



Government of India
Ministry of Earth Sciences
India Meteorological Department



Press Release

Date: 28th July 2026

Time of Issue: 1315 hours IST

Subject: (i) Under the influence of Deep Depression over north interior Odisha & adjoining Gangetic West Bengal, isolated extremely heavy rainfall (≥ 21 cm) likely over Odisha on 28th, Chhattisgarh on 28th & 29th, East Madhya Pradesh on 29th, Vidarbha on 29th & 30th, West Madhya Pradesh on 30th and Gujarat Region on 31st July, 2026.

(ii) Monsoon rainfall is likely to be normal to above normal over northwest and central India during next 4-5 days.

Realised weather during past 24 hours ending at 0830 hours IST of today, the 28th July, 2026:

- ❖ **Extremely heavy rainfall (≥ 21 cm) has been recorded over** Odisha, Uttarakhand
- ❖ **Very Heavy rainfall (12-20 cm) has been recorded over** Jharkhand, Himachal Pradesh, Punjab, East Madhya Pradesh, Konkan & Goa, Madhya Maharashtra
- ❖ **Heavy rainfall (7-11 cm) has been recorded over** Gangetic West Bengal, Haryana, Rajasthan, West Madhya Pradesh, Chhattisgarh, Gujarat Region, Assam, Coastal Karnataka, South Interior Karnataka, Telangana.

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

- ❖ The **Monsoon trough** lies south of its normal position at mean sea level.
- ❖ Yesterday's **Deep Depression** now lay over north interior Odisha and adjoining Gangetic West Bengal at 0830 hrs IST of today, the 28th July 2026. It is very likely to move west-northwestwards across north Odisha, south Jharkhand and north Chhattisgarh during next 24 Hrs.
- ❖ An **upper air cyclonic circulation** lies over southwest Uttar Pradesh in lower tropospheric level.
- ❖ An **upper air cyclonic circulation** lies over northwest Madhya Pradesh in lower tropospheric level.
- ❖ An **upper air cyclonic circulation** lies over northeast Assam in lower tropospheric level.
- ❖ A **Western Disturbance** seen as a trough in middle & upper tropospheric westerlies with its axis in middle tropospheric level roughly along Long. 70°E to the north of Lat. 32°N.

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

Northwest India:

- ❖ **Fairly Widespread to Widespread** rainfall likely over Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Uttarakhand during 28th July-3rd August.
- ❖ **Fairly Widespread to Widespread** rainfall likely over Haryana Chandigarh & Delhi and Punjab during 28th-31st July and during 2nd-3rd August; East Rajasthan and West Uttar Pradesh during 28th July-3rd August; East Uttar Pradesh during 28th-30th July and during 2nd-3rd August; West Rajasthan during 1st-2nd August.
- ❖ **Isolated to Scattered** rainfall likely over Haryana Chandigarh & Delhi and Punjab on 1st August; East Uttar Pradesh during 31st July-1st August; West Rajasthan during 28th-31st July and on 3rd August.
- ❖ Isolated **thunderstorm, lightning & gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 29th July-3rd August.
- ❖ Isolated **thunderstorm, lightning & gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over East Rajasthan and West Rajasthan during 28th July-3rd August.
- ❖ Isolated **thunderstorm & lightning** likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad on 28th July; Uttarakhand during 28th July-3rd August; East Uttar Pradesh and West Uttar Pradesh during 28th-30th July.
- ❖ Isolated **heavy rainfall** likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 28th-29th July and during 31st July-3rd August; Himachal Pradesh and Uttarakhand during 31st July-3rd August; Haryana Chandigarh & Delhi and Punjab during 30th July-3rd August; West Uttar Pradesh during 29th-30th July and during 2nd-3rd August; East Uttar Pradesh during 28th-29th July and on 3rd August; West Rajasthan during 30th July-2nd August; East Rajasthan during 28th-29th July and during 2nd-3rd August with isolated **very heavy rainfall** also likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad on 30th July; Himachal Pradesh and Uttarakhand during 28th-30th July; Haryana Chandigarh & Delhi and Punjab during 28th-29th July; West Uttar Pradesh on 28th July; East Rajasthan during 30th July-1st August.

Central India:

- ❖ **Fairly Widespread to Widespread** rainfall likely over Vidarbha and West Madhya Pradesh during 28th July-1st August; East Madhya Pradesh during 28th July-2nd August; Chhattisgarh during 28th July-3rd August.
- ❖ **Isolated to Scattered** rainfall likely over Vidarbha and West Madhya Pradesh during 2nd-3rd August; East Madhya Pradesh on 3rd August.
- ❖ Isolated **thunderstorm, lightning & gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over East Madhya Pradesh and West Madhya Pradesh during 28th July-1st August; Vidarbha during 28th-30th July.
- ❖ Isolated **thunderstorm & lightning** likely over Vidarbha during 31st July-1st August.
- ❖ Isolated **heavy rainfall** likely over West Madhya Pradesh on 28th July, on 30th July and during 1st-2nd August; East Madhya Pradesh on 29th July and on 31st July; Vidarbha during 29th-31st July; Chhattisgarh during 28th-30th July with isolated **very heavy rainfall** also likely over West Madhya Pradesh on 29th July and on 31st July; East Madhya Pradesh on 28th July and on 30th July; Vidarbha on 28th July.
- ❖ **Heavy to very heavy rainfall at few places with extremely heavy rainfall likely at isolated places over Chhattisgarh on 28th & 29th, East Madhya Pradesh on 29th & Vidarbha on 29th & 30th, West Madhya Pradesh on 30th July.**

East India:

- ❖ **Fairly Widespread to Widespread** rainfall likely over Andaman & Nicobar Islands, Gangetic West Bengal and Sub-Himalayan West Bengal & Sikkim during 28th July-3rd August; Jharkhand during 28th-29th July and during 1st-3rd August; Bihar during 31st July-3rd August; Odisha during 28th-30th July and on 3rd August.
- ❖ **Isolated to Scattered** rainfall likely over Jharkhand during 30th-31st July; Bihar during 28th-30th July; Odisha during 31st July-2nd August.
- ❖ Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Gangetic West Bengal on 28th July, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Gangetic West Bengal and Odisha on 29th July; Jharkhand during 28th July-1st August; Bihar during 28th July-3rd August.
- ❖ Isolated **thunderstorm & lightning** likely over Sub-Himalayan West Bengal & Sikkim during 28th July-3rd August.
- ❖ Isolated **heavy rainfall** likely over Gangetic West Bengal and Sub-Himalayan West Bengal & Sikkim on 28th July; Jharkhand on 29th July and during 2nd-3rd August; Bihar during 31st July-3rd August; Odisha on 28th July and on 3rd August with isolated **very heavy rainfall** also likely over Jharkhand on 28th July; Odisha on 29th July.
- ❖ **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Odisha on 28th July.
- ❖ **Heavy to very heavy rainfall at few places with extremely heavy rainfall likely at isolated places over Odisha on 28th July.**

Northeast India:

- ❖ **Isolated to Scattered** rainfall likely over Arunachal Pradesh on 28th July and on 3rd August; Nagaland, Manipur, Mizoram & Tripura during 1st-3rd August.
- ❖ **Fairly Widespread to Widespread** rainfall likely over Arunachal Pradesh during 29th July-2nd August; Assam & Meghalaya during 28th July-3rd August; Nagaland, Manipur, Mizoram & Tripura during 28th-31st July.
- ❖ Isolated **thunderstorm & lightning** likely over Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during 28th July-1st August.
- ❖ Isolated **heavy rainfall** likely over Arunachal Pradesh during 28th-31st July and on 2nd August; Assam & Meghalaya during 28th July-3rd August; Nagaland, Manipur, Mizoram & Tripura during 30th-31st July with isolated **very heavy rainfall** also likely over Arunachal Pradesh on 1st August; Nagaland, Manipur, Mizoram & Tripura during 28th-29th July and during 2nd-3rd August.

West India:

- ❖ **Fairly Widespread to Widespread** rainfall likely over Konkan & Goa during 28th July-3rd August; Madhya Maharashtra during 28th July-1st August; Marathawada during 28th-31st July; Gujarat Region on 28th July and during 30th July-2nd August; Saurashtra & Kutch during 31st July-2nd August.
- ❖ **Isolated to Scattered** rainfall likely over Madhya Maharashtra during 2nd-3rd August; Marathawada during 1st-3rd August; Gujarat Region on 29th July and on 3rd August; Saurashtra & Kutch during 28th-30th July and on 3rd August.
- ❖ Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Konkan & Goa and Madhya Maharashtra during 28th-30th July; Marathawada during 28th-31st July; Gujarat Region and Saurashtra & Kutch during 28th July-1st August.
- ❖ Isolated **heavy rainfall** likely over Konkan & Goa during 28th-30th July and on 1st August; Madhya Maharashtra during 28th-29th July and on 1st August; Marathawada during 28th-30th July; Gujarat Region on 28th July and on 31st July; Saurashtra & Kutch during 31st July-1st August with isolated **very heavy rainfall** also likely over

Konkan & Goa on 31st July; Madhya Maharashtra during 30th-31st July; Gujarat Region on 30th July and during 1st-2nd August.

- ❖ **Heavy to very heavy rainfall at few places with extremely heavy rainfall likely at isolated places over Gujarat Region on 31st July.**

South Peninsular India:

- ❖ **Isolated to Scattered** rainfall likely over Coastal Andhra Pradesh & Yanam, Rayalaseema, South Interior Karnataka and Tamil Nadu, Puducherry & Karaikal during 28th July-3rd August; North Interior Karnataka on 28th July and during 30th July-3rd August; Telangana during 29th July-3rd August.
- ❖ **Fairly Widespread to Widespread** rainfall likely over Coastal Karnataka, Kerala & Mahe and Lakshadweep during 28th July-3rd August; North Interior Karnataka on 29th July; Telangana on 28th July.
- ❖ **Isolated thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Tamil Nadu, Puducherry & Karaikal during 28th-30th July; Kerala & Mahe and Lakshadweep during 30th July-1st August; North Interior Karnataka during 28th-31st July; Coastal Andhra Pradesh & Yanam and Rayalaseema during 28th July-1st August, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Kerala & Mahe and Lakshadweep during 28th-29th July; Coastal Karnataka, South Interior Karnataka and Telangana during 28th July-1st August.
- ❖ **Isolated heavy rainfall** likely over Tamil Nadu, Puducherry & Karaikal during 30th July-1st August; Kerala & Mahe during 28th July-2nd August; Coastal Karnataka and North Interior Karnataka during 28th July-1st August; South Interior Karnataka on 29th July and on 1st August; Coastal Andhra Pradesh & Yanam and Telangana during 28th-29th July with isolated **very heavy rainfall** also likely over South Interior Karnataka on 28th July and during 30th-31st July.
- ❖ **Strong Surface Winds** likely over Coastal Karnataka, Kerala & Mahe, Lakshadweep, North Interior Karnataka, Rayalaseema, South Interior Karnataka and Telangana during 28th July-1st August; Coastal Andhra Pradesh & Yanam during 29th July-1st August.

Heat Wave, Hot & Humid weather and Warm Night conditions warning:

- ❖ **Hot and humid** weather conditions likely to prevail over Coastal Andhra Pradesh & Yanam on 28th July.

Sea Condition, Fishermen & Wind Warnings associated with the Deep Depression over north interior Odisha & adjoining Gangetic West Bengal.

Wind Warning:

- ❖ Squally winds with speed reaching 45-55 kmph gusting to 65 kmph is likely to prevail over Northwest Bay of Bengal & adjoining Odisha-West Bengal coasts till evening of 28th July and decrease gradually thereafter.
- ❖ Squally winds with speed reaching 45-55 kmph gusting to 65 kmph is likely to prevail over north interior Odisha and adjoining West Bengal till evening of 28th July and thereafter over South Jharkhand & adjoining North Chhattisgarh from 28th night till 29th afternoon and decrease gradually thereafter.
- ❖ Squally weather with wind speed reaching 40-50 kmph adjoining westcentral Bay of Bengal and along & off north Andhra Pradesh coast till 28th July evening and decrease gradually thereafter.

Sea Condition:

- ❖ **Sea condition is very likely to be very rough to rough** over northwest Bay of Bengal and along & off Odisha, & West Bengal, and Andhra Pradesh coasts till 28th July evening and thereafter rough over the same region during till morning of 29th July. It is likely to improve gradually thereafter.

Fishermen Warning:

- ❖ Fishermen are advised not to venture into northwest Bay of Bengal and along & off Odisha, West Bengal & north Andhra Pradesh coasts till morning of 29th July.

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>

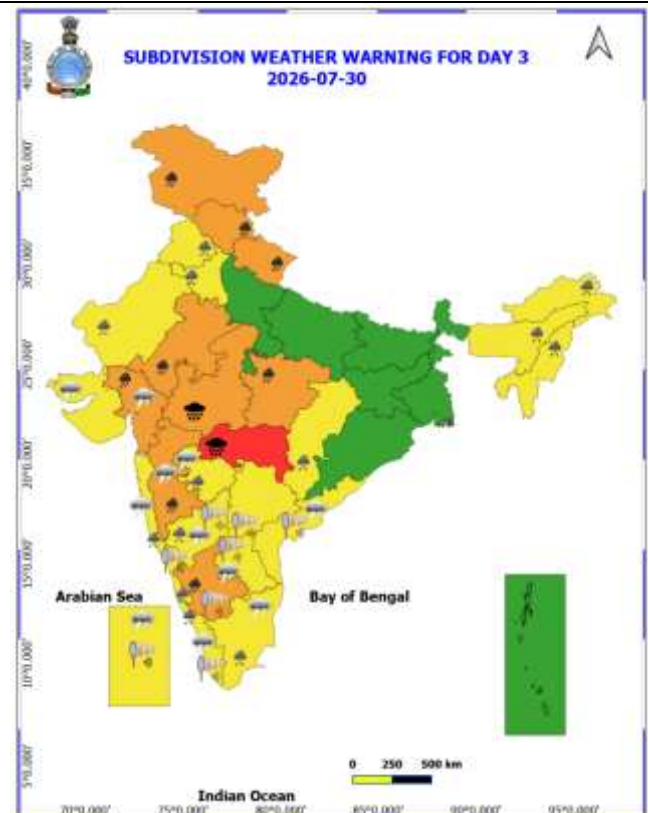
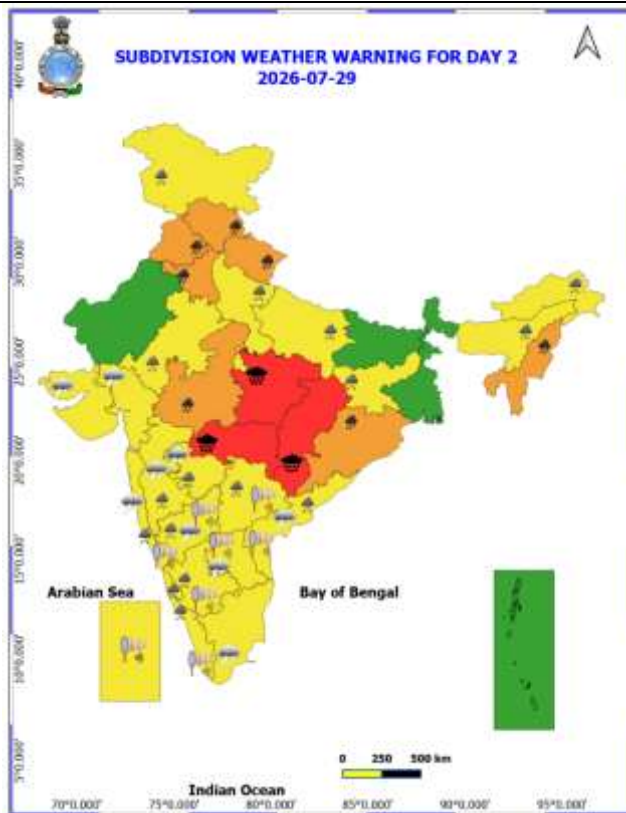
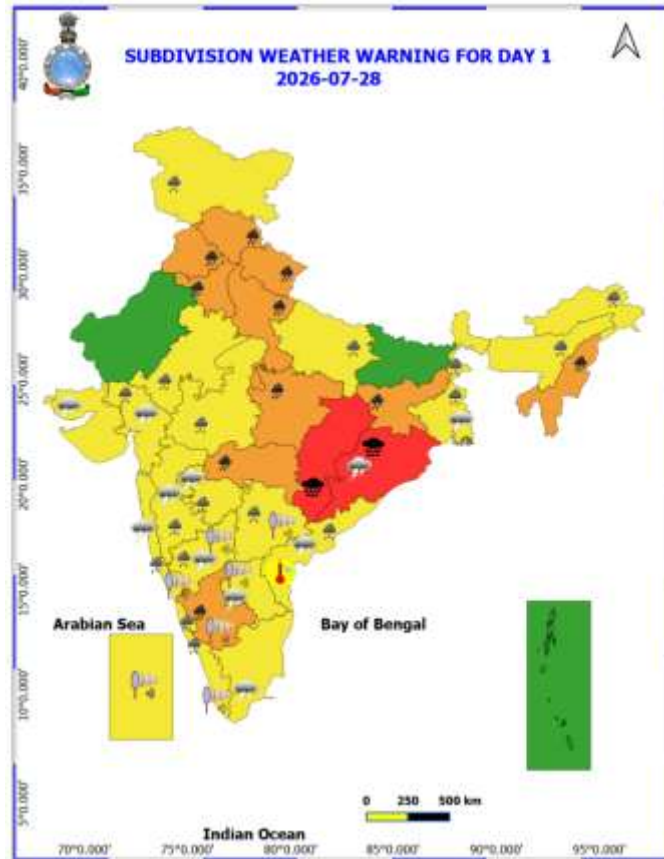
For national bulletin associated with the Depression refer https://rsmcnewdelhi.imd.gov.in/national_bulletin.php

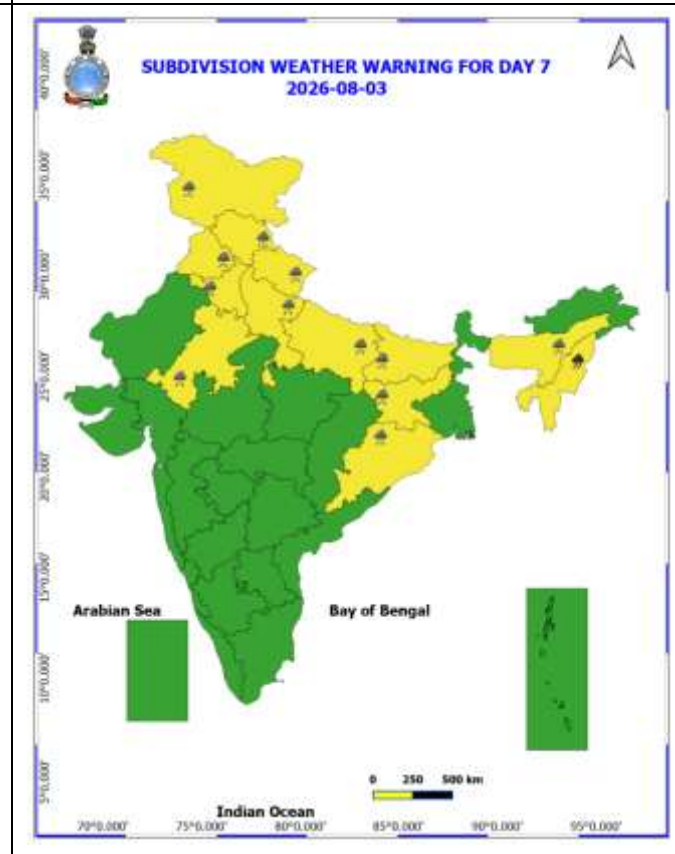
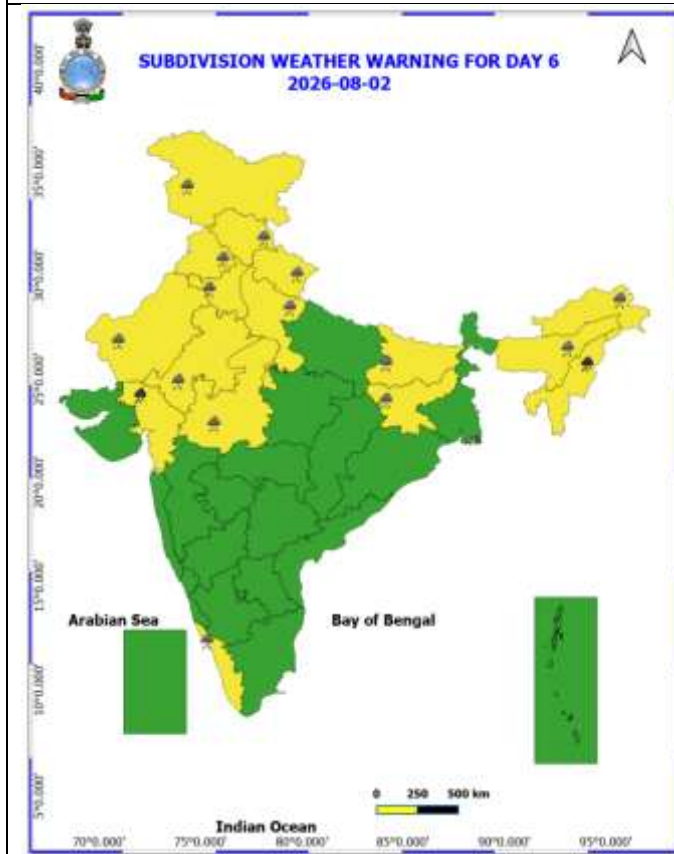
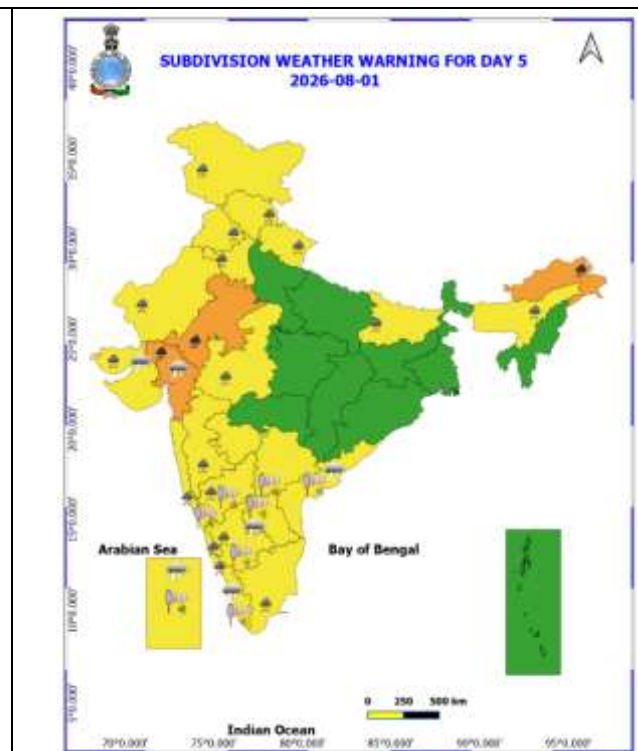
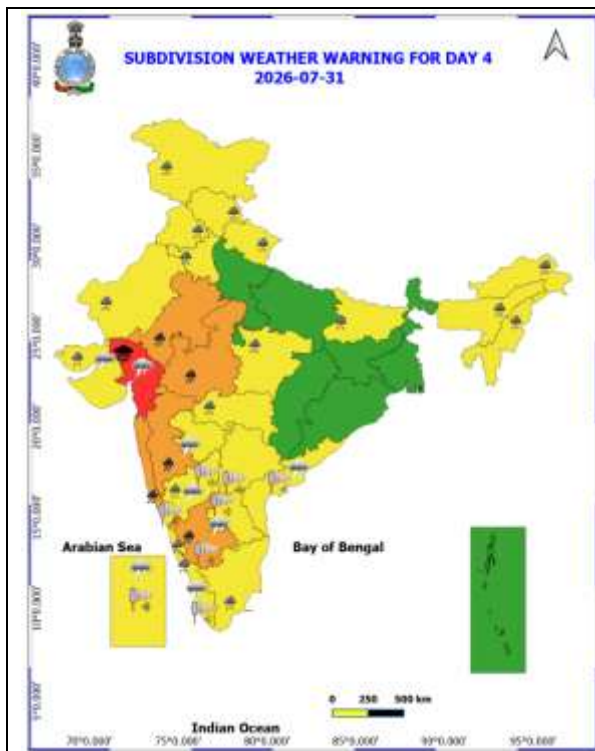
Highest rainfall recorded (> 7 cm) (from 0830 hours IST of yesterday to 0830 hours IST of today over different Meteorological Subdivision):

- ❖ **Odisha:** Baleshwar 25
- ❖ **Uttarakhand:** Maldevata 23
- ❖ **Jharkhand:** Manjhari 17
- ❖ **Madhya Maharashtra:** Mahabaleshwat (Satara) 17
- ❖ **Himachal Pradesh:** Jot 14
- ❖ **Punjab:** Ranjit Sagar Dam 12
- ❖ **East Madhya Pradesh:** Bilhari(Katni) 14
- ❖ **Konkan & Goa:** Sudhagad Pali (Raigad) 13
- ❖ **Chhattisgarh:** Champa (Janjgir) 11
- ❖ **Gangetic West Bengal:** Durgachak 8
- ❖ **Haryana:** Jagadhari 8
- ❖ **West Rajasthan:** Jasraser, Bikaner 7
- ❖ **East Rajasthan:** Rashmi Sr 7
- ❖ **Gujarat Region:** Jetpur Pavi (Dist Chhota Udepur) 7
- ❖ **Assam:** Chouldhowaghat 8
- ❖ **Coastal Karnataka:** Gersoppa (dist Uttara Kannada) 10
- ❖ **South Interior Karnataka:** Agumbe Aws (dist Shivamogga) 7
- ❖ **Telangana:** Chegunta (dist Medak) 8, Venkatapuram (dist Mulugu) 7

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

- 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 28th July to 31st July 2026**Past Weather:**

There has been rise in maximum temperatures by 1-2°C and fall in minimum temperatures by 2-3°C over Delhi during past 24 hours. The maximum temperatures were in the range of 36-38°C and the minimum temperatures are in the range 23-27°C respectively during past 24 hours over Delhi. The minimum temperatures are below normal (-1.6°C to -3.0°C) at many places and normal (-1.5°C to 1.5°C) at remaining parts of Delhi. The maximum temperatures were appreciably above normal (3.1 to 5.0°C) at a few places and above normal (1.6°C to 3.0°C) at remaining parts of Delhi. Light to moderate rain has been occurred at most places over Delhi during the past 24 hours. Partly cloudy sky with surface wind speed 20 kmph gusting to 32 kmph from the southeast direction prevailed over Delhi during past 24 hours. Partly cloudy sky with surface wind speeds up to 15 kmph likely to prevailed from the southeast direction over the region in the forenoon today.

Weather Forecast:

28.07.2026: Generally cloudy sky. One or two spells of light to moderate rain at a most places with heavy rain at isolated places during afternoon to evening. Another spell of light to moderate rain at many places towards night. The maximum temperatures over Delhi are likely to be in the range of 28-30°C. The maximum temperatures will be below normal (-1.6°C to -3.0°C) at many places with appreciably below normal (-3.1°C to -5.0°C) at isolated places over Delhi. The predominant surface wind is likely to be from the northeast direction with surface wind speed reaching up to 15 kmph during the afternoon hours. The wind speed will decrease becoming up to 12 kmph from the northeast direction during evening and night.

29.07.2026: Generally cloudy sky. One or two spells of very light to light rain at many places with moderate rain at a few places during early morning to noon. Another spell of very light to light rain at many places with moderate rain at isolated places towards evening/night. The maximum and minimum temperatures over Delhi are likely to be in the range of 32°C to 34°C and 22°C to 24°C, respectively. The minimum temperature will be below normal (-1.6°C to -3.0°C) at many places with appreciably below normal (-3.1°C to -5.0°C) at isolated places, and the maximum temperatures will be near normal (-1.5°C to 1.5°C) at many places with below normal (-1.6°C to -3.0°C) at isolated places over Delhi. The predominant surface wind is likely to be from southeast direction with surface wind speed reaching up to 15 kmph during the morning hours. The wind speed will decrease becoming up to 14 kmph from the southeast direction during the afternoon. The wind speed will increase becoming up to 16 kmph from the southeast direction during evening and night.

30.07.2026: Generally cloudy sky. One or two spells of very light to light rain at many places and moderate at isolated places during early morning to noon. Another spell of very light to light rain towards evening/night. The maximum and minimum temperatures over Delhi are likely to be in the range of 31°C to 33°C and 24°C to 26°C, respectively. The minimum temperature will be below normal (-1.6°C to -3.0°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 southeast direction with surface wind speed reaching up to 15 kmph during the morning hours. The wind speed will decrease becoming up to 12 kmph from the southeast direction during the afternoon. The wind speed will increase becoming up to 15 kmph from the southeast direction during evening and night.

31.07.2026: Generally cloudy sky. A spell of very light to light rain at few places towards afternoon/evening. The maximum and minimum temperatures over Delhi are likely to be in the range of 33°C to 35°C and 25°C to 27°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 near normal (-1.5°C to 1.5°C) at most places over Delhi. The predominant surface wind is likely to be from the southeast direction with wind reaching up to 20 kmph during the morning hours. The surface wind speed will decrease becoming up to 18 kmph from the southeast direction during the afternoon. The wind speed will decrease becoming up to 15 kmph from the east direction during evening and night.

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

- ❖ Heavy to very heavy rainfall at few places with extremely heavy rainfall likely at isolated places over Chhattisgarh on 28th & 29th, East Madhya Pradesh on 29th & Vidarbha on 29th & 30th, over West Madhya Pradesh on 30th, over Odisha on 28th, over Gujarat Region on 31st July.

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 **Odisha**, maintain proper drainage and keep field channels clear in the fields of rice, maize, pulses, oilseed and vegetable to prevent prolonged waterlogging. Postpone irrigation, fertilizer and plant protection operations until field conditions become suitable.
- In **Madhya Pradesh**, maintain effective drainage in soybean, maize, black gram, green gram, sesame and vegetable fields to prevent waterlogging. Postpone sowing, irrigation, fertilizer and plant protection operations until field conditions improve.
- In **Chhattisgarh**, ensure proper drainage to remove excess water from crop fields, nurseries and vegetables.
- In **Vidarbha**, make necessary arrangements to drain out excess water from already sown *kharif* crops like cotton, pigeon pea, soybean, orchards and vegetable nurseries.
- In **Konkan**, maintain proper drainage in transplanted rice, turmeric, groundnut, finger millet, porso millet, vegetable fields and orchards. Remove excess rainwater from low-lying areas to prevent prolonged waterlogging.
- In **Madhya Maharashtra**, drain out excess water from rice nurseries, other standing crops and vegetables in ghat areas. Postpone irrigation, fertilizer and plant protection operations until field conditions improve.
- In **Jammu and Kashmir**, ensure proper drainage in fields of already sown maize, green gram, black gram and vegetables to prevent waterlogging.
- In **Himachal Pradesh**, maintain proper drainage in rice, maize, finger millet, tomato, brinjal, capsicum, chilli and cucumber fields and apple and pear orchards for quick removal of excess rainwater. Harvest mature fruits wherever field conditions permit.
- In **Uttarakhand**, maintain effective drainage in rice, black gram, barnyard millet, finger millet, tomato and chilli fields to prevent prolonged waterlogging. Harvest mature tomato, French bean and potato wherever field conditions permit, and postpone sowing until field conditions improve.
- In **Punjab and Haryana**, maintain effective drainage in rice, maize, soybean, pigeon pea and groundnut fields and fruit orchards to prevent waterlogging. Postpone sowing of green gram until field conditions improve.
- In **Uttar Pradesh**, ensure proper drainage to drain out excess rainwater from crop fields, particularly from low-lying areas prone to waterlogging.
- In **East Rajasthan**, maintain proper drainage and remove excess rainwater from low-lying soybean, maize, groundnut, cotton and pigeon pea fields to prevent prolonged waterlogging.
- In **Gujarat**, drain out excess rainwater from the field of rice, cotton, pearl millet, maize, groundnut and vegetable fields to prevent prolonged waterlogging.

- In **Keralam**, maintain proper drainage in banana, coconut, cardamom, ginger, black pepper and vegetable fields to prevent waterlogging.
- In **Karnataka**, keep field drainage channels clear and maintain continuous drainage in paddy fields, orchards and vegetable fields to prevent prolonged waterlogging.
- In **Telangana**, maintain proper drainage in rice, maize, cotton, red gram, soybean and vegetable fields to prevent waterlogging.
- In **Nagaland, Manipur, Mizoram and Tripura**, ensure proper drainage from soybean, black gram, ginger, turmeric, cole crop and vegetable fields to prevent residual waterlogging.
- In **Arunachal Pradesh**, maintain proper drainage in rice, maize, soybean and finger millet fields, orchards and low-lying areas to prevent prolonged waterlogging. Harvest mature crops wherever field conditions permit.
- In **Assam**, keep field drainage channels clear and maintain continuous drainage in rice nurseries, jute, sugarcane, soybean, pigeon pea, sesame and vegetable fields to prevent prolonged waterlogging. Provide staking or support to banana, vegetables and other vulnerable crops against strong winds.
- In **Meghalaya**, maintain proper drainage in rice nurseries and fields of maize, cowpea, okra and ginger to prevent prolonged waterlogging. Strengthen nursery bunds and keep drainage channels free from obstruction.
- In **Sub-Himalayan West Bengal**, ensure proper drainage in the fields of rice, jute, ginger and vegetable to prevent prolonged waterlogging.
- In **Jharkhand**, ensure proper drainage in standing crop fields to prevent waterlogging.

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.

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.
- In regions with high temperatures and heat wave conditions, provide clean, cool drinking water to animals, and cover the roofs of poultry sheds with grass to reduce the adverse effects of heat.
- Construct an outlet with proper netting around the ponds to drain excess water, thereby preventing fish from escaping in the event of overflow.

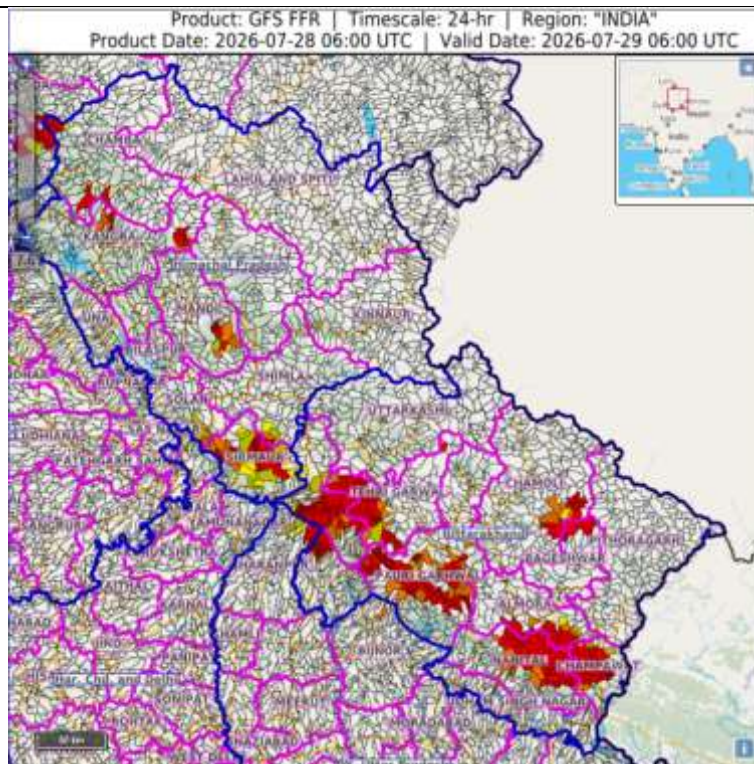
Flash Flood Guidance:

24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 29-07-2026:

Low to Moderate flash flood risk likely over few watersheds & neighbourhoods of following Met Sub-divisions during next 24 hours.

Himachal Pradesh – Chamba, Kangra, Kullu, Mandi, Shimla, Sirmaur and Solan districts. Uttarakhand - Almora, Bageshwar, Champawat, Chamoli, Dehradun, Garhwal Pauri, Garhwal Tehri, Nainital, Rudraprayag and Uttarkashi 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.

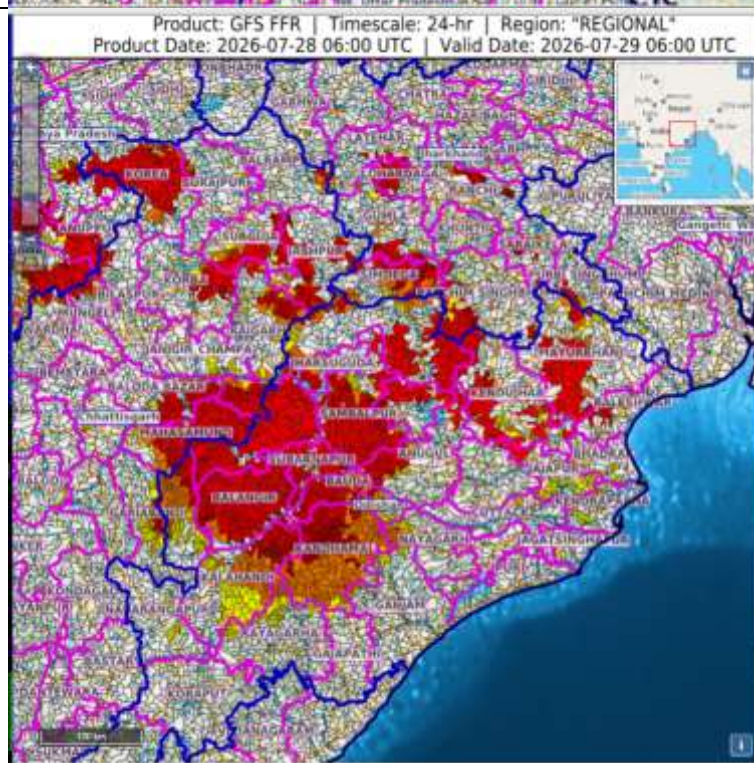


24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 29-07-2026:

Low to Moderate flash flood risk likely over few watersheds & neighbourhoods of following Met Sub-divisions during next 24 hours.

Chhattisgarh - Balrampur, Jashpur, Korea, Korba, Baloda Bazar, Janjgir Champa, Mahasamund, Raigarh, and Surguja districts. Odisha - Angul, Balasore, Baleshwar, Jharsuguda, Baragarh, Bhadrak, Deogarh, Kendrapara, Keonjhar, Mayurbhanj, Nawarangpur, Balangir, Kandhamal, Bouda, Subarnapur, and Sonapur districts. Jharkhand - East Singhbhum, Gumla, Hazaribag, Khunti, Lohardaga, Ranchi, Seraikela-Kharsawan, Simdega and West Singhbhum 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.



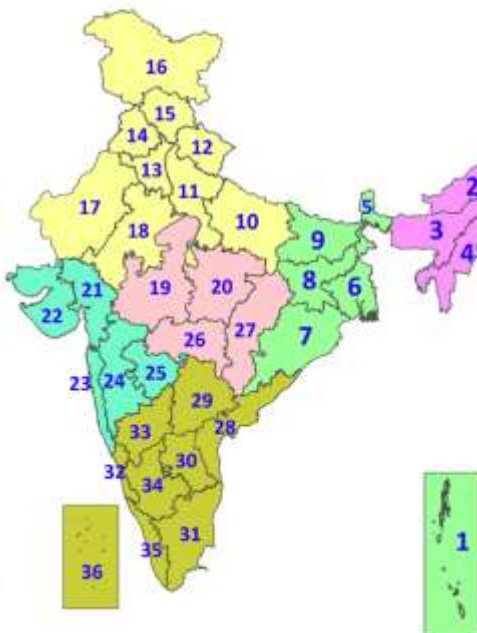
Legends & abbreviations:

- ❖ **Heavy Rain:** 64.5-115.5mm; **Very Heavy Rain:** 115.6-204.4mm; **Extremely Heavy Rain:** >204.4mm.
- ❖ **Obsy:** Observatory; Automatic Weather Station; **ARG:** Automatic Rain Gauge; **dist:** District; **NH:** National Highway; **KVK:** Krishi Vigyan Kendra; **DVC:** Damodar Valley Corporation; **PTO:** Part Time Office, **Aero:** Aerodrome, **IAF:** Indian Air Force.
- ❖ **Region wise classification of meteorological Sub-Divisions:**
 - **Northwest India:** Western Himalayan Region (Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh and Uttarakhand); Punjab, Haryana Chandigarh & Delhi; West Uttar Pradesh, East Uttar Pradesh, West Rajasthan and East Rajasthan.

- **Central India:** West Madhya Pradesh, East Madhya Pradesh, Vidarbha and Chhattisgarh.
- **East India:** Bihar, Jharkhand, Sub-Himalayan West Bengal & Sikkim; Gangetic West Bengal, Odisha and Andaman & Nicobar Islands.
- **Northeast India:** Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.
- **West India:** Gujarat Region, Saurashtra & Kutch, Coastal Maharashtra (Konkan) & Goa, Madhya Maharashtra and Marathwada.
- **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 Strom: Wind speed > 220 kmph (> 119 knots)

* Red colour warning does not mean "Red Alert", Red colour warning means "Take Action".

Forecast and Warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day.

For more details, kindly visit <https://mausam.imd.gov.in> or contact: 011-2434-4599

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