Government of India
Ministry of Earth Sciences
India Meteorological Department

Press Release
Date: 30th October 2026
Time of Issue:1345 hours IST

Subject: (i) Under the influence of Low Pressure area (Remnant of the Cyclone "Arnab") over north Chhattisgarh & adjoining East Madhya Pradesh, isolated heavy rainfall likely over Uttar Pradesh, Bihar and Jharkhand and Sub-Himalayan West Bengal & Sikkim on today, the 30th October 2026.
(ii) A Low Pressure Area lay over South Andaman Sea and adjoining Andaman Nicobar Island at 0830 hrs IST of today, the 30th October. It is very likely to concentrate into a Depression over southeast Bay of Bengal and adjoining areas of Andaman & Nicobar Islands and Andaman Sea around 31st October. It is likely to cause isolated heavy to very heavy rainfall over Coastal Andhra Pradesh on 2nd & 3rd November, 2026.

Realized weather during past 24 hours ending at 0830 hours IST of today, the 30th October, 2026:

- **Extremely heavy rainfall (≥21 cm)** has been recorded over Chhattisgarh.
- **Heavy to very heavy rainfall (12-20 cm)** has been recorded over Odisha.
- **Heavy rainfall (7-11 cm)** has been recorded over Gangetic West Bengal, Jharkhand, Uttarakhand, Haryana, West Uttar Pradesh and Coastal Andhra Pradesh.

Weather Systems, Forecast and Warnings (Annexure I & II):

- Yesterday's Well Marked Low Pressure Area **(Remnant of the Cyclone "Arnab")** over central parts of Chhattisgarh & adjoining Odisha weakened into a **Low Pressure Area** and lay over north Chhattisgarh & adjoining East Madhya Pradesh at 0830 hrs IST of 30thOctober, 2026.
- Yesterday's **Low Pressure Area** over South Andaman Sea and neighbourhood moved west-northwestwards and lay over South Andaman Sea and adjoining Andaman Nicobar Island at 0830 hrs IST of today, the 30th October 2026. It is very likely to move west-northwestwards and concentrate into a **Depression** over southeast Bay of Bengal and adjoining areas of Andaman & Nicobar Islands and Andaman Sea around 31st October. Thereafter, it is likely to move west-northwestwards towards Andhra Pradesh coast during subsequent 2 days.
- A **cyclonic circulation** lies over north Punjab & neighbourhood in lower tropospheric level with a trough aloft in middle & upper tropospheric levels roughly along Long. 70°E to the north of Lat. 25°N.
- A **trough** runs from northwest Uttar Pradesh to the cyclonic circulation associated with the low-pressure area over north Chhattisgarh & adjoining East Madhya Pradesh in lower tropospheric level.
- An **upper air cyclonic circulation** lies over South Gujrat & neighbourhood in lower tropospheric level.
- An **upper air cyclonic circulation** lies over Assam & neighbourhood in lower tropospheric level.
- A **trough** runs from eastcentral Arabian Sea Maharashtra coast to cyclonic circulation associated with the Low Pressure Area over north Chhattisgarh & adjoining East Madhya Pradesh in lower tropospheric level.

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

South Peninsular India:

- **Isolated to Scattered** rainfall likely over Tamil Nadu, Puducherry & Karaikal during 30th October-5th November; Kerala & Mahe during 30th-31st October and during 3rd-4th November; Lakshadweep during 1st-5th November; Coastal Karnataka during 31st October-2nd November; North Interior Karnataka during 30th October-2nd November and during 4th-5th November; South Interior Karnataka during 31st October-1st November; Coastal Andhra Pradesh & Yanam and Telangana during 30th October-1st November and during 4th-5th November; Rayalaseema during 30th October-1st November and during 3rd-5th November.
- **Fairly Widespread to Widespread** rainfall likely over Kerala & Mahe during 1st-2nd November and on 5th November; Coastal Karnataka during 3rd-5th November; North Interior Karnataka on 3rd November; South Interior Karnataka during 2nd-5th November; Coastal Andhra Pradesh & Yanam and Telangana during 2nd-3rd November; Rayalaseema on 2nd November.
- Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Tamil Nadu, Puducherry & Karaikal during 1st-3rd November; Coastal Andhra Pradesh & Yanam and Rayalaseema during 2nd-3rd November; Telangana during 30th-31st October and during 2nd-3rd November, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Kerala & Mahe, North

Interior Karnataka and South Interior Karnataka during 1st-3rd November; Coastal Andhra Pradesh & Yanam and Rayalaseema during 30th October-1st November; Telangana on 1st November.

- Isolated **thunderstorm & lightning** likely over Coastal Karnataka during 1st-3rd November.
- Isolated **heavy rainfall** likely over Rayalaseema and Tamil Nadu, Puducherry & Karaikal during 2nd-3rd November; Kerala & Mahe during 1st-3rd November; Coastal Karnataka during 3rd-5th November; North Interior Karnataka during 3rd-4th November; South Interior Karnataka during 2nd-5th November; Coastal Andhra Pradesh & Yanam on 1st November and on 4th November; Telangana during 1st-2nd November with isolated **very heavy rainfall** also likely over Coastal Andhra Pradesh & Yanam during 2nd-3rd November.
- Strong Surface Winds likely over Coastal Andhra Pradesh & Yanam and Rayalaseema during 30th October-3rd November.

Central India:

- **Isolated to Scattered** rainfall likely over East Madhya Pradesh and West Madhya Pradesh during 30th October-4th November; Vidarbha during 30th October-1st November; Chhattisgarh on 1st November and during 4th-5th November.
- **Fairly Widespread to Widespread** rainfall likely over Chhattisgarh during 30th-31st October and during 2nd-3rd November.
- Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Chhattisgarh on 2nd November, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over East Madhya Pradesh and West Madhya Pradesh during 30th-31st October; Vidarbha on 30th October.
- Isolated **thunderstorm & lightning** likely over Chhattisgarh during 30th October-1st November.
- Isolated **heavy rainfall** likely over Chhattisgarh on 2nd November.

East India:

- **Fairly Widespread to Widespread** rainfall likely over Andaman & Nicobar Islands and Sub-Himalayan West Bengal & Sikkim during 30th-31st October; Bihar, Gangetic West Bengal and Jharkhand on 30th October; Odisha on 30th October and on 1st November.
- **Isolated to Scattered** rainfall likely over Andaman & Nicobar Islands and Sub-Himalayan West Bengal & Sikkim during 1st-5th November; Bihar, Gangetic West Bengal and Jharkhand during 31st October-5th November; Odisha on 31st October and during 2nd-5th November.
- Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Odisha during 30th October-3rd November, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Andaman & Nicobar Islands and Sub-Himalayan West Bengal & Sikkim during 30th-31st October; Bihar, Gangetic West Bengal and Jharkhand on 30th October.
- Isolated **heavy rainfall** likely over Andaman & Nicobar Islands, Bihar, Jharkhand and Sub-Himalayan West Bengal & Sikkim on 30th October; Odisha on 2nd November.

Northwest India:

- **Fairly Widespread to Widespread** rainfall likely over Uttarakhand on 30th October.
- **Fairly Widespread to Widespread** rainfall likely over East Uttar Pradesh on 30th October.
- Isolated **thunderstorm, lightning & gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Uttarakhand on 30th October.
- **Isolated to Scattered** rainfall likely over Himachal Pradesh and Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 30th October-2nd November; Uttarakhand during 31st October-2nd November.
- **Isolated to Scattered** rainfall likely over Punjab and West Rajasthan on 30th October; Haryana Chandigarh & Delhi on 30th October and on 2nd November; East Rajasthan and West Uttar Pradesh during 30th-31st October; East Uttar Pradesh during 31st October-2nd November.
- Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Haryana Chandigarh & Delhi and Punjab on 30th October, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over East Rajasthan, East Uttar Pradesh and West Uttar Pradesh on 30th October.
- Isolated **thunderstorm & lightning** likely over Uttarakhand on 31st October.
- Isolated **heavy rainfall** likely over Uttar Pradesh and Uttarakhand on 30th October.

Northeast India:

- **Isolated to Scattered** rainfall likely over Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during 30th October-5th November.
- Isolated **thunderstorm & lightning** likely over Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura on 30th October.
- Isolated **heavy rainfall** likely over Arunachal Pradesh during 31st October-1st November.

West India:

- **Isolated to Scattered** rainfall likely over Konkan & Goa and Marathawada on 30th October; Gujarat Region, Madhya Maharashtra and Saurashtra & Kutch during 30th-31st October.
- Isolated **thunderstorm, lightning & gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Madhya Maharashtra on 30th October.

Fisherman warning:

- **Bay of Bengal:** Over Andaman Sea and over some parts of eastcentral & southeast Bay of Bengal till 01st November; along and off Andhra Pradesh coast adjoining westcentral Bay of Bengal during 01st to 04th November.
- **Arabian Sea:** No Warning.

Weather conditions and forecast over Delhi/NCR during next 4 days (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/fishermenwarning.php

Highest rainfall recorded (≥ 7 cm) (from 0830 hours IST of yesterday to 0830 hours IST of today over different Meteorological Subdivision):

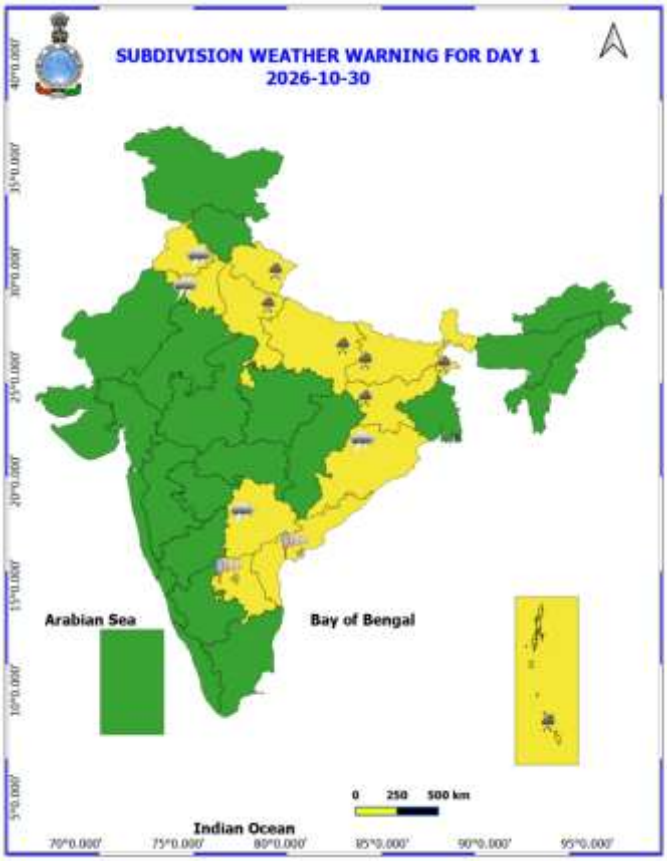
- **Chhattisgarh:** Kusmi (dist Balrampur) 28
- **Odisha:** Bhogorai 19
- **West Uttar Pradesh**: Bijnor 10
- **Uttarakhand**: Keertinagar 9
- **Gangetic West Bengal**: Digha 8
- **Jharkhand**: Daltonganj 8
- **Haryana:** Pataudi (Dist Gurgaon) 8
- **Coastal Andhra Pradesh**: Srikakulam 8
- **Chhattisgarh:** Sukma 7.

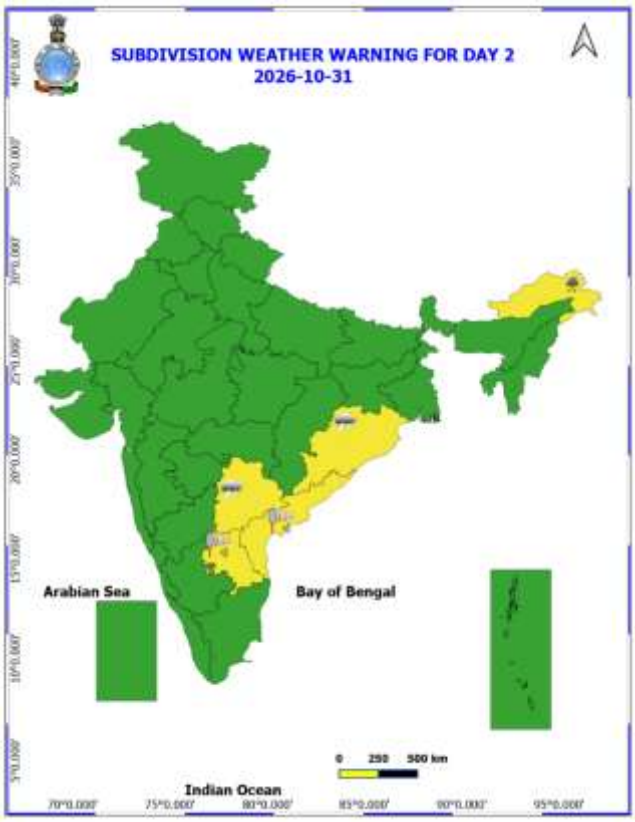
Annexure I

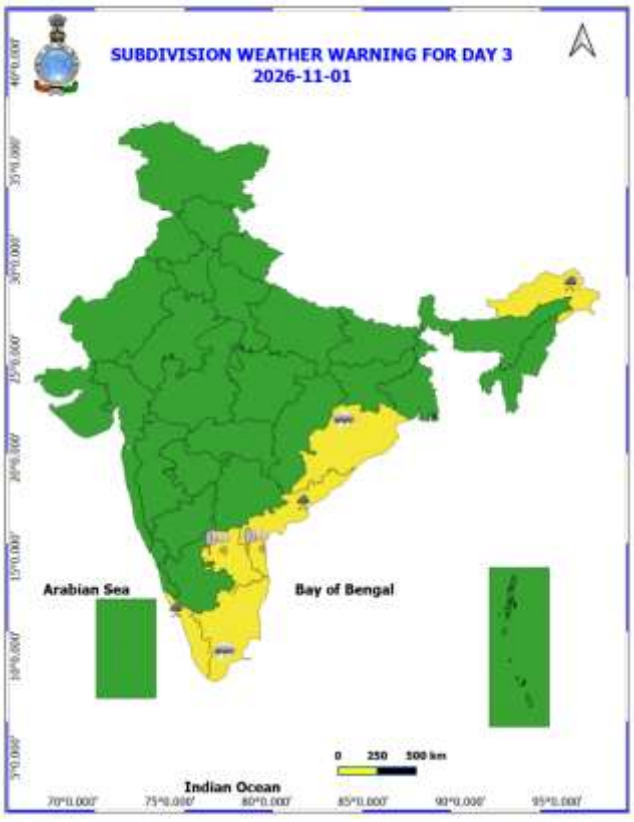
Table-1								
7 Days Rainfall Forecast								
S.No.	Subdivision	30- Oct	31- Oct	1- Nov	2- Nov	3- Nov	4- Nov	5- Nov
		Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
1	ANDAMAN & NICOBAR ISLANDS	NA	FWS	SCT	SCT	SCT	SCT	SCT
2	ARUNACHAL PRADESH	ISOL	ISOL	ISOL	SCT	SCT	ISOL	ISOL
3	ASSAM & MEHGHALAYA	ISOL	ISOL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

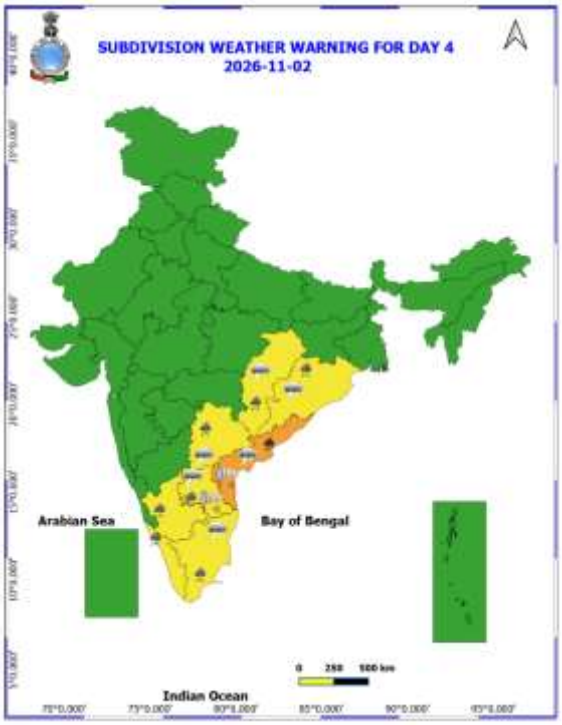
- **As the lead period increases forecast accuracy decrease.**

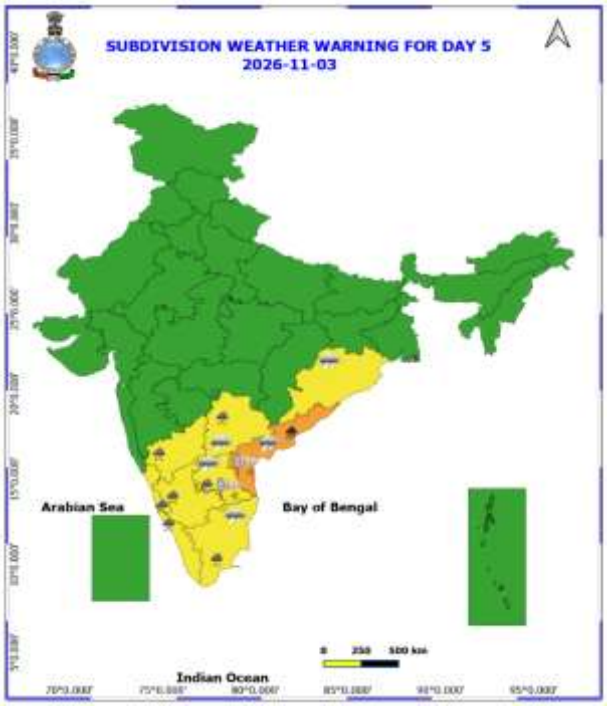
Annexure II

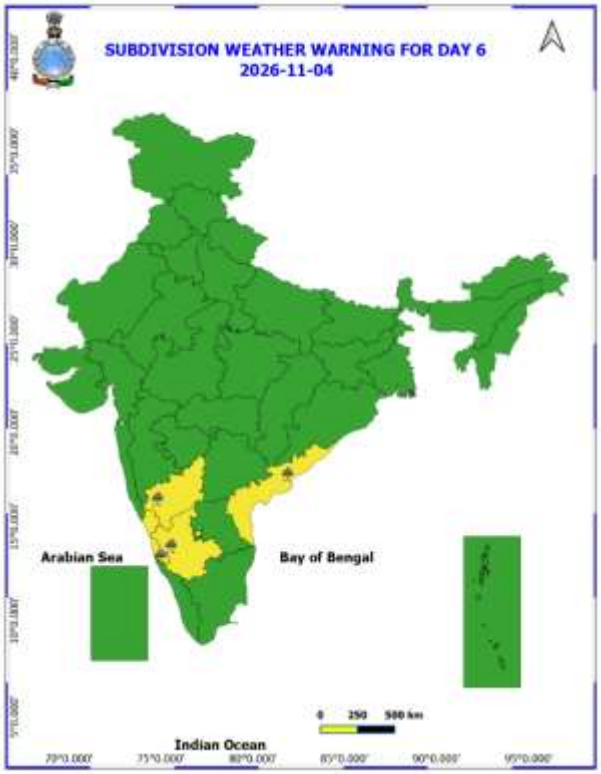

SUBDIVISION WEATHER WARNING FOR DAY 1
2026-10-30
Arabian Sea
Bay of Bengal
Indian Ocean
0 250 500 km

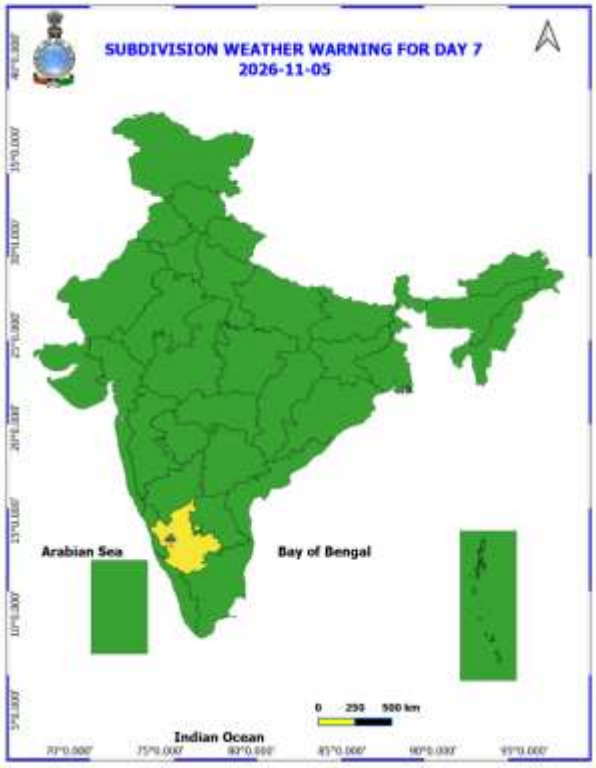

SUBDIVISION WEATHER WARNING FOR DAY 2
2026-10-31
Arabian Sea
Bay of Bengal
Indian Ocean
0 250 500 km


SUBDIVISION WEATHER WARNING FOR DAY 3
2026-11-01
Arabian Sea
Bay of Bengal
Indian Ocean
0 250 500 km









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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.

Detailed district-wise Multi-Hazard weather warning for next five days available at
https://mausam.imd.gov.in/responsive/districtWiseWarningGIS.php

Annexure III

Weather forecast over Delhi/NCR during 30th October to 02nd November 2026

Past Weather:

There has been fall in maximum temperatures by 4-6°C and fall in minimum temperatures by 2°C over Delhi during the past 24 hours. The maximum temperatures were in the range of 24-25°C and the minimum temperatures are in the range 15-18°C respectively during past 24 hours over Delhi. The minimum temperatures are above normal (1.6°C to 3.0°C) to below normal (-1.6°C to -3.0°C) at isolated places and normal (-1.5°C to 1.5°C) over remaining parts of Delhi. The maximum temperatures were markedly below normal (-5.1°C or less) at most places. Moderate rain accompanied with thunderstorm/lightning at most places with heavy rain at isolated places occurred over Delhi during the past 24 hours. Generally cloudy sky with surface wind speeds up to 16 kmph gusting to 36 kmph from the northwest direction prevailed over Delhi during past 24 hours. Generally cloudy sky with surface wind speeds up to 15 kmph from the east directions prevailed during forenoon over the region today.

Weather Forecast:

30.10.2026: Generally cloudy sky. One or two spells of very light to light rain at many places with moderate rain at a few places accompanied with thunderstorm/lightning during morning to forenoon. Another spell of very light to light rain at many places with moderate rain at isolated places during afternoon to evening. The maximum temperatures over Delhi are likely to be in the range of 24-26°C. The maximum temperature will be markedly below normal (-5.1°C or below) at most places over Delhi. The predominant surface wind is likely to be from the southwest direction with surface wind speed reaching up to 15 kmph during the afternoon. The surface wind speed will decrease becoming up to 12 kmph from the southwest direction during evening and night hours.

31.10.2026: Partly cloudy sky. The maximum and minimum temperatures over Delhi are likely to be in the range of 26°C to 28°C and 15°C to 17°C, respectively. The minimum temperature will be near normal (-1.5°C to 1.5°C) at many places and the maximum temperatures will be appreciably below normal (-3.1°C to -5.0°C) at most places over Delhi. The predominant surface wind is likely to be from the northwest direction with wind speed reaching up to 10 kmph during the morning hours. The surface wind speed will decrease becoming up to 08 kmph from the northwest direction during afternoon. The surface wind speed will increase becoming up to 10 kmph from the southeast direction during evening and night hours.

01.11.2026: Partly cloudy sky. The maximum and minimum temperatures over Delhi are likely to be in the range of 28°C to 30°C and 16°C to 18°C, respectively. The minimum temperature will be near normal (-1.5°C to 1.5°C) at most places, and the maximum temperatures will be below normal (-1.5°C to -3.0°C) at most places over Delhi. The predominant surface wind is likely to be from the northwest direction with wind speed reaching up to 10 kmph during the morning hours. The surface wind speed will increase becoming up to 20 kmph from the northwest direction during afternoon. The surface wind speed will decrease becoming up to 10 kmph from the northwest direction during evening and night hours.

02.11.2026: Mainly clear sky. The maximum and minimum temperatures over Delhi are likely to be in the range of 29°C to 31°C and 15°C to 17°C, respectively. The minimum temperature will be near normal (-1.5°C to 1.5°C) at many places, and the maximum temperatures will be near normal (-1.5°C to 1.5°C) at most places over Delhi. The predominant surface wind is likely to be from the north direction with wind speed reaching up to 10 kmph during the morning hours. The surface wind speed will increase becoming up to 15 kmph from the northwest direction during afternoon. The surface wind speed will decrease becoming up to 10 kmph from northeast direction during evening and night hours.

Impact Expected and Action Suggested due to very heavy rainfall:

- Isolated **very heavy rainfall** likely over Coastal Andhra Pradesh & Yanam during 2nd-3rd November.

Impact expected:

- Breaking of tree branches, uprooting of small trees like banana, papaya, drum sticks. Strong wind and rain may damage plantation, horticulture and standing crops.
- Partial damage to vulnerable structures due to strong winds and rain.
- Minor damage to kutcha houses/walls, huts and roads due to heavy rain.
- Loose objects may fly.
- Small ships, trawlers and boats may be affected.
- Road and rail traffic may be affected due to heavy rain and squally winds.
- There could be localised landslides, mudslides, landslips, water logging, inundation and flooding over low lying areas.
- Occasional reduction in visibility due to heavy rainfall.
- Helicopter services may get affected.

Action suggested:

- 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.
- Onshore and offshore activities to be judiciously regulated.
- Helicopter services to be regulated.

Agromet advisories for likely impact of Heavy Rainfall

- In **Sub-Himalayan West Bengal**, keep the harvested produce at safer places. Maintain proper draiage in standing crops fields and vegetables.
- In **Bihar**, ensure proper drainage in standing crops and vegetables. Harvest the early duration rice immediately wherever feasible and move the already harvested produce to safer places or cover with plastic / polythene sheets.
- In **Jharkhand**, Maintain effective drainage in standing crop fields and vegetables. Keep the harvested produce of early sown rice, maize, pigeon pea, finger millets immediately to safer places or cover with plastic / polythene sheets.
- In **Uttar Pradesh**, keep the harvested produce to a safe place or cover it with plastic or polythene sheets. Ensure proper drainage in sugarcane, basmati rice, other standing crops and vegetables; prop sugarcane and stake vegetable plants.
- In **Uttarakhand,** harvest mature rice immediately if feasible and shift the already harvested produce to safer places. Maintain proper drainage in standing crop fields and vegetables.
- In **Andaman & Nicobar Islands**, ensure proper drainage in crop fields and nurseries, and harvest mature rice and vegetables during rain-free intervals, drying the produce under cover. Support banana plants with props and raise vegetable nurseries on raised beds under rain shelter.
- In **Arunachal Pradesh** - Undertake harvesting of mature WRC rice & finger millets and dry them properly during sunny weather and keep the harvested produce in safe places. Maintain proper drainage in standing crops and vegetables.
- In **Odisha**, provide adequate drainage in rice, cotton, maize, groundnut, pulses and sugarcane to remove excess water and avoid prolonged water logging. After cessation of rainfall, apply 2 % salt solution on early maturing paddy varieties to reduce the risk of grain sprouting in the field. Support rain affected newly planted fruit plants and vegetables by providing bamboo stakes to prevent further lodging and mechanical injury.
- In **Chhattisgarh**, drain out excess water in standing crops and vegetables.

Agromet advisories for likely impact of Thunderstorm / Gusty Winds

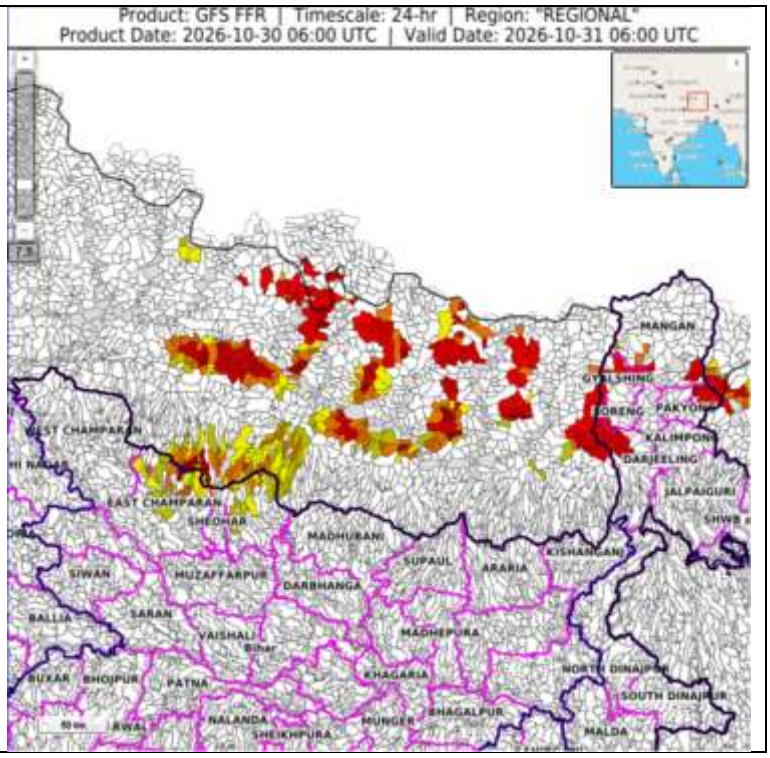
- Shift the harvested produce in safer places or cover the produce with tarpaulin sheets in the fields. Tie the harvested crops securely and cover them to minimize the risk of displacement from strong surface winds.

- 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.

Advisories for likely impact of Heavy Rainfall for Livestock / Poultry / Fisheries

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

Flash Flood Guidance:

Flash Flood Risk (FFR) till 1130 IST of 31-10-2026: Low to moderate flash flood risk likely few watersheds & neighbourhoods of following Met Sub-divisions during next 24 hours. Bihar: East Champaran and Sitamarhi districts Sub-Himalayan West Bengal & Sikkim: Mangan, Gangtok, Gyalshing, Soreng and Darjeeling Districts Surface runoff/ Inundation may occur at some fully saturated soils & low-lying areas over Area of Concern (AoC) as shown in map due to expected rainfall occurrence in next 24 hours.	

Legends & abbreviations:

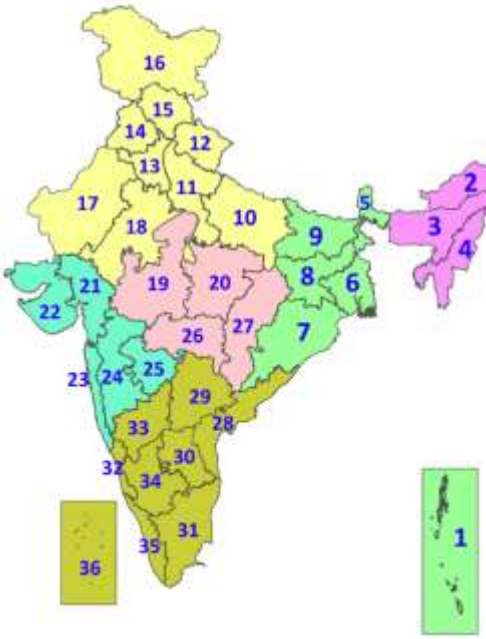
Heavy Rain:64.5115.5mm; **Very Heavy Rain:**115.6204.4mm; **Extremely Heavy Rain:** >204.4mm.
Obsy: Observatory; Automatic Weather Station; **ARG:** Automatic Rain Gauge; **dist:** District: **NH:** National Highway; **KVK**: Krishi Vigyan Kendra; **DVC:** Damodar Valley Corporation; **PTO**: Part Time 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, Coastal Maharashtra (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)

राष्ट्रीय मौसम पूर्वानुमान केन्द्र
भारत मौसम विज्ञान विभाग
पृथ्वी विज्ञान मंत्रालय

National Weather Forecasting Centre
India Meteorological Department
Ministry of Earth Sciences

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)

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