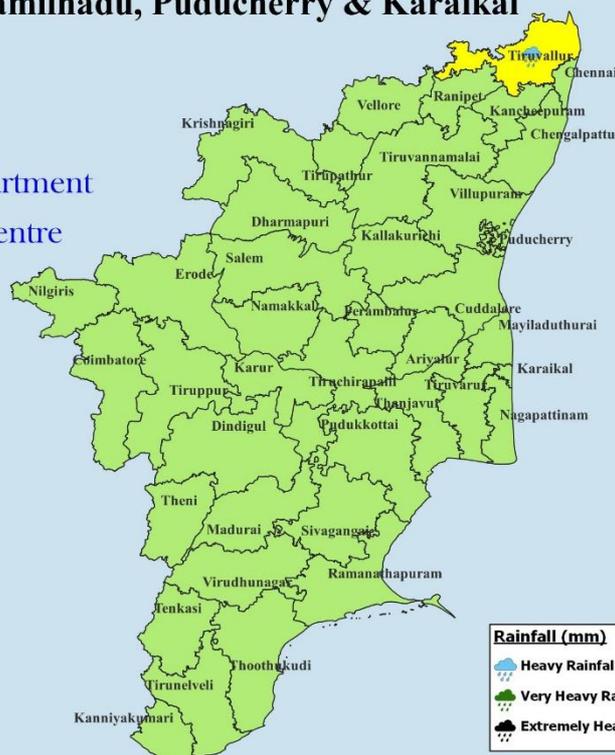


Heavy Rainfall Warnings dated 28/11/2025 for Tamilnadu, Puducherry & Karaikal



India Meteorological Department
Regional Meteorological Centre
Chennai

For Day 4: 01.12.2025



| 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 |

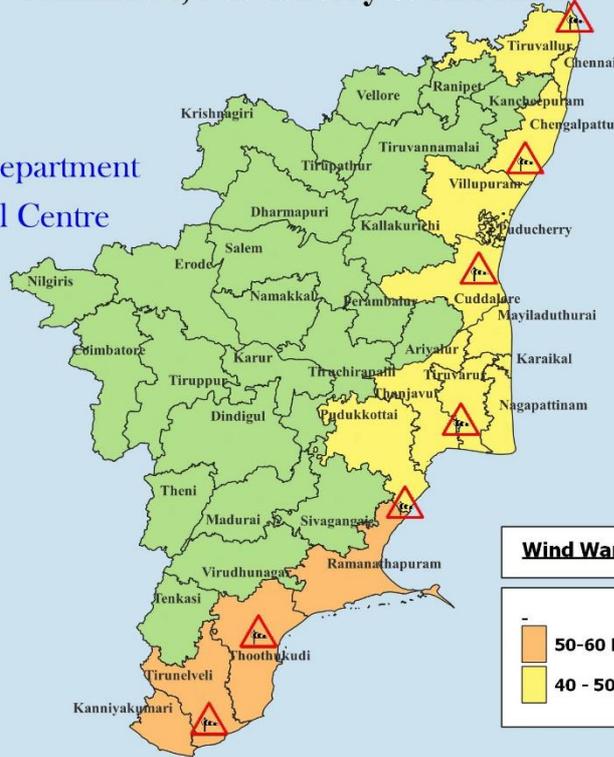


Wind Warnings dated 28/11/2025 for Tamilnadu, Puducherry & Karaikal



India Meteorological Department
Regional Meteorological Centre
Chennai

For Day 1: 28.11.2025



Wind Warning



- 50-60 kmph gusting to 70 kmph
- 40 - 50 kmph gusting to 60 kmph

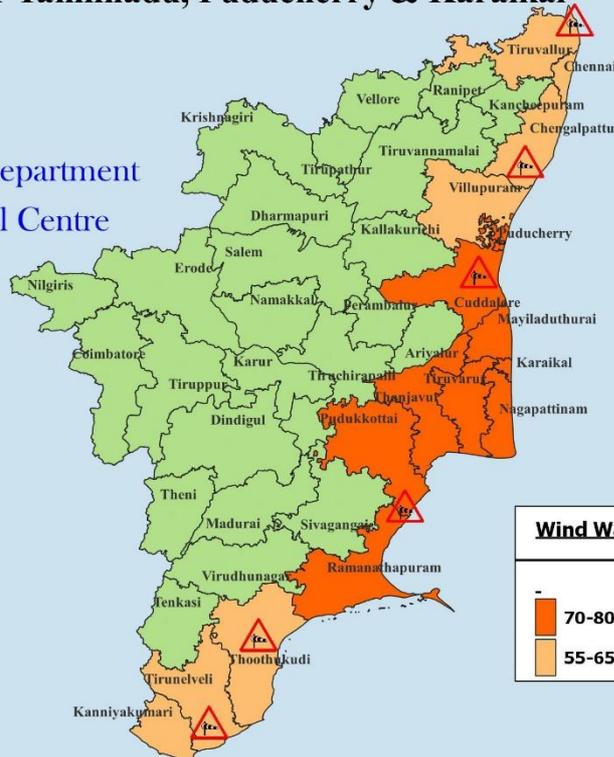


Wind Warnings dated 28/11/2025 for Tamilnadu, Puducherry & Karaikal



India Meteorological Department
Regional Meteorological Centre
Chennai

For Day 2: 29.11.2025



Wind Warning



- 70-80 kmph gusting to 90 kmph
- 55-65 kmph gusting to 75 kmph

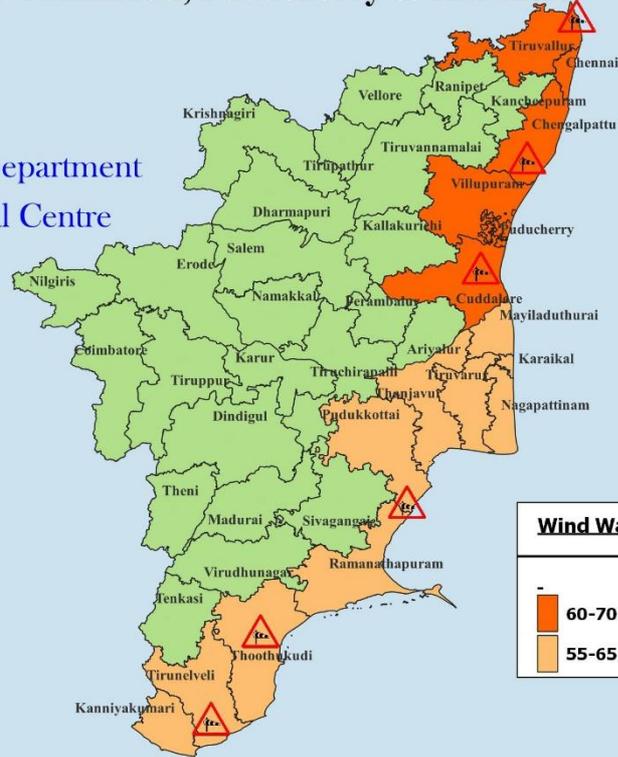


Wind Warnings dated 28/11/2025 for Tamilnadu, Puducherry & Karaikal



India Meteorological Department
Regional Meteorological Centre
Chennai

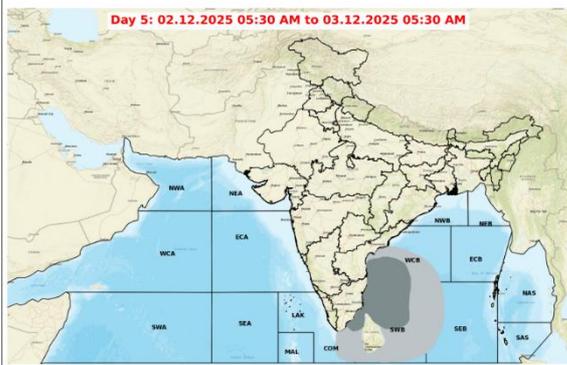
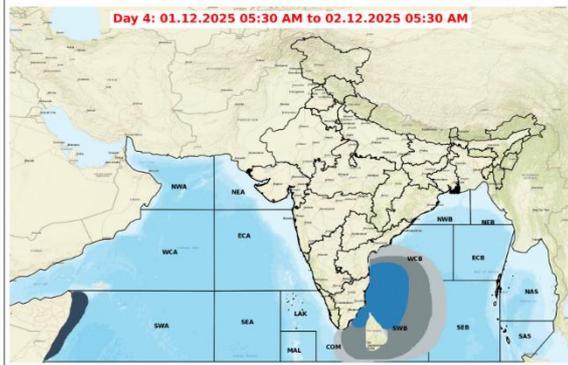
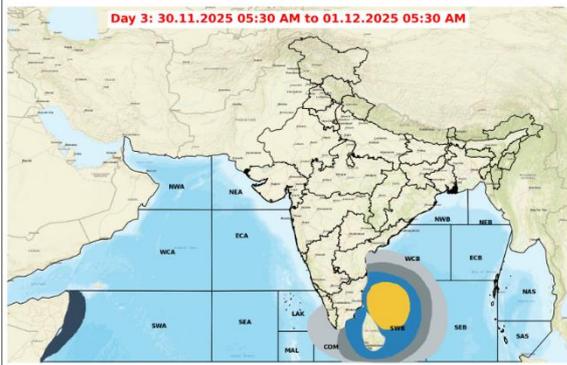
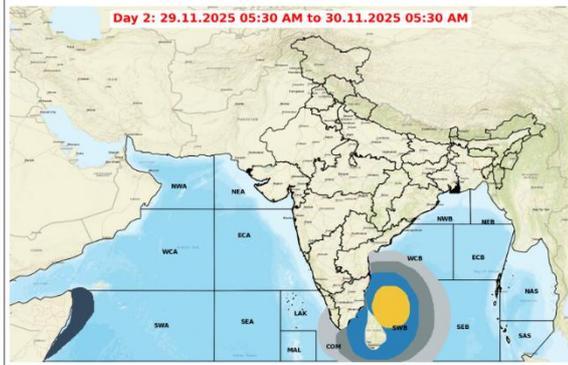
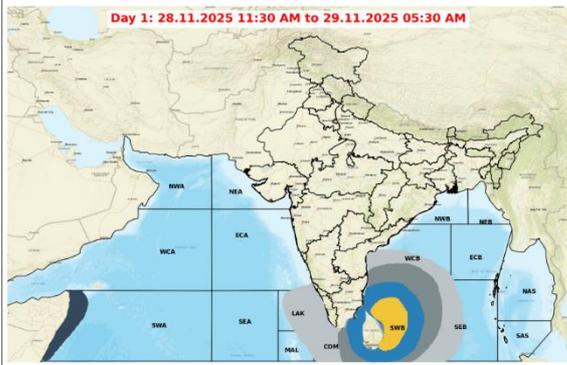
For Day 3: 30.11.2025



Wind Warning

| | |
|--|-------------------------------|
| | 60-70 kmph gusting to 80 kmph |
| | 55-65 kmph gusting to 75 kmph |

Fishermen Warning Graphics



Legend

- | | | | |
|--|---|--|---|
| | Squally Weather with wind speed 35-45 kmph gusting to 55 kmph | | Squally wind with speed 55-65 kmph gusting to 75 kmph |
| | Squally Weather with wind speed 40-50 kmph gusting to 60 kmph | | CS with Gale winds with speed 60-80 kmph gusting to 90 kmph |
| | Squally Weather with wind speed 45-55 kmph gusting to 65 kmph | | SCS with Gale wind speed 90-110 kmph gusting to 120 kmph |
| | Squally wind with speed 45-55 kmph gusting to 65 kmph | | VSCS with Gale wind speed 120-165 kmph gusting to 185 kmph |
| | Squally wind with speed 50-60 kmph gusting to 70 kmph | | ESCS with Gale wind speed 165-220 kmph gusting to 245 kmph |

Fishermen are advised not to venture into the marked areas.