

2025-07-04

Time of Issue: 13:30:00 hours IST  
(Mid-Day)

## ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN

### Significant Weather Features

#### Weather Forecast & Warnings

##### East & Central India:

**Extremely heavy rainfall( $\geq 21$  cm)**very likely at isolated places over East Madhya Pradesh on 04<sup>th</sup> July.

Isolated **heavy rainfall** over Madhya Pradesh, Vidarbha, Chhattisgarh during 04<sup>th</sup>-10<sup>th</sup> July; Jharkhand, Gangetic West Bengal, Odisha during 04<sup>th</sup>-07<sup>th</sup>; Sub-Himalayan West Bengal & Sikkim on 04<sup>th</sup> and during 07<sup>th</sup>-09<sup>th</sup>; Andaman & Nicobar Islands on 06<sup>th</sup> July with **very heavy rainfall** over Madhya Pradesh during 04<sup>th</sup>, 05<sup>th</sup> and during 08<sup>th</sup>-10<sup>th</sup>; Chhattisgarh during 04<sup>th</sup>-08<sup>th</sup>; Vidarbha during 06<sup>th</sup>-08<sup>th</sup>; Gangetic West Bengal on 05<sup>th</sup> & 06<sup>th</sup>; Jharkhand on 06<sup>th</sup> 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( $\geq 21$  cm)**very likely at isolated places over Himachal Pradesh on 06<sup>th</sup> July.

Isolated **heavy rainfall** likely over Himachal Pradesh, Uttarakhand, East Rajasthan, West Uttar Pradesh during 04<sup>th</sup>-10<sup>th</sup> July; East Uttar Pradesh, West Rajasthan on 04<sup>th</sup>, 05<sup>th</sup> and during 08<sup>th</sup>-10<sup>th</sup>; Haryana, Chandigarh, Punjab, Jammu & Kashmir during 05<sup>th</sup>-09<sup>th</sup> July with **very heavy rainfall over Jammu on 06<sup>th</sup>; Himachal Pradesh, Uttarakhand during 05<sup>th</sup>-08<sup>th</sup>; Punjab, Haryana on 06<sup>th</sup> & 07<sup>th</sup>; West Uttar Pradesh on 06<sup>th</sup>; East Rajasthan during 04<sup>th</sup>-06<sup>th</sup> and 09<sup>th</sup> & 10<sup>th</sup> 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( $\geq 21$  cm)**very likely at isolated places over Ghat areas of Madhya Maharashtra on 06<sup>th</sup> & 07<sup>th</sup> 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 04<sup>th</sup>-08<sup>th</sup>; Marathwada on 06<sup>th</sup> & 07<sup>th</sup> 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.

##### 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 04<sup>th</sup> and Meghalaya on 04<sup>th</sup> & 06<sup>th</sup> July.

##### South Peninsular India:

Isolated **heavy rainfall** likely over Tamil Nadu on 04<sup>th</sup> & 05<sup>th</sup>; Kerala & Mahe on 04<sup>th</sup>, 5<sup>th</sup>, 09<sup>th</sup> & 10<sup>th</sup>; Interior Karnataka during 04<sup>th</sup>-06<sup>th</sup> July, Coastal Karnataka during 04<sup>th</sup>-10<sup>th</sup> July with **very heavy rainfall** over Coastal Karnataka during

**\*Red color warning does not mean "Red Alert" Red color 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)

04<sup>th</sup>-06<sup>th</sup> and South Interior Karnataka on 04<sup>th</sup> 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 04<sup>th</sup> July to 09<sup>th</sup> 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 (04<sup>th</sup> to 09<sup>th</sup> July); southern & some parts of northwest Arabian Sea for day 1 (04<sup>th</sup> July).

##### **Bay of Bengal:**

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

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

.

### Main Weather Observations:

❖ **Rainfall distribution** (from 0830 hours IST of yesterday to 0830 hours IST of today): **at most places** over Arunachal Pradesh, Gangetic West Bengal, Odisha, Uttarakhand, East Madhya Pradesh, Gujarat Region, Saurashtra & Kutch, Konkan & Goa, Vidarbha, Chhattisgarh, Coastal Karnataka and Kerala & Mahe; **at many places** over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Sub Himalayan West Bengal & Sikkim, Jharkhand, Himachal Pradesh, West Rajasthan, East Rajasthan, West Madhya Pradesh, Madhya Maharashtra, Coastal Andhra Pradesh & Yanam, South Interior Karnataka and Lakshadweep; **at a few places** over Andaman & Nicobar Islands, Bihar, East Uttar Pradesh, West Uttar Pradesh, Marathwada, Telangana and North Interior Karnataka; **at isolated places** over Haryana-Chandigarh-Delhi, Punjab, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Rayalaseema and Tamil Nadu, Puducherry & Karaikal;

❖ **Significant rainfall recorded(in cm)** (from 0830 hours IST of yesterday to 0830 hours IST of today): **East Madhya Pradesh:** Matiyari (dist Mandla) 19; Bichhia (dist Mandla) 18; Ghansore (dist Seoni), Tikamgarh-aws (dist Tikamgarh) 15 Each; Bijadandi (dist Mandla) 14; Nainpur (dist Mandla), Narayanganj (dist Mandla) 13 Each; Keolari (dist Seoni) 11; Amanganj (dist Panna) 10; Mandla (dist Mandla), Mohgaon (dist Mandla), Mawai (dist Mandla) 9 Each; Lakhnadon (dist Seoni), Dhanora (dist Seoni), Amarapur (dist Dindori), Mehadwani (dist Dindori), Chandia (dist Umaria) 8 Each; **Chhattisgarh:** Kartala (dist Korba), Kharsiya (dist Raigarh) 15 Each; Korba (dist Korba), Bhaisma (dist Korba) 13 Each; **Biharpur** (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; **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; **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; **West Rajasthan:** Pokhran (dist Jaisalmer) 13; Jalore (dist Jalore) 10; Siwana SR (dist Barmer) 8; **Gujarat Region:** Idar (dist Sabarkantha) 12; **Madhya Maharashtra:** Gaganbawada (dist Kolhapur), Igatpuri (dist Nashik) 11 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; **Assam & Meghalaya:** Mawsynram (dist East Khasi Hills) 11; **Odisha:** Th Rampur (dist Kalahandi) 10; **South Interior Karnataka:** Agumbe Emo (dist Shivamogga) 9; Hunchadakatte (dist Shivamogga) 8; **West Madhya Pradesh:** Gyaraspur (dist Vidisha) 8; **Uttarakhand:** Jakholi (dist Rudrapur) 8.

❖ **Heavy Rainfall observed** (from 0830 hours IST of yesterday to 0830 hours IST of today): **Heavy to very heavy rain** at isolated places over West Rajasthan, East Madhya Pradesh, Gujarat Region, Saurashtra & Kutch, Konkan & Goa and Chhattisgarh. **Heavy rain** at isolated places over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Sub Himalayan West Bengal & Sikkim, Odisha, Uttarakhand, Himachal Pradesh, West Madhya Pradesh, Madhya Maharashtra and South Interior Karnataka.

❖ **Minimum Temperature Departures (as on 04-07-2025):** **markedly above normal(> 5.1°C)** at many places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad; at most places over Himachal Pradesh; at isolated places over Assam & Meghalaya, Bihar, East Uttar Pradesh, West Uttar Pradesh and West Madhya Pradesh. **appreciably above normal(3.1°C to 5.0°C)** at few places over East Madhya Pradesh; at isolated places over Andaman & Nicobar Islands, Sub Himalayan West Bengal & Sikkim, Odisha, West Rajasthan, Gujarat Region and Saurashtra & Kutch. **above normal(1.6°C to 3.0°C)** at most places over Punjab; at few places over Gangetic West Bengal, Haryana-Chandigarh-Delhi and Lakshadweep; at isolated places over Jharkhand, Uttarakhand, Madhya Maharashtra and Tamil Nadu, Puducherry & Karaikal. **near normal(-1.5°C to 1.5°C)** at many places over Kerala & Mahe; at most places over Nagaland, Manipur, Mizoram & Tripura, East Rajasthan, Konkan & Goa, Marathwada, Vidarbha, Chhattisgarh, Coastal Andhra Pradesh & Yanam, Telangana, Rayalaseema, Coastal Karnataka, North Interior Karnataka and South Interior Karnataka; at few places over Arunachal Pradesh. **The lowest minimum temperature** of 17.8°C is reported at KHARGONE-OBS (MADHYA PRADESH) over the Plains of India.

❖ **Maximum Temperature Departures (as on 03-07-2025):** **markedly above normal(> 5.1°C)** at few places over Himachal Pradesh; at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Tamil Nadu, Puducherry & Karaikal. **appreciably above normal(3.1°C to 5.0°C)** at isolated places over Odisha. **above normal(1.6°C to 3.0°C)** at most places over Arunachal Pradesh; at few places over Assam & Meghalaya and Lakshadweep; at isolated places over Andaman & Nicobar Islands, Sub Himalayan West Bengal & Sikkim, Gangetic

\*Red color warning does not mean "Red Alert" Red color 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)



West Bengal, Bihar, East Uttar Pradesh, Uttarakhand and Kerala & Mahe. **near normal(-1.5°C to 1.5°C)** at many places over Nagaland, Manipur, Mizoram & Tripura, Punjab, Konkan & Goa and South Interior Karnataka; at most places over Jharkhand, Haryana-Chandigarh-Delhi and Rayalaseema; at few places over West Uttar Pradesh, West Rajasthan, Saurashtra & Kutch, Madhya Maharashtra, Marathwada, Vidarbha, Coastal Andhra Pradesh & Yanam, Telangana and North Interior Karnataka. **The highest maximum temperature** of 40.3°C is reported at SRIGANGANAGAR (RAJASTHAN).

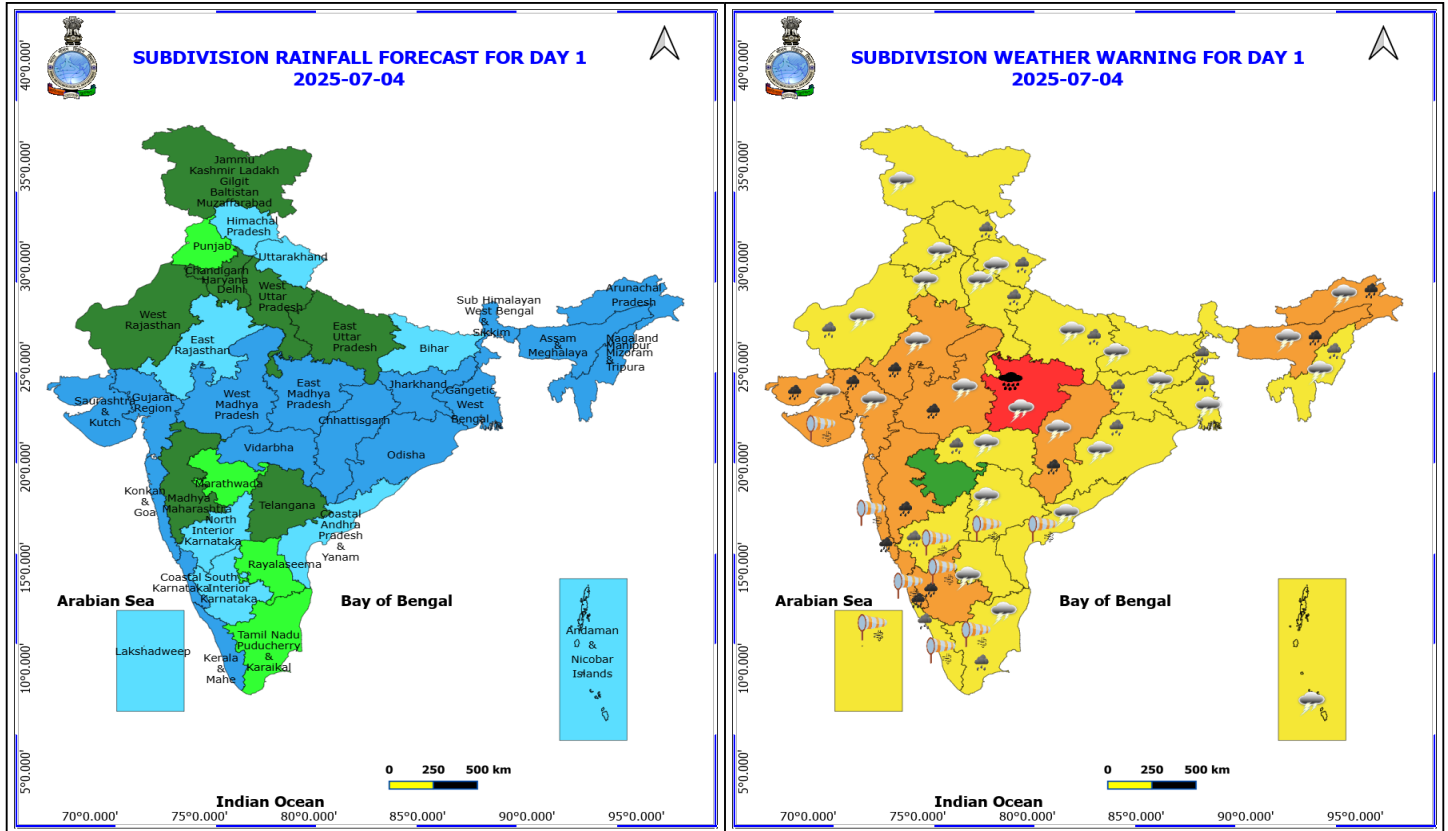
#### Meteorological Analysis (Based on 0830 hours IST)

- The monsoon trough at mean sea level now passes through Bikaner, Jaipur, Datia, Sidhi, Asansol, Kolkata and thence east southeastwards to northeast Bay of Bengal.
- The cyclonic circulation over Northeast Madhya Pradesh & neighbourhood extending upto 1.5 km above mean sea level persists.
- The upper air cyclonic circulation over northern parts of Gangetic West Bengal & neighborhood persists and now extends upto 5.8 km above mean sea level tilting southwards with height.
- The trough from northeast Arabian Sea to northwest Bay of Bengal now runs from north Gujarat to the above cyclonic circulation over northern parts of Gangetic West Bengal & neighborhood across Madhya Pradesh, Chhattisgarh, Jharkhand at 3.1 km above mean sea level.
- The upper air cyclonic circulation over central Assam extending upto 1.5 km above mean sea level persists.
- The off-shore trough at sea level along Maharashtra-Karnataka coasts persists.
- The cyclonic circulation over northwest Rajasthan & neighbourhood at 0.9 km above mean sea level has become less marked.

#### Weather Outlook for subsequent 3 days

- Fairly widespread to widespread rainfall very likely over Central India, along west Coast, Islands, East India & Northwest India.
- scattered rainfall very likely over rest parts of the country.





#### 4 July (Day 1)

- ❖ **Heavy to Very Heavy Rainfall with isolated Extremely Heavy Rainfall** very likely at isolated places over East Madhya Pradesh.
- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Coastal Karnataka, East Rajasthan, Gujarat State, Konkan & Goa, Madhya Maharashtra, South Interior Karnataka and West Madhya Pradesh.
- ❖ **Heavy Rainfall** very likely at isolated places over Himachal Pradesh, Jharkhand, Kerala & Mahe, Nagaland, Manipur, Mizoram and Tripura, North Interior Karnataka, Odisha, Tamil Nadu Puducherry & Karaikal, Uttar Pradesh, Uttarakhand, Vidarbha, West Bengal & Sikkim and West Rajasthan.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Andaman & Nicobar Islands, Bihar, Gangetic West Bengal, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, Odisha, Rajasthan and West Madhya Pradesh.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Andhra Pradesh, Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, East Madhya Pradesh, Gujarat State, Haryana, Chandigarh & Delhi, Nagaland, Manipur, Mizoram and Tripura, Punjab, Tamil Nadu Puducherry & Karaikal, Telangana, Uttar Pradesh, Uttarakhand and Vidarbha.
- ❖ **Strong Surface Winds** very likely at isolated places over Coastal Andhra Pradesh, Karnataka, Kerala & Mahe, Konkan & Goa, Lakshadweep, Saurashtra & Kutch, Tamil Nadu Puducherry & Karaikal and Telangana.

Squally wind speed reaching 45 kmph to 55 kmph gusting to 65 kmph is likely to prevail along and off Somalia, Oman & adjoining Yemen coasts, most parts of westcentral Arabian Sea & adjoining, many parts of eastcentral Arabian Sea, northern parts of southwest Arabian Sea, southern parts of northwest Arabian Sea, over Gulf of Mannar.

**\*Red color warning does not mean "Red Alert" Red color warning means "Take Action"**

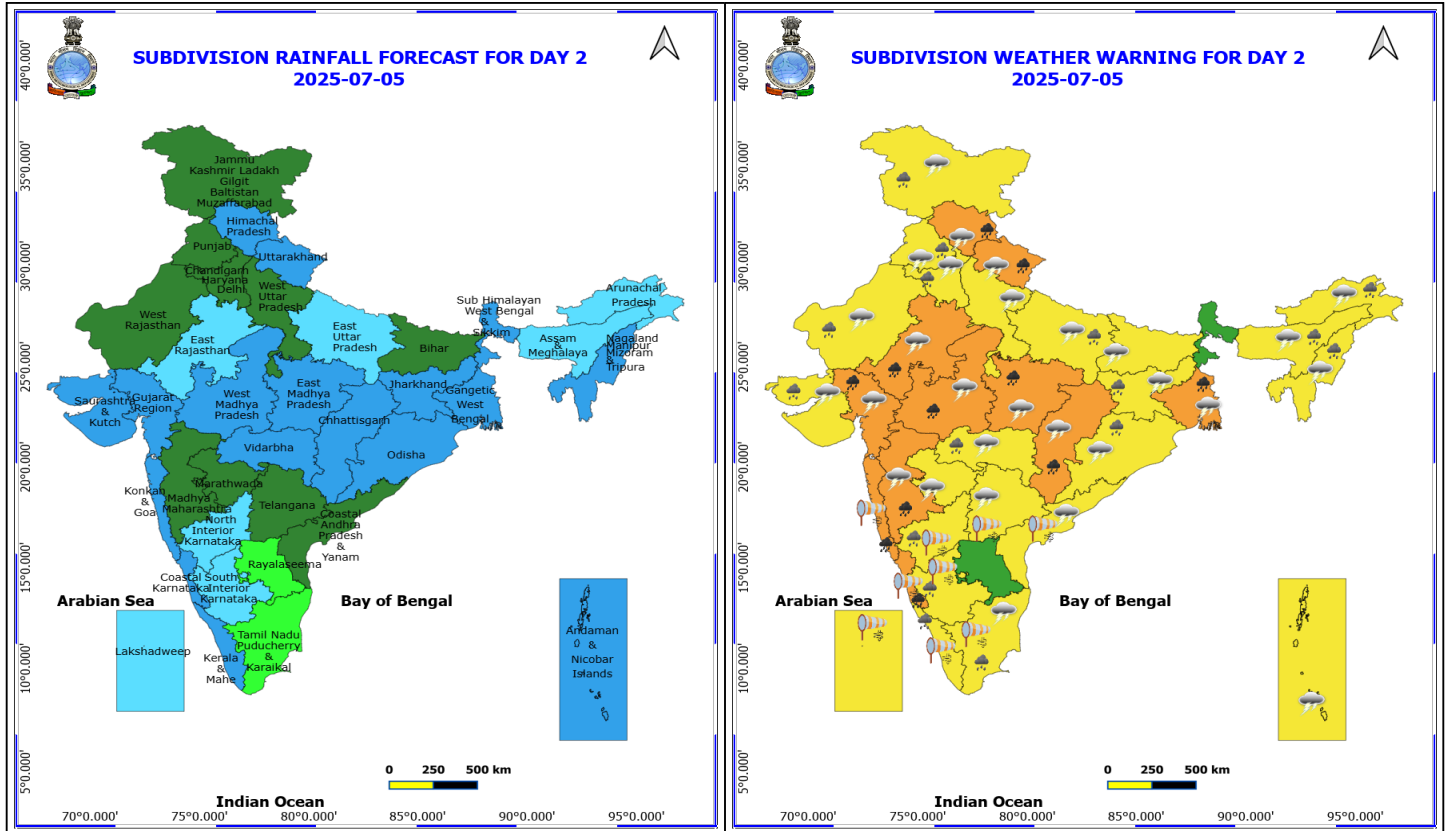
**Forecast and warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day**

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

**(Service to the nation since 1875)**



Squally weather with wind speed 40 - 50 kmph gusting to 60 kmph likely to prevail along and off south Gujarat and adjoining north Gujarat coasts, Konkan, Goa coasts, adjoining sea areas, over many parts of northeast Arabian Sea, over many parts of central Bay of Bengal & adjoining parts of north Bay of Bengal, along and off north Andhra Pradesh coast.



## 5 July (Day 2)

- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Chhattisgarh, Coastal Karnataka, East Rajasthan, Gangetic West Bengal, Gujarat Region, Himachal Pradesh, Konkan & Goa, Madhya Maharashtra, Madhya Pradesh and Uttarakhand.
- ❖ **Heavy Rainfall** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, East Uttar Pradesh, Haryana, Chandigarh & Delhi, Interior Karnataka, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, Kerala & Mahe, Nagaland, Manipur, Mizoram and Tripura, Odisha, Punjab, Saurashtra & Kutch, Tamil Nadu Puducherry & Karaikal, Vidarbha and West Rajasthan.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Andaman & Nicobar Islands, Bihar, Gangetic West Bengal, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, Odisha, Rajasthan and West Madhya Pradesh.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Coastal Andhra Pradesh, East Madhya Pradesh, Gujarat State, Haryana, Chandigarh & Delhi, Himachal Pradesh, Maharashtra, Nagaland, Manipur, Mizoram and Tripura, Punjab, Tamil Nadu Puducherry & Karaikal, Telangana, Uttar Pradesh and Uttarakhand.
- ❖ **Strong Surface Winds** very likely at isolated places over Coastal Andhra Pradesh, Karnataka, Kerala & Mahe, Konkan & Goa, Lakshadweep, Tamil Nadu Puducherry & Karaikal and Telangana.

Squally wind speed reaching 45 kmph to 55 kmph gusting to 65 kmph is likely to prevail along and off Somalia, Oman & adjoining Yemen coasts, most parts of westcentral Arabian Sea & adjoining, many parts of eastcentral Arabian Sea, northern parts of southwest Arabian Sea.

Squally weather with wind speed 40 - 50 kmph gusting to 60 kmph likely to prevail along and off Gujarat Konkan,

**\*Red color warning does not mean "Red Alert" Red color 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

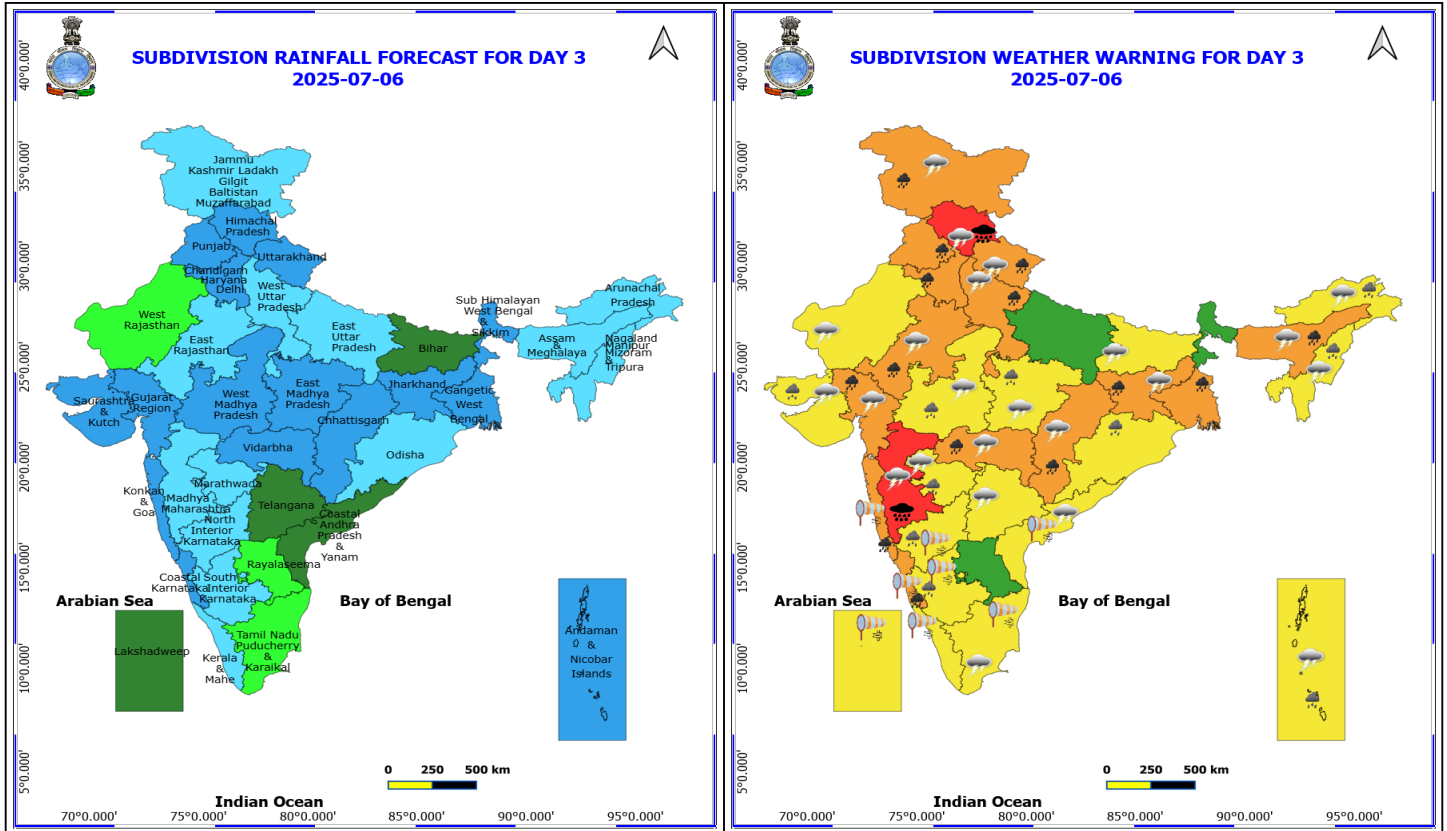
For more details kindly visit <https://mausam.imd.gov.in> or contact 011-2434-4599

(Service to the nation since 1875)





Goa coasts, adjoining sea areas, over many parts of northeast Arabian Sea, over many parts of westcentral Bay of Bengal & adjoining few parts of southwest & eastcentral Bay of Bengal, along and off north Andhra Pradesh coast.



## 6 July (Day 3)

- ❖ **Heavy to Very Heavy Rainfall with isolated Extremely Heavy Rainfall** very likely at isolated places over Himachal Pradesh and Madhya Maharashtra.
- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Assam & Meghalaya, Chhattisgarh, Coastal Karnataka, East Rajasthan, Gangetic West Bengal, Gujarat Region, Haryana, Chandigarh & Delhi, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, Konkan & Goa, Punjab, Uttarakhand, Vidarbha and West Uttar Pradesh.
- ❖ **Heavy Rainfall** very likely at isolated places over Andaman & Nicobar Islands, Arunachal Pradesh, Interior Karnataka, Madhya Pradesh, Marathwada, Nagaland, Manipur, Mizoram and Tripura, Odisha and Saurashtra & Kutch.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Andaman & Nicobar Islands, Bihar, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, Rajasthan and Vidarbha.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Coastal Andhra Pradesh, Gujarat State, Himachal Pradesh, Madhya Maharashtra, Madhya Pradesh, Marathwada, Nagaland, Manipur, Mizoram and Tripura, Tamil Nadu Puducherry & Karaikal, Telangana, Uttarakhand and West Uttar Pradesh.
- ❖ **Strong Surface Winds** very likely at isolated places over Coastal Andhra Pradesh, Karnataka, Kerala & Mahe, Konkan & Goa, Lakshadweep and Tamil Nadu Puducherry & Karaikal.

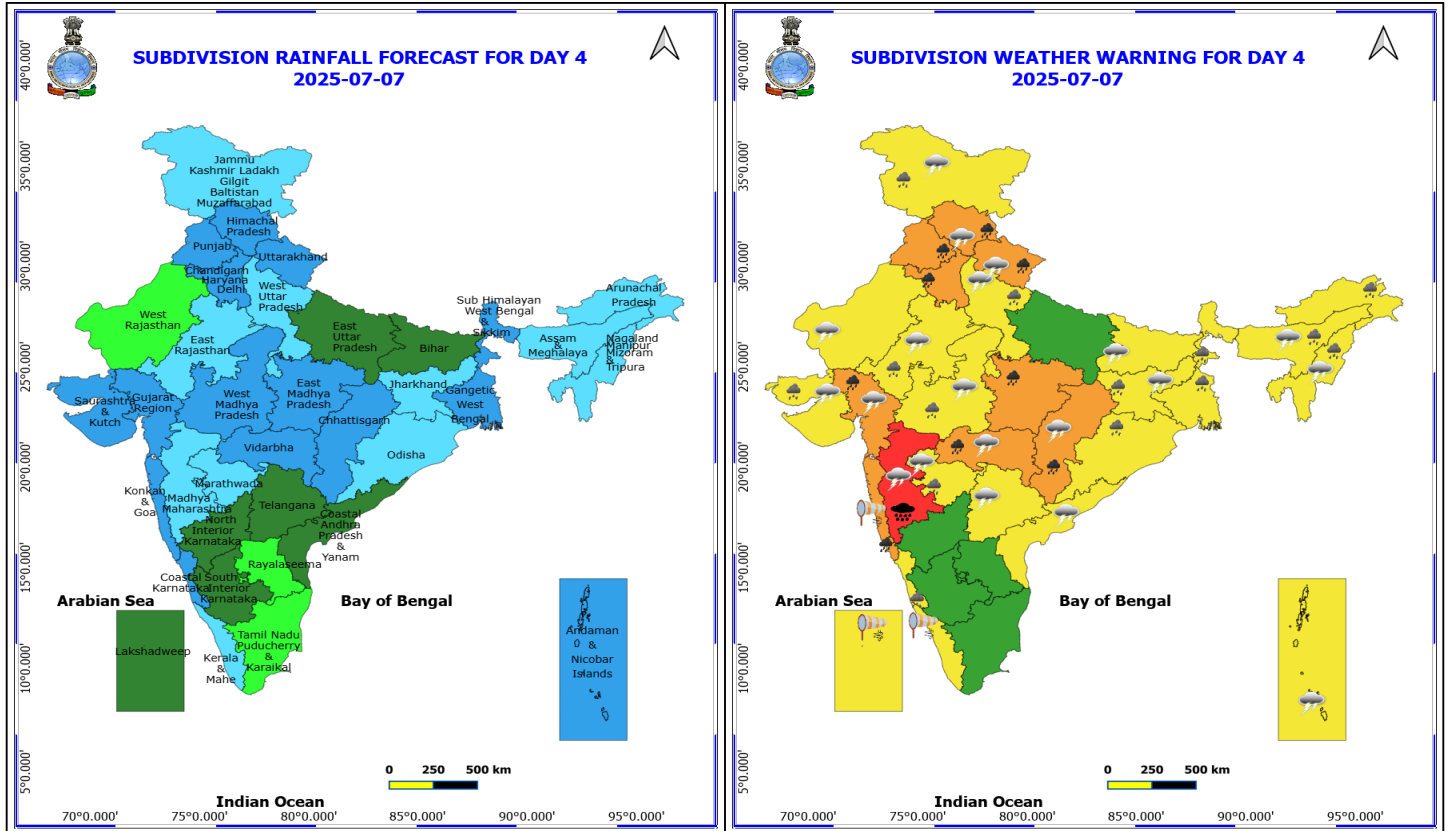
**No Fishermen Warning**

**\*Red color warning does not mean "Red Alert" Red color 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)**



## 7 July (Day 4)

- ❖ **Heavy to Very Heavy Rainfall with isolated Extremely Heavy Rainfall** likely at isolated places over Madhya Maharashtra.
- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Chhattisgarh, East Madhya Pradesh, Gujarat Region, Haryana, Chandigarh & Delhi, Himachal Pradesh, Konkan & Goa, Punjab, Uttarakhand and Vidarbha.
- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Coastal Karnataka, East Rajasthan, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, Marathwada, Nagaland, Manipur, Mizoram and Tripura, Odisha, Saurashtra & Kutch, West Bengal & Sikkim, West Madhya Pradesh and West Uttar Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Andaman & Nicobar Islands, Bihar, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, Rajasthan and Vidarbha.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Assam & Meghalaya, Chhattisgarh, Coastal Andhra Pradesh, Gujarat State, Himachal Pradesh, Madhya Maharashtra, Marathwada, Nagaland, Manipur, Mizoram and Tripura, Telangana, Uttarakhand, West Madhya Pradesh and West Uttar Pradesh.
- ❖ **Strong Surface Winds** likely at isolated places over Kerala & Mahe, Konkan & Goa and Lakshadweep.

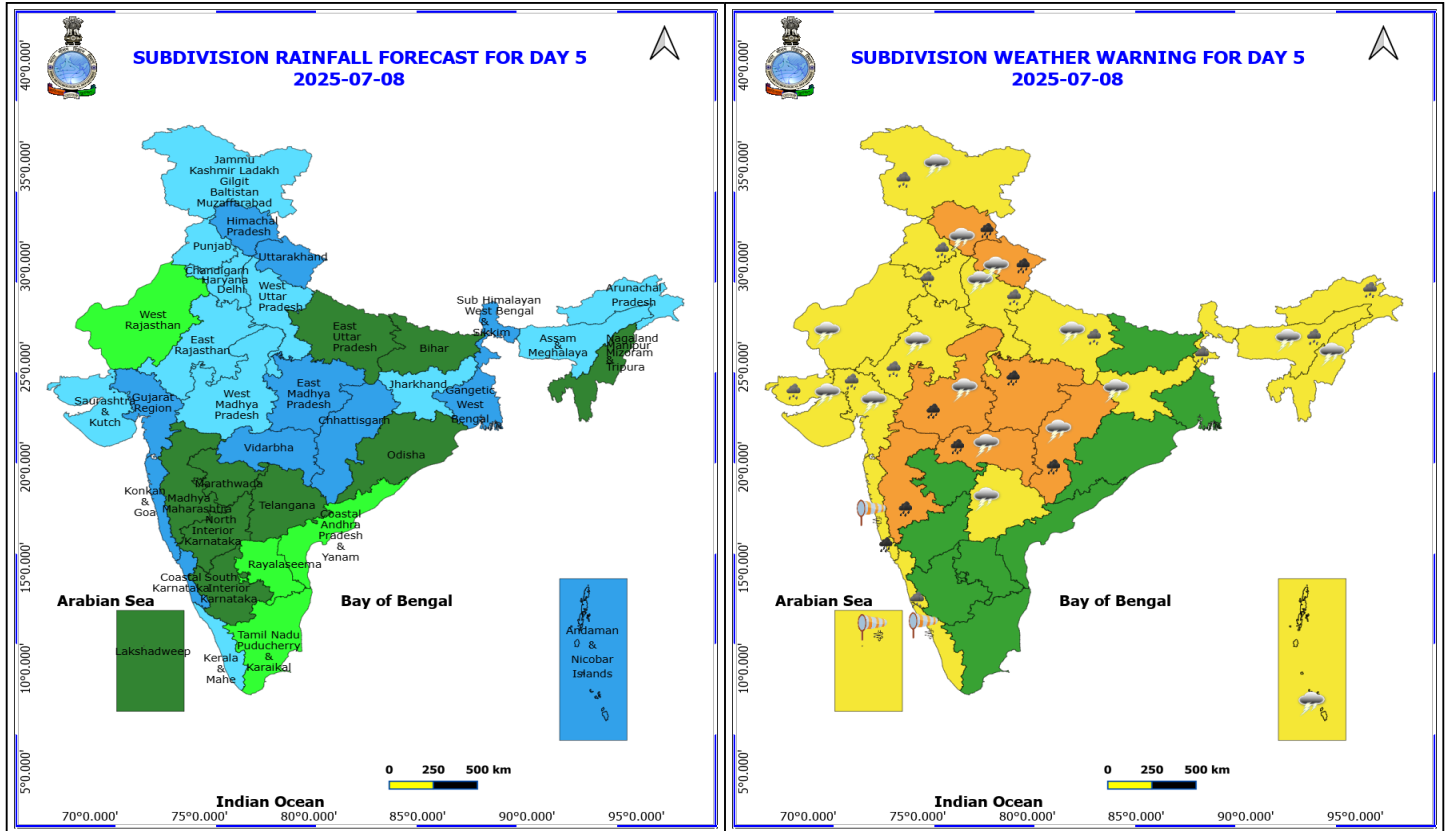
**No Fishermen Warning**

**\*Red color warning does not mean "Red Alert" Red color 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)**



## 8 July (Day 5)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Chhattisgarh, Himachal Pradesh, Konkan & Goa, Madhya Maharashtra, Madhya Pradesh, Uttarakhand and Vidarbha.
- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Coastal Karnataka, East Rajasthan, Gujarat State, Haryana, Chandigarh & Delhi, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Punjab, Sub Himalayan West Bengal & Sikkim and Uttar Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Andaman & Nicobar Islands, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, Rajasthan and Vidarbha.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Assam & Meghalaya, Chhattisgarh, Gujarat State, Himachal Pradesh, Nagaland, Manipur, Mizoram and Tripura, Telangana, Uttar Pradesh, Uttarakhand and West Madhya Pradesh.
- ❖ **Strong Surface Winds** likely at isolated places over Kerala & Mahe, Konkan & Goa and Lakshadweep.

Squally wind speed reaching 45 kmph to 55 kmph gusting to 65 kmph is likely to prevail along and off Somalia, Oman & adjoining Yemen coasts, most parts of westcentral Arabian Sea & adjoining, many parts of eastcentral Arabian Sea, northern parts of southwest Arabian Sea.

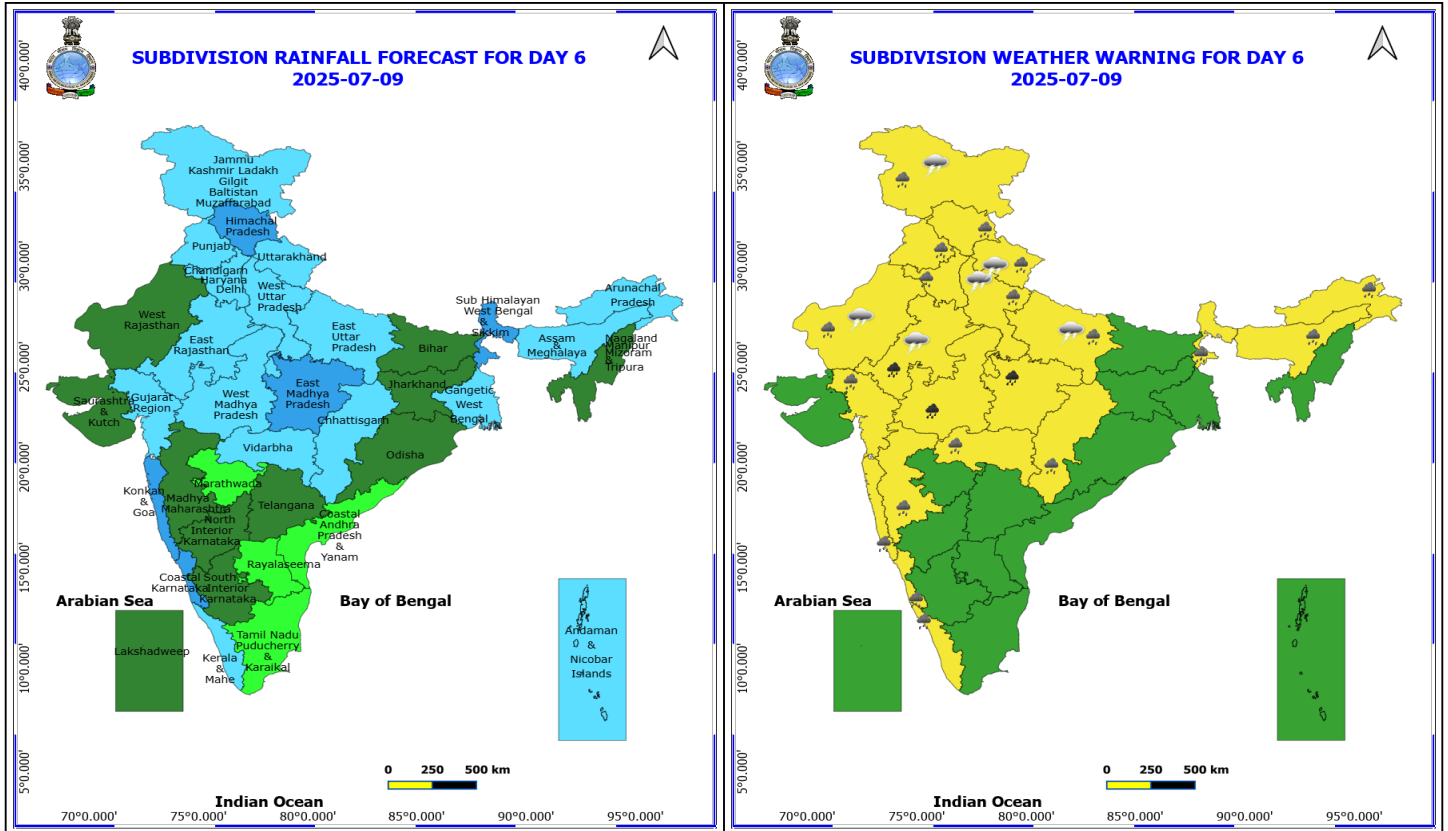
Squally weather with wind speed 40 - 50 kmph gusting to 60 kmph likely to prevail along and off Gujarat, Konkan, Goa, Karnataka coasts, adjoining sea areas, over many parts of northeast Arabian Sea, over some parts of westcentral Bay of Bengal.

**\*Red color warning does not mean "Red Alert" Red color 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)



## 9 July (Day 6)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over East Rajasthan and Madhya Pradesh.
- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Coastal Karnataka, Gujarat Region, Haryana, Chandigarh & Delhi, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Kerala & Mahe, Konkan & Goa, Madhya Maharashtra, Punjab, Sub Himalayan West Bengal & Sikkim, Uttar Pradesh, Uttarakhand, Vidarbha and West Rajasthan.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Rajasthan.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Uttar Pradesh and Uttarakhand.

**No Fishermen Warning**

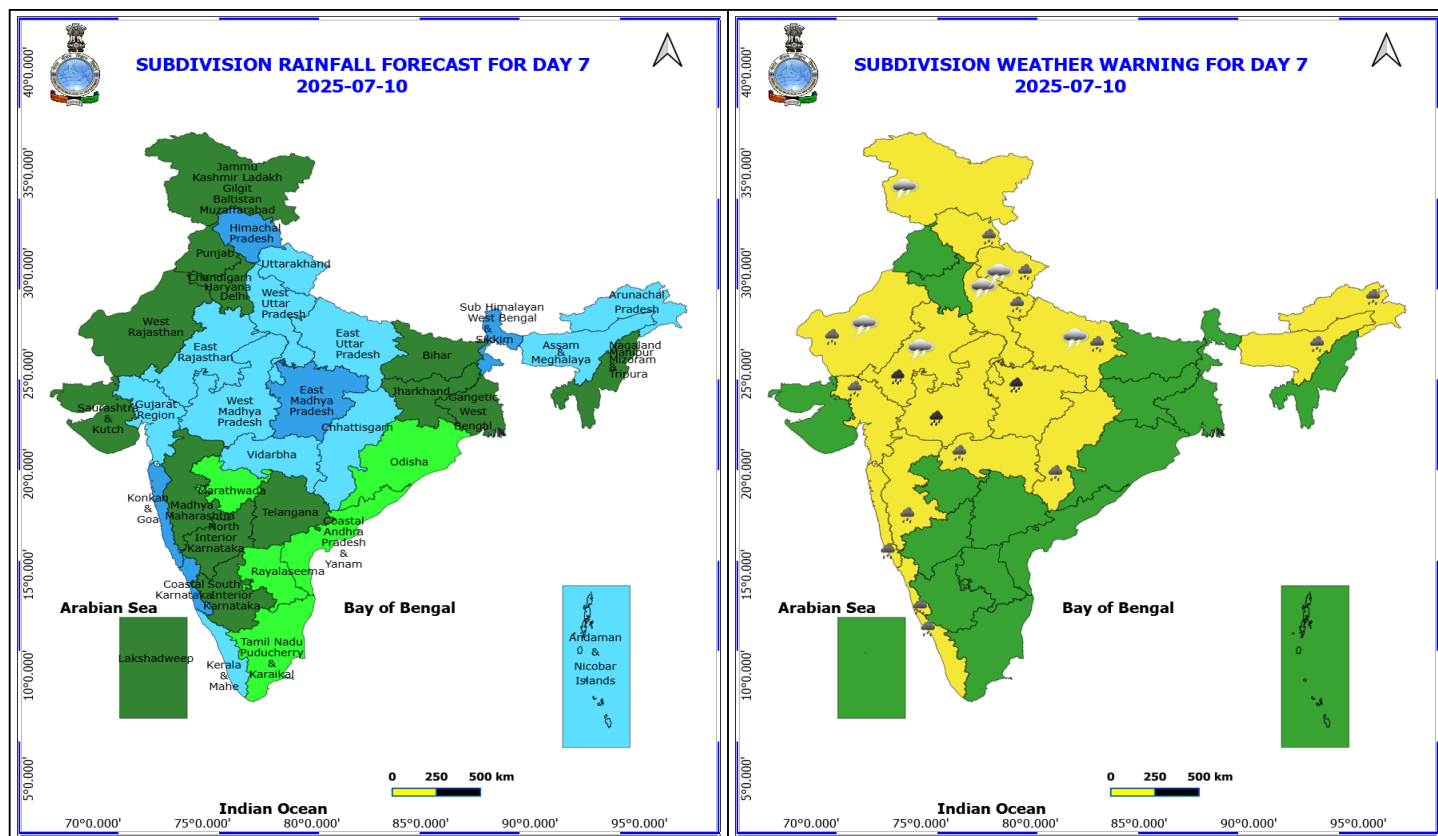
**\*Red color warning does not mean "Red Alert" Red color warning means "Take Action"**

**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)**





## 10 July (Day 7)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over East Rajasthan and Madhya Pradesh.
- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Coastal Karnataka, Gujarat Region, Himachal Pradesh, Kerala & Mahe, Konkan & Goa, Madhya Maharashtra, Uttar Pradesh, Uttarakhand, Vidarbha and West Rajasthan.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Rajasthan.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Uttar Pradesh and Uttarakhand.

**No Fishermen Warning**

\*Red color warning does not mean "Red Alert" Red color 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)

## Flash Flood Warnings

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

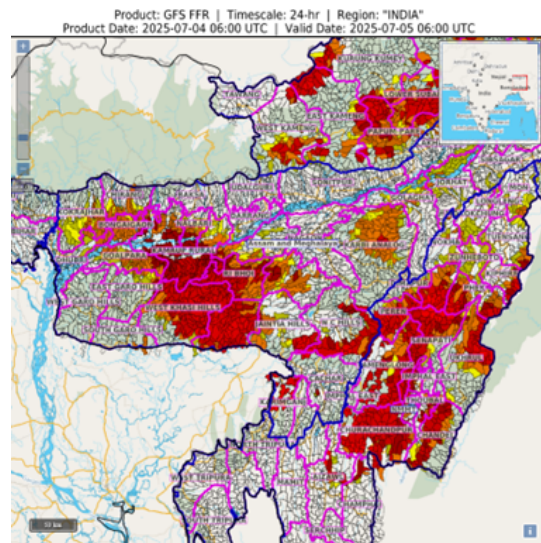
Nagaland Mizoram Manipur Tripura (NMMT) –

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 :

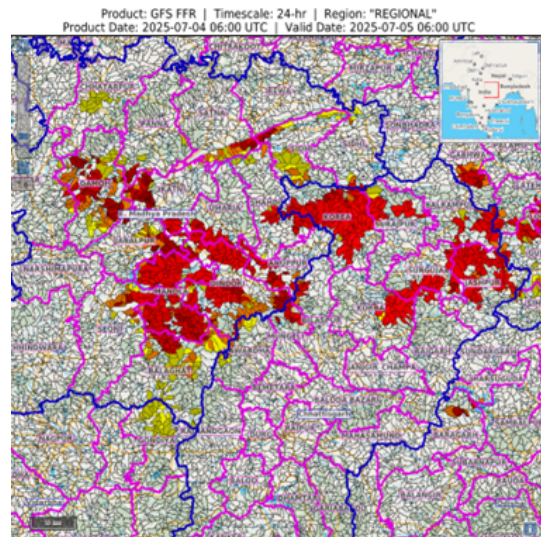
Low to Moderate flash flood risk likely over few watersheds & neighbourhoods of following Met Sub-divisions during next 24 hours.

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.



**\*Red color warning does not mean "Red Alert" Red color 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)**



# 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	N. M. M. & T.	WS	WS	FWS	FWS	SCT	SCT	SCT
5	S.H. 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, CHD & 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	SCT	SCT	SCT
25	MARATHWADA	ISOL	SCT	FWS	FWS	SCT	ISOL	ISOL
26	VIDARBHA	WS	WS	WS	WS	WS	FWS	FWS
27	CHATTISGARH	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	WS	WS	FWS	FWS	FWS	FWS	FWS
36	LAKSHDWEAP	FWS	FWS	SCT	SCT	SCT	SCT	SCT

Legend	Category	%Stations
WS	Widespread/Most Places	76-100
FWS	Fairly Widespread/Many Places	51-75
SCT	Scattered/ A Few Places	26-50
ISOL	Isolated Places	1-25
DRY	No Rain	0

\*Red color warning does not mean "Red Alert" Red color 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)



Fig. 1: Maximum Temperatures Dated 2025-07-04

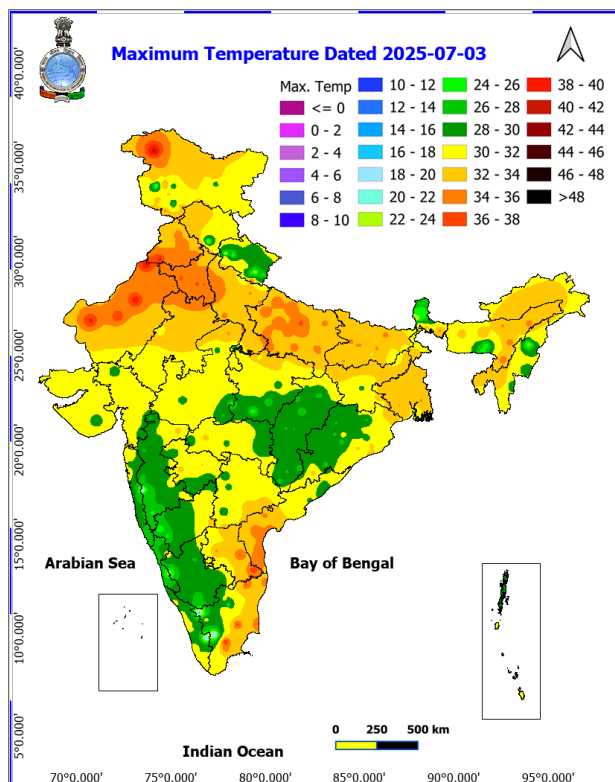


Fig. 2: Departure of Maximum Temp. Dated 2025-07-04

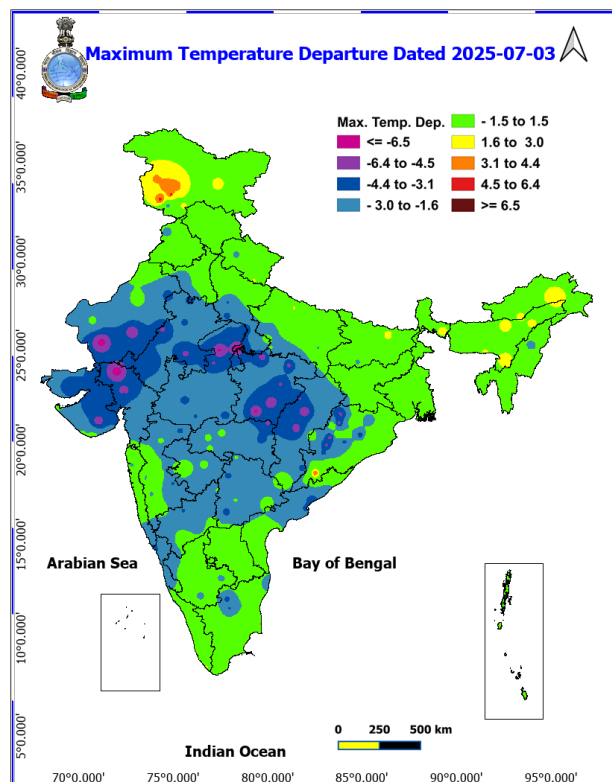


Fig. 3: Minimum Temperatures Dated 2025-07-04

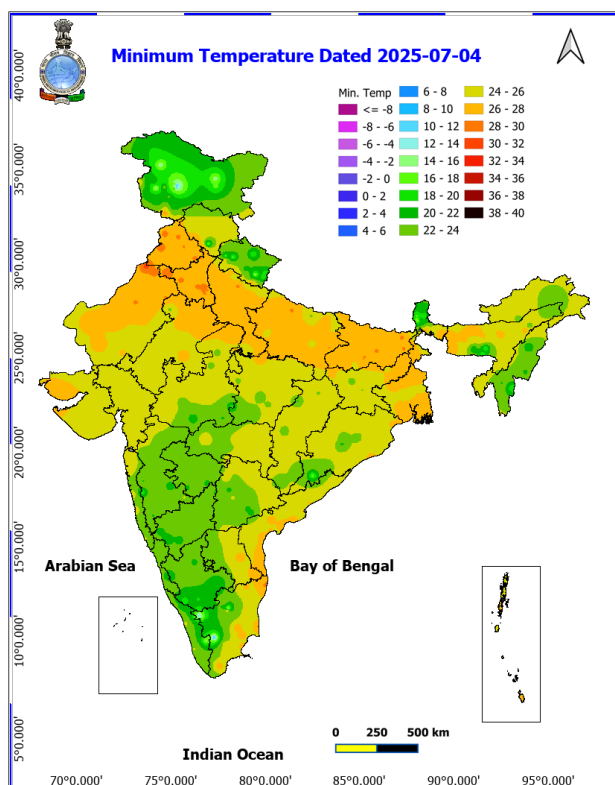
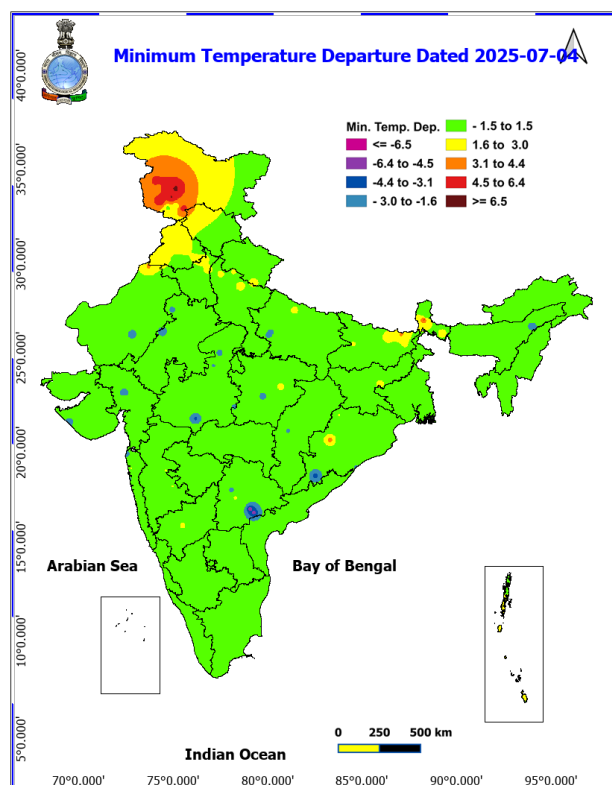
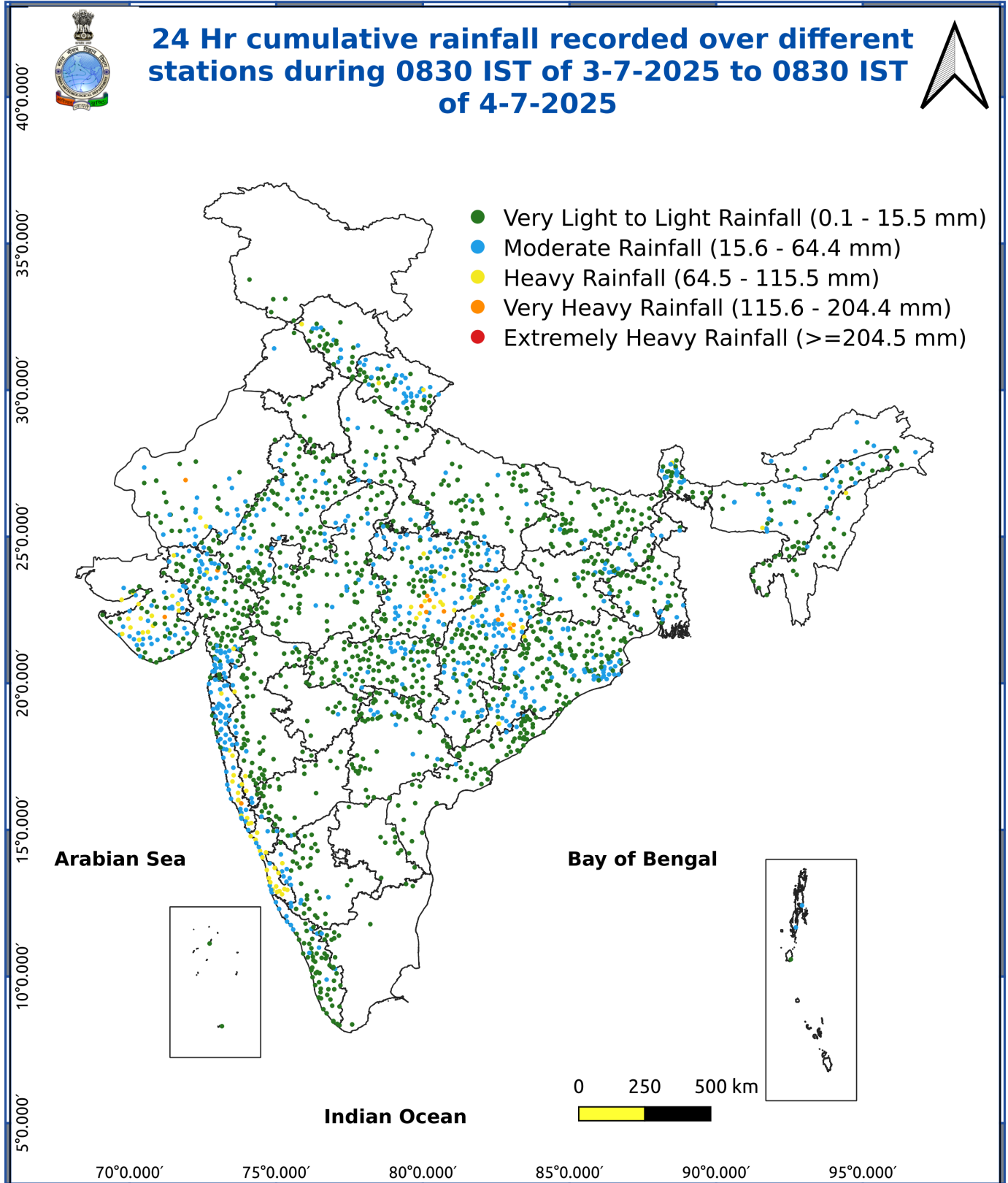


Fig. 4: Departure of Minimum Temp. Dated 2025-07-04





\*Red color warning does not mean "Red Alert" Red color 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)



Impact & suggested due to Extremely and heavy to very heavy rainfall over

#### Impact & Action Suggested

**Extremely heavy rainfall( $\geq 21$  cm)** very likely at isolated places over East Madhya Pradesh on 04<sup>th</sup>; Ghat areas of Madhya Maharashtra on 06<sup>th</sup> & 07<sup>th</sup> and Himachal Pradesh on 06<sup>th</sup> July.

**Heavy to very heavy rainfall** over Jammu, Jharkhand, West Uttar Pradesh on 06<sup>th</sup>; Himachal Pradesh, Uttarakhand during 05<sup>th</sup>-08<sup>th</sup>; Punjab, Haryana on 06<sup>th</sup> & 07<sup>th</sup>; East Rajasthan during 04<sup>th</sup>-06<sup>th</sup> and 09<sup>th</sup> & 10<sup>th</sup>; Madhya Pradesh during 04<sup>th</sup>, 05<sup>th</sup> and during 08<sup>th</sup>-10<sup>th</sup>; Chhattisgarh, Konkan & Goa, Madhya Maharashtra, Gujarat Region during 04<sup>th</sup>-08<sup>th</sup>; Vidarbha during 06<sup>th</sup>-08<sup>th</sup>; Gangetic West Bengal on 05<sup>th</sup> & 06<sup>th</sup>; Coastal Karnataka during 04<sup>th</sup>-06<sup>th</sup>; South Interior Karnataka, Saurashtra & Kutch, Arunachal Pradesh on 04<sup>th</sup> and Meghalaya on 04<sup>th</sup> & 06<sup>th</sup> 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 various parts of the country

##### 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

**\*Red color warning does not mean "Red Alert" Red color 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)**

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, soybean, 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.

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 **Konkan**, 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 nurseries, vegetables and orchards to prevent waterlogging.

In **Gujarat**, make necessary arrangements to drain out excess water in rice nurseries, sugarcane fields, banana and

**\*Red color warning does not mean "Red Alert" Red color 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)**

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 **Arunachal Pradesh**, ensure proper drainage in rice, soyabean, vegetable fields and orchards (kiwi, apple). Avoid fresh transplanting of rice in low-lying areas. Provide staking to vegetables. 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 **Coastal Karnataka**, ensure proper drainage in rice nurseries and remove excess rainwater to prevent water stagnation. Provide drainage to remove the excess water from the maize fields. In **South Interior Karnataka**, provide propping/support to banana and tomato to prevent their lodging. Ensure proper drainage in vegetables to avoid 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.

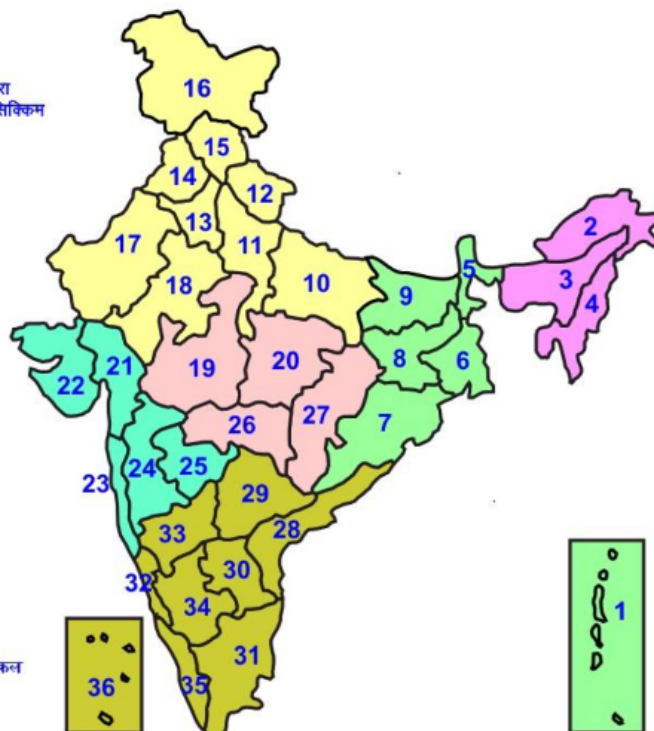
Construct an outlet with proper netting around the ponds to drain out excess water, thereby preventing fish from escaping in case of overflow.

#### **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.

## LEGENDS

- 1 अंडमान और निकोबार द्वीप समुह
- 2 अरुणाचल प्रदेश
- 3 असम और मेघालय
- 4 नागालैंड मनीपुर मीजोरम और त्रिपुरा
- 5 उप हिमालय पश्चिम बंगाल एवं सिक्किम
- 6 पश्चिम बंगाल
- 7 ओडिसा
- 8 झारखंड
- 9 बिहार
- 10 पूर्वी उत्तर प्रदेश
- 11 पश्चिम उत्तर प्रदेश
- 12 उत्तराखंड
- 13 हरियाणा चंडीगढ़ एवं दिल्ली
- 14 पंजाब
- 15 हिमाचल प्रदेश
- 16 जम्मू एवं कश्मीर एवं लद्दाख
- 17 पश्चिम राजस्थान
- 18 पूर्वी राजस्थान
- 19 पश्चिम मध्य प्रदेश
- 20 पूर्वी मध्य प्रदेश
- 21 गुजरात क्षेत्र
- 22 सौराष्ट्र एवं कच्छ
- 23 कोंकण एवं गोवा
- 24 मध्य महाराष्ट्र
- 25 मराठावाड़ा
- 26 विदर्भ
- 27 छत्तीसगढ़
- 28 तटीय आंध्र प्रदेश एवं यनम
- 29 तेलंगाना
- 30 रायलसीमा
- 31 तमिलनाडु, पुदुचेरी एवं कराईकल
- 32 तटिय कर्नाटक
- 33 आंतरिक उत्तरी कर्नाटक
- 34 आंतरिक दक्षिणी कर्नाटक
- 35 केरल एवं 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. Orissa
8. Jharkhand
9. Bihar
10. East Uttar Pradesh
11. West Uttar Pradesh
12. Uttarakhand
13. Haryana, Chd & 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. Marathawada
26. Vidharbha
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)


## Subdivision Colour


- NO WARNING
- WATCH (BE UPDATED)
- 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


-  Heavy Rain


 Thunderstorm & Lightning


 Strong surface winds


 Cold Wave


 Hot & Humid


 Very Heavy Rain


 Hailstorm


 Heat Wave


 Cold Day


 Extremely Heavy Rain


 Dust Storm


 Hot Day

 Ground Frost

 Heavy Snow

 Dust Raising Winds

 Warm Night

 Fog

\*Red color warning does not mean "Red Alert" Red color 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)



## LEGENDS

### WARNING

<b>WARNING (TAKE ACTION)</b>
<b>ALERT (BE PREPARED)</b>
<b>WATCH (BE UPDATED)</b>
<b>NO WARNING (NO ACTION)</b>

### Probabilistic Forecast

Terms	Probability of Occurrence (%)
Unlikely	< 25
Likely	25 - 50
Very Likely	50 - 75
Most Likely	> 75



Heavy: 64.5 to 115.5 mm/cm \*  
Very Heavy: 115.6 to 204.4 mm/cm \*  
Extremely Heavy: > 204.4 mm/cm \*



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  $4.5^{\circ}\text{C}$  to  $6.4^{\circ}\text{C}$ .  
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  $\geq 37^{\circ}\text{C}$



When maximum temperature remains  $40^{\circ}\text{C}$

Warm Night: When minimum temperature departure  $4.5^{\circ}\text{C}$  to  $6.4^{\circ}\text{C}$ .  
Severe Warm Night: When minimum temperature departure  $> 6.4^{\circ}\text{C}$ .



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  $-4.5^{\circ}\text{C}$  to  $-6.4^{\circ}\text{C}$ .  
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  $\leq 15^{\circ}\text{C}$



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  $-4.5^{\circ}\text{C}$  to  $-6.4^{\circ}\text{C}$ .  
Severe Cold Day: Maximum Temperature Departure from normal  $\leq -6.5^{\circ}\text{C}$



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



Sudden electrical discharges manifested by a flash of light (Lightning) and a sharp rumbling sound (thunder)



An ensemble of particles of dust or sand energetically lifted to great heights by a strong and turbulent wind.



Ice deposits on ground

Air temperature  $\leq 4^{\circ}\text{C}$  (over Plains)



A strong wind that rises suddenly, lasts for at least 1 minute.

Moderate: Wind speed 52-61 kmph  
Severe: Wind speed 62-87 kmph  
Very Severe: Wind speed  $> 87$  kmph



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



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 color warning does not mean "Red Alert" Red color 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)