



Government of India
Ministry of Earth Sciences
India Meteorological Department



Press Release

Date: 13th July 2026

Time of Issue: 1320 hours IST

Subject: (i) Isolated heavy to very heavy rainfall likely to continue over northeast India, West Bengal & Bihar during next 3-4 days. Isolated extremely heavy rainfall also likely over Meghalaya and Sub-Himalayan West Bengal & Sikkim on today, the 13th July, 2026.

(ii) Subdued rainfall activity likely over the plains of northwest India, over westcentral & south Peninsular India during next 6-7 days.

Realised weather during past 24 hours ending at 0830 hours IST of today, the 13th July, 2026:

- ❖ **Extremely heavy rainfall (≥ 21 cm)** has been recorded over Sub-Himalayan West Bengal & Sikkim.
- ❖ **Very Heavy rainfall (12-20 cm)** has been recorded over East Uttar Pradesh, Bihar, Assam & Meghalaya, and Tripura.
- ❖ **Heavy rainfall (7-11 cm)** has been recorded over Arunachal Pradesh, Gangetic West Bengal, Himachal Pradesh, and Uttarakhand.
- ❖ **Thunderstorm accompanied with Squally/Gusty winds with speed reaching 60-80 kmph** at isolated places over Andaman & Nicobar Islands and Punjab **with speed reaching 40-60 kmph** at isolated places over Himachal Pradesh, Uttarakhand, East Uttar Pradesh, West Rajasthan, Madhya Pradesh, Vidarbha, Maharashtra, Gujarat State, Tamil Nadu, Puducherry & Karaikal, Kerala & Mahe, Rayalaseema, Telangana, and Interior Karnataka.

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

- ❖ The western end of the **Monsoon trough** at mean sea level is near its normal position and its eastern end is north of its normal position.
- ❖ The **Western Disturbance** as cyclonic circulation now lies over central Pakistan in lower tropospheric level with a trough aloft in middle tropospheric westerlies along Long. 72°E to the north of Lat. 32°N.
- ❖ An **upper air cyclonic circulation** lies over North Bay of Bengal & adjoining South Bangladesh in middle tropospheric levels.
- ❖ An **upper air cyclonic circulation** lies over East Bangladesh & neighbourhood in lower tropospheric level.
- ❖ A **Trough** runs from north west Bihar to Manipur in lower tropospheric level.

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

Northwest India:

- ❖ **Isolated to Scattered** rainfall likely over Himachal Pradesh and Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 13th-17th July.
- ❖ **Isolated to Scattered** rainfall likely over Haryana Chandigarh & Delhi, Punjab and West Uttar Pradesh during 13th-19th July; East Uttar Pradesh during 13th-17th July; East Rajasthan during 16th-19th July.
- ❖ **Fairly Widespread to Widespread** rainfall likely over Himachal Pradesh and Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 18th-19th July; Uttarakhand during 13th-19th July.
- ❖ **Fairly Widespread to Widespread** rainfall likely over East Uttar Pradesh during 18th-19th July.
- ❖ Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 13th-19th July.
- ❖ Isolated **thunderstorm & lightning** likely over Uttarakhand during 13th-19th July.
- ❖ Isolated **heavy rainfall** likely over Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and West Uttar Pradesh during 18th-19th July; Uttarakhand during 15th-19th July; East Uttar Pradesh during 17th-19th July.

Central India:

- ❖ **Isolated to Scattered** rainfall likely over West Madhya Pradesh during 15th-19th July; Chhattisgarh, East Madhya Pradesh and Vidarbha during 13th-19th July.

- ❖ Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over West Madhya Pradesh during 16th-17th July.
- ❖ Isolated **thunderstorm & lightning** likely over Vidarbha during 13th-15th July; Chhattisgarh during 14th-17th July.
- ❖ Isolated **heavy rainfall** likely over Chhattisgarh during 14th-15th July.

East India:

- ❖ **Fairly Widespread to Widespread** rainfall likely over Andaman & Nicobar Islands and Bihar during 13th-15th July; Gangetic West Bengal and Sub-Himalayan West Bengal & Sikkim during 13th-19th July; Jharkhand during 14th-17th July; Odisha during 14th-15th July.
- ❖ **Isolated to Scattered** rainfall likely over Andaman & Nicobar Islands and Bihar during 16th-19th July; Jharkhand on 13th July and during 18th-19th July; Odisha on 13th July and during 16th-19th July.
- ❖ Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Andaman & Nicobar Islands during 13th-16th July; Gangetic West Bengal during 15th-17th July, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Andaman & Nicobar Islands during 17th-19th July; Gangetic West Bengal during 13th-14th July; Jharkhand and Odisha during 13th-17th July; Bihar during 13th-19th July.
- ❖ Isolated **thunderstorm & lightning** likely over Sub-Himalayan West Bengal & Sikkim during 13th-19th July.
- ❖ Isolated **heavy rainfall** likely over Sub-Himalayan West Bengal & Sikkim on 14th, 15th, 18th & 19th July; Gangetic West Bengal during 13th-17th July; Jharkhand during 13th-14th July; Bihar during 15th-19th July; Odisha on 13th and 16th July with isolated **very heavy rainfall** also likely over Bihar during 13th-14th July; Odisha during 14th-15th July.
- ❖ **Heavy to very heavy rainfall at few places with extremely heavy rainfall likely at isolated places over Sub-Himalayan West Bengal & Sikkim on 13th July.**

Northeast India:

- ❖ **Fairly Widespread to Widespread** rainfall likely over Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during 13th-19th July.
- ❖ Isolated **thunderstorm & lightning** likely over Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during 13th-19th July.
- ❖ Isolated **heavy rainfall** likely over Arunachal Pradesh during 13th-19th July; Assam & Meghalaya during 13th-15th July and during 17th-19th July; Nagaland, Manipur, Mizoram & Tripura during 14th-16th July and during 18th-19th July with isolated **very heavy rainfall** also likely over Assam & Meghalaya on 16th July; Nagaland, Manipur, Mizoram & Tripura on 13th July and on 17th July.
- ❖ **Heavy to very heavy rainfall at few places with extremely heavy rainfall likely at isolated places over Meghalaya on 13th July.**

West India:

- ❖ **Isolated to Scattered** rainfall likely over Konkan & Goa during 13th-16th July; Gujarat Region, Madhya Maharashtra and Saurashtra & Kutch during 13th-19th July; Marathwada during 15th-19th July.
- ❖ **Fairly Widespread to Widespread** rainfall likely over Konkan & Goa during 17th-19th July.

South Peninsular India:

- ❖ **Isolated to Scattered** rainfall likely over North Interior Karnataka, South Interior Karnataka, Tamil Nadu, Puducherry & Karaikal and Telangana during 13th-19th July; Kerala & Mahe during 13th-17th July; Lakshadweep on 13th July and during 16th-17th July; Coastal Karnataka during 13th-16th July; Coastal Andhra Pradesh & Yanam during 15th-19th July; Rayalaseema during 16th-19th July.
- ❖ **Fairly Widespread to Widespread** rainfall likely over Kerala & Mahe and Lakshadweep during 18th-19th July; Coastal Karnataka during 17th-19th July.
- ❖ Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Coastal Andhra Pradesh & Yanam on 15th July, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Coastal Karnataka, North Interior Karnataka and South Interior Karnataka during 13th-17th July; Coastal Andhra Pradesh & Yanam and Rayalaseema during 16th-17th July.
- ❖ Strong Surface Winds likely over Coastal Andhra Pradesh & Yanam, Coastal Karnataka, Rayalaseema and South Interior Karnataka during 13th-17th July.

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

- ❖ **Heat wave** conditions very likely in isolated pockets over Coastal Andhra Pradesh & Yanam during 13th-15th July.
- ❖ **Hot and humid** weather conditions likely to prevail over Odisha during 13th-14th July; Rayalaseema and Tamil Nadu, Puducherry & Karaikal during 13th-15th July.

Fishermen Warning:

Arabian Sea:

- ❖ Along and off Somalia, Oman, over most parts of west central adjoining east central, & some parts of north & south west Arabian Sea during 13th to 18th July; along and off north Gujarat during 13th to 15th July

Bay of Bengal:

- ❖ Along and off, north Andhra Pradesh coasts adjoining Sea Area, south Sri Lanka coasts adjoining southwest Bay of Bengal; southeast adjoining eastcentral Bay of Bengal on 13th July; along and off Odisha coasts during 13th to 18th July; along and off Gangetic West Bengal coasts during 15th to 18th July; over Andaman Sea during 13th to 17th 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):

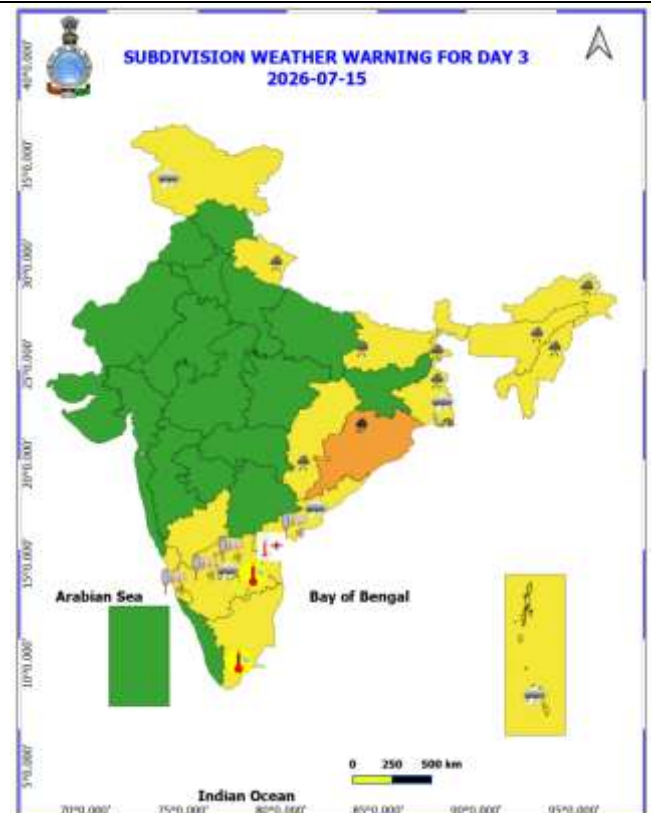
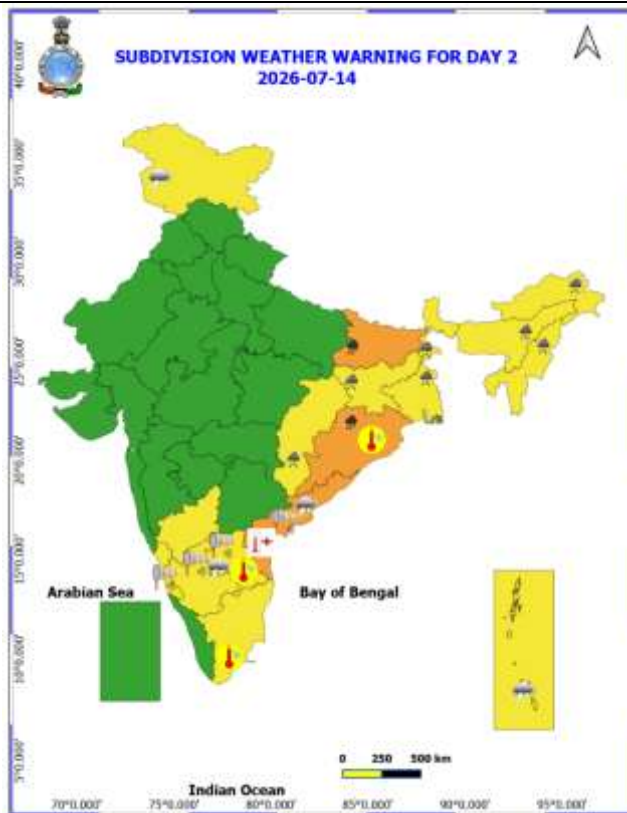
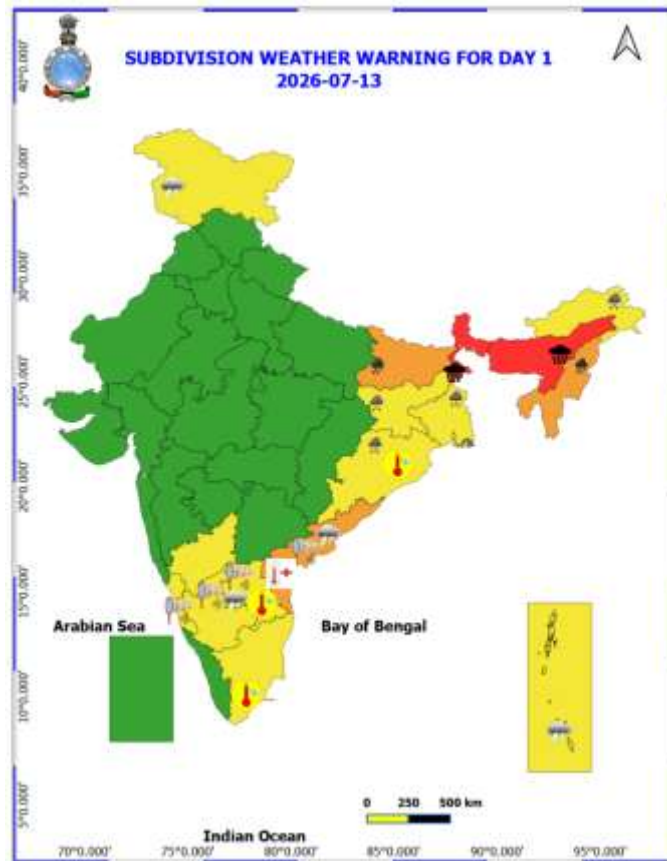
- ❖ **Sub-Himalayan West Bengal & Sikkim:** Hasimara 24
- ❖ **Bihar:** West Champaran 17
- ❖ **Assam & Meghalaya:** Beki Rd Bridge 15
- ❖ **Tripura:** DM-Office (West Tripura) 14
- ❖ **East Uttar Pradesh:** Nichlaul (Maharajganj)-13
- ❖ **Himachal Pradesh:** Bilaspur 7
- ❖ **Uttarakhand:** Dharchula 11
- ❖ **Arunachal Pradesh:** Koloraing (Arg) 7
- ❖ **Gangetic West Bengal:** Contai 7

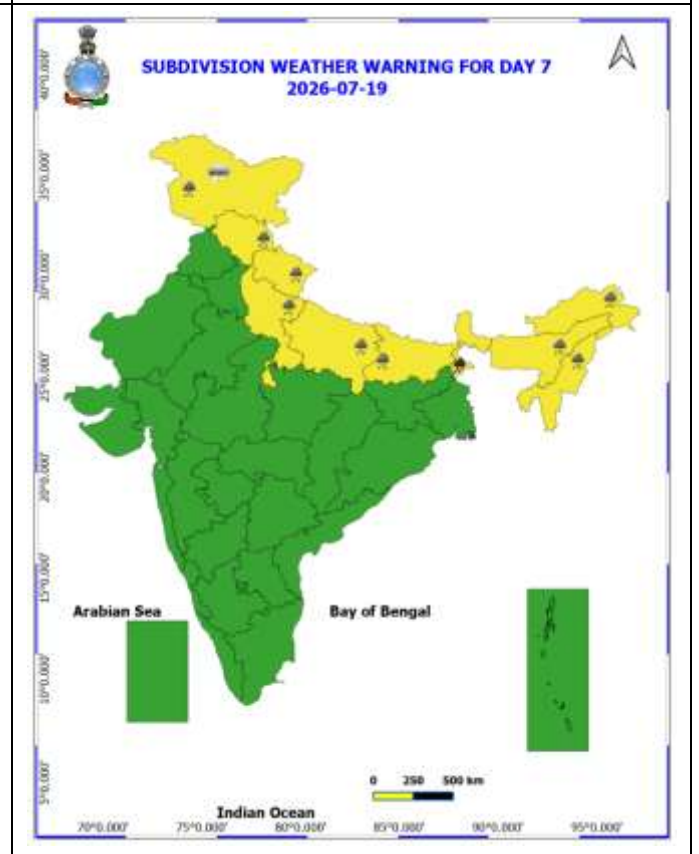
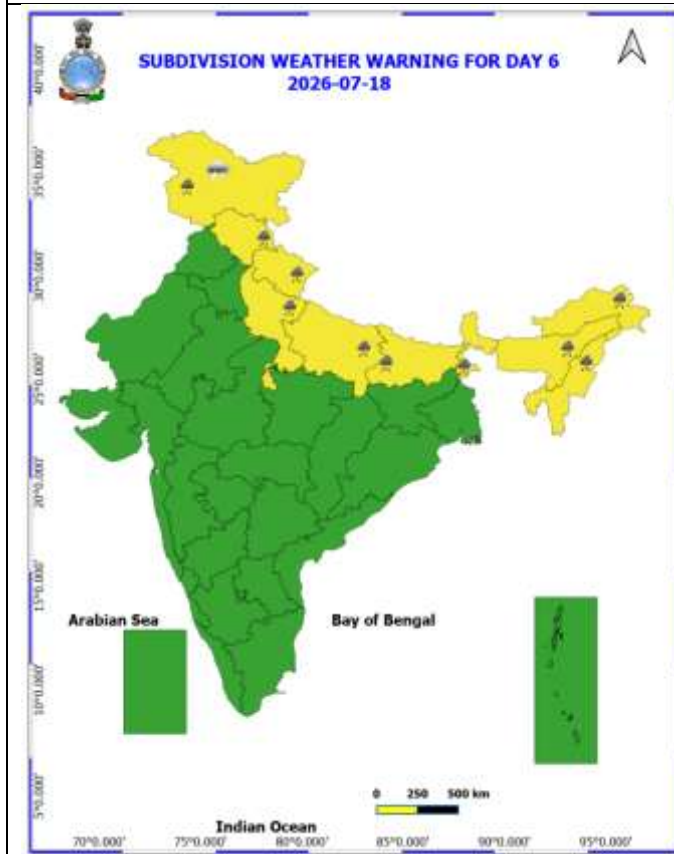
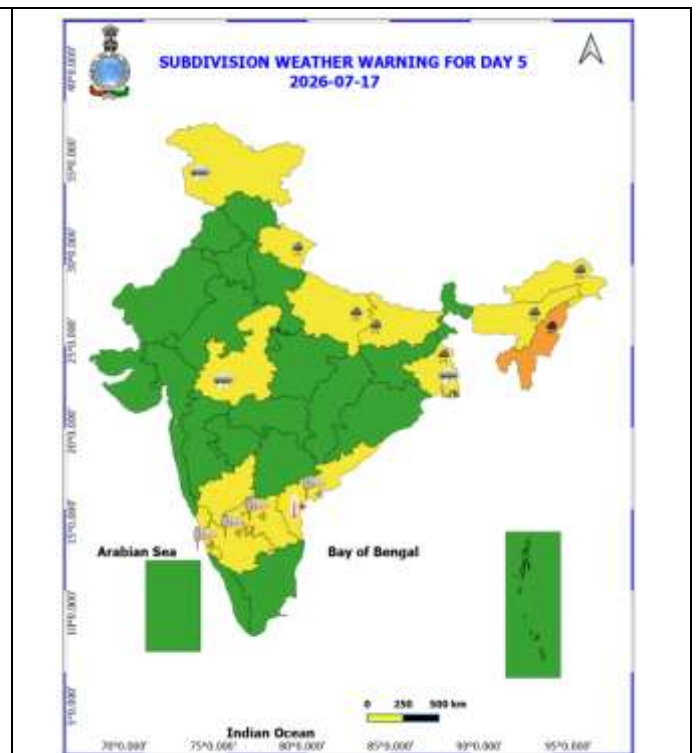
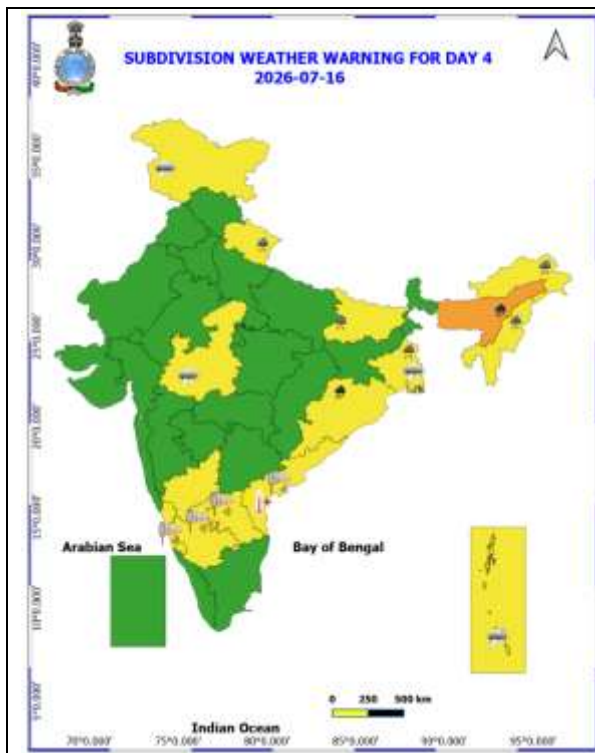
Gusty winds (in ≥ 40 kmph) (from 0830 hours IST of yesterday to 0830 hours IST of today):

- **Punjab:** Faridkot - 72; Muktsar - 54; Rupnagar - 50; Ropar - 50; Ludhiana - 50; Hoshiarpur - 46; Firozpur - 44; Mohali - 43; Bhatinda - 43
- **Andaman & Nicobar Islands:** Sri Vijayapuram - 64
- **Gujarat Region:** Maktampura(Bharuch) 59;
- **Saurashtra & Kutch:** Khavda(Kutch) 59;
- **Madhya Maharashtra:** Kalwan (Nashik) - 57; Vilholi (Nashik) - 57
- **Tamil Nadu, Puducherry & Karaikal:** Veda sandur (Dindigul) - 54; Tnau (Coimbatore) - 44; Amfu (Kanyakumari) - 43; Amfu (Coimbatore) - 41; Kovilpatti (Thoothukudi) - 41;
- **East Uttar Pradesh:** Gorakhpur(IAF) - 52
- **Himachal Pradesh:** Berthin - 50; Neri - 46; Shimla - 41; Hamirpur - 41;
- **West Madhya Pradesh:** Indore - 50; Hosangabad - 44; Raisen - 41; Bhopal - 41; Ujjain - 41; Agar - 41; Sehore - 41;
- **West Rajasthan:** Jaisalmer - 48
- **Bihar:** Patna - 44
- **Uttarakhand:** Mukteshwar - 44;
- **Marathwada:** Chakur (Latur) - 44; Ambejogai(Beed) - 41
- **Odisha:** Puri - 43
- **East Madhya Pradesh:** Jabalpur - 41;
- **Vidarbha:** Akola - 41;
- **Konkan & Goa:** Karjat (Raigad) - 41; Santacruz (Mumbai) - 41
- **Kerala & Mahe:** Thiruvananthapuram 46
- **Telangana:** Tandur 44
- **Rayalaseema:** Anantpur 50
- **North Interior Karnataka:** Bidar 59
- **South Interior Karnataka:** Guntur 50

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

There has been rise in maximum temperatures by 1°C and rise in minimum temperatures by 1°C over Delhi during past 24 hours. The maximum temperatures were in the range of 36-37°C and the minimum temperatures are in the range 24-29°C respectively during past 24 hours over Delhi. The minimum temperatures are below normal (-1.6°C to -3.0°C) at isolated places, above normal (1.6°C to 3.0°C) at a few places and normal (-1.5 to 1.5°C) over the remaining parts of Delhi. The maximum temperatures were above normal (1.6°C to 3.0°C) at isolated places and normal (-1.5 to 1.5°C) over the remaining parts of Delhi. Partly cloudy sky with surface wind speed 25 kmph from the southwest direction prevailed over Delhi during past 24 hours. Partly cloudy sky with surface wind speeds up to 20 kmph likely to prevailed from the west direction over the region in the forenoon today.

Weather Forecast:

13.07.2026: Partly cloudy sky. Strong surface wind speed (20- 30 kmph) occasionally gusting to 40 kmph during the day. The maximum temperatures over Delhi are likely to be in the range of 36-38°C. The maximum temperatures will be near normal (-1.5°C to 1.5°C) at many places with above normal (1.6°C to 3.0°C) at isolated places over Delhi. The predominant surface wind is likely to be from the west direction with surface wind speed reaching up to 20 kmph during the afternoon hours. The wind speed will increase becoming up to 25 kmph from the west direction during evening and night.

14.07.2026: Partly cloudy sky. The maximum and minimum temperatures over Delhi are likely to be in the range of 36°C to 38°C and 26°C to 28°C, respectively. The minimum temperature will be near normal (-1.5°C to 1.5°C) at most places, and maximum temperatures near normal (-1.5°C to 1.5°C) at many places with above normal (1.6°C to 3.0°C) at isolated places over Delhi. The predominant surface wind is likely to be from west direction with surface wind speed reaching up to 20 kmph during the morning hours. The wind speed will decrease up to 16 kmph from the northwest direction during the afternoon. The wind speed will increase becoming up to 25 kmph from the west direction during evening and night.

15.07.2026: Partly cloudy sky. The maximum and minimum temperatures over Delhi are likely to be in the range of 37°C to 39°C and 27°C to 29°C, respectively. The minimum temperature will be near normal (-1.5°C to 1.5°C) at isolated places with above normal (1.6°C to 3.0°C) at many places, and the maximum temperatures will be above normal (1.6°C to 3.0°C) at many places with appreciably above normal (3.1°C to 5.0°C) at isolated places over Delhi. The predominant surface wind is likely to be from west direction with surface wind speed reaching up to 20 kmph during the morning hours. The wind speed will decrease becoming up to 16 kmph from the west direction during the afternoon. The wind speed will increase becoming up to 25 kmph from the west direction during evening and night.

16.07.2026: Partly cloudy sky. The maximum and minimum temperatures over Delhi are likely to be in the range of 37°C to 39°C and 26°C to 28°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 above normal (1.6°C to 3.0°C) at many places with appreciably above normal (3.1°C to 5.0°C) at isolated places over Delhi. The predominant surface wind is likely to be from the west direction with wind reaching up to 25 kmph during the morning hours. The surface wind speed will decrease becoming up to 18 kmph from the southwest direction during the afternoon. The wind speed will increase becoming up to 20 kmph from the west direction during evening and night.

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

- ❖ **Heavy to very heavy rainfall with extremely heavy rainfall likely at isolated places over Sub-Himalayan West Bengal & Sikkim and Meghalaya on 13th 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.

Impact expected and action suggested due to Heat wave conditions:

- ❖ **Heat wave** conditions very likely in isolated pockets over Coastal Andhra Pradesh & Yanam during 13th-15th July.

Alert Areas

- High temperature & increased likelihood of heat illness symptoms in people who are either exposed to sun for a prolonged period or doing heavy work.
- High health concern for vulnerable people e.g. infants, elderly, people with chronic diseases.
- Avoid heat exposure– keep cool. Avoid dehydration.
- Drink sufficient water- even if not thirsty.
- Use ORS, homemade drinks like lassi, torani (rice water), lemon water, buttermilk, etc. to keep yourself hydrated.

Agromet advisories for likely impact of Heavy Rainfall

- In **Assam**, ensure continuous and effective drainage of excess rainwater from sugarcane, soybean, pigeon pea, jute, sesame fields and fruit orchards to prevent prolonged waterlogging.
- In **Meghalaya**, Ensure proper drainage in rice nursery beds and field of maize, cow pea, okra and ginger crop. Strengthen nursery bunds to prevent runoff and seedling washout.
- In **West Bengal**, ensure continuous and effective drainage in rice and finger millet nurseries, ginger, tomato, brinjal, Dalley khorsani and other vegetable fields to prevent prolonged waterlogging. Inspect and strengthen bunds around rice nurseries to prevent flooding. Harvest mature crops, tea leaves and vegetables wherever field conditions permit.
- In **Nagaland**, continue sowing of soybean wherever field conditions are suitable. Harvest mature maize cobs. Ensure proper drainage in ginger fields to prevent residual waterlogging.
- In **Manipur**, ensure proper drainage and remove any accumulated rainwater from soybean, black gram, ginger, turmeric, cole crop and vegetable fields to prevent residual waterlogging.
- In **Mizoram**, maintain adequate drainage and remove excess water from maize and sugarcane fields to facilitate field recovery.
- In **Tripura**, continue transplanting of Aman rice wherever field conditions are suitable for operation.
- In **Bihar**, postpone irrigation in standing crops. Ensure proper drainage in crop fields prone to waterlogging to prevent crop damage due to excess rainfall.

- In **Arunachal Pradesh**, Drain out excess water from crops (rice, maize, soybean, finger millet). Where large gaps have formed due to crop loss, carry out gap filling where feasible.
- In **East Uttar Pradesh**, ensure proper drainage in fields of rice, maize, sesame and vegetables.
- In the regions expecting heavy rainfall, including **Jharkhand, Chhattisgarh and Odisha** withhold irrigation in standing crops, make necessary arrangements to remove excess rain water from the crop fields.
- In **Jammu & Kashmir**, check for any accumulated rainwater from rice nurseries and maize and green gram fields and ensure drainage to avoid residual waterlogging.
- In **Punjab**, remove any standing water from cotton and maize fields and maintain proper drainage to facilitate field recovery.
- In **Haryana**, drain out any remaining standing water from cotton fields and restore field drainage to prevent crop stress.
- In **Himachal Pradesh**, drain out excess water and maintain adequate drainage in cucurbit, tomato, capsicum and maize fields to prevent residual waterlogging and improve field aeration.
- In **Uttarakhand**, resume sowing of groundnut, soybean and maize only after the fields become suitable for field operations. Maintain proper drainage in already sown groundnut, soybean, maize, tomato and chilli fields to prevent residual waterlogging.

Agromet advisories for likely impact of High temperatures/ Heat Waves

- In Coastal Andhra Pradesh, provide light irrigation to maintain adequate moisture in standing crops.

Agromet advisories for likely impact of Thunderstorm / Gusty Winds

- In **East Madhya Pradesh, Bihar, Sikkim, Uttarakhand, Vidarbha, and Chhattisgarh** post-pone fertilizer application and other field activities
- 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.
- In **Telangana and Rayalaseema** provide 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 14-07-2026:

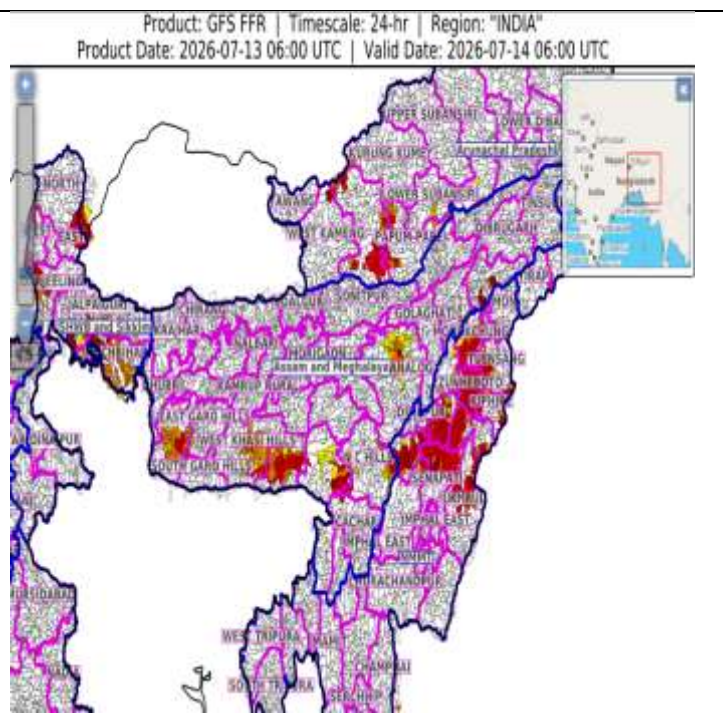
Low to Moderate flash flood risk likely over few watersheds & neighbourhoods of following Met Sub-divisions during next 24 hours.

Assam & Meghalaya - Cachar, Karbi Analog, N.C Hills, Sibsagar, East Garo Hills, East Jaintia Hills, South Garo Hills, West Garo Hills, West Jaintia Hills, West Khasi Hills and Jaintia Hills districts.

Nagaland Mizoram Manipur Tripura (NMMT) - Senapati, Ukhrul, Lunglei, Dimapur, Kiphire, Kohima, Longleng, Mokokchung, Peren, Phek, Tuensang and Zunheboto districts.

Sub-Himalayan West Bengal & Sikkim - East Sikkim, North Sikkim, South Sikkim, West Sikkim, Darjeeling, Jalpaiguri, Kochbihar and Uttar_Dinajpur 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.

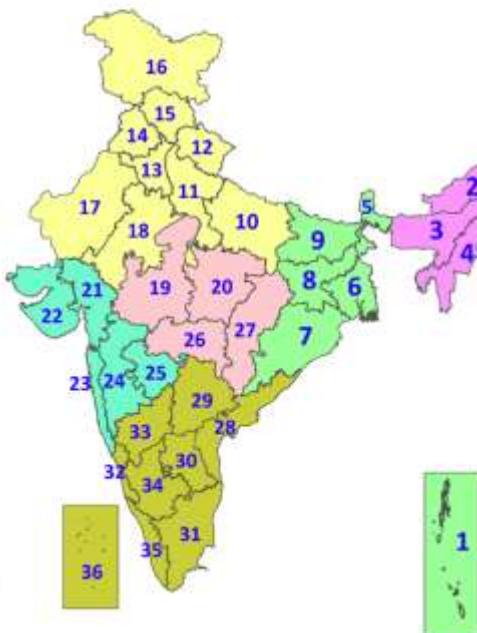


Legends & abbreviations:

- ❖ **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.

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