



Government of India
Ministry of Earth Sciences
India Meteorological Department



Press Release

Date: 01st November 2026

Time of Issue: 1405 hours IST

Subject: (i) The Deep Depression intensified into a Cyclonic storm “MURASU” and lay centred over southwest and adjoining west central Bay of Bengal at 1130 IST of today, 01st November 2026. It is very likely to move west-northwestwards and intensify further into a Severe Cyclonic Storm over Westcentral Bay of Bengal around 02nd November morning. Thereafter it is very likely to move northwestwards and cross south Andhra Pradesh coast as a Severe Cyclonic Storm with wind speed of 100 to 110 kmph gusting 120kmph between Nellore and Narsapur during midnight (2330 Hrs IST) of 02nd to early hours (0400 Hrs IST) of 03rd November, 2026.

(ii) Under the influence of above system, heavy to very heavy rainfall is very likely over Coastal Andhra Pradesh, Rayalaseema and Telangana on 02nd & 03rd; over Tamil Nadu on 01st & 02nd; over Chhattisgarh & south Odisha on 03rd & 04th November. Isolated extremely heavy rainfall is also likely over Coastal Andhra Pradesh & Yanam on 02nd & 03rd and over Telangana on 03rd November, 2026.

Realized weather during past 24 hours ending at 0830 hours IST of today, the 01st November, 2026:

- ❖ **Heavy rainfall (7-11 cm)** has been recorded over Tamil Nadu.

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

- ❖ Yesterday's **Well Marked** Low Pressure Area over southeast Bay of Bengal and adjoining areas of Andaman & Nicobar Islands and Andaman Sea moved west-northwestwards and concentrated into a **Depression** at 1130 hrs IST of yesterday, the 31st October, 2026 over the same region. It further moved west-northwestwards and intensified into a **Deep Depression** over Southeast & adjoining Southwest Bay of Bengal at 0530 hours IST and over Southwest & adjoining Southeast Bay of Bengal at 0830 hours IST of today 01st November 2026. The Deep Depression moved west-northwestwards with speed of 23 kmph during past 6 hours, intensified into the **Cyclonic Storm “Murasu” [Pronunciation: Murasu]** and lay centered at 1130 hours IST of today, the 01st November, 2026 over Southwest & adjoining Westcentral Bay of Bengal, near Latitude 12.1°N and Longitude 85.3°E, about 560 km east-southeast of Chennai (Tamil Nadu), 660 km south-southeast of Vishakhapatnam (Andhra Pradesh), 630 km east-southeast of Nellore (Andhra Pradesh), 640 km southeast of Machilipatnam (Andhra Pradesh) and 680 km east-southeast of Ongole (Andhra Pradesh). It is very likely to move west-northwestwards and intensify further into a **Severe Cyclonic Storm** over Westcentral Bay of Bengal around 2nd November morning. Thereafter it is very likely to move northwestwards and cross south Andhra Pradesh coast as a Severe Cyclonic Storm with wind speed of 100 to 110 kmph gusting 120kmph between Nellore and Narsapur during midnight (2330 Hrs IST) of 02nd to early hours (0400 Hrs IST) of 03rd November, 2026.
- ❖ A **cyclonic circulation** lies over southeast Uttar Pradesh & neighbourhood in lower tropospheric levels.
- ❖ A **Western Disturbance** as a trough in middle & upper tropospheric levels runs roughly along Long. 67°E to the north of Lat. 20°N.
- ❖ An **upper air cyclonic circulation** lies over Southeast Arabian Sea & adjoining Lakshadweep in lower tropospheric levels.
- ❖ An **upper air cyclonic circulation** lies over Arunachal Pradesh & neighbourhood in lower tropospheric levels.
- ❖ An **upper air cyclonic circulation** lies over Eastcentral Arabian Sea & neighbourhood in lower tropospheric level.

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

South Peninsular India:

- ❖ **Fairly Widespread to Widespread** rainfall likely over Kerala & Mahe during 1st-7th November; Lakshadweep during 5th-7th November; Coastal Karnataka and South Interior Karnataka during 2nd-5th November; North Interior Karnataka during 3rd-5th November; Coastal Andhra Pradesh & Yanam during 2nd-4th November; Rayalaseema during 2nd-3rd November; Telangana during 3rd-4th November.
- ❖ **Isolated to Scattered** rainfall likely over Tamil Nadu, Puducherry & Karaikal during 1st-7th November; Lakshadweep during 1st-4th November; Coastal Karnataka and South Interior Karnataka on 1st November and

- during 6th-7th November; North Interior Karnataka during 1st-2nd November and during 6th-7th November; Coastal Andhra Pradesh & Yanam on 1st November and during 5th-7th November; Rayalaseema on 1st November and during 4th-7th November; Telangana during 1st-2nd November and during 5th-7th November.
- ❖ Isolated thunderstorm, lightning & gusty winds (speed reaching 80-90 kmph) likely over Coastal Andhra Pradesh & Yanam during 2nd-3rd November, with gusty winds (speed reaching 40-50 kmph gusting to 60 kmph) likely over Tamil Nadu, Puducherry & Karaikal during 1st-2nd November; Coastal Andhra Pradesh & Yanam during 4th-5th November; Rayalaseema on 1st November and on 4th November; Telangana on 2nd November, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Coastal Karnataka, Kerala & Mahe, North Interior Karnataka and South Interior Karnataka during 1st-5th November; Rayalaseema on 5th November; Telangana on 1st November and during 4th-5th November.
 - ❖ Isolated **thunderstorm & lightning** likely over Tamil Nadu, Puducherry & Karaikal during 3rd-5th November.
 - ❖ Isolated **heavy rainfall** likely over Tamil Nadu, Puducherry & Karaikal during 1st-3rd November; Kerala & Mahe during 1st-4th November; Coastal Karnataka on 3rd November; North Interior Karnataka during 3rd-4th November; South Interior Karnataka during 2nd-3rd November; Coastal Andhra Pradesh & Yanam on 1st November and on 4th November; Telangana on 4th November with isolated **very heavy rainfall** also likely over Tamil Nadu, Puducherry & Karaikal on 01st & 02nd; Rayalaseema during 2nd-3rd November; Telangana on 2nd November.
 - ❖ Isolated **extremely heavy rainfall** likely over Coastal Andhra Pradesh & Yanam during 2nd-3rd November; Telangana on 3rd November.
 - ❖ **Thundersquall (wind speed reaching 60-70 kmph gusting to 80 kmph)** likely over Coastal Andhra Pradesh & Yanam on 1st November; Rayalaseema during 2nd-3rd November.
 - ❖ **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Telangana on 3rd November.

Central India:

- ❖ **Isolated to Scattered** rainfall likely over West Madhya Pradesh during 3rd-5th November; East Madhya Pradesh during 1st-5th November; Vidarbha during 2nd-5th November; Chhattisgarh during 1st-2nd November and during 5th-7th November.
- ❖ **Fairly Widespread to Widespread** rainfall likely over Chhattisgarh during 3rd-4th November.
- ❖ Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Chhattisgarh during 3rd-4th November, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over West Madhya Pradesh during 3rd-5th November; East Madhya Pradesh on 1st November and during 3rd-5th November; Vidarbha during 3rd-4th November.
- ❖ Isolated **thunderstorm & lightning** likely over Chhattisgarh and East Madhya Pradesh on 2nd November.
- ❖ Isolated **heavy rainfall** likely over Chhattisgarh on 2nd November with isolated **very heavy rainfall** also likely over Chhattisgarh during 3rd-4th November.

East India:

- ❖ **Isolated to Scattered** rainfall likely over Andaman & Nicobar Islands during 1st-7th November; Jharkhand and Sub-Himalayan West Bengal & Sikkim during 1st-4th November; Gangetic West Bengal during 1st-3rd November; Bihar during 1st-2nd November; Odisha on 1st November and during 5th-7th November.
- ❖ **Fairly Widespread to Widespread** rainfall likely over Odisha during 2nd-4th November.
- ❖ Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Odisha during 1st-2nd November and on 5th November.
- ❖ Isolated **heavy rainfall** likely over Odisha on 2nd November with isolated **very heavy rainfall** also likely over south Odisha during 3rd-4th November.
- ❖ **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Odisha during 3rd-4th November.

Northwest India:

- ❖ **Isolated to Scattered** rainfall likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 1st-2nd November and on 5th November; Himachal Pradesh and Uttarakhand during 1st-2nd November.
- ❖ **Isolated to Scattered** rainfall likely over East Uttar Pradesh during 1st-2nd November.
- ❖ **Shallow to Moderate fog** at isolated places over Uttar Pradesh on 01st & 02nd November.

Northeast India:

- ❖ **Isolated to Scattered** rainfall likely over Arunachal Pradesh during 1st-5th November; Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during 1st-7th November.
- ❖ Isolated **heavy rainfall** likely over Arunachal Pradesh on 2nd November.

West India:

- ❖ **Isolated to Scattered** rainfall likely over Konkan & Goa, Madhya Maharashtra and Marathwada during 1st-5th November; Gujarat Region during 1st-3rd November; Saurashtra & Kutch on 1st November.

- ❖ Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Konkan & Goa during 2nd-3rd November; Madhya Maharashtra during 1st-4th November; Marathwada on 3rd November.

Wind warnings:

❖ **Southeast Bay of Bengal:**

Squally weather with wind speed reaching 55-65 gusting to 75 kmph is prevailing over southeast Bay of Bengal. It is likely to increase becoming gale wind speed reaching 65-75 gusting to 85 kmph over southeast adjoining Southwest Bay of Bengal by forenoon of 1st November. It would decrease gradually thereafter, becoming squally winds reaching 50-60 gusting to 70 kmph from night of 2nd November and decrease gradually thereafter.

❖ **Southwest Bay of Bengal:**

Squally weather with wind speed reaching 55-65 gusting to 75 kmph is prevailing. It is likely to increase becoming gale wind speed reaching 65-75 gusting to 85 kmph by forenoon of 1st November. It is likely to increase becoming 80-90 gusting to 100 kmph by evening of 01st November till 2nd November early morning. It would decrease gradually thereafter, becoming 50-60 gusting to 70 kmph from evening of 02nd November evening and 40-50 gusting to 60 kmph by 03rd November morning and decrease 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 by afternoon of 1st November and 80-90 gusting to 100 kmph from night 01nd November, 90-100 gusting to 110 kmph from 02nd November morning and 100-110 gusting to 120 kmph by midnight of 02nd November till 03rd November forenoon. It would decrease gradually thereafter, becoming 55-65 gusting to 75 kmph by 3rd November afternoon and 40-50 gusting to 60 kmph by 3rd midnight for subsequent 6 hours and improve thereafter.

❖ **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 likely to increase becoming gale wind speed reaching 65-75 gusting to 85 kmph by noon of 2nd November, 80-90 gusting to 100 kmph from evening of 2nd and 100-110 gusting to 120 kmph by midnight of 02nd November till 03rd November noon. It would decrease gradually thereafter, becoming 55-65 gusting to 75 kmph by 3rd November afternoon and 40-50 gusting to 60 kmph by 3rd midnight for subsequent 6 hours and decrease 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 afternoon, becoming 55-65 gusting to 75 kmph from 2nd Morning and 60-70 gusting to 80 kmph from 2nd evening till morning of 3rd November. It would decrease gradually thereafter, becoming 40-50 gusting to 60 kmph from 3rd November afternoon for next 6 hours.

❖ **Adjoining Areas of 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, morning. It is likely to increase becoming 50-60 gusting to 70 kmph from 2nd November, evening to 3rd November noon. It would decrease gradually thereafter, becoming 40-50 gusting to 60 kmph from 3rd November night to 4th November, afternoon.

❖ **Telangana & Rayalaseema**

Squally weather with wind speed reaching 40-50 gusting to 60 kmph is likely to commence from 2nd November afternoon, becoming 55-65 gusting to 75 kmph from 2nd midnight and 70-80 gusting to 90 kmph from early hours to afternoon of 3rd November. It would decrease gradually thereafter, becoming 40-50 gusting to 60 kmph from 3rd November midnight for next 6 hours.

Sea condition:

❖ **Southeast Bay of Bengal**

Very rough to high Sea conditions are prevailing over southeast Bay of Bengal. It is likely to deteriorate becoming high by forenoon of 1st November. It would improve gradually thereafter, becoming Very rough to rough from night of 2nd November till 03rd morning and improve gradually thereafter.

❖ **Southwest Bay of Bengal:**

Sea condition is likely to be Very Rough to high from 1st November, morning till 02nd November morning. It would improve gradually thereafter, becoming Very Rough to Rough from 02nd November afternoon to 03rd November morning.

❖ **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 and becoming high to very high 02nd November morning till 3rd November, noon. Thereafter, it would start improving becoming Very Rough to Rough by 4th morning and improve thereafter.

❖ **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 from 01st November midnight and high to very high from 02nd November morning till 3rd November, noon. 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, afternoon till 4th November, morning. It would improve gradually thereafter.

❖ **Adjoining Areas of 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.

Storm Surge Warning (Annexure III)

Storm surge of about 1.0 m height above astronomical tide is very likely to inundate low lying areas of South coastal Andhra Pradesh during the time of landfall. The maximum peak surge is expected over Bapatla, Krisna and Prakasam district.

Fishermen warnings: (Annexure IV)

Fishermen are advised not to venture into:

- ❖ Southeast Bay of Bengal on 1st and 2nd November,
- ❖ Southwest Bay of Bengal till morning of 4th November
- ❖ Westcentral Bay of Bengal till 4th November afternoon
- ❖ Along & off Andhra Pradesh coast from morning of 2nd to 4th November afternoon
- ❖ Along & off North Tamil Nadu- Puducherry coasts till 4th November morning.
- ❖ Adjoining Areas of 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 V)

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>

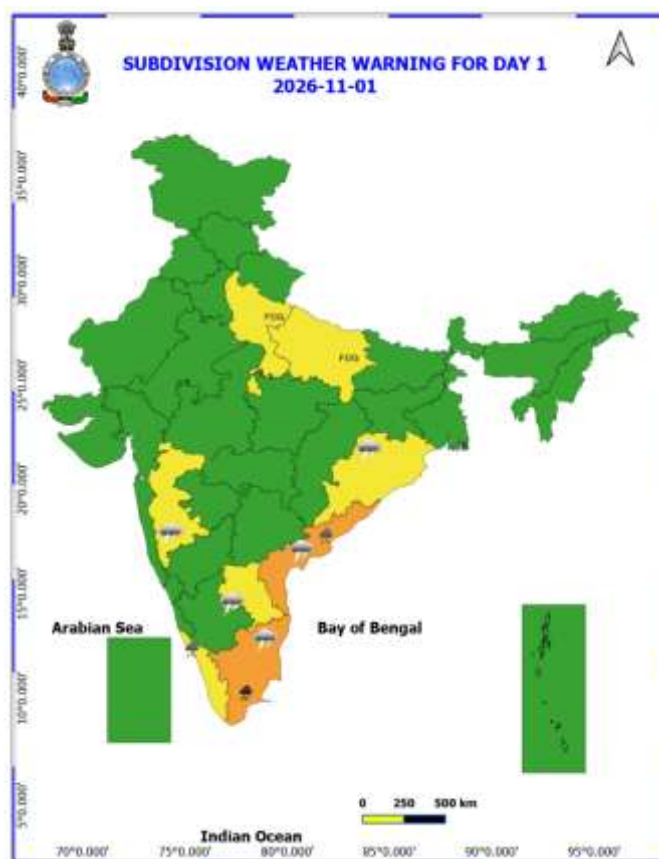
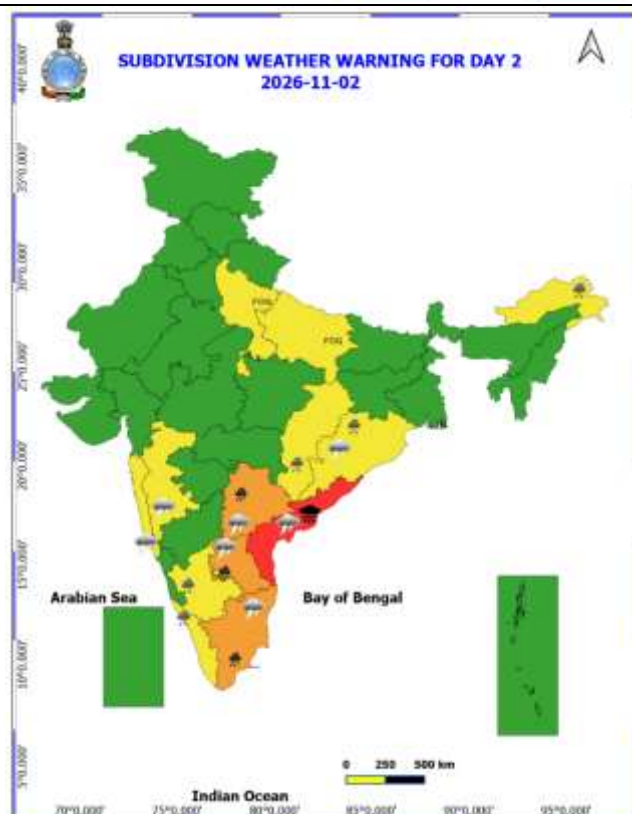
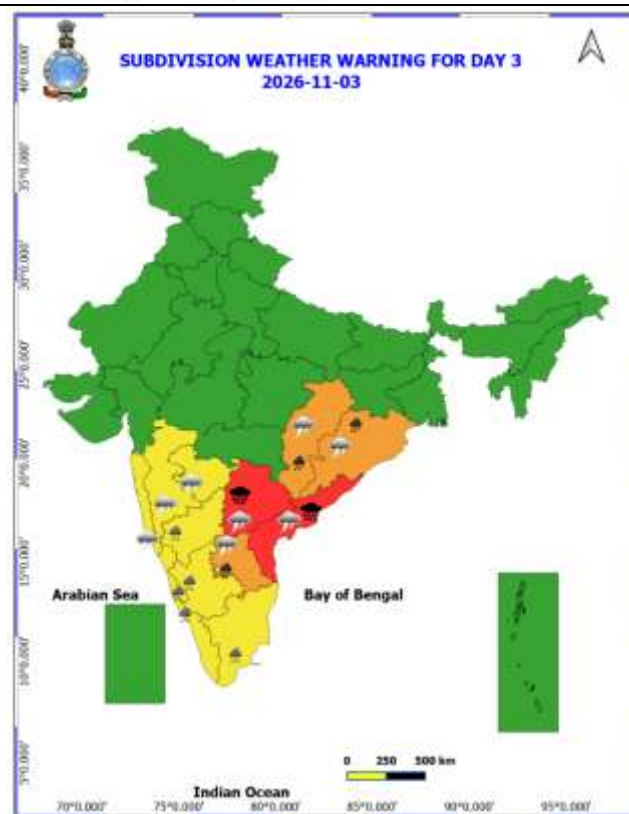
For Fishermen warning refer <https://rsmcnewdelhi.imd.gov.in/fishermenwarning.php>

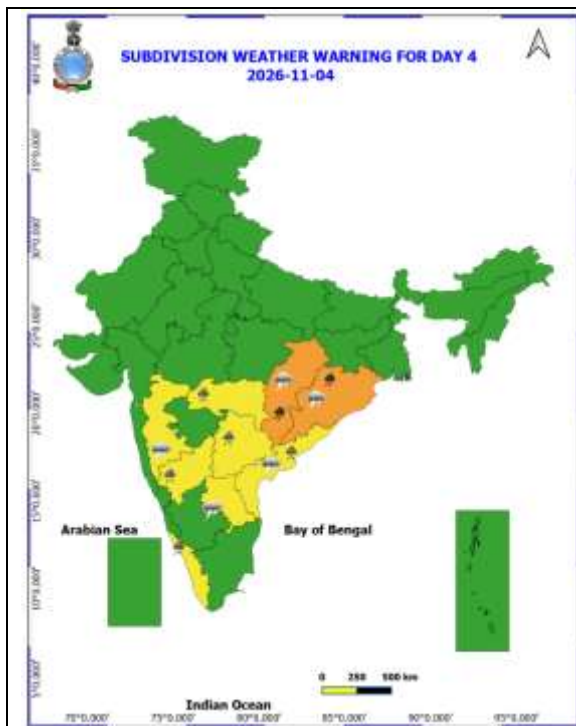
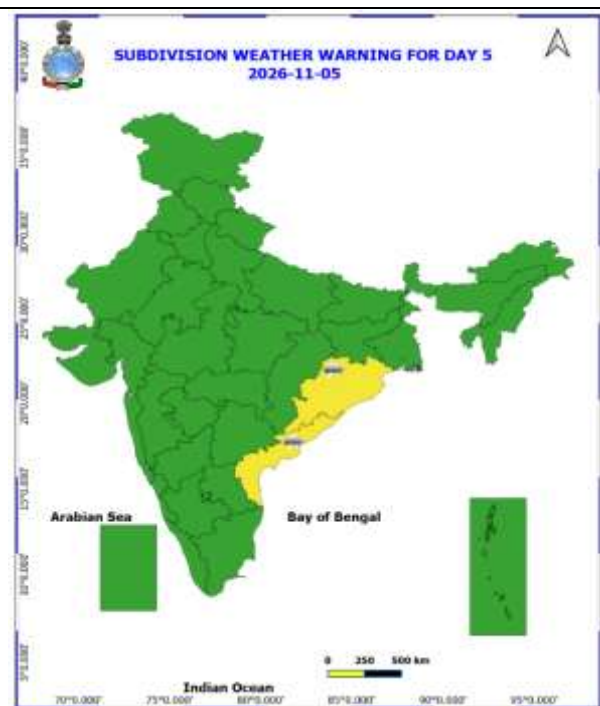
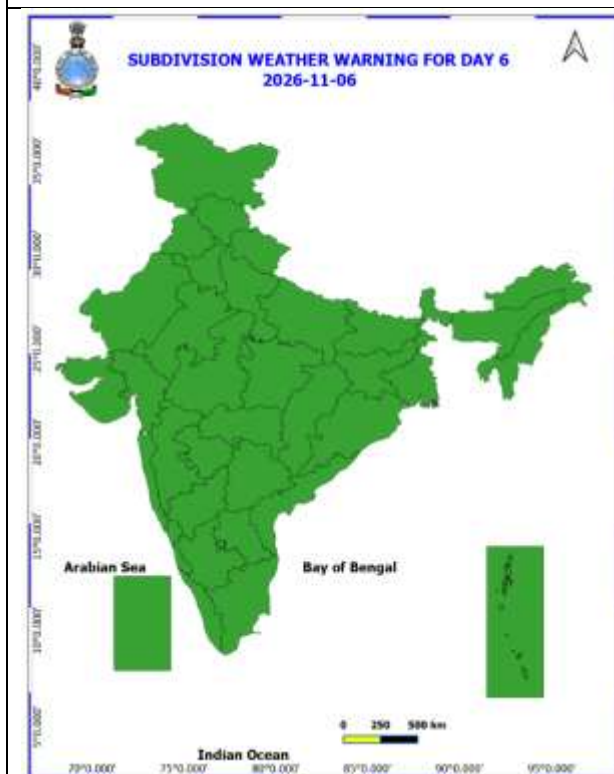
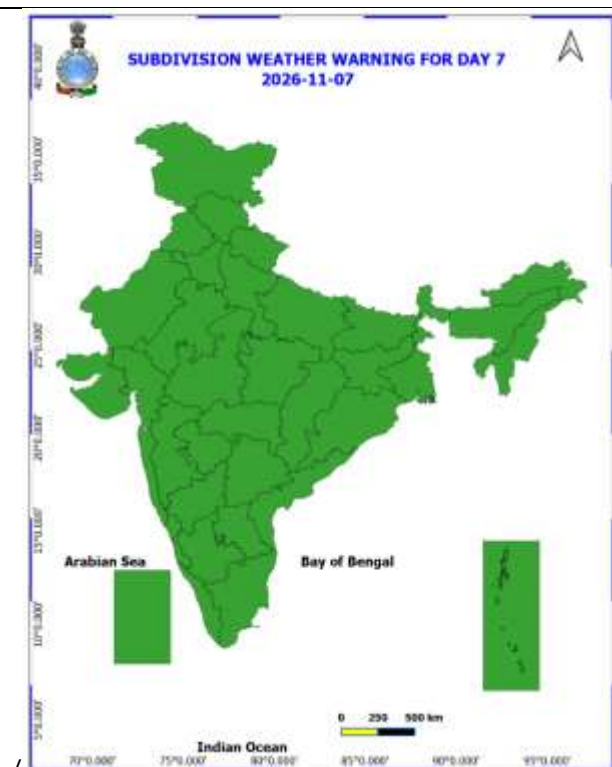
Highest rainfall recorded (≥ 7 cm) (from 0830 hours IST of yesterday to 0830 hours IST of today over different Meteorological Subdivision):

- ❖ **Tamil Nadu:** Coonoor PTO (Nilgiris) 7

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

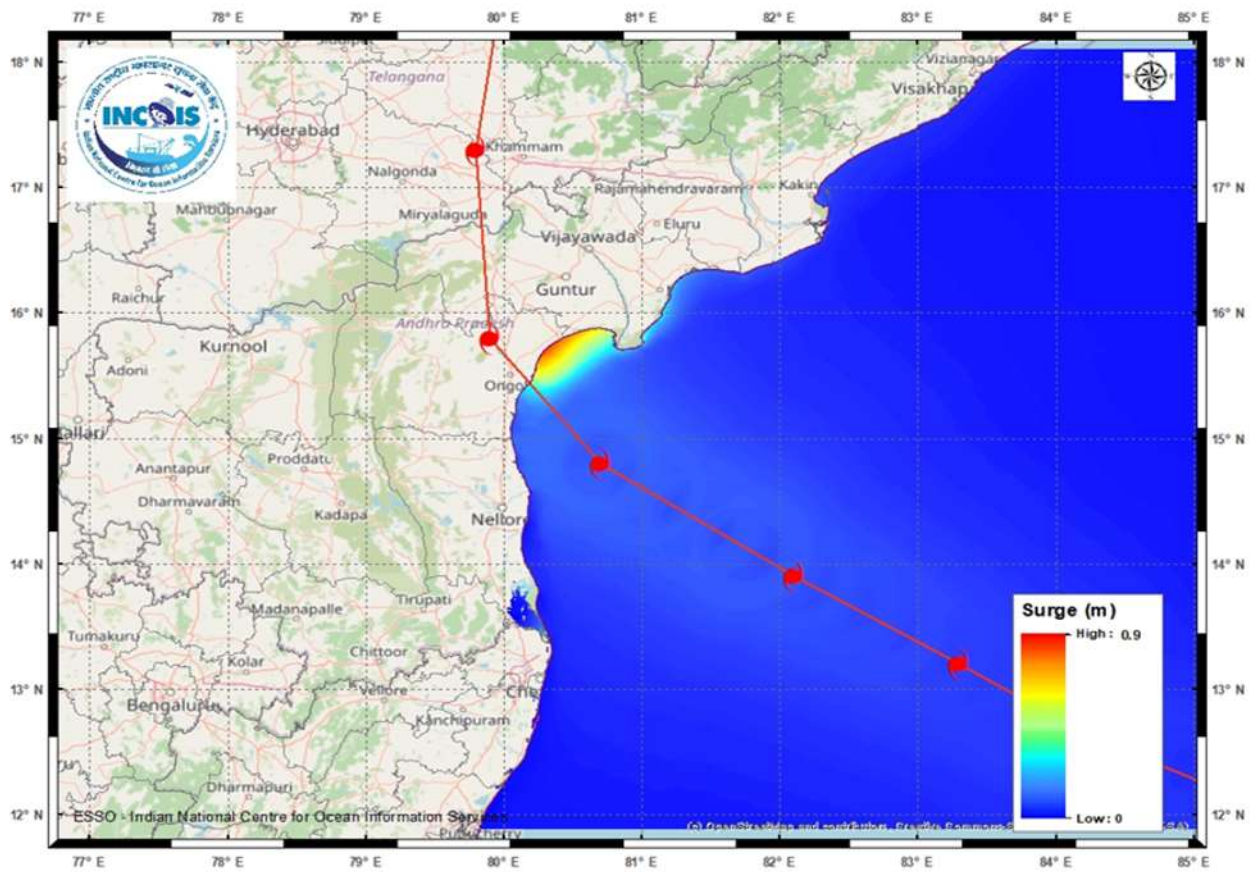
- As the lead period increases forecast accuracy decrease.





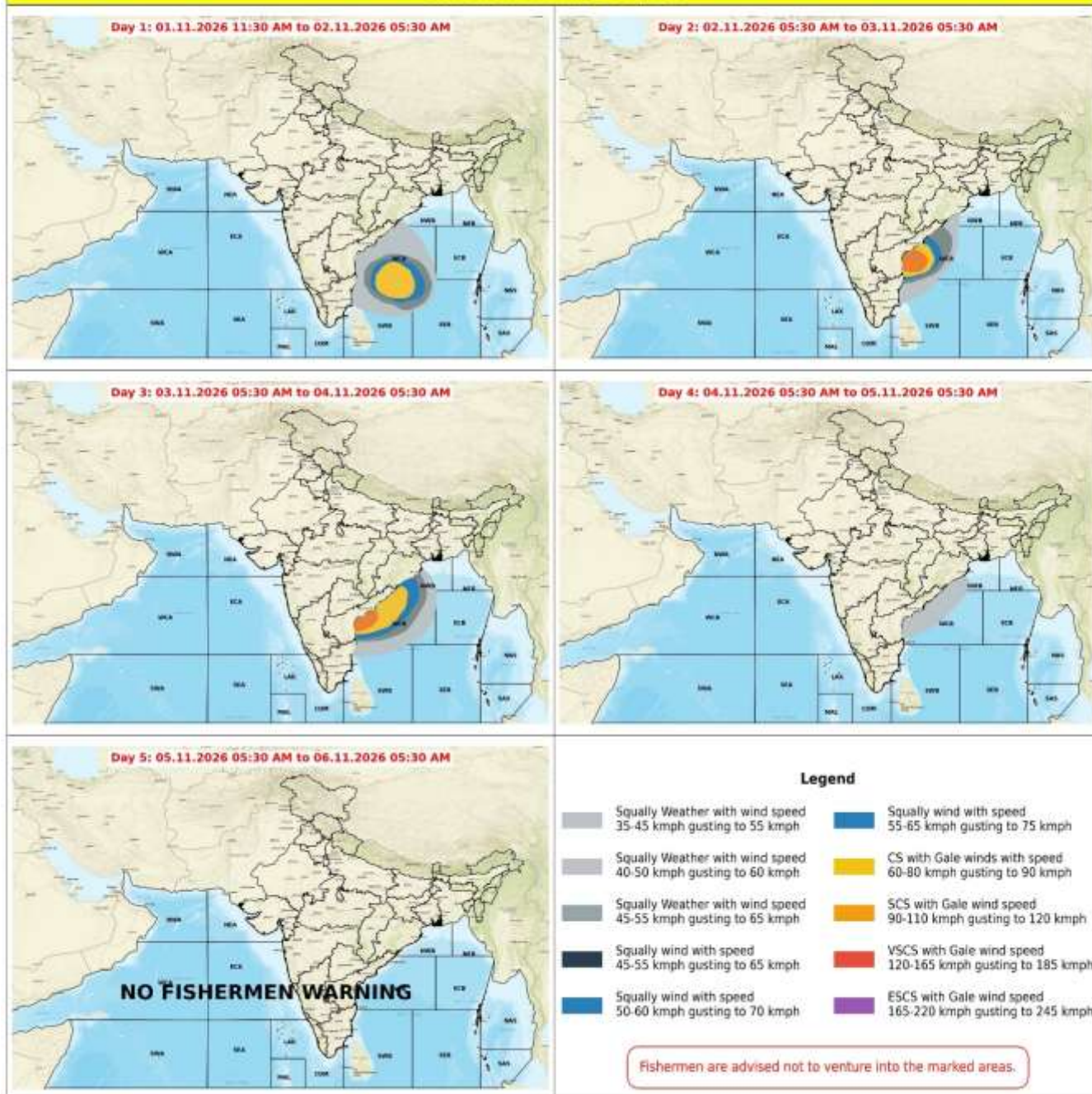
Action may be taken based on ORANGE AND REDCOLOUR warnings.
Vulnerable regions likely urban and hilly areas action may be initiated for heavy rainfall warning.
As the lead period increases forecast accuracy decreases.

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





Fishermen Warning Graphics



Weather forecast over Delhi/NCR during 01st November to 04th November 2026**Past Weather:**

There has been rise in maximum temperatures by 5-7°C and rise in minimum temperatures by 1-2°C over Delhi during the past 24 hours. The maximum temperatures were in the range of 26-28°C and the minimum temperatures are in the range 17-18°C respectively during past 24 hours over Delhi. The minimum temperatures are above normal (1.6°C to 3.0°C) at many places and normal (-1.5°C to 1.5°C) over remaining parts of Delhi during the past 24 hours. The maximum temperatures were markedly below normal (-5.1°C or less) at isolated places and appreciably below normal (-3.1°C to -5.0°C) at many places over Delhi. Mainly clear sky with surface wind speeds up to 16 kmph from the west direction prevailed over Delhi during past 24 hours. Mainly clear sky with surface wind speeds up to 12 kmph from the west directions prevailed during forenoon over the region today.

Weather Forecast:

01.11.2026: Mainly clear sky. The maximum temperatures over Delhi are likely to be in the range of 27-29°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 15 kmph during the 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 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 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 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 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 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 the northwest direction during evening and night hours.

04.11.2026: Mainly clear sky. The maximum and minimum temperatures over Delhi are likely to be in the range of 27°C to 29°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 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.

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

- ❖ Isolated extremely heavy rainfall likely over Coastal Andhra Pradesh & Yanam during 2nd-3rd November; Telangana on 3rd November.
- ❖ Isolated very heavy rainfall also likely over Tamil Nadu, Puducherry & Karaikal on 1st & 2nd; Rayalaseema during 2nd-3rd November; Telangana on 2nd November; Chhattisgarh and Odisha during 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, vegetable, banana and papaya fields to prevent waterlogging. Lift lodged rice and vegetable plants after rainfall subsides, and raise and tie lodged sugarcane. Continue harvesting mature groundnut and protect the harvested produce. Withhold sowing of rabi maize, green gram, black gram, horse gram and sunhemp until optimum soil moisture is attained. Provide mechanical support to banana and papaya plantations and stake young plants and vegetables.
- In **Rayalaseema**, ensure adequate drainage in standing crops and postpone irrigation, fertilizer application and spraying during the rainfall spell. Postpone sowing of bengal gram and other crops.
- In **Chhattisgarh**, ensure extensive drainage in mature paddy, groundnut, sesame, vegetables, unharvested maize and pulses to prevent waterlogging. Postpone harvesting, drying and threshing of mature paddy and minor millets during rainfall and resume only when weather and field conditions are suitable. Protect harvested produce in safe, covered places and cover fruit and vegetable nurseries with polythene sheets or tarpaulins. Postpone fresh sowing and transplanting of winter vegetables until the rainfall spell subsides and soil conditions become suitable. Stake vine crops and provide support to young plants.
- In **Odisha**, drain excess water from paddy, maize, groundnut, pulses, cotton, sugarcane, vegetables and orchards, particularly in low-lying fields. In lodged paddy, tie panicles into bundles and raise them upright after water recedes; harvest mature crops only when fields become workable and protect harvested produce from further rainfall. Provide support to banana and papaya plants, prop sugarcane and stake vegetables and young fruit plants against lodging.
- In **Tamil Nadu**, ensure drainage in waterlogged rice and banana fields, and provide mechanical support to banana plantations. Harvest matured paddy and groundnut during suitable dry intervals and move the produce to safe, covered places.
- In **Keralam**, ensure proper drainage in standing crop fields. Undertake rabi rice transplanting only when field conditions are suitable and prepare well-drained planting pits for banana. Provide support to banana and papaya plantations and stake young plants and vegetables wherever required to minimise damage from gusty winds.

- In **South Interior Karnataka**, ensure adequate drainage in paddy, ginger and other standing crops. Postpone harvesting, irrigation, fertilizer application and plant protection operations during rainfall. Provide mechanical support to banana and papaya plantations and stake young plants and vegetables in areas exposed to gusty winds.

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.

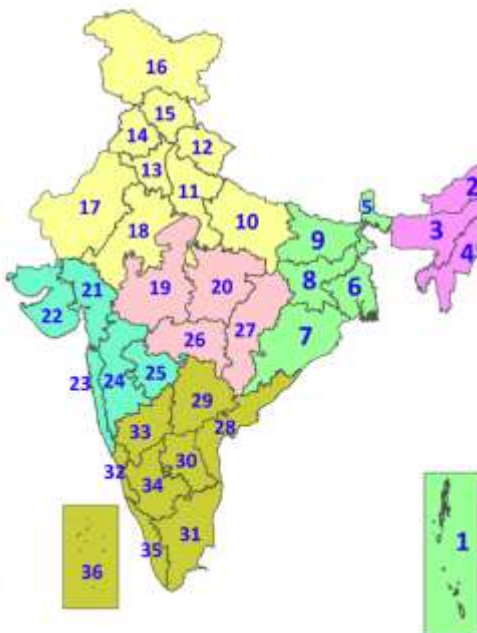
Northeast India: Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.

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	<p>When maximum temperature of a station reaches $\geq 40^{\circ}\text{C}$ for plains and $\geq 30^{\circ}\text{C}$ for hilly regions</p> <p>(a) Based on Departure from normal</p> <p>Heat Wave: Maximum Temperature Departure from normal 4.5°C to 6.4°C.</p> <p>Severe Heat Wave: Maximum Temperature Departure from normal $\geq 6.5^{\circ}\text{C}$</p> <p>(b). Based on Actual maximum temperature</p> <p>Heat Wave: When actual maximum temperature $\geq 45^{\circ}\text{C}$.</p> <p>Severe Heat Wave: When actual maximum temperature $\geq 47^{\circ}\text{C}$.</p> <p>(c). Criteria for heat wave for coastal stations</p> <p>When maximum temperature departure is $>4.5^{\circ}\text{C}$ from normal. Heat Wave may be described provided maximum temperature $\geq 37^{\circ}\text{C}$</p>
Warm Night	<p>When maximum temperature remains 40°C</p> <p>Warm Night: When minimum temperature departure 4.5°C to 6.4°C.</p> <p>Severe Warm Night: When minimum temperature departure $>6.4^{\circ}\text{C}$.</p>
Cold Wave	<p>When minimum temperature of a station $\leq 10^{\circ}\text{C}$ for plains and $\leq 0^{\circ}\text{C}$ for hilly regions.</p> <p>(a). Based on departure</p> <p>Cold Wave: Minimum Temperature Departure from normal -4.5°C to -6.4°C.</p> <p>Severe Cold Wave: Minimum Temperature Departure from normal $\leq -6.5^{\circ}\text{C}$</p> <p>(b) Based on actual Minimum Temperature (for Plains only)</p> <p>Cold Wave : When Minimum Temperature is $\leq 4.0^{\circ}\text{C}$</p> <p>Severe Cold Wave: When Minimum Temperature is $\leq 2.0^{\circ}\text{C}$</p> <p>(c) For Coastal Stations</p> <p>When Minimum Temperature departure is $\leq -4.5^{\circ}\text{C}$ & actual Minimum Temperature is $\leq 15^{\circ}\text{C}$</p>
Cold Day	<p>When minimum temperature of a station $\leq 10^{\circ}\text{C}$ for plains and $\leq 0^{\circ}\text{C}$ for hilly regions</p> <p>Based on departure</p> <p>Cold Day: Maximum Temperature Departure from normal -4.5°C to -6.4°C.</p> <p>Severe Cold Day: Maximum Temperature Departure from normal $\leq -6.5^{\circ}\text{C}$</p>
Fog	<p>Phenomenon of small droplets suspended in air and the horizontal visibility $< 1\text{km}$</p> <p>Moderate Fog: When the visibility between 500-200 metres</p> <p>Dense Fog: when the visibility between 50- 200 metres</p> <p>Very Dense Fog: when the visibility < 50 metres</p>
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	<p>Ice deposits on ground</p> <p>Air temperature $\leq 4^{\circ}\text{C}$ (over Plains)</p>
Squall	<p>A strong wind that rises suddenly, lasts for atleast 1 minute.</p> <p>Moderate: Wind speed 52-61 kmph</p> <p>Severe: Wind speed 62-87 kmph</p> <p>Very Severe: Wind speed >87 kmph</p>
Sea State	<p>Effect of various waves in the sea over specific area</p> <p>Rough to very rough: Wind speed 41-62 kmph (22-33 knots) & Wave height 2.5-6 metre</p> <p>High to very high: Wind speed 63-117 kmph (34-63 knots) & Wave height 6-14 metre</p> <p>Phenomenal: Wind speed >117 kmph (>63 knots) & Wave height >14 metre</p>
Cyclone	<p>Cyclonic Storm: Wind speed 62-87 kmph (34-47 knots)</p> <p>Severe Cyclonic Storm: Wind speed 88-117 kmph (48-63 knots)</p> <p>Very Severe Cyclonic Storm: Wind speed 118-185 kmph (64 - 89 knots)</p> <p>Extremely Severe Cyclonic Storm: Wind speed 186-220 kmph (90 -119 knots)</p> <p>Super Cyclone Strom: Wind speed >220 kmph (>119 knots)</p>

* 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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