



Government of India
Ministry of Earth Sciences
India Meteorological Department



Press Release

Date: 04th July, 2025

Time of Issue: 1330 hours IST

**Subject: (i) Heavy rainfall activity likely to continue over northwest and central India during next 7 days with peak intensity over northwest India during 6th & 7th July; over East India till 7th July.
(ii) Extremely heavy rainfall (≥ 21 cm) at isolated places likely over East Madhya Pradesh on 04th and over Himachal Pradesh on 6th July**

Realised weather during past 24 hours till 0830 hours IST of today, the 04th July, 2025 (Annexure II):

- ❖ **Heavy to very heavy rainfall (7-20 cm)** has been recorded at some places over Saurashtra; at isolated places over Chhattisgarh, West Rajasthan, East Madhya Pradesh, Konkan, Gujarat region; **Heavy rainfall (7-11 cm)** at isolated places over Himachal Pradesh, Uttarakhand, Odisha, Sub-Himalayan West Bengal, West Madhya Pradesh, Madhya Maharashtra, Goa, Coastal & South Interior Karnataka, Nagaland and Meghalaya.
- ❖ **Thunderstorm accompanied with Squally/Gusty winds with speed 40-60 kmph** at isolated places over Himachal Pradesh, West Madhya Pradesh, Andaman & Nicobar Islands, Madhya Maharashtra, Konkan, Marathawada, Assam & Meghalaya, Arunachal Pradesh, Vidarbha, Kerala, Rayalaseema, Telangana and interior Karnataka.

For more details of realised weather, kindly refer [Annexure I](#),

i. Weather Systems, Forecast and Warnings (refer to Annexure II & III):

- ❖ Monsoon trough at mean sea level runs near normal of its position.
- ❖ A cyclonic circulation lies over Northeast Madhya Pradesh in lower tropospheric levels.
- ❖ An upper air cyclonic circulation lies over northern parts of Gangetic West Bengal in lower & middle tropospheric levels tilting southwards with height.
- ❖ A trough runs from north Gujarat to the above cyclonic circulation over northern parts of Gangetic West Bengal & neighborhood across Madhya Pradesh, Chhattisgarh, Jharkhand in lower tropospheric levels
- ❖ An off-shore trough at sea level along Maharashtra-Karnataka coasts persists.

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

East & Central India:

- ✓ **Extremely heavy rainfall (≥ 21 cm)** very likely at isolated places over East Madhya Pradesh on 04th July.
- ✓ Isolated **heavy rainfall** over Madhya Pradesh, Vidarbha, Chhattisgarh during 04th-10th July; Jharkhand, Gangetic West Bengal, Odisha during 04th-07th; Sub-Himalayan West Bengal & Sikkim on 04th and during 07th-09th; Andaman & Nicobar Islands on 06th July with **very heavy rainfall** over Madhya Pradesh during 04th, 05th and during 08th-10th; Chhattisgarh during 04th-08th; Vidarbha during 06th-08th; Gangetic West Bengal on 05th & 06th; Jharkhand on 06th July.
- ✓ Light/moderate rainfall at most/many places accompanied with accompanied with thunderstorm, lightning & gusty winds speed reaching 30-40 kmph likely over the region during next 7 days.

Northwest India:

- ✓ **Extremely heavy rainfall (≥ 21 cm)** very likely at isolated places over Himachal Pradesh on 06th July.
- ✓ Isolated **heavy rainfall** likely over Himachal Pradesh, Uttarakhand, East Rajasthan, West Uttar Pradesh during 04th-10th July; East Uttar Pradesh, West Rajasthan on 04th, 05th and during 08th-10th; Haryana, Chandigarh, Punjab, Jammu & Kashmir during 05th-09th July with **very heavy rainfall over Jammu on 06th; Himachal Pradesh, Uttarakhand during 05th-08th; Punjab, Haryana on 06th & 07th; West Uttar Pradesh on 06th; East Rajasthan during 04th-06th and 09th & 10th July.**
- ✓ Light/moderate rainfall at most/many places accompanied with thunderstorm, lightning likely over western Himalayan region and some/many places over the plains during next 7 days.

West India:

- ✓ **Extremely heavy rainfall (≥ 21 cm)** very likely at isolated places over Ghat areas of Madhya Maharashtra on 06th & 07th July.

- ✓ **Heavy to very heavy rainfall** likely at isolated places over Konkan & Goa, Ghat areas of Madhya Maharashtra, Gujarat region during next 7 days and **heavy rainfall** over Saurashtra & Kutch during 04th-08th; Marathwada on 06th & 07th July.
- ✓ Light/moderate rainfall at most/many places accompanied with **thunderstorm, lightning & gusty winds speed reaching 30-40 kmph** likely over the region during next 7 days.

Northeast India:

- ✓ Light/moderate rainfall at most places accompanied with **thunderstorm, lightning and isolated heavy rainfall** likely to continue over Northeast India during next 7 days with very heavy rainfall over Arunachal Pradesh on 04th and Meghalaya on 04th & 06th July.

South Peninsular India:

- ✓ Isolated **heavy rainfall** likely over Tamil Nadu on 04th & 05th; Kerala & Mahe on 04th, 5th, 09th & 10th; Interior Karnataka during 04th-06th July, Coastal Karnataka during 04th-10th July with **very heavy rainfall** over Coastal Karnataka during 04th-06th and South Interior Karnataka on 04th July.
- ✓ **Strong surface winds** (speed reaching 40-50 kmph) very likely over South Peninsular India during next 5 days.
- ✓ Light/moderate rainfall at many/some places over Kerala & Mahe, Lakshadweep, Karnataka, Telangana; isolated to scattered rainfall accompanied with isolated **thunderstorm, lightning** over Coastal Andhra Pradesh & Yanam, Tamil Nadu, Puducherry & Karaikal and Rayalaseema during next 7 days.

Fishermen Warnings:

Fishermen are advised to avoid venturing into the following from 04th July to 09th July 2025 to the following Areas:

Arabian Sea:

Along and off Gujarat, Konkan, Goa coasts and adjoining sea areas; along and off the Somalia coast and adjoining sea areas, Oman and adjoining Yemen coast & adjoining sea areas; over central & adjoining north, south Arabian Sea during day 1 to day 5 (04th to 09th July); southern & some parts of northwest Arabian Sea for day 1 (04th July).

Bay of Bengal:

Along and off north Andhra Pradesh coast for day 1 & day 2 (04th & 05th July); off Tamil Nadu and Andhra Pradesh coasts for day 3 & day 4 (06th & 07th July); many parts of central Bay of Bengal for day 1 to day 4 (04th to 07th July), some parts of westcentral Bay of Bengal for day 5 (08th July); few parts of southwest Bay of Bengal for day 2 to day 4 (05th to 08th July); over Gulf of Mannar for day 1 (04th July).

Total suspension of fishing operations is suggested over above mentioned areas and dates.

ii. Weather conditions and forecast over Delhi/NCR during 04th to 07th July, 2025 (Annexure IV)

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>

Rainfall recorded (in cm) during past 24 hours till 0830 hours IST of today, the 04th July:

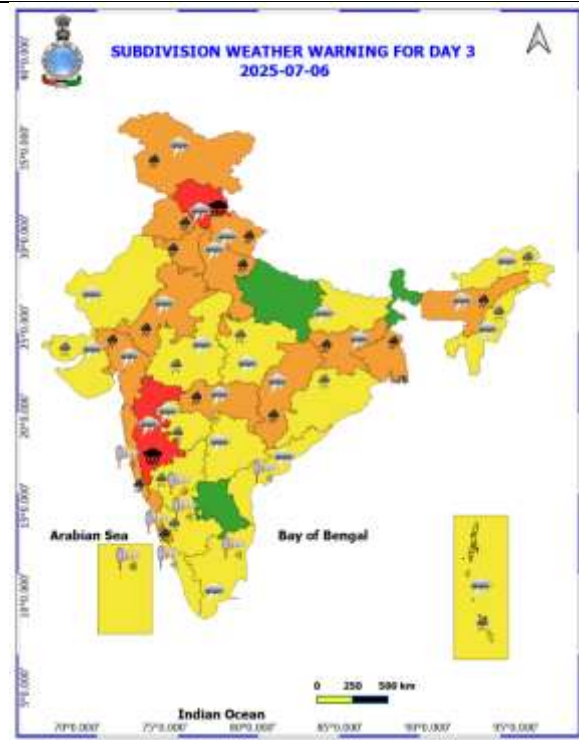
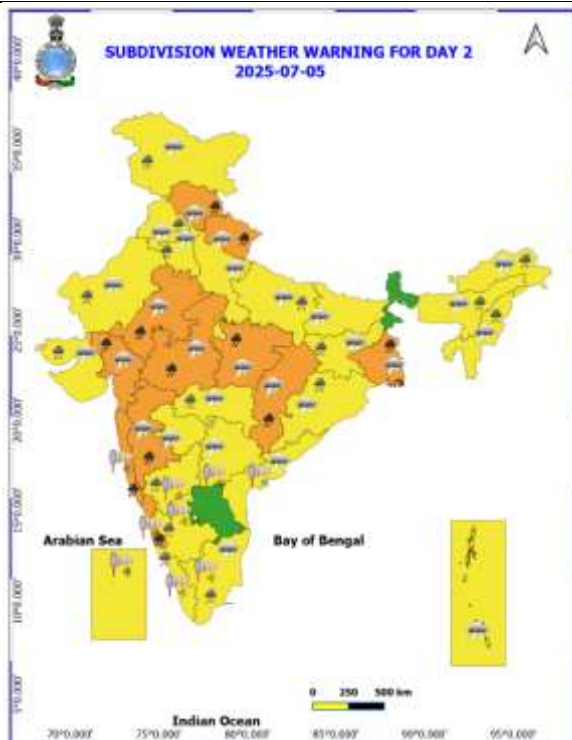
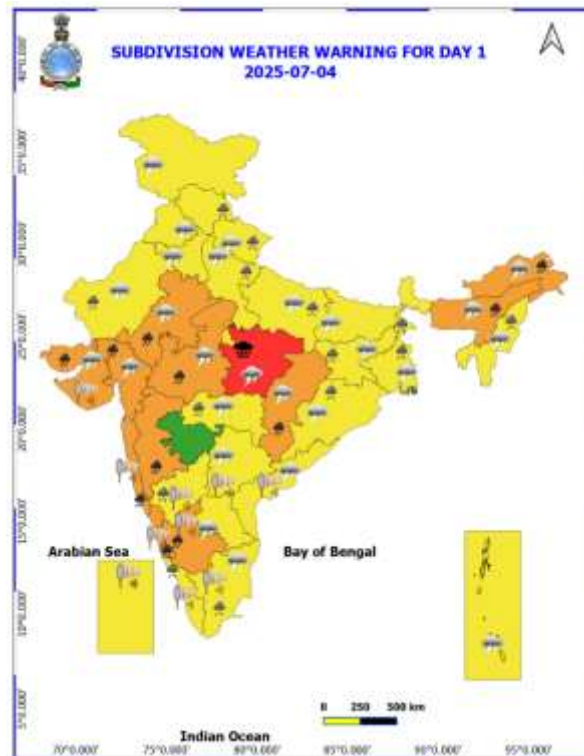
- ❖ **East Madhya Pradesh:** Matiyari (dist Mandla) 19, Bichhia (dist Mandla) 19, Ghansore (dist Seoni) 15, Tikamgarh-aws (dist Tikamgarh) 15, Bijadandi (dist Mandla) 14, Narayanganj (dist Mandla) 3, Nainpur (dist Mandla) 13, Keolari (dist Seoni) 11, Amanganj (dist Panna) 10, Mohgaon (dist Mandla) 9, Mandla (dist Mandla) 9, Mawai (dist Mandla) 9, Chandia (dist Umaria) 8, Amarpur (dist Dindori) 8, Lakhnadon (dist Seoni) 8, Mehadwani (dist Dindori) 8, Dhanora (dist Seoni) 8, Ghughri (dist Mandla) 7,
- ❖ **Chhattisgarh:** Kartala (dist Korba), Kharsiya (dist Raigarh) 15 Each; Korba (dist Korba), Bhaisma (dist Korba) 13 Each; **Bihar**pur (dist Surajpur) 12; Malkharoda (dist Sakti), Odagi (dist Surajpur) 11 Each; Dhabhara (dist Sakti), Kukdur (dist Kabirdham) 10 Each; Raigarh (dist Raigarh), Pasaan (dist Korba) 9 Each; Sakti (dist Sakti), Lormi (dist Mungeli), Lalpur Thana (dist Mungeli) 8 Each; Ajgarbahar (dist Korba), Ratanpur (dist Bilaspur), Hasaud (dist Sakti), Chhal (dist Raigarh) 7 Each;
- ❖ **Saurashtra & Kutch:** Jamkandorna (dist Rajkot) 14; Dhoraji (dist Rajkot) 11; Jodia (dist Jamnagar), Mundra (dist Kutch) 10 Each; Lalpur (dist Jamnagar) 9; Wadhvan (dist Surendranagar), Jamjodhpur (dist Jamnagar), Gandhidham (dist Kutch), Rajkot (dist Rajkot), Chuda (dist Surendranagar) 8 Each; Jetpur (dist Rajkot), Vanthali (dist Junagadh), Ranavav (dist Porbandar), Gondal (dist Rajkot), Dhrangadhra (dist Surendranagar), Kalavad (dist Jamnagar) 7 Each;
- ❖ **Konkan & Goa:** Sawantwadi (dist Sindhudurg) 13; Wada (dist Palghar), Savarde-arg (dist Ratnagiri) 11 Each; Sanguem (dist South Goa), Kudal (dist Sindhudurg), Chiplun (dist Ratnagiri) 10 Each; Mulde ARG (dist Sindhudurg) 9; Awalegaon - ARG (dist Sindhudurg), Rajapur (dist Ratnagiri), Kankavli (dist Sindhudurg) 8 Each; Khed (dist Ratnagiri), Panjim (dist North Goa), Quepem (dist South Goa), Lanja (dist Ratnagiri) 7 Each;
- ❖ **West Rajasthan:** Pokhran (dist Jaisalmer) 13; Jalore (dist Jalore) 10; Siwana SR (dist Barmer) 8;
- ❖ **Gujarat Region:** Idar (dist Sabarkantha) 12; Wav (dist Banaskantha), Songadh (dist Tapi) 7 Each;
- ❖ **Coastal Karnataka:** Udupi (dist Udupi), Honavar (dist Uttara Kannada) 11 Each; Karkala (dist Udupi) 10; Ankola (dist Uttara Kannada), Siddapura (dist Udupi), Kundapur (dist Udupi), Belthangadi (dist Dakshina Kannada), Gersoppa (dist Uttara Kannada) 9 Each; Kadra (dist Uttara Kannada), Puttur HMS (dist Dakshina Kannada) 8 Each; Mani (dist Dakshina Kannada), Mudubidre (dist Dakshina Kannada), Mangaluru AP (dist Dakshina Kannada), Bantwal (dist Dakshina Kannada), Karwar (dist Uttara Kannada), Dharmasthala (dist Dakshina Kannada) 7 Each;
- ❖ **Assam & Meghalaya:** Mawsynram (dist East Khasi Hills) 11;
- ❖ **Madhya Maharashtra:** Gaganbawada (dist Kolhapur), Igatpuri (dist Nashik) 11 Each; Radhanagari (dist Kolhapur), Shahuwadi (dist Kolhapur) 7 Each;
- ❖ **Odisha:** Th Rampur (dist Kalahandi) 10; Ambabhona (dist Bargarh), Lamataput (dist Koraput), Nandapur (dist Koraput) 7 Each;
- ❖ **West Madhya Pradesh:** Gyaspur (dist Vidisha) 9,
- ❖ **South Interior Karnataka:** Agumbe Emo (dist Shivamogga) 9; Hunchadakatte (dist Shivamogga) 8;
- ❖ **Uttarakhand:** Jakholi (dist Rudraprayag) 8;
- ❖ **Himachal Pradesh:** Aghar (dist Hamirpur) 7.

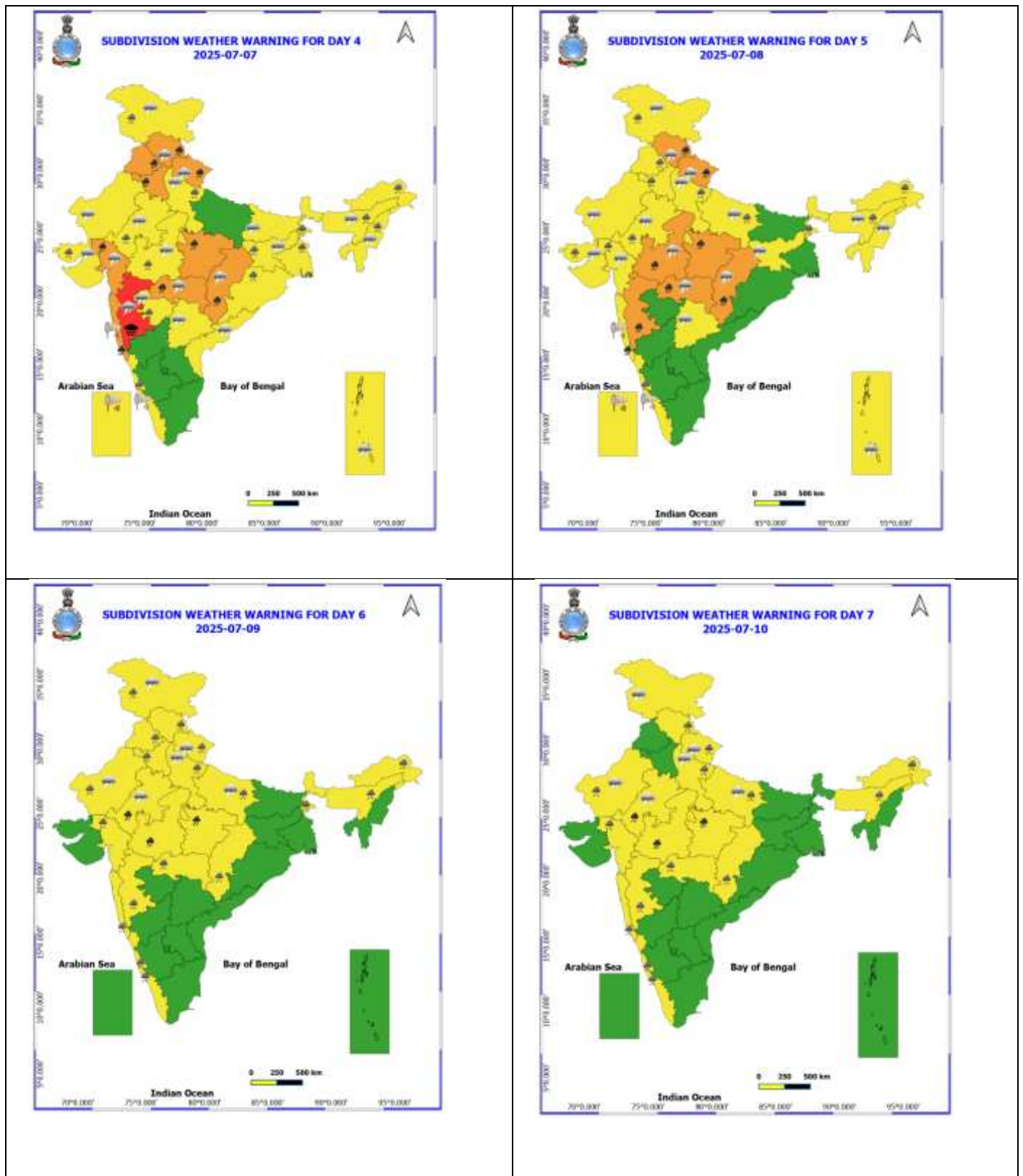
Realised Gusty Winds (kmph) During Past 24hours ending at 0830 hrs IST of today the 04th July:

- ❖ **Madhya Maharashtra:** Mahabaleshwar (Satara) 59, Kalwan (Nashik) 59, Vilholi (Nashik) and Kurvande (Pune) 52;
- ❖ **Konkan:** Santacruz 52, Dapoli (Ratnagiri) 41, Palghar 41;
- ❖ **West Madhya Pradesh:** Ujjain 44, Narmadapuram 37, Harda 35, Shajapur 35, Indore and Sehore 33, Agar 31, Ashoknagar 31, Badwani 31;
- ❖ **Marathwada:** Ambejogai (Beed) 44, Chh. Sambhaji Nagar 39, Chopda (Jalgaon) 39;
- ❖ **Himachal Pradesh:** Neri 43, Bilaspur & Bajaura 37;
- ❖ **Assam & Meghalaya:** Jorhat 43, Shillongani 41, Dibrugarh 33, Bihupuria 31, Diphu 31, Jowai 43, Tura 43, Mawsynram 41, Mawkyrwat 41, Tura 33, Umiam 30;
- ❖ **Arunachal Pradesh:** Seppa 41, Lowertato 35, Seppa_Pampoli 33, Anini 31, Itanagar 31;
- ❖ **Vidarbha:** Yavatmal 41;
- ❖ **Andaman & Nicobar Islands:** Shri Vijayapuram 40;

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

- As the lead period increases forecast accuracy decreases.





- Action may be taken based on ORANGE AND RED COLOUR 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 districtwise Multi Hazard weather warning for next five days available at <https://mausam.imd.gov.in/responsive/districtWiseWarningGIS.php>

Weather forecast over Delhi/NCR during 04th to 07th July 2025**Past Weather:**

There has been slight rise in the minimum and maximum temperature over Delhi/NCR during the past 24 hours. The maximum and minimum temperatures over Delhi were around 36 to 37°C and 27 to 28°C respectively. The minimum and maximum temperatures were near normal. Partly cloudy sky conditions with predominant surface wind from the east/southeast direction with wind speeds up to 18 kmph prevailed during the past 24 hours. Partly cloudy sky conditions with wind speed less than 05 kmph from the variable direction prevailed over the region in the forenoon today.

Weather Forecast:

04.07.2025: Partly cloudy sky. Very light to light rain accompanied with thunderstorm/lightning. The maximum temperatures over Delhi are likely to be in the range of 36 to 38°C. The maximum temperature will be near normal. The predominant surface wind will likely be from the southeast direction with a wind speed of less than 10 kmph in the afternoon. The wind speed will gradually increase becoming 10-15 kmph from the southeast direction during evening and night.

05.07.2025: Partly cloudy sky. Light to moderate rain accompanied with thunderstorm/lightning. The maximum and minimum temperatures over Delhi are likely to be in the range of 35 to 37°C and 26 to 28°C respectively. The minimum temperature will be near normal and the maximum temperature will be near normal. The predominant surface wind will likely be from the southwest direction with a wind speed of less than 10 kmph during the morning hours. The wind speed will gradually increase becoming 10-15 kmph from the southwest direction in the afternoon. It will decrease becoming less than 12 kmph from the southwest direction during evening and night.

06.07.2025: Generally cloudy sky. Light to moderate rain accompanied with thunderstorm/lightning. The maximum and minimum temperatures over Delhi are likely to be in the range of 33 to 35°C and 26 to 28°C respectively. The minimum temperature will be near normal and the maximum temperature will be below normal up to 1 to 2°C. The predominant surface wind will likely be from the northwest direction with a wind speed of less than 15 kmph during the morning hours. The wind speed will gradually decrease becoming less than 10 kmph from the south direction in the afternoon. It will increase to less than 15 kmph from the south direction during the evening and night.

07.07.2025: Generally cloudy sky. Light to moderate rain accompanied with thunderstorm/lightning. The maximum and minimum temperatures over Delhi are likely to be in the range of 32 to 34°C and 24 to 26°C respectively. The minimum temperature will be below normal up to 1 to 2°C and the maximum temperature will be below normal up to 3 to 5°C. The predominant surface wind will likely be from the northwest direction with a wind speed of less than 15 kmph during the morning hours. The wind speed will gradually decrease becoming less than 10 kmph from the west direction in the afternoon. It will increase to less than 12 kmph from the southwest direction during the evening and night.

Impact expected and Action Suggested due to thunderstorm with lightning:

- Be cautious and take precautionary measures, though there is the likelihood of thunderstorm/lightning.
- Damage to standing crops, Minor to major damage to power and communication lines due to breaking of branches, Partial damage to vulnerable structures due to strong winds, Loose objects may fly.
- People are advised to keep a watch on the weather for worsening conditions and be ready to move to safer places accordingly, stay indoors, close windows & doors and avoid travel if possible, take safe shelters; do not take shelter under trees, do not lie on concrete floors and do not lean against concrete walls, unplug electrical/ electronic appliances, immediately get out of water bodies, keep away from all the objects that conduct electricity.

Impact & Action Suggested

- ✓ **Extremely heavy rainfall (≥ 21 cm)** very likely at isolated places over East Madhya Pradesh on 04th; Ghat areas of Madhya Maharashtra on 06th & 07th and Himachal Pradesh on 06th July.
- ✓ **Heavy to very heavy rainfall** over Jammu, Jharkhand, West Uttar Pradesh on 06th; Himachal Pradesh, Uttarakhand during 05th-08th; Punjab, Haryana on 06th & 07th; East Rajasthan during 04th-06th and 09th & 10th; Madhya Pradesh during 04th, 05th and during 08th-10th; Chhattisgarh, Konkan & Goa, Madhya Maharashtra, Gujarat Region during 04th-08th; Vidarbha during 06th-08th; Gangetic West Bengal on 05th & 06th; Coastal Karnataka during 04th-06th; South Interior Karnataka, Saurashtra & Kutch, Arunachal Pradesh on 04th and Meghalaya on 04th & 06th July.

Impact Expected

- Localized Flooding of roads, water logging in low lying areas and closure of underpasses mainly in urban areas of the above region.
- 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 / Heavy to Very Heavy / Extremely Heavy Rainfall

- In **Coastal Karnataka**, postpone sowing of rice nursery and transplanting of rice in low land areas. Ensure proper drainage in already sown rice nurseries and remove excess rainwater to prevent water stagnation. Provide drainage to remove the excess water from the maize fields, arecanut, coconut and banana. Provide staking to avoid lodging of Banana plant. In **South Interior Karnataka**, postpone nursery preparation and cover the young seedling with plastic sheets or agro-shade nets. Provide propping/support to banana and tomato to prevent their lodging. Ensure proper drainage in vegetables to avoid waterlogging.
- In **Konkan**, postpone sowing of finger millet nurseries in Palghar district. Make arrangements to drain out excess water from rice nurseries, fields of finger millet, groundnut and orchards to prevent waterlogging. In **ghat areas of Madhya Maharashtra**, drain out excess water from rice and finger millet nurseries, vegetables and orchards to prevent waterlogging.
- In **Gujarat**, make necessary arrangements to drain out excess water in rice nurseries, sugarcane fields, banana and mango plantations to prevent waterlogging. Provide support to sugarcane and banana to prevent lodging. In **Saurashtra & Kutch**, drain out excess rain water from vegetable nurseries and horticultural plantations. Undertake propping in sugarcane with strong bamboo or tie the leaves together in a clump to protect against wind and heavy rain.
- In **West Madhya Pradesh**, make necessary arrangements to drain out excess water from vegetables and orchards to avoid waterlogging. In **East Madhya Pradesh**, keep the harvested produce of maize, green gram and black gram in safe places. Ensure proper drainage in already sown/transplanted fields.
- In **Arunachal Pradesh**, ensure proper drainage in rice, soyabean, vegetable fields and orchards (kiwi, apple). Provide strong support to banana plants using bamboo or wooden stakes to prevent lodging or stem breakage.
- In **Assam**, keep the harvested produce of sesame, foxtail millet, *Boro* rice, banana and citrus at safer places. Ensure proper drainage in *Sali* rice nursery, maize and sugarcane fields, arecanut and coconut plantations to prevent waterlogging.
- In **Meghalaya**, postpone nursery sowing of rice especially in valleys. Ensure proper drainage in the fields of maize, ginger, French bean, cowpea, vegetables and around rice nurseries to prevent waterlogging. Provide strong bamboo stakes or trellis support to cow pea, cucumber and bottle gourd to prevent vines from trailing on wet ground. Provide support to banana plant to prevent lodging.
- In **Chhattisgarh**, ensure proper drainage in rice nurseries, fields of maize, minor millets and vegetables.
- In **East Rajasthan**, harvest the matured vegetables such as okra and cucurbits and store them in safe places. Make arrangements for draining out excess water from the fields of groundnut and green gram.
- In **Himachal Pradesh**, provide drainage in the fields of vegetables and fruit orchards. Strengthen the support for creepers and tall vegetable crops (tomato, capsicum etc.). Harvest matured fruits of plum, pear, stone fruit and keep in safe places to minimize losses due to heavy rains. Drain out excess water from rice nurseries and maize fields.

- In **Uttarakhand**, ensure proper drainage facilities in pigeon pea, groundnut, maize, sugarcane, barnyard millet, finger millet, rice nurseries, kidney beans, black gram, green gram, vegetable and orchards. Harvest matured vegetables (pumpkin, tomato, okra, chilli, French bean etc.) and fruits and store in safe place. Tie the sugarcane plants together to avoid lodging.
- In **Jharkhand**, make necessary arrangements to drain out excess water from already sown maize fields, rice and vegetable nurseries. Cover the vegetable nurseries with polythene sheets.
- In **Odisha**, ensure proper drainage from already sown rice nurseries, fields of maize and vegetables to prevent waterlogging.

Livestock / Fishery

- Keep the animals inside the shed during heavy rainfall and provide them balanced feed.
- Store feed and fodder in a safe place to prevent spoilage.
- Construct an outlet with proper netting around the ponds to drain out excess water, thereby preventing fish from escaping in case of overflow.

Agromet advisories for likely impact of Thunderstorm / Gusty Winds / Squally 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.

Flash flood guidance:

24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 05-07-2025 :

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

Assam & Meghalaya – Karimganj, Cachar, NC Hills, Karbi Analog, Jaintia Hills, RI Bhoi, East Garo Hills, East Khasi Hills, West Khasi Hills and Kamrup Rural districts

Nagaland Mizoram Manipur Tripura (NMMT) –

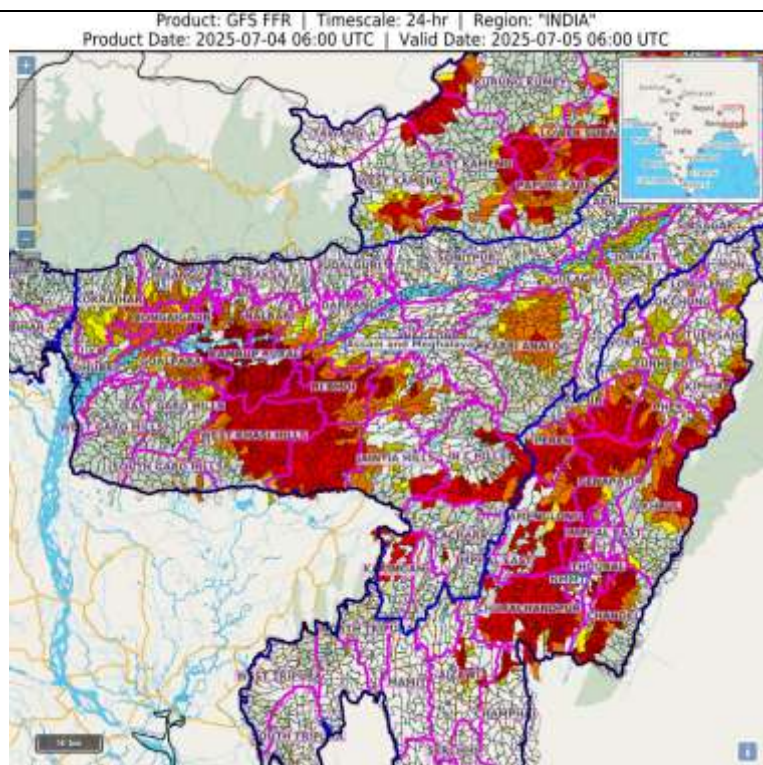
Manipur- Bishnupur, Chandel, Churachandpur, Imphal East, Imphal West, Senapati, Tamenglong, Thoubal, Ukhrul,

Mizoram- Aizawl, Champhai, Saiha, Kolasib,

Nagaland- Dimapur, Kiphire, Kohima, Longleng, Mokokchung, Mon, Peren, Phek,

Tuensang and Wokha 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 05-07-2025 :

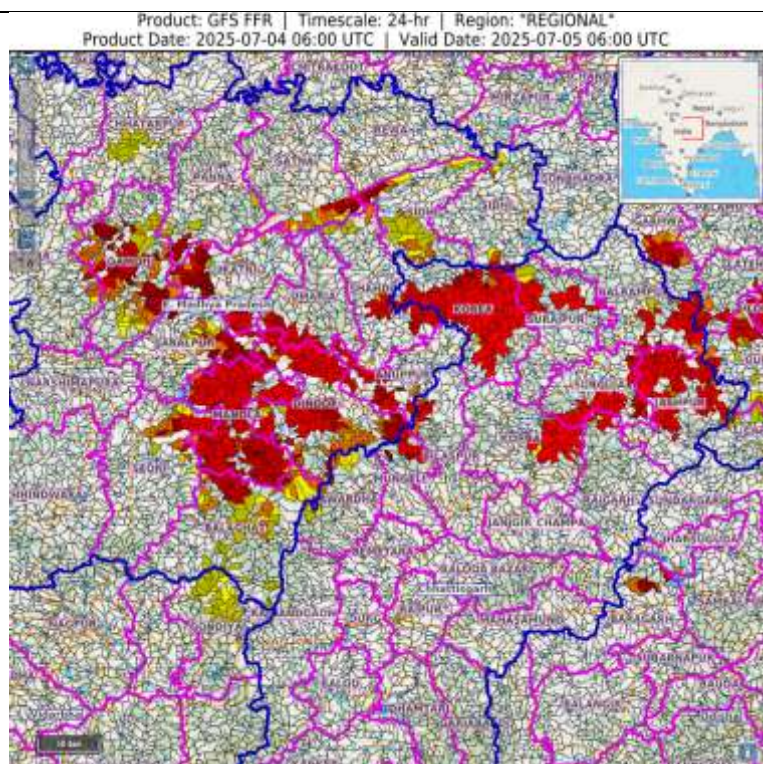
Low to Moderate flash flood risk likely over few watersheds & neighbourhoods of following Met Sub-divisions during next 24 hours.

East Madhya Pradesh – Damoh, Panna, Jabalpur, Mandla, Dindori, Umeria, Balaghat, Shahdol, Anupur and Sidhi districts.

Chhattisgarh – Korea, Surajpur, Bilaspur,

Surguja, Korba, Surguja and Jashpur 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, 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 Rain



Very Heavy Rain



Extremely Heavy Rain



Thunder & Lightning



Hailstorm



Dust Raising Winds



Heavy Snow



Dust Storm



Heat Wave



Warm Night



Hot Day



Hot & Humid



Strong Surface Winds



Cold Wave



Cold Day



Ground Frost

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

* 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

(Service to the Nation since 1875)

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 62-67 kmph

Very Severe: Wind speed > 67 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 118-165 kmph (64 - 89 knots)

Extremely Severe Cyclonic Storm: Wind speed 166-220 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

(Service to the Nation since 1875)

Hot and Humid: When maximum temperatures remain 3°C above normal along with the above normal relative humidity.