



Government of India
Ministry of Earth Sciences
India Meteorological Department



Press Release

Date: 22nd July 2026

Time of Issue: 1330 hours IST

- Subject:** (i) **Active Monsoon Conditions likely over northwest, central & adjoining north peninsular India, east and northeast India during next 3-4 days.**
(ii) **Isolated heavy to very heavy rainfall at few places with extremely heavy rainfall likely at isolated places over Jammu-Kashmir-Ladakh; Southwest Madhya Pradesh, Southeast Rajasthan, Konkan & Goa on 22nd; over Madhya Maharashtra on 22nd & 23rd and Gujarat Region during 22nd -24th July.**
(iii) **Subdued rainfall activity likely to continue over south Peninsular India during next 7 days.**

Realised weather during past 24 hours ending at 0830 hours IST of today, the 22nd July, 2026:

- ❖ **Exceptionally heavy rainfall (≥ 30 cm)** has been recorded over south Gujarat Region.
- ❖ **Extremely heavy rainfall (≥ 21 cm)** has been recorded over Madhya Maharashtra, Odisha, Coastal Karnataka.
- ❖ **Very Heavy rainfall (12-20 cm)** has been recorded over Jammu-Kashmir, Himachal Pradesh, Punjab, Madhya Pradesh, Chhattisgarh, Konkan & Goa, West Bengal & Sikkim.
- ❖ **Heavy rainfall (7-11 cm)** has been recorded over Jharkhand, Uttarakhand, Haryana, Uttar Pradesh, East Rajasthan, Vidarbha, Arunachal Pradesh.

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

- ❖ The **Monsoon trough** at mean sea level is south of its normal position in lower tropospheric level.
- ❖ An **upper air cyclonic circulation** lies over Central parts of north Madhya Pradesh and extends in middle tropospheric level.
- ❖ The **east-west shear zone** roughly along 22°N Lat. across central India in middle tropospheric level.
- ❖ The **Western Disturbance** as a cyclonic circulation lies over Jammu & neighbourhood in lower tropospheric level.
- ❖ An **upper air cyclonic circulation** lies over northeast Assam & neighbourhood in lower tropospheric level.

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 22nd-28th July.
- ❖ Isolated to Scattered Light to moderate rainfall likely over Ladakh during next 2 days.
- ❖ **Fairly Widespread to Widespread** rainfall likely over Punjab on 22nd July and during 27th-28th July; East Uttar Pradesh and Haryana Chandigarh & Delhi during 27th-28th July; West Uttar Pradesh on 28th July; West Rajasthan during 22nd-26th July; East Rajasthan during 22nd-27th July.
- ❖ **Isolated to Scattered** rainfall likely over Punjab during 23rd-26th July; East Uttar Pradesh and Haryana Chandigarh & Delhi during 22nd-26th July; West Uttar Pradesh during 22nd-27th July; West Rajasthan during 27th-28th July; East Rajasthan on 28th July.
- ❖ Isolated **thunderstorm, lightning & gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 22nd-28th July.
- ❖ Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over West Rajasthan on 22nd July, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over West Rajasthan on 23rd July; East Rajasthan during 22nd-23rd July.
- ❖ Isolated **thunderstorm & lightning** likely over Uttarakhand during 22nd-28th July; East Rajasthan and West Rajasthan during 24th-28th July.
- ❖ Isolated **heavy rainfall** likely over Himachal Pradesh and Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 23rd-28th July; Uttarakhand during 22nd-28th July; Punjab on 23rd July and on 25th July; Haryana Chandigarh & Delhi on 22nd July; East Rajasthan and West Uttar Pradesh during 27th-28th July; East Uttar Pradesh during 26th-28th July; West Rajasthan during 22nd-26th July with isolated **very heavy rainfall** also likely over Himachal Pradesh and Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad on 22nd July; Punjab on 22nd July and during 27th-28th July; Haryana Chandigarh & Delhi during 27th-28th July; East Rajasthan during 22nd-26th July.

- ❖ **Heavy to very heavy rainfall with extremely heavy rainfall likely at isolated places over Jammu-Kashmir, Southeast Rajasthan on 22nd July.**

Central India:

- ❖ **Fairly Widespread to Widespread** rainfall likely over West Madhya Pradesh during 22nd-26th July; Chhattisgarh and East Madhya Pradesh during 22nd-28th July; Vidarbha during 22nd-24th July.
- ❖ **Isolated to Scattered** rainfall likely over West Madhya Pradesh during 27th-28th July; Vidarbha during 25th-28th July.
- ❖ Isolated **thunderstorm, lightning & gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over East Madhya Pradesh and West Madhya Pradesh during 22nd-23rd July.
- ❖ Isolated **thunderstorm & lightning** likely over East Madhya Pradesh and West Madhya Pradesh during 24th-26th July; Vidarbha during 22nd-24th July; Chhattisgarh during 22nd-26th July.
- ❖ Isolated **heavy rainfall** likely over West Madhya Pradesh on 22nd July and during 24th-25th July; East Madhya Pradesh during 24th-25th July; Vidarbha on 23rd July; Chhattisgarh during 22nd-23rd July with isolated **very heavy rainfall** also likely over West Madhya Pradesh on 23rd July; East Madhya Pradesh during 22nd-23rd July; Vidarbha on 22nd July.
- ❖ **Heavy to very heavy rainfall with extremely heavy rainfall likely at isolated places over Southwest Madhya Pradesh on 22nd July.**

East India:

- ❖ **Fairly Widespread to Widespread** rainfall likely over Andaman & Nicobar Islands, Gangetic West Bengal, Jharkhand and Sub-Himalayan West Bengal & Sikkim during 22nd-28th July; Bihar during 22nd-23rd July and during 27th-28th July; Odisha during 22nd-26th July.
- ❖ **Isolated to Scattered** rainfall likely over Bihar during 24th-26th July; Odisha during 27th-28th July.
- ❖ Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Jharkhand during 22nd-26th July, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Andaman & Nicobar Islands and Bihar during 22nd-28th July; Gangetic West Bengal during 22nd-24th July; Odisha during 24th-26th July.
- ❖ Isolated **thunderstorm & lightning** likely over Sub-Himalayan West Bengal & Sikkim during 22nd-28th July.
- ❖ Isolated **heavy rainfall** likely over Sub-Himalayan West Bengal & Sikkim during 26th-28th July; Gangetic West Bengal during 22nd-24th July; Jharkhand during 22nd-26th July; Bihar during 22nd-24th July and during 27th-28th July; Odisha during 23rd-28th July with isolated **very heavy rainfall** also likely over Odisha on 22nd July.

Northeast India:

- ❖ **Fairly Widespread to Widespread** rainfall likely over Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during 22nd-28th July.
- ❖ Isolated **thunderstorm & lightning** likely over Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during 22nd-26th July.
- ❖ Isolated **heavy rainfall** likely over Arunachal Pradesh and Assam & Meghalaya during 23rd-28th July; Nagaland, Manipur, Mizoram & Tripura during 24th-28th July with isolated **very heavy rainfall** also likely over Arunachal Pradesh and Assam & Meghalaya on 22nd July; Nagaland, Manipur, Mizoram & Tripura during 22nd-23rd July.

West India:

- ❖ **Fairly Widespread to Widespread** rainfall likely over Gujarat Region and Konkan & Goa during 22nd-28th July; Madhya Maharashtra during 22nd-24th July; Marathawada and Saurashtra & Kutch during 22nd-23rd July.
- ❖ **Isolated to Scattered** rainfall likely over Madhya Maharashtra during 25th-28th July; Marathawada and Saurashtra & Kutch during 24th-28th July.
- ❖ Isolated **thunderstorm & lightning** likely over Gujarat Region during 22nd-27th July; Saurashtra & Kutch during 22nd-25th July.
- ❖ Isolated **heavy rainfall** likely over Konkan & Goa on 22nd July, during 24th-25th July and on 28th July; Madhya Maharashtra during 22nd-23rd July and during 26th-28th July; Marathawada on 22nd July; Gujarat Region during 22nd-24th July and on 27th July; Saurashtra & Kutch during 22nd-23rd July and during 26th-27th July with isolated **very heavy rainfall** also likely over Konkan & Goa on 23rd July; Madhya Maharashtra on 24th July; Gujarat Region during 25th-26th July.
- ❖ **Heavy to very heavy rainfall at few places with extremely heavy rainfall likely at isolated places over Gujarat Region during 22nd -24th; Konkan & Goa on 22nd; Madhya Maharashtra on 22nd & 23rd July.**

South Peninsular India:

- ❖ **Isolated to Scattered** rainfall likely over Coastal Andhra Pradesh & Yanam, North Interior Karnataka, Rayalaseema and Tamil Nadu, Puducherry & Karaikal during 22nd-28th July; Kerala & Mahe and Lakshadweep during 22nd-23rd July; South Interior Karnataka during 22nd-24th July and on 28th July; Telangana during 23rd-28th July.
- ❖ **Fairly Widespread to Widespread** rainfall likely over Kerala & Mahe and Lakshadweep during 24th-28th July; Coastal Karnataka during 22nd-28th July; South Interior Karnataka during 25th-27th July; Telangana on 22nd July.

- ❖ Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Tamil Nadu, Puducherry & Karaikal during 22nd-26th July; Coastal Andhra Pradesh & Yanam during 24th-26th July; Rayalaseema during 22nd-24th July, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Coastal Karnataka and Kerala & Mahe during 22nd-23rd July; North Interior Karnataka and South Interior Karnataka during 22nd-26th July; Rayalaseema during 25th-26th July; Telangana during 22nd-28th July.
- ❖ Isolated **thunderstorm & lightning** likely over Coastal Andhra Pradesh & Yanam during 22nd-23rd July.
- ❖ Isolated **heavy rainfall** likely over Kerala & Mahe, North Interior Karnataka, South Interior Karnataka and Telangana during 22nd-23rd July; Coastal Karnataka on 23rd July and during 26th-28th July with isolated **very heavy rainfall** also likely over Coastal Karnataka on 22nd July.
- ❖ Strong Surface Winds likely over Coastal Karnataka during 22nd-23rd July; Coastal Andhra Pradesh & Yanam, North Interior Karnataka, Rayalaseema and South Interior Karnataka during 22nd-26th July; Telangana during 22nd-28th July.

Fishermen Warning:

Fishermen are advised not to venture:

Arabian Sea: Along and off Somalia and Oman coast over most parts of central adjoining some parts of southwest & north Arabian Sea during 22th to 27th July, along and off south Gujarat and Maharashtra, Karnataka coasts on 22nd July, Karnataka coasts on 23rd July, along and off Gujarat and north Maharashtra Coasts during 23nd to 25th July.

Bay of Bengal: Along and off Odisha coasts adjoining northwest Bay of Bengal on 22nd July, over few parts of Gulf of Mannar on 26th 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>

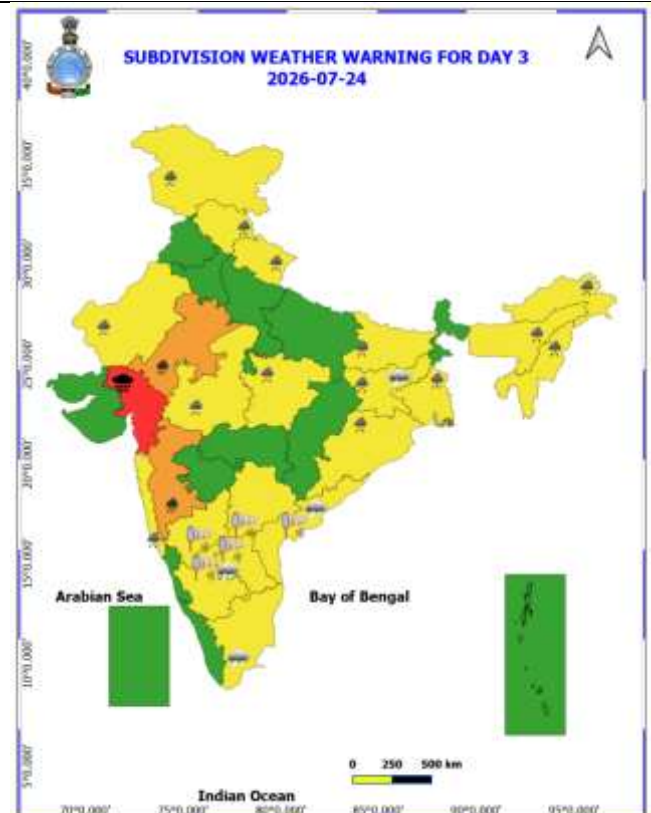
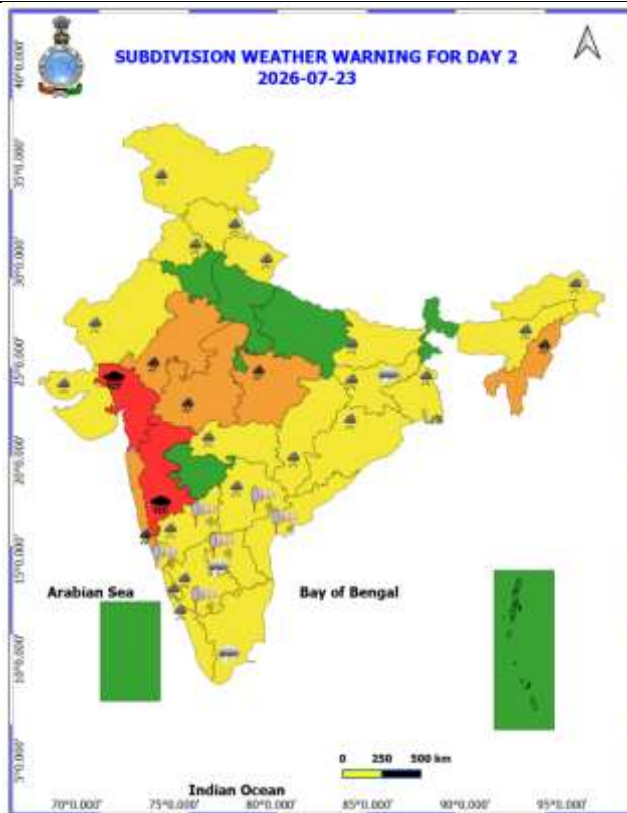
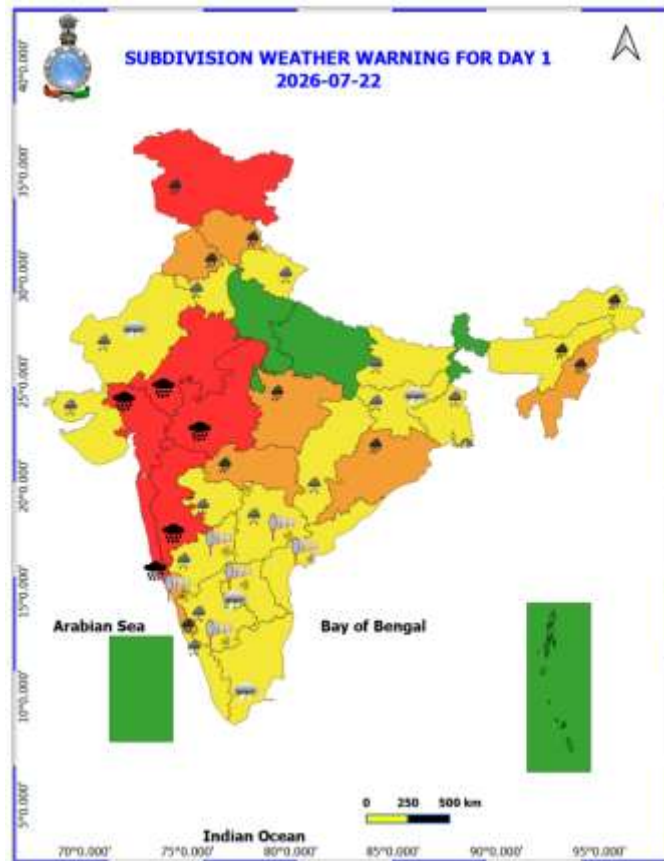
For Fishermen warning refer <https://rsmcnewdelhi.imd.gov.in/fishermenwarning.php>

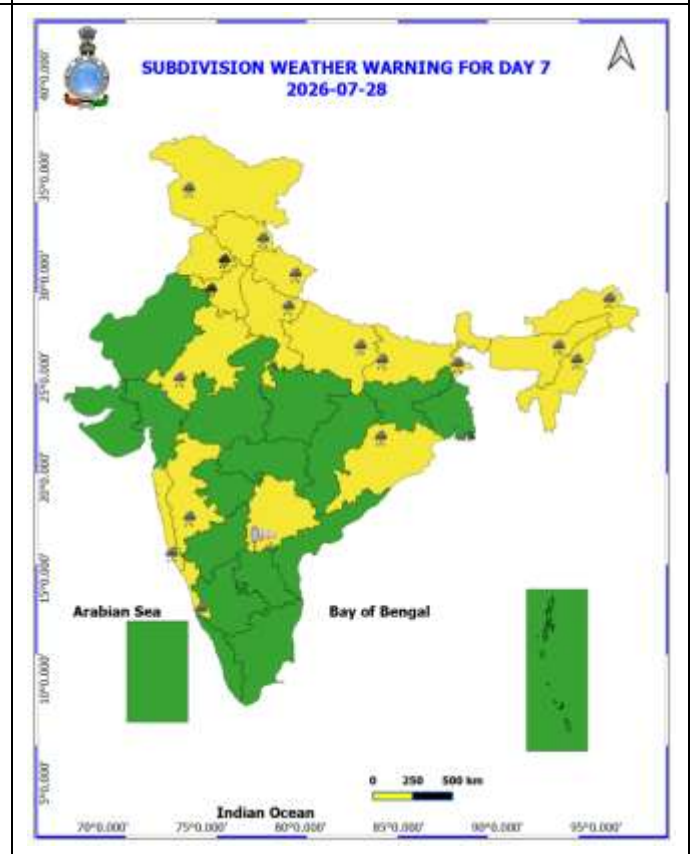
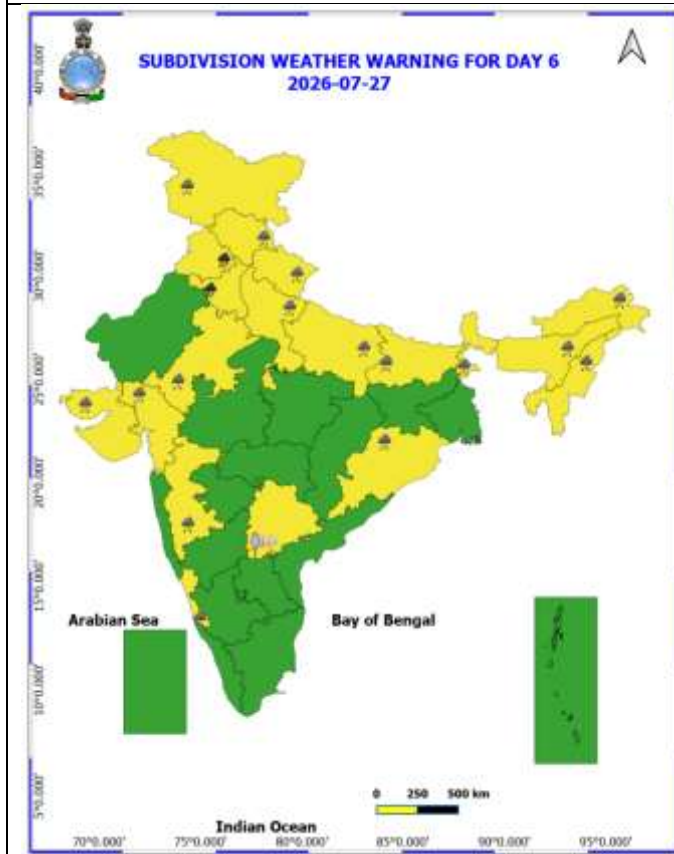
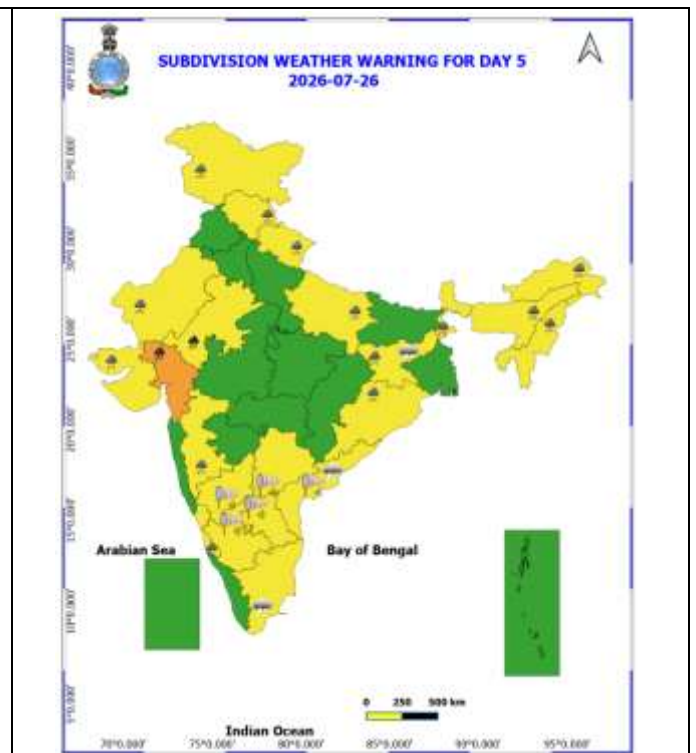
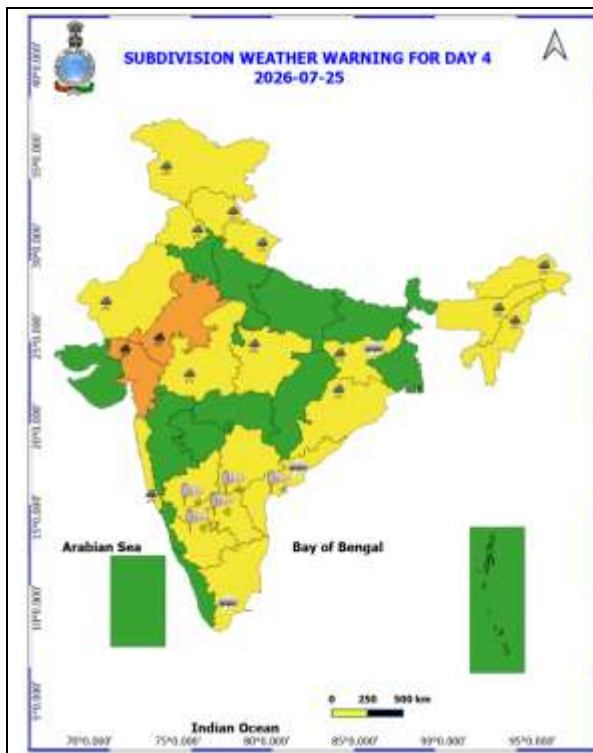
Significant rainfall recorded (in cm) (from 0830 hours IST of yesterday to 0830 hours IST of today):

- ❖ **Gujarat Region:** Kaprada(Valsad) 42
- ❖ **Madhya Maharashtra:** Tamini (Pune) 28
- ❖ **Coastal Karnataka:** Jagalbet (dist Uttara Kannada) 22
- ❖ **Odisha:** Cuttack 21
- ❖ **Punjab:** Amritsar (Dist Amritsar) 19
- ❖ **West Madhya Pradesh:** Maksudangarh 17
- ❖ **Jammu-Kashmir:** Kathua 15
- ❖ **Konkan & Goa:** Dharavi (Mumbai) 15
- ❖ **Jharkhand:** Majhgaon 15
- ❖ **East Madhya Pradesh:** Jaisingh Nagar 13
- ❖ **Chhattisgarh:** Raigarh 13
- ❖ **Himachal Pradesh:** Mashobra Aws 12
- ❖ **East Rajasthan:** Sikar 10
- ❖ **Vidarbha:** Dhanora 10
- ❖ **Arunachal Pradesh:** Itanagar (Aws) 10
- ❖ **Uttarakhand:** Loharkhet 8
- ❖ **Haryana:** Palwal 7
- ❖ **Gangetic West Bengal:** Haldia 8
- ❖ **Sub-Himalayan West Bengal & Sikkim:** Yuksom 7
- ❖ **East Uttar Pradesh:** Mau Tehsil (Chitrakoot) 7
- ❖ **West Uttar Pradesh:** Madawara (Lalitpur) 7.

Table-1								
7 Days Rainfall Forecast								
S.No.	Subdivision	22- Jul	23- Jul	24- Jul	25- Jul	26- Jul	27- Jul	28- Jul
		Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
1	ANDAMAN & NICOBAR ISLANDS	FWS	FWS	FWS	FWS	FWS	FWS	FWS
2	ARUNACHAL PRADESH	FWS	FWS	FWS	FWS	FWS	FWS	FWS
3	ASSAM & MEHGHALAYA	FWS	FWS	FWS	FWS	FWS	FWS	FWS
4	NAGALAND, MANIPUR, MIZORAM AND TRIPURA	FWS	FWS	FWS	FWS	FWS	FWS	FWS
5	SUB HIMALAYAN WEST BENGAL & SIKKIM	FWS	FWS	FWS	FWS	FWS	FWS	FWS
6	GANGETIC WEST BENGAL	FWS	FWS	FWS	FWS	FWS	FWS	FWS
7	ODISHA	FWS	FWS	FWS	FWS	FWS	SCT	SCT
8	JHARKHAND	FWS	FWS	FWS	FWS	FWS	FWS	FWS
9	BIHAR	FWS	FWS	SCT	SCT	SCT	FWS	FWS
10	EAST UTTAR PRADESH	SCT	SCT	SCT	SCT	SCT	FWS	FWS
11	WEST UTTAR PRADESH	SCT	SCT	SCT	SCT	SCT	SCT	FWS
12	UTTARAKHAND	FWS	FWS	FWS	FWS	FWS	FWS	FWS
13	HARYANA, CHANDIGARH & DELHI	SCT	SCT	SCT	SCT	SCT	FWS	FWS
14	PUNJAB	FWS	SCT	SCT	SCT	SCT	FWS	FWS
15	HIMACHAL PRADESH	FWS	FWS	FWS	FWS	FWS	FWS	FWS
16	JAMMU AND KASHMIR AND LADAKH	FWS	FWS	FWS	FWS	FWS	FWS	FWS
17	WEST RAJASTHAN	FWS	FWS	FWS	FWS	FWS	SCT	ISOL
18	EAST RAJASTHAN	FWS	FWS	FWS	FWS	FWS	FWS	SCT
19	WEST MADHYA PRADESH	FWS	FWS	FWS	FWS	FWS	SCT	SCT
20	EAST MADHYA PRADESH	FWS	FWS	FWS	FWS	FWS	FWS	FWS
21	GUJRAT REGION	FWS	FWS	FWS	FWS	FWS	FWS	FWS
22	SAURASHTRA & KUTCH	FWS	FWS	SCT	SCT	SCT	ISOL	ISOL
23	KONKAN & GOA	FWS	FWS	FWS	FWS	FWS	FWS	FWS
24	MADHYA MAHARASHTRA	FWS	FWS	FWS	SCT	SCT	SCT	SCT
25	MARATHWADA	FWS	FWS	SCT	ISOL	ISOL	ISOL	ISOL
26	VIDARBHA	FWS	FWS	FWS	SCT	SCT	SCT	SCT
27	CHHATTISGARH	FWS	FWS	FWS	FWS	FWS	FWS	FWS
28	COASTAL ANDHRA PRADESH	ISOL	ISOL	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	FWS	FWS	FWS	FWS	FWS	FWS	FWS
33	NORTH INTERIOR KARNATAKA	SCT	ISOL	SCT	SCT	SCT	SCT	ISOL
34	SOUTH INTERIOR KARNATAKA	SCT	ISOL	SCT	FWS	FWS	FWS	SCT
35	KERALA AND MAHE	SCT	SCT	FWS	FWS	FWS	FWS	FWS
36	LAKSHADWEEP	SCT	SCT	FWS	FWS	FWS	FWS	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 22nd July to 25th July 2026**Past Weather:**

There has been a fall in maximum temperatures by 1°C and no large change in minimum temperatures over Delhi during past 24 hours. The maximum temperatures were in the range of 29-31°C and the minimum temperatures are in the range 23-26°C respectively during past 24 hours over Delhi. The minimum temperatures are appreciably below normal (-3.1°C to -5.0°C) at isolated places, below normal (-1.6°C to 3.0°C) at isolated places and normal (-1.5 to 1.5) at remaining parts of Delhi. The maximum temperatures were markedly below normal (-5.1°C or less) at isolated places, appreciably below normal (-3.1°C to -5.0°C) at many places and below normal (-1.6°C to -3.0°C) at remaining parts of Delhi. Light to moderate rain occurred at most places over Delhi during the past 24 hours. Generally cloudy sky with surface wind speed 25 kmph from the east direction prevailed over Delhi during past 24 hours. Generally cloudy sky with surface wind speeds up to 20 kmph likely to prevailed from the east direction over the region in the forenoon today.

Weather Forecast:

22.07.2026: Generally cloudy sky. A few spells of very light to light rain at most places with moderate rain at isolated places accompanied with surface winds 30-40 gusting to 50 kmph during afternoon to night. The maximum temperatures over Delhi are likely to be in the range of 31-33°C. The maximum temperatures will be appreciably below normal (-3.1°C to -5.0°C) at isolated places with below normal (-1.6°C to -3.0°C) at many places over Delhi. The predominant surface wind is likely to be from the southeast direction with surface wind speed reaching up to 20 kmph during the afternoon hours. The wind speed will decrease becoming up to 15 kmph from the east direction during evening and night.

23.07.2026: Generally cloudy sky. One or two spells of very light to light rain at many places during early morning to noon. Another spell of very light to light rain at a few places during evening to night. The maximum and minimum temperatures over Delhi are likely to be in the range of 32°C to 34°C and 23°C to 25°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 isolated places with below normal (-1.6°C to -3.0°C) at many over Delhi. The predominant surface wind is likely to be from east direction with surface wind speed reaching up to 15 kmph during the morning hours. The wind speed will increase becoming up to 20 kmph from the southeast direction during the afternoon. The wind speed will decrease becoming up to 15 kmph from the southeast direction during evening and night.

24.07.2026: Generally cloudy sky. Possibility of a spell of very light to light rain during early morning to noon. The maximum and minimum temperatures over Delhi are likely to be in the range of 32°C to 34°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 east direction with surface wind speed reaching up to 15 kmph during the morning hours. The wind speed will increase becoming up to 18 kmph from the southeast direction during the afternoon. The wind speed will increase becoming up to 20 kmph from the southeast direction during evening and night.

25.07.2026: Generally cloudy sky. The maximum and minimum temperatures over Delhi are likely to be in the range of 32°C to 34°C and 25°C to 27°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 the east direction with wind reaching up to 20 kmph during the morning hours. The surface wind speed will decrease becoming up to 15 kmph from the southeast direction during the afternoon. The wind speed will decrease becoming up to 10 kmph from the southeast direction during evening and night.

Impact Expected & Action Suggested due to heavy/very heavy/extremely heavy rainfall

- ❖ **Heavy to very heavy rainfall at few places with extremely heavy rainfall likely at isolated places over Jammu-Kashmir-Ladakh; West Madhya Pradesh, Konkan & Goa on 22nd; over Madhya Maharashtra on 22nd & 23rd and Gujarat Region during 22nd -24th July.**

Impact Expected

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

Action Suggested

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

Agromet advisories for likely impact of Heavy Rainfall

- In **Jammu & Kashmir**, postpone sowing of *kharif* pulses such as green gram and black gram till the weather improves. Ensure proper drainage in fields of already sown rice, maize, green gram and black gram to prevent water stagnation.
- In **Himachal Pradesh**, continue harvesting of mature pea pods and fruits of peach, apricot and plum during clear weather. Maintain proper drainage channels in rice, maize, finger millet, tomato, brinjal, capsicum, chilli and cucumber fields and apple and pear orchards to facilitate quick removal of excess rainwater. Maintain field bunds and drainage channels in rice fields to minimize runoff and soil erosion.
- In **Uttarakhand**, harvest mature tomato, French bean and potato and keep the harvested produce in a safe, dry place. Postpone sowing of groundnut, soybean, maize and okra until weather conditions improve and adequate field conditions are restored. Maintain proper drainage in rice, black gram, barnyard millet, finger millet, tomato and chilli fields to prevent waterlogging.
- In **Punjab**, avoid sowing of green gram during heavy rainfall. Ensure proper field drainage in rice, maize, soybean, pigeon pea, groundnut fields and fruit orchards to prevent waterlogging.
- In **Haryana**, drain out excess rainwater from cotton fields.
- In **Uttar Pradesh**, ensure proper drainage in rice, maize, sesame and pigeon pea fields to prevent waterlogging. Postpone irrigation, fertilizer and plant protection operations until field conditions improve.
- In **Rajasthan**, ensure proper drainage in the cotton fields to avoid waterlogging.
- In **Chhattisgarh**, maintain continuous drainage in rice nurseries and standing fields of maize, soybean, pigeon pea and minor millets to prevent prolonged waterlogging. Postpone irrigation, fertilizer and plant protection operations until field conditions improve.
- In **South Gujarat** region, drain out excess rain water from standing crop fields. Avoid transplanting of rice until the excess water is drained.
- In **Konkan** and *ghat* areas of **Madhya Maharashtra**, withhold irrigation in standing crops, make necessary arrangements to remove excess rain water from the crop fields.
- In **Jharkhand**, ensure proper drainage in standing crop fields to prevent waterlogging. Postpone irrigation, fertilizer and plant protection operations until field conditions improve.
- In **Bihar**, ensure continuous drainage in rice, maize, sesame and pigeon pea fields to prevent prolonged waterlogging. Postpone irrigation, fertilizer and plant protection operations until field conditions improve.
- In **Odisha**, maintain continuous drainage and keep field channels clear in rice, maize, pulses, oilseed and vegetable fields to prevent prolonged waterlogging. Postpone irrigation, fertilizer and plant protection operations until field conditions become suitable.
- In **West Bengal**, ensure continuous and effective drainage in rice nurseries, jute, ginger and vegetable fields to prevent prolonged waterlogging. Inspect and strengthen bunds around rice nurseries and harvest mature tea leaves and vegetables wherever field conditions permit.

- In **Assam**, keep field drainage channels clear and maintain continuous drainage of excess rainwater from sugarcane, soybean, pigeon pea, jute, sesame fields and fruit orchards to prevent prolonged waterlogging. Harvest mature crops wherever field conditions permit.
- In **Meghalaya**, keep drainage channels around rice nurseries and fields of maize, cowpea, okra and ginger free from obstruction. Strengthen nursery bunds and maintain continuous drainage to prevent runoff, seedling washout and prolonged waterlogging.
- In **Nagaland, Manipur, Mizoram and Tripura**, ensure continuous and effective drainage and remove any accumulated rainwater from soybean, black gram, ginger, turmeric, cole crop and vegetable fields to prevent residual waterlogging.
- In **Keralam**, provide adequate drainage facilities in banana, coconut, cardamom, ginger, black pepper and vegetables.

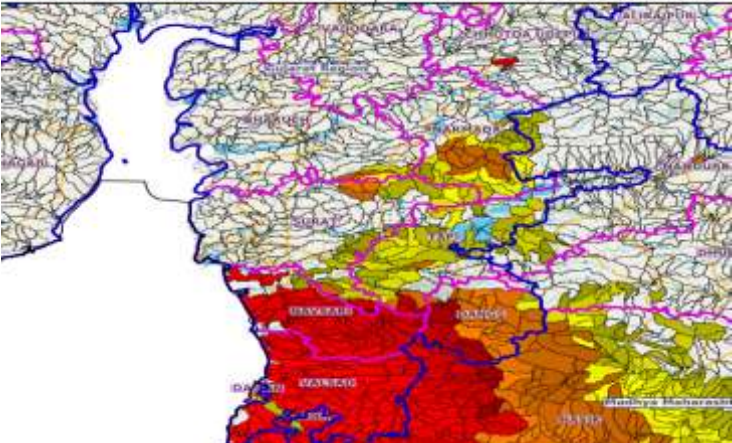
Agromet advisories for likely impact of Thunderstorm / Gusty Winds

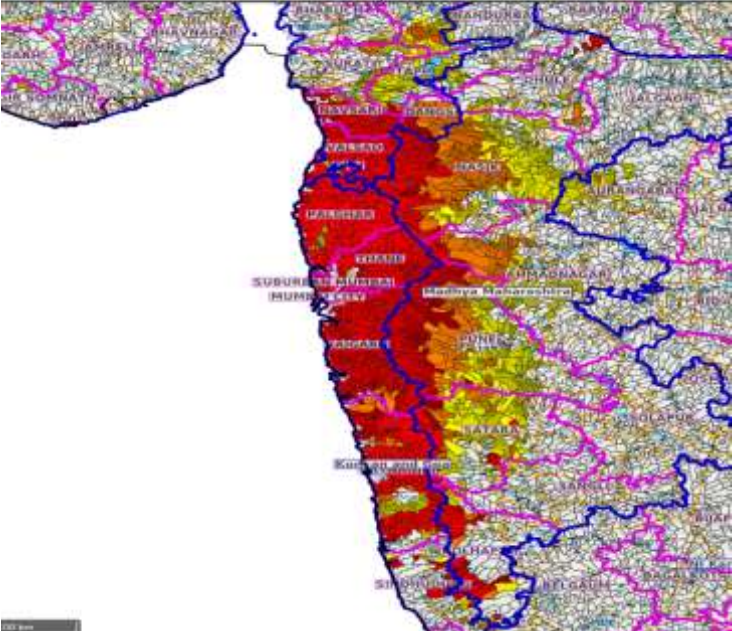
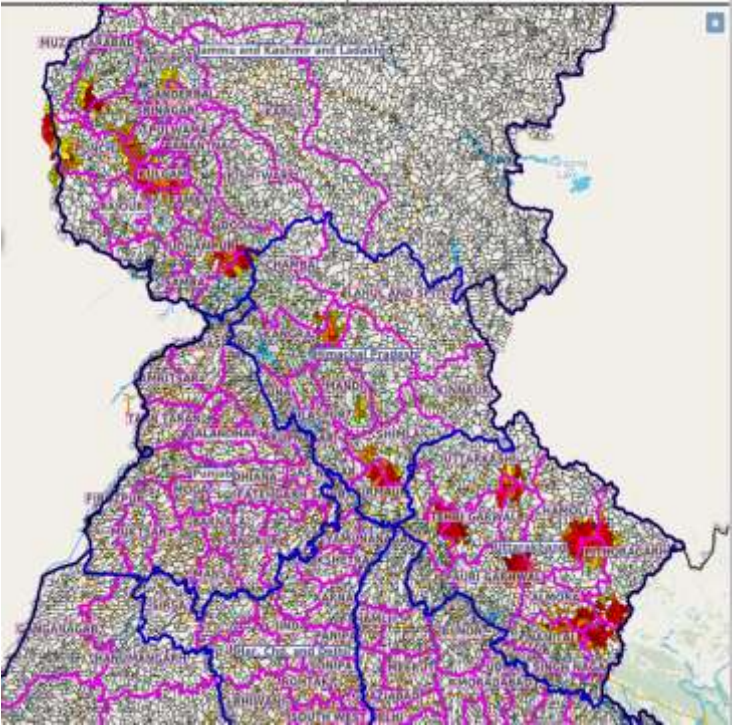
- Shift the harvested produce in safer places or cover the produce with tarpaulin sheets in the fields. Tie the harvested crops securely and cover them to minimize the risk of displacement from strong surface winds.
- Provide mechanical support to horticultural crops and staking or support to vegetables and young fruit plants / fruit-bearing plants to avoid lodging due to strong winds.

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:

Flash Flood Risk (FFR) till 1130 IST of 23-07-2026: Low to Moderate flash flood risk likely over few watersheds & neighbourhoods of following Met Sub-divisions during next 24 hours. Gujarat Region: Dadara & Nagar Haveli, Daman, Valsad, Navsari, Tapi, Surat, Narmada, Bharuch and Chhota Udepur 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.	Product: NCUM FFR Timescale: 24-hr Region: "INDIA" Product Date: 2026-07-22 06:00 UTC Valid Date: 2026-07-23 06:00 UTC 
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Flash Flood Risk (FFR) till 1130 IST of 23-07-2026: Low to Moderate flash flood risk likely over few watersheds & neighbourhoods of following Met Sub-divisions during next 24 hours. Madhya Maharashtra: Satara, Kolhapur, Pune, Ahilyanagar, Nashik, Dhule and Nandurbar districts Konkan & Goa: Mumbai City, Mumbai Suburban, Palghar, Raigad, Sindhudurg, Thane and Ratnagiri 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.	Product: NCM FFR Timescale: 24-hr Region: "INDIA" Product Date: 2026-07-22 06:00 UTC Valid Date: 2026-07-23 06:00 UTC 
Flash Flood Risk (FFR) till 1130 IST of 23-07-2026: Low to Moderate flash flood risk likely over few watersheds & neighbourhoods of following Met Sub-divisions during next 24 hours. Jammu & Kashmir & Ladakh: Kathua, Doda, Udhampur, Ramban, Reasi, Kulgam, Shopian, Badgam, Baramula, Muzzafarabad, Ganderbal, Bandipora, Poonch and Kupwara districts Himachal Pradesh: Sirmaur, Shimla, Mandi, Kangra and Chamba districts Uttarakhand: Uttarkashi, Garhwal Tehri, Dehradun, Garhwal Pauri, Chamoli, Pithoragarh, Bageshwar, Almora, Champawat and Nainital 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.	Product: GFS FFR Timescale: 24-hr Region: "INDIA" Product Date: 2026-07-22 06:00 UTC Valid Date: 2026-07-23 06:00 UTC 

Flash Flood Risk (FFR) till 1130 IST of 23-07-2026:

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

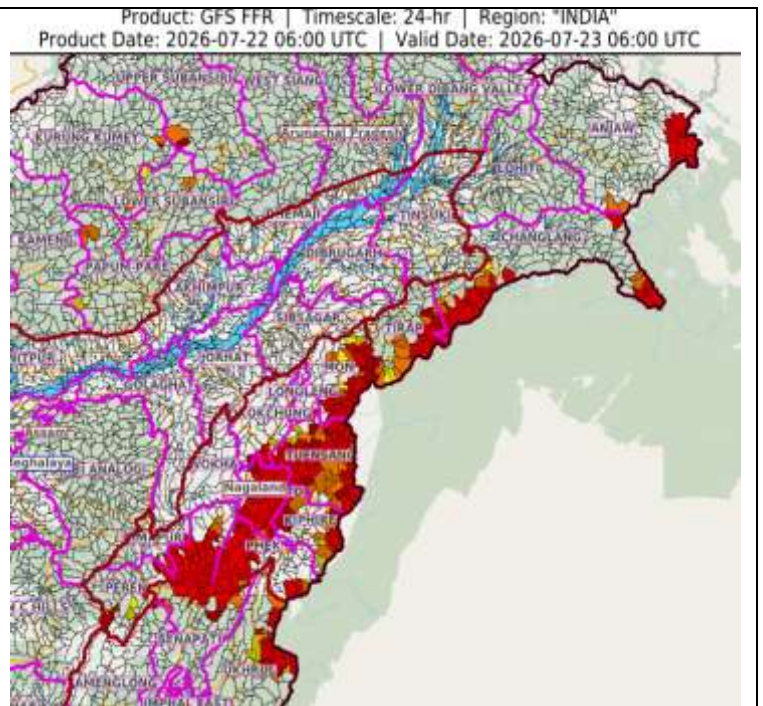
Nagaland Mizoram Manipur Tripura (NMMT):

Nagaland: Mon, Longleng, Mokokchung, Tuensang, Wokha, Zunheboto, Kiphire, Dimapur, Kohima, Phek and Peren districts

Manipur: Senapati and Ukhrul districts

Arunachal Pradesh: Tirap, Changlang and Anjaw districts

Surface runoff/ Inundation may occur at some fully saturated soils & low-lying areas over Area of Concern (AoC) as shown in map due to expected rainfall occurrence in next 24 hours.

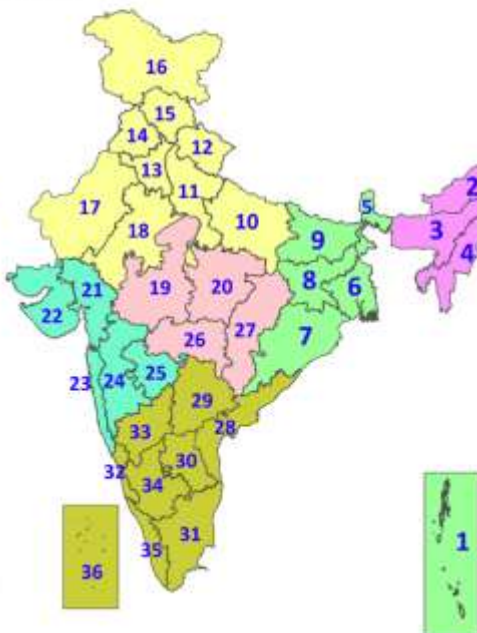


Legends & abbreviations:

- ❖ **Heavy Rain:**64.5115.5mm; **Very Heavy Rain:**115.6204.4mm; **Extremely Heavy Rain:** >204.4mm.
- ❖ **Obsy:** Observatory; Automatic Weather Station; **ARG:** Automatic Rain Gauge; **dist:** District; **NH:** National Highway; **KVK:** Krishi Vigyan Kendra; **DVC:** Damodar Valley Corporation; **PTO:** Part Time Office, **Aero:** Aerodrome, **IAF:** Indian Air Force.
- ❖ **Region wise classification of meteorological Sub-Divisions:**
 - **Northwest India:** Western Himalayan Region (Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh and Uttarakhand); Punjab, Haryana Chandigarh & Delhi; West Uttar Pradesh, East Uttar Pradesh, West Rajasthan and East Rajasthan.
 - **Central India:** West Madhya Pradesh, East Madhya Pradesh, Vidarbha and Chhattisgarh.
 - **East India:** Bihar, Jharkhand, Sub-Himalayan West Bengal & Sikkim; Gangetic West Bengal, Odisha and Andaman & Nicobar Islands.
 - **Northeast India:** Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.
 - **West India:** Gujarat Region, Saurashtra & Kutch, Coastal Maharashtra (Konkan) & Goa, Madhya Maharashtra and Marathawada.
 - **South India:** Coastal Andhra Pradesh & Yanam, Telangana, Rayalaseema, Coastal Karnataka, North Interior Karnataka, South Interior Karnataka, Kerala & Mahe, Tamil Nadu, Puducherry & Karaikal and Lakshadweep.

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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