Government of India
Ministry of Earth Sciences
India Meteorological Department

Press Release
Date: 28th November, 2025
Time of Issue: 1330 hours IST

Subject: The Cyclonic Storm Ditwah [Pronunciation: Ditwah] over coastal Sri Lanka and adjoining southwest Bay of Bengal. It is very likely to cause heavy to extremely heavy rainfall over Tamil Nadu & Puducherry during 28th -30th November and over Coastal Andhra Pradesh and Rayalaseema during 29th November-01st December

Realised weather during past 24 hours ending at 0830 hours IST of today, the 28th November, 2025:

- **Dense fog (visibility 50-199 m):** reported in isolated pockets of Himachal Pradesh and north interior Odisha.
- **Cold wave conditions** at isolated places over Odisha.

Weather Systems, Forecast and Warnings (refer to ANNEXURE I & II):

- Yesterday's Deep Depression over southwest Bay of Bengal and adjoining Sri Lanka coast moved north-northwestwards, intensified into the Cyclonic Storm Ditwah [Pronunciation: Ditwah] and lay centered at 1130 hrs IST of 27th November 2025 over the same region. It then moved north-northwestwards and lay centered at 0830 hrs IST of today, the 28th November 2025 over the same region, near latitude 8.3°N and longitude 81.0°E, about 40 km southwest of Trincomalee (Sri Lanka), 100 km northwest of Batticaloa (Sri Lanka), 320 km south-southeast of Karaikal (India), 430 km south-southeast of Puducherry (India) and 530 km south of Chennai (India). It is very likely to continue 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.
- Yesterday's Depression [Remnant of Cyclonic Storm "Senyar"] over the Strait of Malacca has weakened into a well-marked low-pressure area at 2330 hours IST of yesterday, the 27th November 2025 and moved away from the region at 0530 hours IST of today.
- A **Western disturbance** as an **upper air cyclonic circulation** lies over north Pakistan & neighbourhood in the lower and middle tropospheric levels.
- An induced **cyclonic circulation** lies over southwest Rajasthan in the lower tropospheric level.

Under the influence of these systems, the following weather is likely:

- **Under the influence of The Cyclonic Storm Ditwah over coastal Sri Lanka and adjoining southwest Bay of Bengal,** heavy rainfall likely over Tamil Nadu during 28th November -01st December with isolated extremely heavy falls over coastal Tamil Nadu during 28th -30th November; isolated heavy to very heavy rainfall likely over Coastal Andhra Pradesh & Yanam and Rayalaseema during 29th November-1st December with isolated extremely heavy falls over south Coastal Andhra Pradesh and coastal Rayalaseema on 30th November; isolated heavy rainfall likely over Kerala & Mahe on 28th and 29th November; over South Interior Karnataka on 29th & 30th and Telangana on 30th November, 2025.
- **Thunderstorm with lightning** very likely over Tamil Nadu during 28th November-01st December; over Kerala & Mahe during 28th-29th; Coastal Andhra Pradesh & Yanam and Rayalaseema during 28th November – 02nd December; North interior Karnataka on 30th & South Interior Karnataka on 29th & 30th November and over Andaman & Nicobar Islands with **gusty wind speeds reaching 30-40 kmph on 28th November.**

Temperature Conditions during past 24 hours till 0830 hours IST of today:

- **Minimum temperatures** are in the range of **less than 6°C** at many places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad; over few places of Himachal Pradesh and Uttarakhand; in the **range of 6-10°C** at many places over Punjab, Haryana Chandigarh & Delhi and West Uttar Pradesh; and isolated places over north Rajasthan East Uttar Pradesh and East Madhya Pradesh. **The lowest minimum temperature of 6.5°C is reported at Nowgong (East Madhya Pradesh) over the plains of India.**
- **Minimum Temperature were** below normal (-1.6°C to -3.0°C) at many places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Odisha and Chhattisgarh; at few places over East Madhya Pradesh; at isolated places over Punjab, Haryana, Uttar Pradesh and Jharkhand **(refer to ANNEXURE IV)**

Forecast of minimum temperatures:

- No large change in minimum temperature likely over Northwest India for the next 48 hours and thereafter gradual fall in minimum temperature likely by 2-4 ^{0}C.
- No large change in minimum temperature likely over Central India for the next 48 hours and thereafter gradual rise in minimum temperature likely by 2-3 ^{0}C.
- No large change in minimum temperature for next 4 days over East India and thereafter fall in minimum temperature likely by 2-3 ^{0}C.
- Rise in minimum temperature likely over Maharashtra by 2-3 ^{0}C for the next 3 days and thereafter no large change in minimum temperature. No large change in minimum temperature for 48 hours over Gujarat and thereafter rise in minimum temperature by 3-4 ^{0}C.
- No significant change in the minimum temperature likely over Northeast India during next 5 days.

Dense Fog & Cold wave warning Warnings:

- **Dense fog conditions** very likely to prevail during early morning hours in isolated pockets of Himachal Pradesh during 29th November -1st December and over Haryana Chandigarh & Delhi on 29th & 30th; over East Rajasthan on 30th November -1st December, 2025.
- **Cold wave conditions** very likely to prevail in isolated pockets of Rajasthan on 03nd -05th December, 2025.

Wind Warning, Sea Condition, Fisherman Warning:

Wind Warning

(a) Southwest Bay of Bengal, Gulf of Mannar, Comorin area and along & off Sri Lanka coasts

Gale wind speed reaching 65-75 gusting to 85 kmph is prevailing. It would increase becoming 70-80 kmph gusting to 90 kmph from night of 28th till 30th November morning. Thereafter it is likely to decrease gradually becoming squally wind speed reaching 50-60 gusting to 75 kmph by morning of 1st December.

(b) Along & off north Tamil Nadu & Puducherry Coasts

Squally wind speed reaching 50-60 gusting to 70 kmph is prevailing. It is likely to increase becoming Gale wind speed reaching 60-70 gusting to 80 kmph is likely to prevail from evening of 28th November, 70-80 kmph gusting to 90 kmph by 29th morning till 30th morning. Thereafter it is likely to decrease gradually becoming squally wind speed reaching 55-65 gusting to 75 kmph by 1st December morning.

(c) Along & off south Tamil Nadu coast

Squally wind speed reaching 55-65 gusting to 75 kmph is prevailing. It is likely to increase becoming Gale wind speed reaching 60-70 gusting to 80 kmph is likely to prevail along & off south Tamil Nadu from evening of 28th till 30th November midnight.

(d) 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 28th evening 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 50-60 kmph gusting to 70 kmph on 01st December morning and 45-55 kmph gusting to 65kmph by evening of 1st December.

(e) 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 during 28th-29th November.

Sea Condition:

(a) Southwest Bay of Bengal, Gulf of Mannar, Comorin area and along & off Sri Lanka coasts

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.

(b) Along & off north Tamil Nadu & Puducherry Coasts
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.

(c) Along & off south Tamil Nadu coast
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.

(d) Adjoining Westcentral Bay of Bengal and along & off south Andhra Pradesh coast:
Moderate to rough sea conditions are prevailing and likely to become rough to very rough from 28th evening and high from 29th evening till 30th November. Thereafter, it is likely to improve gradually on 01st December morning.

(e) Adjoining areas of Southeast Arabian Sea, Lakshadweep, Maldives and along & off Kerala coast:
Rough to very rough sea conditions are likely during 28th-29th November.

Storm Surge Warning:
Storm surge of height about 1.0 to 1.5 m above the astronomical tide is likely to inundate the low-lying coastal areas of north Sri Lanka till 29th evening.

Fishermen Warning:
(a) Total suspension of fishing operations in coastal areas of Sri Lanka, Tamil Nadu, Puducherry and south Andhra Pradesh coasts till 01st December.
(b) **Fishermen are advised not to venture into**
(i) Southwest Bay of Bengal, Gulf of Mannar, Comorin area and along & off Tamil Nadu, Puducherry & Sri Lanka coasts till 01st December.
(ii) Adjoining areas of westcentral Bay of Bengal and along & off Andhra Pradesh coast till 1st December.
(iii) Adjoining areas of Southeast Arabian Sea, Lakshadweep, Maldives and along & off Kerala coast till 30th November.
(c) Those out at sea should avoid southwest Bay of Bengal, Gulf of Mannar, Comorin area and along & off Tamil Nadu, Puducherry, south Andhra Pradesh & Sri Lanka coasts; adjoining westcentral Bay of Bengal till 01st December and Southeast Arabian Sea, Lakshadweep, Maldives and along & off Kerala coast till 30th November.

ii) Weather conditions and forecast over Delhi/NCR during 28th November-01st December, 2025 (ANNEXURE III)

For more details, kindly refer National Weather Bulletin:
https://mausam.imd.gov.in/responsive/all_india_forcast_bulletin.php
For District wise warnings refer: https://mausam.imd.gov.in/responsive/districtWiseWarningGIS.php
For Fishermen warning refer https://rsmcnewdelhi.imd.gov.in/fishermen-warning.php

Significant rainfall recorded (in cm) (from 0830 hours IST of yesterday to 0830 hours IST of today):

Tamil Nadu, Puducherry & Karaikal: Tamil Nadu, Puducherry & Karaikal: Ramanathapuram (dist Ramanathapuram) 3; Thangachimadam (dist Ramanathapuram) 2; Pamban (dist Ramanathapuram), Rameswaram (dist Ramanathapuram), Mandapam (dist Ramanathapuram), Valinokam (dist Ramanathapuram), Theerthandathanam (dist Ramanathapuram) 1 Each; East Rajasthan: Nasirabad (dist Ajmer) 1.

Visibility reported (≤200 m) (in meter):

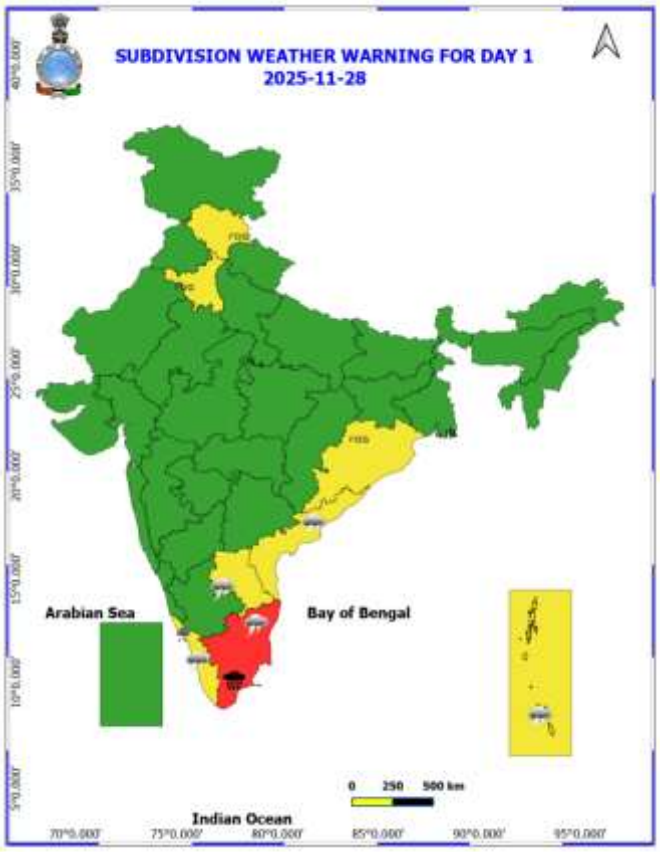
- **Himachal Pradesh:** Mandi & Bilaspur-100m
- **Odisha:** Phulbani-120m

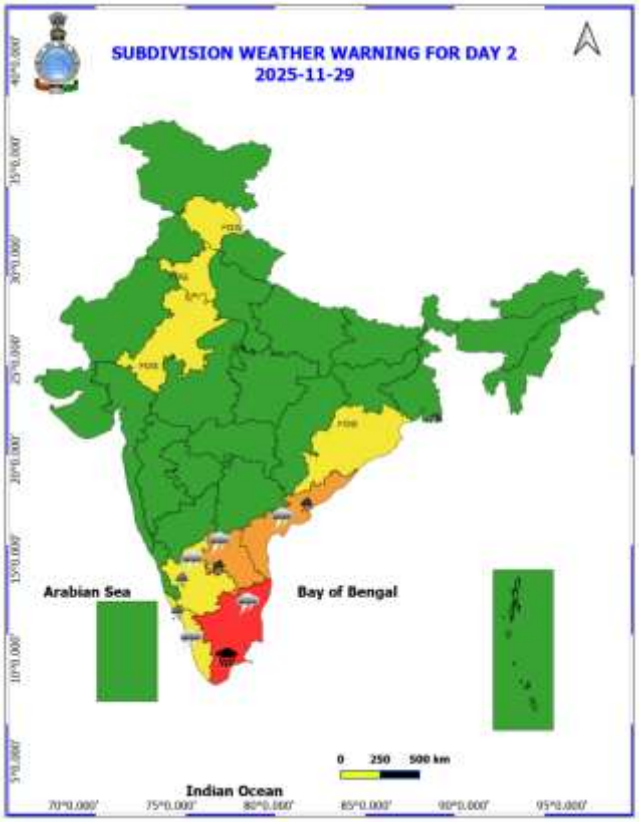
ANNEXURE I

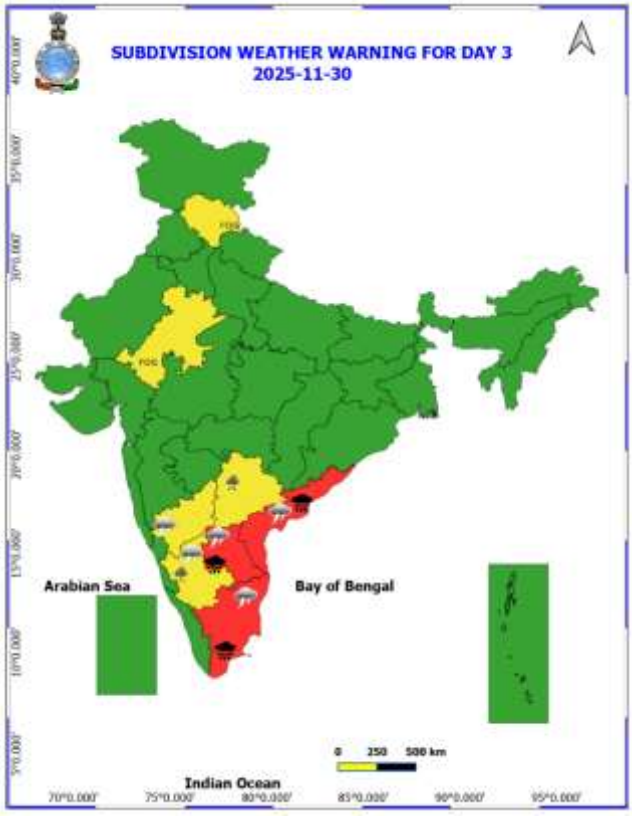
Table-1								
7 Days Rainfall Forecast								
S.No.	Subdivision	28- Nov	29- Nov	30- Nov	1- Dec	2- Dec	3- Dec	4- Dec
		Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
1	ANDAMAN & NICOBAR ISLANDS	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
2	ARUNACHAL PRADESH	DRY	DRY	DRY	DRY	DRY	DRY	DRY
3	ASSAM & MEHGHALAYA	DRY	DRY	DRY	DRY	DRY	DRY	DRY
4	NAGALAND, MANIPUR, MIZORAM AND TRIPURA	DRY	DRY	DRY	DRY	DRY	DRY	DRY
5	SUB HIMALAYAN WEST BENGAL & SIKKIM	DRY	DRY	DRY	DRY	ISOL	ISOL	DRY
6	GANGETIC WEST BENGAL	DRY	DRY	DRY	DRY	DRY	DRY	DRY
7	ODISHA	DRY	DRY	DRY	ISOL	ISOL	DRY	DRY
8	JHARKHAND	DRY	DRY	DRY	DRY	DRY	DRY	DRY
9	BIHAR	DRY	DRY	DRY	DRY	DRY	DRY	DRY
10	EAST UTTAR PRADESH	DRY	DRY	DRY	DRY	DRY	DRY	DRY
11	WEST UTTAR PRADESH	DRY	DRY	DRY	DRY	DRY	DRY	DRY
12	UTTARAKHAND	DRY	DRY	DRY	DRY	DRY	DRY	DRY
13	HARYANA, CHANDIGARH & DELHI	DRY	DRY	DRY	DRY	DRY	DRY	DRY
14	PUNJAB	DRY	DRY	DRY	DRY	DRY	DRY	DRY
15	HIMACHAL PRADESH	DRY	DRY	DRY	DRY	DRY	DRY	DRY
16	JAMMU AND KASHMIR AND LADAKH	DRY	DRY	DRY	DRY	DRY	DRY	DRY
17	WEST RAJASTHAN	DRY	DRY	DRY	DRY	DRY	DRY	DRY
18	EAST RAJASTHAN	ISOL	DRY	DRY	DRY	DRY	DRY	DRY
19	WEST MADHYA PRADESH	DRY	DRY	DRY	DRY	DRY	DRY	DRY
20	EAST MADHYA PRADESH	DRY	DRY	DRY	DRY	DRY	DRY	DRY
21	GUJRAT REGION	DRY	DRY	DRY	DRY	DRY	DRY	DRY
22	SAURASHTRA & KUTCH	DRY	DRY	DRY	DRY	DRY	DRY	DRY
23	KONKAN & GOA	DRY	DRY	DRY	DRY	DRY	DRY	DRY
24	MADHYA MAHARASHTRA	DRY	DRY	DRY	DRY	DRY	DRY	DRY
25	MARATHWADA	DRY	DRY	DRY	DRY	DRY	DRY	DRY
26	VIDARBHA	DRY	DRY	ISOL	ISOL	DRY	DRY	DRY
27	CHHATTISGARH	DRY	DRY	ISOL	ISOL	ISOL	DRY	DRY
28	COASTAL ANDHRA PRADESH	ISOL	SCT	FWS	WS	SCT	SCT	ISOL
29	TELANGANA	DRY	ISOL	SCT	ISOL	DRY	DRY	ISOL
30	RAYALASEEMA	ISOL	SCT	WS	WS	SCT	SCT	ISOL
31	TAMILNADU & PUDUCHERRY	FWS	FWS	SCT	ISOL	ISOL	ISOL	ISOL
32	COSTAL KARNATAKA	DRY	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
33	NORTH INTERIOR KARNATAKA	DRY	ISOL	ISOL	DRY	DRY	DRY	DRY
34	SOUTH INTERIOR KARNATAKA	DRY	SCT	SCT	ISOL	ISOL	ISOL	ISOL
35	KERALA AND MAHE	SCT	SCT	SCT	SCT	SCT	SCT	SCT
36	LAKSHADWEEP	SCT	SCT	SCT	SCT	SCT	SCT	SCT

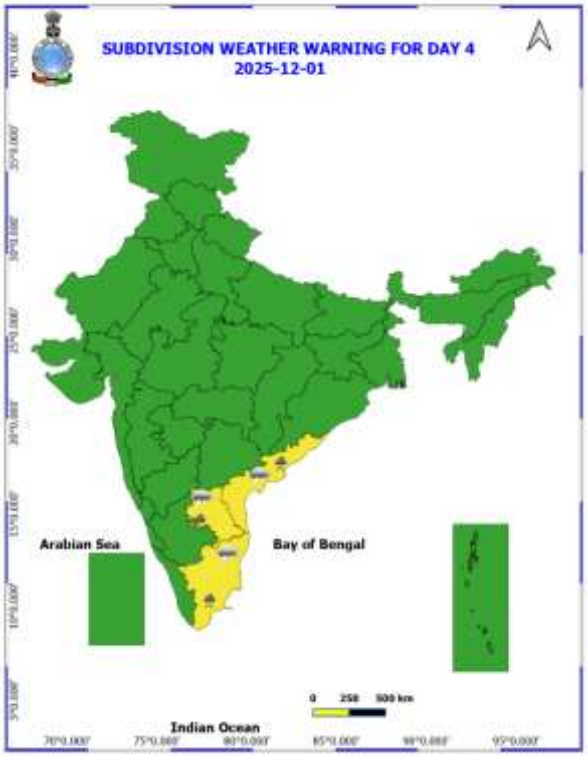
- **As the lead period increases forecast accuracy decrease.**

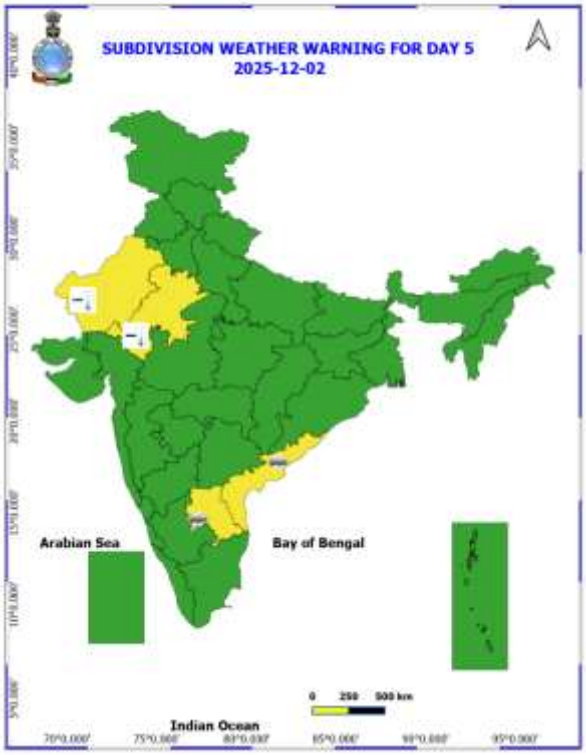
ANNEXURE II

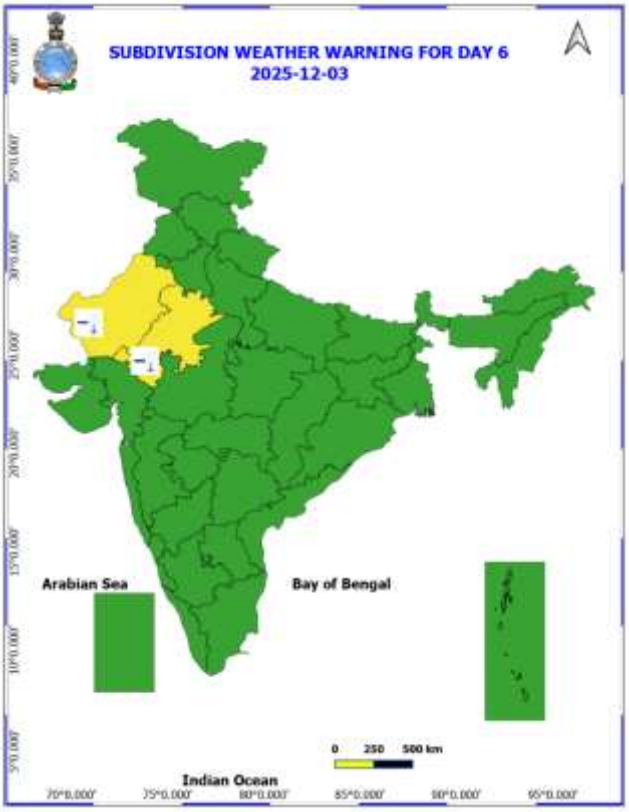

SUBDIVISION WEATHER WARNING FOR DAY 1
2025-11-28
Arabian Sea
Bay of Bengal
Indian Ocean
0 250 500 km

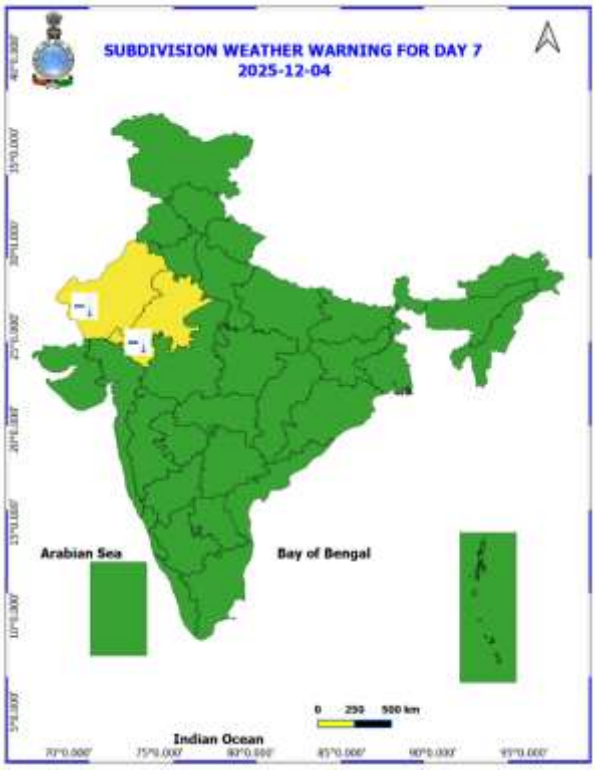

SUBDIVISION WEATHER WARNING FOR DAY 2
2025-11-29
Arabian Sea
Bay of Bengal
Indian Ocean
0 250 500 km


SUBDIVISION WEATHER WARNING FOR DAY 3
2025-11-30
Arabian Sea
Bay of Bengal
Indian Ocean
0 250 500 km









- **Action may be taken based on ORANGE AND REDCOLOUR warnings.**
- **Vulnerable regions likely urban and hilly areas action may be initiated for heavy rainfall warning.**
- **As the lead period increases forecast accuracy decreases.**

DetaileddistrictwiseMultiHazardweatherwarningfornextfivedaysavailableat
https://mausam.imd.gov.in/responsive/districtWiseWarningGIS.php

ANNEXURE III

Weather forecast over Delhi/NCR during 28th November-01st December 2025

Past Weather:

No significant change in maximum temperatures and minimum temperatures during the past 24 hours over Delhi. Shallow fog occurred at isolated places over Delhi. The maximum and minimum temperatures over Delhi were around 23 to 26 °C and 08 to 10°C, respectively. The minimum temperatures are appreciably below normal (-3.1 to -5.0 °C) at a few places and below normal (-1.6 to -3.0) at isolated places and normal (-1.5 to 1.5) over the remaining parts of Delhi. The maximum temperatures were below normal (-1.6 to -3.0 °C) at isolated places and normal (-1.5 to 1.5°C) at many places over Delhi. Smoke was reported at Safdarjung and Palam Airports. Safdarjung airport recorded the lowest visibility of 500m from 0730 Hrs IST to 0800 Hrs IST on 28.11.2025, which thereafter improved, becoming 600m at 0800 Hrs IST. Palam airport recorded the lowest visibility of 600m from 0830 Hrs IST to 0900 Hrs IST on 28.11.2025, which thereafter improved, becoming 700m at 0930 Hrs IST. Mainly clear sky conditions with predominant surface wind from the northeast direction, with a wind speed up to 09 kmph, prevailed during the past 24 hours. Mainly clear sky conditions with wind from the southwest direction with a wind speed up to 09 kmph in early morning hours, gradually increasing up to 10 kmph from the northwest direction prevailed over the region in the forenoon today.

Weather Forecast:

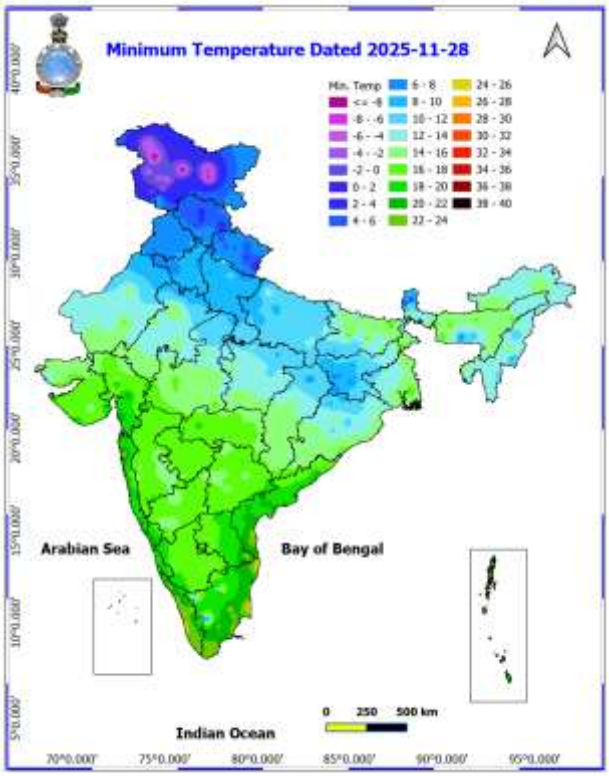
28.11.2025: Partly cloudy sky. Mist/Haze during the night. The maximum temperatures are likely to be in the range of 24 to 26°C. The maximum temperatures will be near normal over Delhi. The predominant surface wind is likely to be from the northwest direction, with wind speeds up to 10 kmph during the afternoon hours. The wind speed will decrease up to 05 kmph from the northwest direction during the evening and night.

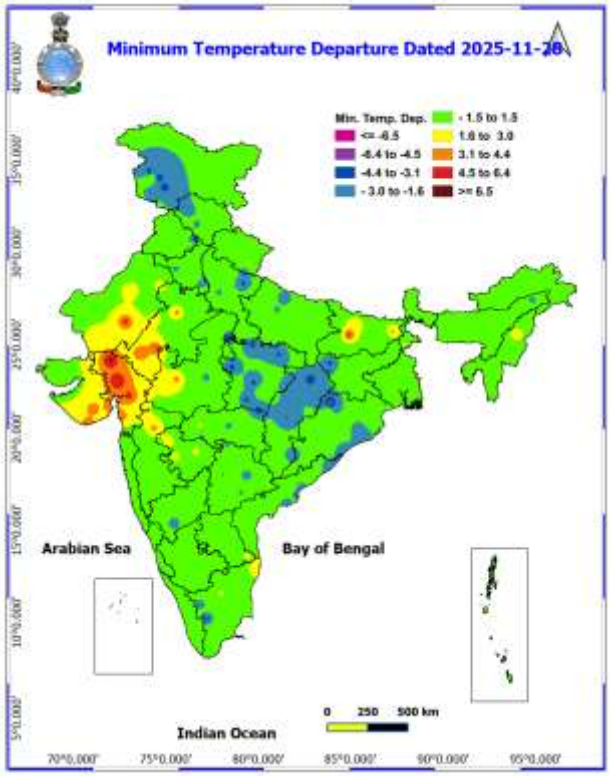
29.11.2025: Mainly clear sky. shallow fog at most places with moderate fog at isolated places during morning hours. The maximum and minimum temperatures over Delhi are likely to be in the range of 25 to 27°C and 10 to 12°C respectively. The minimum temperatures will be near normal, and the maximum temperatures will be near normal over Delhi. The predominant surface wind is likely to be from the west direction with calm wind gradually increasing to up to 05 kmph during morning hours. The wind speed will increase, becoming less than 15 kmph from the northwest direction in the afternoon. The wind speed will decrease, becoming less than 10 kmph from the northwest direction during the evening and night.

30.11.2025: Partly cloudy sky. Shallow fog during morning hours. The maximum and minimum temperatures over Delhi are likely to be in the range of 24 to 26°C and 10 to 12°C respectively. The minimum temperatures will be near normal, and the maximum temperatures will be near normal over Delhi. The predominant surface wind is likely to be from the west-northwest direction with wind speed up to 05 kmph during morning hours. The wind speed will increase up to 15 kmph from the northwest direction in the afternoon. The wind speed will be less than 10 kmph from the northwest direction during the evening and night.

01.12.2025: Mainly clear sky. shallow to moderate fog during morning hours. The maximum and minimum temperatures over Delhi are likely to be in the ranges of 23 °C to 25 °C and 8 °C to 10 °C, respectively. The minimum temperatures will be below normal (-0.3 to -2.3 °C), and the maximum temperature will be below normal (-1.0 to -3.0 °C) over Delhi. The predominant surface wind is likely to be from the west-northwest direction, with wind speeds of up to 10 kmph during the morning hours. The wind speed will increase up to 15 kmph from the northwest direction in the afternoon. The predominant surface wind is likely to be from the northwest direction with wind speed up to 05 kmph during the evening and night.

ANNEXURE IV





Impact & Action Suggested due to

Heavy rainfall likely over Tamil Nadu during 28th November -01st December with isolated extremely heavy falls over coastal Tamil Nadu during 28th -30th November; isolated heavy to very heavy rainfall likely over Coastal Andhra Pradesh & Yanam and Rayalaseema during 29th November-1st December with isolated extremely heavy falls over south Coastal Andhra Pradesh and coastal Rayalaseema on 30th November; isolated heavy rainfall likely over Kerala & Mahe on 28th and 29th November; over South Interior Karnataka on 29th & 30th and Telangana on 30th November, 2025.

Impact Expected

- Localized Flooding of roads, water logging in low lying areas and closure of underpasses mainly in urban areas of the above region.
- Occasional reduction in visibility due to heavy rainfall.
- Disruption of traffic in major cities due to water logging in roads leading to increased travel time.
- Minor damage to kutcha roads.
- Possibilities of damage to vulnerable structure.
- Localized Landslides/Mudslides/landslips/mudslips/landsinks/mudsinks.
- Damage to horticulture and standing crops in some areas due to inundation.
- It may lead to riverine flooding in some river catchments (for riverine flooding please visit Web page of CWC)

Action Suggested

- Check for traffic congestion on your route before leaving for your destination.
- Follow any traffic advisories that are issued in this regard.
- Avoid going to areas that face the water logging problems often.

- Avoid staying in vulnerable structure.

Agromet advisories for likely impact of Heavy Rainfall

Agromet advisories for likely impact of Heavy / Heavy to Very Heavy Rainfall

- In **Tamil Nadu**, drain out excess rain water from the fields of rice, groundnut, sugarcane, cotton, black gram, maize and vegetables and plantations of coconut, banana, areca nut, mango, rubber, cinnamon and black pepper. Strengthen irrigation channels and field bunds in rice to avoid crop lodging. Provide support to banana plants with wooden poles to prevent them from falling.
- In **Kerala,** drain out excess rain water from the fields of rice, vegetables and plantations of banana, coconut, cardamom and black pepper. Carry out propping in banana to prevent their falling due to heavy rainfall. Undertake staking for vegetables grown in pandals.
- In **Andhra Pradesh**, harvest the matured rice immediately and shift the harvested produce to safer places. Ensure drainage facilities in the fields of maize, green gram, black gram, horse gram and groundnut.

Livestock / Fishery

- Keep the animals inside the shed during heavy rainfall and provide them balanced feed.
- Store feed and fodder in a safe place to prevent spoilage.
- Construct an outlet with proper netting around the ponds to drain out excess water, thereby preventing fish from escaping in case of overflow.

Agromet advisories for likely impact of Thunderstorm / Gusty Winds

- Provide mechanical support to horticultural crops and staking or support to vegetables and young fruit plants / fruit-bearing plants to avoid lodging due to strong winds.

Legends & abbreviations:

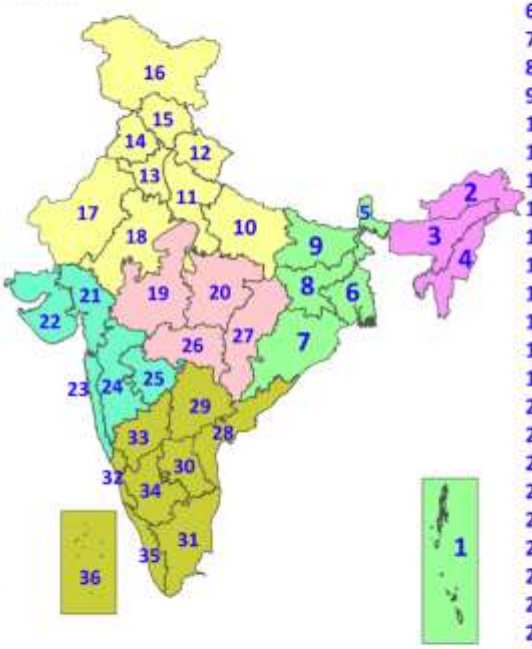
- **Heavy Rain:**64.5-115.5mm; **Very Heavy Rain:**115.6-204.4mm; **Extremely Heavy Rain:** >204.4mm.
- **Obsy:** Observatory; Automatic Weather Station; **ARG:** Automatic Rain Gauge; **dist:** District: **NH:** National Highway; **KVK**: Krishi Vigyan Kendra; **DVC:** Damodar Valley Corporation; **PTO**: Part Time Office, **Aero:** Aerodrome, **IAF:** Indian Air Force.
- **Region wise classification of meteorological Sub-Divisions:**
  - **Northwest India:** Western Himalayan Region (Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh and Uttarakhand); Punjab, Haryana-Chandigarh-Delhi; West Uttar Pradesh, East Uttar Pradesh, West Rajasthan and East Rajasthan.
  - **Central India:** West Madhya Pradesh, East Madhya Pradesh, Vidarbha and Chhattisgarh.
  - **East India:** Bihar, Jharkhand, Sub-Himalayan West Bengal & Sikkim; Gangetic West Bengal, Odisha and Andaman & Nicobar Islands.
  - **Northeast India:** Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.
  - **West India:** Gujarat Region, Saurashtra & Kutch, Konkan & Goa, Madhya Maharashtra and Marathawada.
  - **South India:** Coastal Andhra Pradesh & Yanam, Telangana, Rayalaseema, Coastal Karnataka, North Interior Karnataka, South Interior Karnataka, Kerala & Mahe, Tamil Nadu, Puducherry & Karaikal and Lakshadweep.

राष्ट्रीय मौसम पूर्वानुमान केन्द्र
भारत मौसम विज्ञान विभाग
पृथ्वी विज्ञान मंत्रालय

National Weather Forecasting Centre
India Meteorological Department
Ministry of Earth Sciences

LEGENDS

1. अंडमान और निकोबार द्वीपसमूह
2. अरुणाचल प्रदेश
3. असम और मेघालय
4. नागालैंड, मणिपुर, मिजोरम और त्रिपुरा
5. उप-हिमालयी पश्चिम बंगाल और सिक्किम
6. गंगीय पश्चिम बंगाल
7. ओडिशा
8. झारखंड
9. बिहार
10. पूर्वी उत्तर प्रदेश
11. पश्चिम उत्तर प्रदेश
12. उत्तराखंड
13. हरियाणा, चंडीगढ़ और दिल्ली
14. पंजाब
15. हिमाचल प्रदेश
16. जम्मू और कश्मीर और लद्दाख
17. पश्चिम राजस्थान
18. पूर्वी राजस्थान
19. पश्चिम मध्य प्रदेश
20. पूर्वी मध्य प्रदेश
21. गुजरात
22. सौराष्ट्र
23. कोंकण और गोवा
24. मध्य महाराष्ट्र
25. मराठवाड़ा
26. विदर्भ
27. छत्तीसगढ़
28. तटीय आंध्र प्रदेश और यनम
29. तेलंगाना
30. रायलसीमा
31. तमिलनाडु, पुडुचेरी और कराईकल
32. तटीय कर्नाटक
33. आंतरिक उत्तरी कर्नाटक
34. आंतरिक दक्षिणी कर्नाटक
35. केरल और माहे
36. लक्षद्वीप



1. Andaman & Nicobar Islands
2. Arunachal Pradesh
3. Assam & Meghalaya
4. Nagaland, Manipur, Mizoram & Tripura
5. Sub-Himalayan West Bengal & Sikkim
6. Gangetic West Bengal
7. Odisha
8. Jharkhand
9. Bihar
10. East Uttar Pradesh
11. West Uttar Pradesh
12. Uttarakhand
13. Haryana, Chandigarh & Delhi
14. Punjab
15. Himachal Pradesh
16. Jammu & Kashmir and Ladakh
17. West Rajasthan
18. East Rajasthan
19. West Madhya Pradesh
20. East Madhya Pradesh
21. Gujarat
22. Saurashtra
23. Konkan & Goa
24. Madhya Maharashtra
25. Marathwada
26. Vidarbha
27. Chhattisgarh
28. Coastal Andhra Pradesh & Yanam
29. Telangana
30. Rayalaseema
31. Tamilnadu, Puducherry & Karaikal
32. Coastal Karnataka
33. North Interior Karnataka
34. South Interior Karnataka
35. Kerala & Mahe
36. Lakshadweep

SPATIAL DISTRIBUTION (% of Stations reporting)

% Stations	Category	% Stations	Category
76-100	Widespread (WS/Most Places)	26-50	Scattered (SCT/A Few Places)
51-75	Fairly Widespread (FWS/Many Places)	1-25	Isolated (ISOL)

Fog
Heavy Rain
Very Heavy Rain
Extremely Heavy Rain
Thunder & Lightning
Hailstorm
Dust Raising Winds

Heavy Snow
Dust Storm
Heat Wave
Warm Night
Hot Day
Hot & Humid
Strong Surface Winds

Cold Wave
Cold Day
Ground Frost

COLOUR CODED WARNING

- No Warning (No Action)
- Watch (Be Aware)
- Alert (Be Prepared To Take Action)
- Warning (Take Action)

Probabilistic Forecast

Terms	Probability of Occurrence (%)
Unlikely	< 25
Likely	25 - 50
Very Likely	50 - 75
Most Likely	> 75

* Red colour warning does not mean "Red Alert", Red colour warning means "Take Action".
Forecast and Warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day.
For more details, kindly visit https://mausam.imd.gov.in or contact: 011-2434-4599
(Service to the Nation since 1875)

DEFINITION/CRITERIA

Rain/ Snow *	**Heavy:** 64.5 to 115.5 mm/cm * **Very Heavy:** 115.6 to 204.4 mm/cm* **Extremely Heavy:** > 204.4 mm/cm *
Heat Wave	**When maximum temperature of a station reaches ≥40° C for plains and ≥30° C for hilly regions** **(a) Based on Departure from normal** **Heat Wave:** Maximum Temperature Departure from normal 4.5° C to 6.4° C. **Severe Heat Wave:** Maximum Temperature Departure from normal ≥6.5° C **(b). Based on Actual maximum temperature** **Heat Wave:** When actual maximum temperature ≥45°C. **Severe Heat Wave:** When actual maximum temperature ≥47°C **(c). Criteria for heat wave for coastal stations** When maximum temperature departure is >4.5°C from normal. Heat Wave may be described provided maximum temperature ≥37°C
Warm Night	**When maximum temperature remains 40°C** **Warm Night:** When minimum temperature departure 4.5 °C to 6.4 °C. **Severe Warm Night:** When minimum temperature departure >6.4 °C.
Cold Wave	**When minimum temperature of a station ≤10°C for plains and ≤0°C for hilly regions.** **(a). Based on departure** **Cold Wave:** Minimum Temperature Departure from normal -4.5 °C to -6.4 °C. **Severe Cold Wave:** Minimum Temperature Departure from normal ≤ -6.5 °C **(b) Based on actual Minimum Temperature (for Plains only)** **Cold Wave :** When Minimum Temperature is ≤ 4.0 °C **Severe Cold Wave:** When Minimum Temperature is ≤ 2.0 °C **(c) For Coastal Stations** When Minimum Temperature departure is ≤-4.5 °C & actual Minimum Temperature is ≤ 15 °C
Cold Day	**When minimum temperature of a station ≤10°C for plains and ≤0°C for hilly regions** **Based on departure** **Cold Day:** Maximum Temperature Departure from normal -4.5 °C to -6.4 °C. **Severe Cold Day:** Maximum Temperature Departure from normal ≤ -6.5 °C
Fog	**Phenomenon of small droplets suspended in air and the horizontal visibility < 1km** **Moderate Fog:** When the visibility between 500-200 metres **Dense Fog:** when the visibility between 50- 200 metres **Very Dense Fog:** when the visibility < 50 metres
Thunderstorm	**Sudden electrical discharges manifested by a flash of light (Lightning) and a sharp rumbling sound (thunder)**
Dust/Sand Storm	**An ensemble of particles of dust or sand energetically lifted to great heights by a strong and turbulent wind.**
Frost	**Ice deposits on ground** Air temperature ≤4°C (over Plains)
Squall	**A strong wind that rises suddenly, lasts for atleast 1 minute.** **Moderate**: Wind speed 52-61 kmph **Severe**: Wind speed 62-87 kmph **Very Severe**: Wind speed >87 kmph
Sea State	**Effect of various waves in the sea over specific area** **Rough to very rough**: Wind speed 41-62 kmph (22-33 knots) & Wave height 2.5-6 metre **High to very high**: Wind speed 63-117 kmph (34-63 knots) & Wave height 6-14 metre **Phenomenal**: Wind speed >117 kmph (>63 knots) & Wave height >14 metre
Cyclone	**Cyclonic Storm**: Wind speed 62-87 kmph (34-47 knots) **Severe Cyclonic Storm**: Wind speed 88-117 kmph (48-63 knots) **Very Severe Cyclonic Storm**: Wind speed 118-165 kmph (64 - 89 knots) **Extremely Severe Cyclonic Storm**: Wind speed 166-220 kmph (90 -119 knots) **Super Cyclone Strom**: Wind speed >220 kmph (>119 knots)

* Red colour warning does not mean "Red Alert", Red colour warning means "Take Action".
Forecast and Warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day.
For more details, kindly visit https://mausam.imd.gov.in or contact: 011-2434-4599
(Service to the Nation since 1875)