



Government of India
Ministry of Earth Sciences
India Meteorological Department



Press Release
Date: 31st October 2026
Time of Issue: 1425 hours IST

Subject: (i) A Well Marked Low pressure area lay over southeast Bay of Bengal and adjoining areas of Andaman & Nicobar Islands and Andaman Sea at 0830 hrs IST of today, the 31st October. It is very likely to move west-northwestwards and concentrate into a Depression over the same region during next 06 hours. Thereafter, it is very likely to intensify further into a cyclonic storm during subsequent 24 hours, move west-northwestwards and reach over westcentral Bay of Bengal near Andhra Pradesh coast around evening of 2nd November 2026.

(ii) Under the influence of above system, isolated extremely heavy rainfall likely over Coastal Andhra Pradesh & Yanam on 2nd November and isolated very heavy rainfall on 3rd November; isolated very heavy rainfall also likely over Rayalaseema on 2nd & 3rd November and over Odisha on 3rd & 4th November, 2026.

Realized weather during past 24 hours ending at 0830 hours IST of today, the 31st October, 2026:

- ❖ **Heavy to very heavy rainfall (12-20 cm)** has been recorded over Gangetic West Bengal, Andaman & Nicobar Islands and Telangana.
- ❖ **Heavy rainfall (7-11 cm)** has been recorded over Sikkim, Bihar, Chhattisgarh, Coastal Andhra Pradesh.

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

- ❖ Yesterday's **Low Pressure Area** over South Andaman Sea & adjoining North Andaman Sea and Andaman & Nicobar Islands moved west-northwestwards and lay as a **Well Marked** Low pressure area over southeast Bay of Bengal and adjoining areas of Andaman & Nicobar Islands and Andaman Sea at 0830 hrs IST of today, the 31st October 2026. It is very likely to move west-northwestwards and concentrate into a **Depression** over the same region during next 06 hours. Thereafter, it is very likely to intensify further into a **cyclonic storm** during subsequent 24 hours, move west-northwestwards and reach over westcentral Bay of Bengal near Andhra Pradesh coast around evening of 2nd November 2026.
- ❖ A fresh **Western Disturbance** as a trough in middle & upper tropospheric levels runs roughly along Long. 65°E to the north of Lat. 29°N.
- ❖ An **upper air cyclonic circulation** lies over south Maharashtra coast & neighbourhood in lower tropospheric levels.
- ❖ A **trough** runs from Southeast Arabian Sea off Kerala-Karnataka coast 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 31st October-6th November; Kerala & Mahe on 31st October and during 3rd-4th November; Lakshadweep during 1st-6th November; Coastal Andhra Pradesh & Yanam, Coastal Karnataka, Rayalaseema and Telangana during 31st October-1st November and during 4th-6th November; North Interior Karnataka and South Interior Karnataka during 31st October-1st November and during 5th-6th November.
- ❖ **Fairly Widespread to Widespread** rainfall likely over Kerala & Mahe during 1st-2nd November and during 5th-6th November; Coastal Andhra Pradesh & Yanam, Coastal Karnataka, Rayalaseema and Telangana during 2nd-3rd November; North Interior Karnataka and South Interior Karnataka during 2nd-4th November.
- ❖ Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Coastal Andhra Pradesh & Yanam on 2nd November and on 4th November; Rayalaseema during 2nd-4th November; Telangana 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-4th November; Coastal Andhra Pradesh & Yanam and Rayalaseema during 31st October-1st November; Telangana during 31st October-1st November and on 4th November.
- ❖ Isolated **thunderstorm & lightning** likely over Tamil Nadu, Puducherry & Karaikal during 1st-4th November; Coastal Karnataka during 1st-3rd November.
- ❖ Isolated **heavy rainfall** likely over Tamil Nadu, Puducherry & Karaikal and Telangana during 2nd-3rd November; Kerala & Mahe during 1st-4th November; Coastal and North Interior Karnataka on 3rd November;

South Interior Karnataka during 2nd-5th November; Coastal Andhra Pradesh & Yanam on 1st November and on 4th November with isolated **very heavy rainfall** also likely over Coastal Andhra Pradesh & Yanam on 3rd November; Rayalaseema during 2nd-3rd November.

- ❖ Isolated **extremely heavy rainfall** likely over Coastal Andhra Pradesh & Yanam on 2nd November.
- ❖ **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Coastal Andhra Pradesh & Yanam on 3rd November.
- ❖ Strong Surface Winds likely over Coastal Andhra Pradesh & Yanam and Rayalaseema during 31st October-4th November.

East India:

- ❖ **Fairly Widespread to Widespread** rainfall likely over Andaman & Nicobar Islands on 31st October.
- ❖ **Isolated to Scattered** rainfall likely over Andaman & Nicobar Islands during 1st-6th November; Gangetic West Bengal and Sub-Himalayan West Bengal & Sikkim during 31st October-3rd November; Jharkhand during 31st October-5th November; Bihar during 31st October-2nd November; Odisha during 31st October-6th November.
- ❖ Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Andaman & Nicobar Islands on 31st October; Odisha during 31st October-4th November, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Bihar, Gangetic West Bengal and Sub-Himalayan West Bengal & Sikkim on 31st October.
- ❖ Isolated **very heavy rainfall** likely over Odisha during 3rd-4th and isolated heavy on 2nd November.

Central India:

- ❖ **Isolated to Scattered** rainfall likely over East Madhya Pradesh and West Madhya Pradesh during 31st October-4th November; Vidarbha during 31st October-1st November; Chhattisgarh on 1st November and during 4th-6th November.
- ❖ **Fairly Widespread to Widespread** rainfall likely over Chhattisgarh on 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 West Madhya Pradesh on 31st October and on 4th November; East Madhya Pradesh during 2nd-4th November.
- ❖ Isolated **thunderstorm & lightning** likely over East Madhya Pradesh and Vidarbha during 31st October-1st November; Chhattisgarh during 31st October-1st November and during 3rd-4th November.
- ❖ Isolated **heavy rainfall** likely over Chhattisgarh during 3rd-4th November.

Northeast India:

- ❖ **Isolated to Scattered** rainfall likely over Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during 31st October-6th November.
- ❖ Isolated **thunderstorm & lightning** likely over Assam & Meghalaya on 31st October and on 2nd November; Nagaland, Manipur, Mizoram & Tripura on 31st October.
- ❖ Isolated **heavy rainfall** likely over Arunachal Pradesh during 1st-2nd November.

Wind warnings:

❖ Andaman & Nicobar Islands and Andaman Sea:

Squally weather with wind speed reaching 40-50 gusting to 60 kmph is prevailing over southeast Bay of Bengal and adjoining areas of Andaman & Nicobar Islands and Andaman Sea today, the 31st October, 2026. It is likely to continue till 1st November morning.

❖ Southeast and adjoining Eastcentral Bay of Bengal:

Squally weather with wind speed reaching 40-50 gusting to 60 kmph is prevailing over southeast Bay of Bengal today, the 31st October, 2026. It is likely to increase becoming 55-65 gusting to 75 kmph over southeast Bay of Bengal by early morning of 1st November. It would increase further becoming 65-75 gusting to 85 kmph over western parts of southeast Bay of Bengal from forenoon of 1st November till morning of 2nd November and decrease gradually thereafter, becoming 40-50 gusting to 60 kmph from 2nd November evening to midnight and improve thereafter.

❖ Westcentral Bay of Bengal:

Squally weather with wind speed reaching 40-50 gusting to 60 kmph is likely to commence from 1st November, morning. It is likely to increase becoming gale wind speed reaching 65-75 gusting to 85 kmph from afternoon of 1st November and 80-90 gusting to 100 kmph from 2nd November morning to 3rd November, forenoon. It would decrease gradually thereafter, becoming 55-65 gusting to 75 kmph by 3rd November evening and 40-50 gusting to 60 kmph by 4th morning for subsequent 6 hours and improve thereafter.

❖ Southwest Bay of Bengal:

Squally weather with wind speed reaching 40-50 gusting to 60 kmph is likely to commence from 1st November, morning. It is likely to increase becoming 55-65 gusting to 75 kmph from morning of 2nd to 3rd November morning. It would decrease gradually thereafter, becoming 40-50 gusting to 60 kmph from 3rd November evening till 4th November, morning.

❖ **Along & off Andhra Pradesh coast:**

Squally wind speed reaching 40-50 gusting to 60 kmph likely to commence along and off Andhra Pradesh, North Tamil Nadu and Puducherry coasts from 1st November evening. It is very likely to increase gradually becoming gale wind speed reaching 65-75 gusting to 85 kmph by 2nd November afternoon and 80-90 gusting to 100 kmph from 2nd November evening to 3rd November, forenoon. It would decrease gradually thereafter, becoming 55-65 gusting to 75 kmph by 3rd November evening and 40-50 gusting to 60 kmph by 4th morning for subsequent 6 hours and improve thereafter.

❖ **Along & off North Tamil Nadu- Puducherry coasts:**

Squally weather with wind speed reaching 40-50 gusting to 60 kmph is likely to commence from 1st November evening. It is likely to increase becoming 55-65 gusting to 75 kmph from morning of 2nd to 3rd November morning. It would decrease gradually thereafter, becoming 40-50 gusting to 60 kmph from 3rd November evening to 4th November, morning.

❖ **Northwest Bay of Bengal and along & off South Odisha coast:**

Squally weather with wind speed reaching 40-50 gusting to 60 kmph is likely to commence from 2nd November, evening. It is likely to increase becoming 50-60 gusting to 70 kmph from 3rd November, early morning to evening. It would decrease gradually thereafter, becoming 40-50 gusting to 60 kmph from 3rd November night to 4th November, afternoon.

Sea condition:

❖ **Andaman & Nicobar Islands and Andaman Sea:** Rough to Very Rough Sea Condition is very likely to prevail over Andaman Sea and adjoining Andaman and Nicobar Islands till 1st November morning.

❖ **Southeast and adjoining eastcentral Bay of Bengal:**

Sea condition is likely to be rough to very rough till early morning of 1st November. It would deteriorate further becoming Very Rough to High over western parts of southeast & adjoining eastcentral Bay of Bengal from forenoon of 1st November till morning of 2nd November. Thereafter, it would start improving becoming Very Rough to Rough from 2nd November evening to midnight and improve gradually thereafter.

❖ **Westcentral Bay of Bengal:**

Sea condition is likely to be Rough to Very Rough from 1st November, morning. It is very likely to deteriorate further becoming Very Rough to High from afternoon of 1st November till 3rd November, forenoon. Thereafter, it would start improving becoming Very Rough to Rough by 4th morning and improve thereafter.

❖ **Southwest Bay of Bengal:**

Sea condition is likely to be Rough to Very Rough from 1st November, morning till 3rd November noon. It would improve gradually thereafter, becoming Very Rough to Rough till 4th November, morning.

❖ **Along & off Andhra Pradesh coast:** Sea condition is likely to be Rough to Very Rough from 1st November evening. It is very likely to deteriorate thereafter, becoming High by 2nd November afternoon till 3rd November, forenoon. Thereafter, it would start improving becoming Very Rough to Rough till 4th afternoon and improve thereafter.

❖ **Along & off North Tamil Nadu- Puducherry coasts:**

Sea condition is likely to be Rough to Very Rough from 1st November, morning till 4th November, morning. It would improve gradually thereafter.

❖ **Northwest Bay of Bengal and along & off South Odisha coast:**

Sea condition is likely to be rough to very rough from 2nd November, evening till 4th November, afternoon and would improve thereafter.

Fishermen warnings:

Fishermen are advised not to venture into:

- ❖ Andaman Sea and along & off Andaman & Nicobar Islands till 1st November morning.
- ❖ Southeast & adjoining Eastcentral Bay of Bengal on 1st and 2nd November,
- ❖ Southwest Bay of Bengal from morning of 01st November to morning of 4th November
- ❖ Westcentral Bay of Bengal from morning of 01st to 4th November afternoon
- ❖ Along & off Andhra Pradesh coast from morning of 2nd to 4th November afternoon
- ❖ Along & off North Tamil Nadu- Puducherry coasts from morning of 01st to 4th November morning.
- ❖ Northwest Bay of Bengal and along & off South Odisha coast from evening of 2nd to 4th November afternoon.

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_forecast_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):

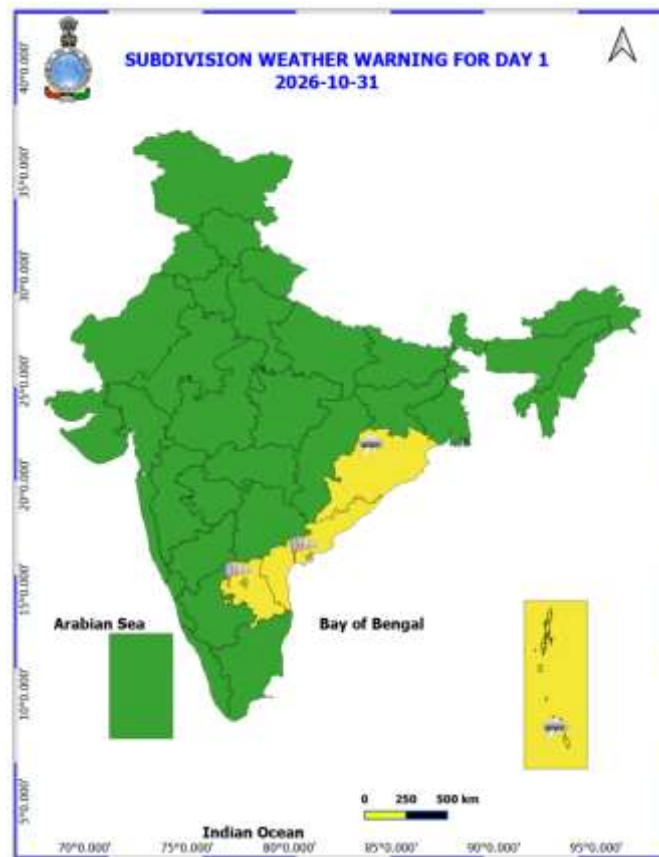
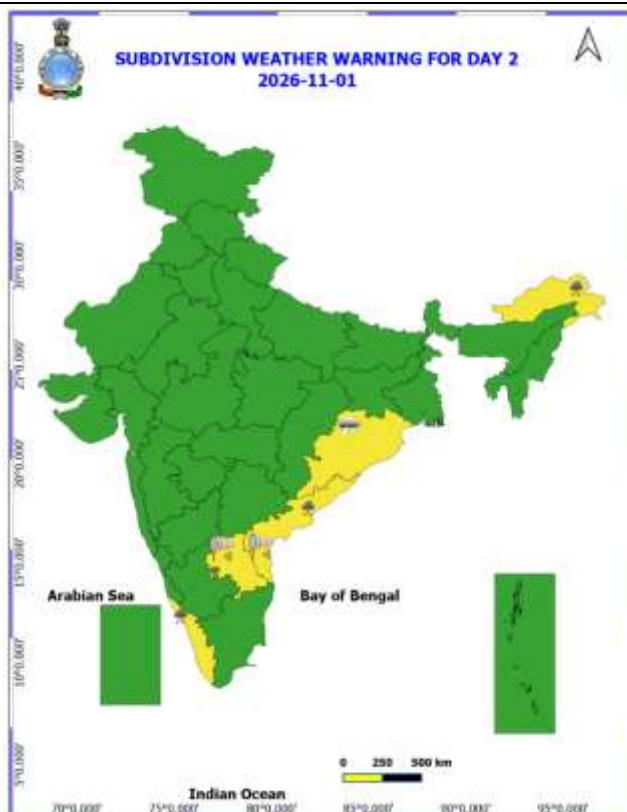
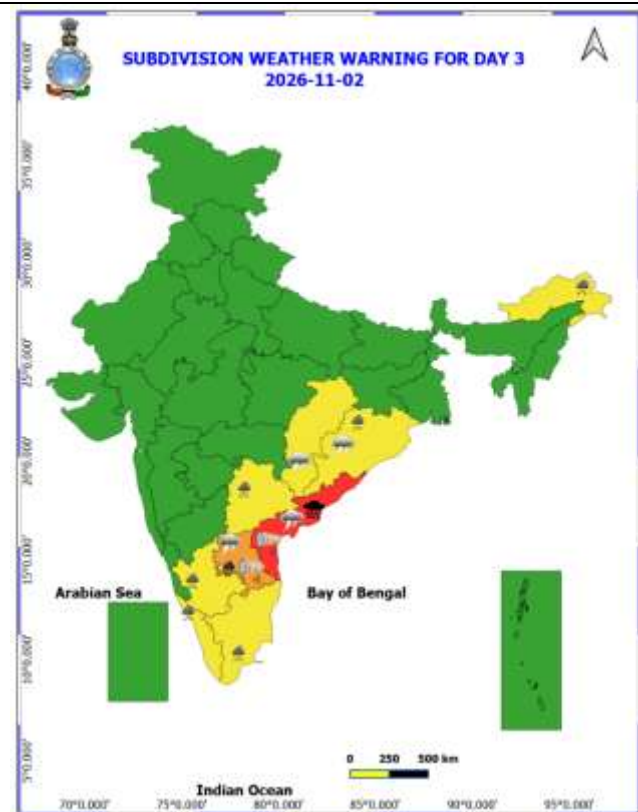
- ❖ Gangetic West Bengal: Panagarh 16

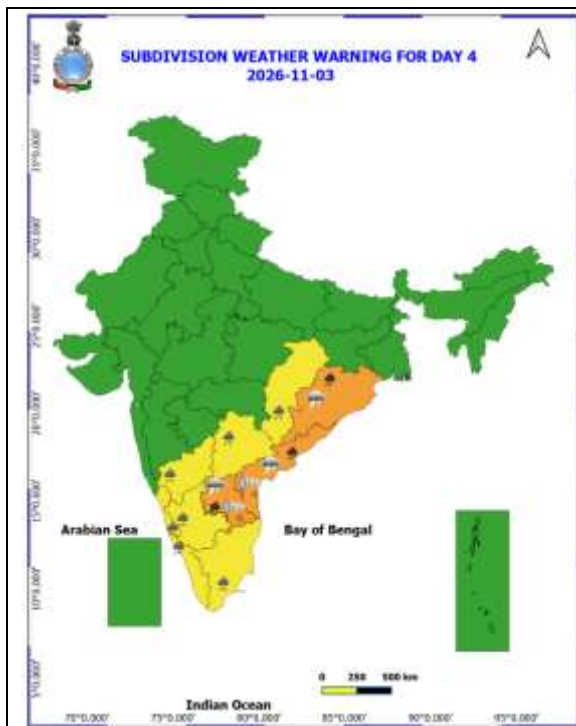
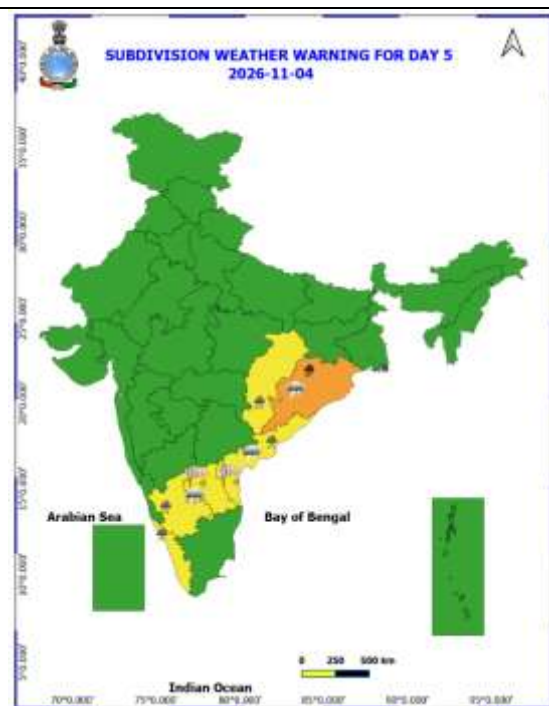
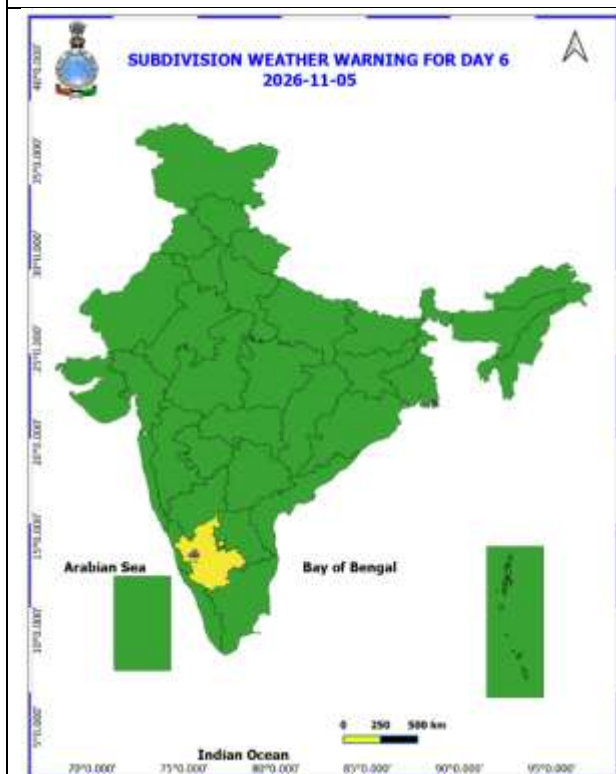
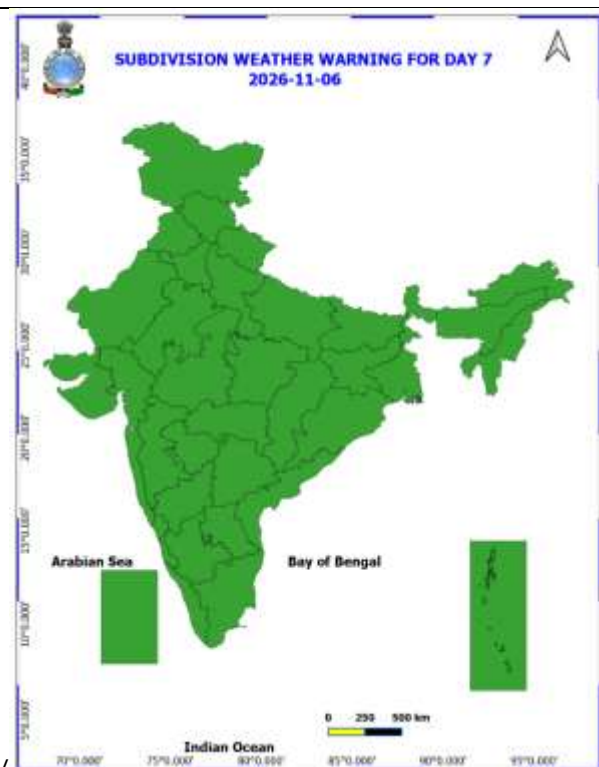
- ❖ **Andaman & Nicobar Islands:** Carnicobar 12
- ❖ **Telangana:** Tadwai Mlg (dist Mulugu) 12
- ❖ **Sikkim:** Yuksom 7
- ❖ **Bihar:** Buxar 8
- ❖ **Coastal Andhra Pradesh:** Tanuku (West Godavari district) 8
- ❖ **Chhattisgarh:** Jashpur 7.

Annexure I

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

- As the lead period increases forecast accuracy decrease.





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>

Weather forecast over Delhi/NCR during 31st October to 03rd November 2026**Past Weather:**

There has been fall in maximum temperatures by 4-5°C and fall in minimum temperatures by 1-2°C over Delhi during the past 24 hours. The maximum temperatures were in the range of 20-21°C and the minimum temperatures are in the range 15-17°C respectively during past 24 hours over Delhi. The minimum temperatures are normal (-1.5°C to 1.5°C) over most places of Delhi during the past 24 hours. The maximum temperatures were markedly below normal (-5.1°C or less) at most places over Delhi. Very Light to light rain accompanied with thunderstorm/lightning has been occurred at most places over Delhi during the past 24 hours. Safdarjung reported lowest visibility 500m from 0230 to 0630 IST, which gradually improved to 800m at 0730 IST of today, 31.10.2026. Palam reported lowest visibility 800m from 0430 to 0630 IST, which gradually improved to 1100m at 0700 IST of today, 31.10.2026. Generally cloudy sky with surface wind speeds up to 16 kmph gusting to 36 kmph from the west direction prevailed over Delhi during past 24 hours. Mainly clear becoming partly cloudy sky with surface wind speeds up to 15 kmph from the west directions prevailed during forenoon over the region today.

Weather Forecast:

31.10.2026: Mainly clear sky. The maximum temperatures over Delhi are likely to be in the range of 26-28°C. The maximum temperature 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 surface wind speed reaching up to 20 kmph during the afternoon. The surface wind speed will decrease becoming up to 15 kmph from the northwest direction during evening and night hours.

01.11.2026: Mainly clear 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 many places and the maximum temperatures will be below normal (-1.6°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 15 kmph during the morning hours. The surface wind speed will increase becoming up to 22 kmph from the northwest direction during afternoon. The surface wind speed will increase becoming up to 15 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 28°C to 30°C and 15°C to 17°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 (-1.6°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 15 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 15 kmph from the northwest direction during evening and night hours.

03.11.2026: Mainly clear sky. The maximum and minimum temperatures over Delhi are likely to be in the range of 28°C to 30°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 below normal (-1.6°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 15 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 15 kmph from the northwest direction during evening and night hours.

Impact Expected and Action Suggested due to extremely/ very heavy rainfall:

- ❖ Isolated **extremely heavy rainfall** likely over Coastal Andhra Pradesh & Yanam on 2nd November.
- ❖ Isolated **very heavy rainfall** also likely over Coastal Andhra Pradesh & Yanam on 3rd November; Rayalaseema during 2nd-3rd November; over Odisha on 3rd & 4th 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 **Coastal Andhra Pradesh**, provide adequate drainage in paddy, groundnut, cotton, red gram, sugarcane, maize, vegetables, banana and papaya fields, particularly in low-lying areas. In rice, gently lift and tie lodged plants, support fruit-bearing banana and papaya plants and prop up lodged sugarcane. Harvest mature groundnut and other ready-to-harvest crops during suitable dry intervals and keep the produce in safe, covered storage. Withhold sowing of rabi maize, green gram, black gram, horse gram and sunhemp until soil moisture becomes suitable.
- In **Rayalaseema**, in groundnut and other standing crops, ensure adequate drainage wherever excess water accumulates. Continue sowing of Bengal gram only where soil moisture is adequate. Keep harvested produce protected from rain and postpone spraying and fertilizer application during adverse weather.
- In **Odisha**, provide adequate drainage in rice, cotton, maize, groundnut, pulses, sugarcane and vegetable fields. In rice, gently raise lodged panicles and tie them into bundles after the rainwater recedes; harvest mature crops only when fields are workable and dry the produce properly before storage.
- In **Telangana**, continue picking mature cotton during suitable dry intervals and store the harvested kapas in moisture-free conditions. In Southern Telangana, take up sowing of green gram, black gram, groundnut, sunflower and maize. Provide drainage in standing crops and mechanical support to banana, papaya and other vulnerable crops. Avoid fertilizer application, spraying and intercultural operations during rainfall and thunderstorms.
- In **Tamil Nadu**, harvest mature paddy and groundnut and keep the produce in safe, dry storage. In the Cauvery Delta Zone, strengthen drainage in rice and banana fields to prevent submergence. Postpone spraying and other field operations during heavy rainfall and gusty winds.
- In **Keralam**, continue transplanting rice in the main field for the rabi season, ensure proper drainage in nursery and main-field areas. Provide mechanical support to banana and other vulnerable crops, and postpone fertilizer application, spraying and intercultural operations during rainfall.
- In **South Interior Karnataka**, continue maize harvesting during suitable weather, maintain adequate drainage in rice to prevent waterlogging. Irrigation, fertilizer application and plant protection activities should be postponed during the rainy period.

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.

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.

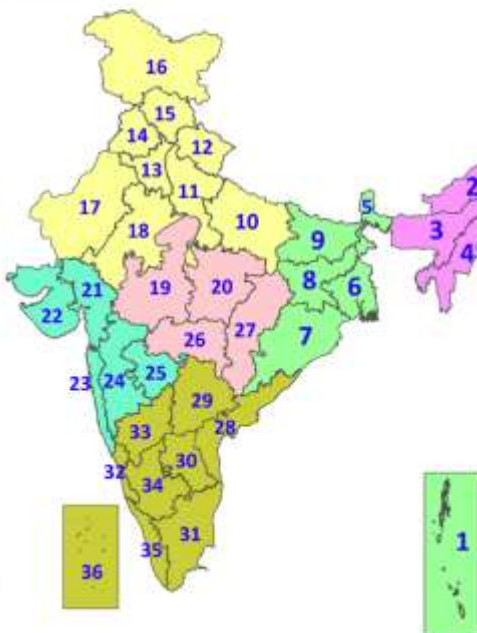
Northeast India: Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.

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.

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 Snow | Cold Wave |
| Heavy Rain | Dust Storm | Cold Day |
| Very Heavy Rain | Heat Wave | Ground Frost |
| Extremely Heavy Rain | Warm Night | |
| Thunder & Lightning | Hot Day | |
| Hailstorm | Hot & Humid | |
| Dust Raising Winds | Strong Surface Winds | |

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

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 $\geq 40^{\circ}\text{C}$ for plains and $\geq 30^{\circ}\text{C}$ 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 $\geq 6.5^{\circ}\text{C}$ (b). Based on Actual maximum temperature Heat Wave: When actual maximum temperature $\geq 45^{\circ}\text{C}$. Severe Heat Wave: When actual maximum temperature $\geq 47^{\circ}\text{C}$. (c). Criteria for heat wave for coastal stations When maximum temperature departure is $> 4.5^{\circ}\text{C}$ from normal. Heat Wave may be described provided maximum temperature $\geq 37^{\circ}\text{C}$
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 $> 6.4^{\circ}\text{C}$.
Cold Wave	When minimum temperature of a station $\leq 10^{\circ}\text{C}$ for plains and $\leq 0^{\circ}\text{C}$ 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 $\leq -6.5^{\circ}\text{C}$ (b) Based on actual Minimum Temperature (for Plains only) Cold Wave: When Minimum Temperature is $\leq 4.0^{\circ}\text{C}$ Severe Cold Wave: When Minimum Temperature is $\leq 2.0^{\circ}\text{C}$ (c) For Coastal Stations When Minimum Temperature departure is $\leq -4.5^{\circ}\text{C}$ & actual Minimum Temperature is $\leq 15^{\circ}\text{C}$
Cold Day	When minimum temperature of a station $\leq 10^{\circ}\text{C}$ for plains and $\leq 0^{\circ}\text{C}$ 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 $\leq -6.5^{\circ}\text{C}$
Fog	Phenomenon of small droplets suspended in air and the horizontal visibility $< 1\text{km}$ 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 $\leq 4^{\circ}\text{C}$ (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 118-185 kmph (64 - 89 knots) Extremely Severe Cyclonic Storm: Wind speed 186-220 kmph (90 -119 knots) Super Cyclone Storm: 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

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