

2025-07-09

Time of Issue: 08:27:00 hours IST
(Morning)

ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN

Significant Weather Features

Weather Forecast and Warnings:

East & Central India:

- Isolated **heavy rainfall** very likely to continue over Madhya Pradesh during 09th-15th; Vidarbha, Chhattisgarh during 09th-10th; West Bengal, Jharkhand on 09th, Odisha on 09th, 13th, 14th & 15th July with **very heavy rainfall** over Madhya Pradesh during 09th-11th; Vidarbha, Chhattisgarh on 09th 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:

- Isolated **heavy rainfall** likely over Himachal Pradesh, Uttarakhand during 09th-15th, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 09th-10th, West Uttar Pradesh during 09th-11th, Punjab, Haryana Chandigarh, East Uttar Pradesh on 09th & 10th, West Rajasthan during 12th-15th, East Rajasthan during 10th-15th July with **very heavy rainfall over East Rajasthan on 11th & 12th 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:

- **Heavy rainfall** likely at isolated places over Konkan & Goa, Ghat areas of Madhya Maharashtra during 09th-10th, Saurashtra & Kutch on 12th & 13th, Gujarat Region during 09th-15th July with **very heavy rainfall over Konkan & Goa, Ghat areas of Madhya Maharashtra on 09th 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** likely to continue over Northeast India during next 7 days.
- Isolated heavy rainfall very likely over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura during 09th-15th; Arunachal Pradesh during 11th-15th July.

South Peninsular India:

- Isolated **heavy rainfall** likely over Coastal Karnataka, Kerala & Mahe during 09th-15th, Telangana on 09th July.
- **Strong surface winds** (speed reaching 40-50 kmph) very likely over South Peninsular India during next 4 days.
- Light/moderate rainfall at many/some places over Kerala & Mahe, Lakshadweep, Karnataka, Rayalaseema; isolated to scattered rainfall accompanied with isolated **thunderstorm, lightning** over Coastal Andhra Pradesh & Yanam, Telangana during next 7 days.

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Main Weather Observations:

❖ **Significant rainfall recorded (in cm)** (from 0830 hours IST of yesterday to 0530 hours IST of today): **Vidarbha:** Nagpur-sonegaon Airport (dist Nagpur) 17; **Assam & Meghalaya:** Cherrapunji (dist East Khasi Hills) 6; **Jharkhand:** Jamshedpur AP (dist East Singhbhum) 5; **Nagaland, Manipur, Mizoram & Tripura:** Kailashahar AP (dist Unakoti) 4, Agartala AP (dist West Tripura) 3; **West Rajasthan:** Sriganganagar (dist Sri Ganganagar) 4; **West Uttar Pradesh:** Jhansi (dist Jhansi) 3; **Coastal Andhra Pradesh & Yanam:** Ongole (dist Prakasam) 3; **Chhattisgarh:** Raipur-lalpur (dist Raipur) 2; **Andaman & Nicobar Islands:** Port Blair (dist South Andaman) 2; **Tamilnadu Puducherry & Karaikal:** Chennai (nungambakkam) (dist Chennai) 2; **Coastal Karnataka:** Mangalore (bajpe) AP (dist Dakshina Kannada) 2; **Kerala & Mahe:** Kozhikode (calicut) (dist Kozhikode), Cannanore (kannur) (dist Kannur) 2 Each.

❖ **Heavy Rainfall observed** (from 0830 hours IST of yesterday to 0530 hours IST of today): **Heavy to very heavy rain** at a few places over Vidarbha.

❖ **Minimum Temperature Departures (as on 08-07-2025):** **markedly above normal(> 5.1°C)** at few places over Assam & Meghalaya; at isolated places over East Uttar Pradesh, West Uttar Pradesh, Himachal Pradesh, Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad, West Madhya Pradesh and East Madhya Pradesh. **appreciably above normal(3.1°C to 5.0°C)** at few places over Sub Himalayan West Bengal & Sikkim; at isolated places over Andaman & Nicobar Islands. **above normal(1.6°C to 3.0°C)** at many places over Lakshadweep; at most places over Bihar; at few places over Konkan & Goa, Rayalaseema and Tamil Nadu, Puducherry & Karaikal; at isolated places over Gangetic West Bengal, Odisha, Punjab, Saurashtra & Kutch, Madhya Maharashtra, Coastal Andhra Pradesh & Yanam, South Interior Karnataka and Kerala & Mahe. **near normal(-1.5°C to 1.5°C)** at many places over Jharkhand, Haryana-Chandigarh-Delhi, West Rajasthan, Gujarat Region, Marathwada and Telangana; at most places over Arunachal Pradesh, Nagaland, Manipur, Mizoram & Tripura, Uttarakhand, East Rajasthan, Coastal Karnataka and North Interior Karnataka; at few places over Chhattisgarh; at isolated places over Vidarbha. **The lowest minimum temperature** of 18.0°C is reported at KHANDWA (MADHYA PRADESH), NARSINGHPUR (MADHYA PRADESH), and MATHERAN (MAHARASHTRA) over the Plains of India.

❖ **Maximum Temperature Departures (as on 08-07-2025):** **markedly above normal(> 5.1°C)** at isolated places over Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad. **appreciably above normal(3.1°C to 5.0°C)** at few places over Arunachal Pradesh, Sub Himalayan West Bengal & Sikkim, Bihar, East Uttar Pradesh and Tamil Nadu, Puducherry & Karaikal; at isolated places over Assam & Meghalaya, Uttarakhand and Himachal Pradesh. **above normal(1.6°C to 3.0°C)** at most places over Coastal Andhra Pradesh & Yanam; at few places over Rayalaseema, Coastal Karnataka, Kerala & Mahe and Lakshadweep; at isolated places over Andaman & Nicobar Islands, Odisha, West Uttar Pradesh, Haryana-Chandigarh-Delhi, East Madhya Pradesh, Konkan & Goa, Chhattisgarh and South Interior Karnataka. **near normal(-1.5°C to 1.5°C)** at many places over Gujarat Region; at few places over Punjab, West Rajasthan, Saurashtra & Kutch, Madhya Maharashtra, Telangana and North Interior Karnataka; at isolated places over Gangetic West Bengal, Jharkhand, East Rajasthan and West Madhya Pradesh. **The highest maximum temperature** of 41.2°C is reported at MADURAI (A) (TAMIL NADU).

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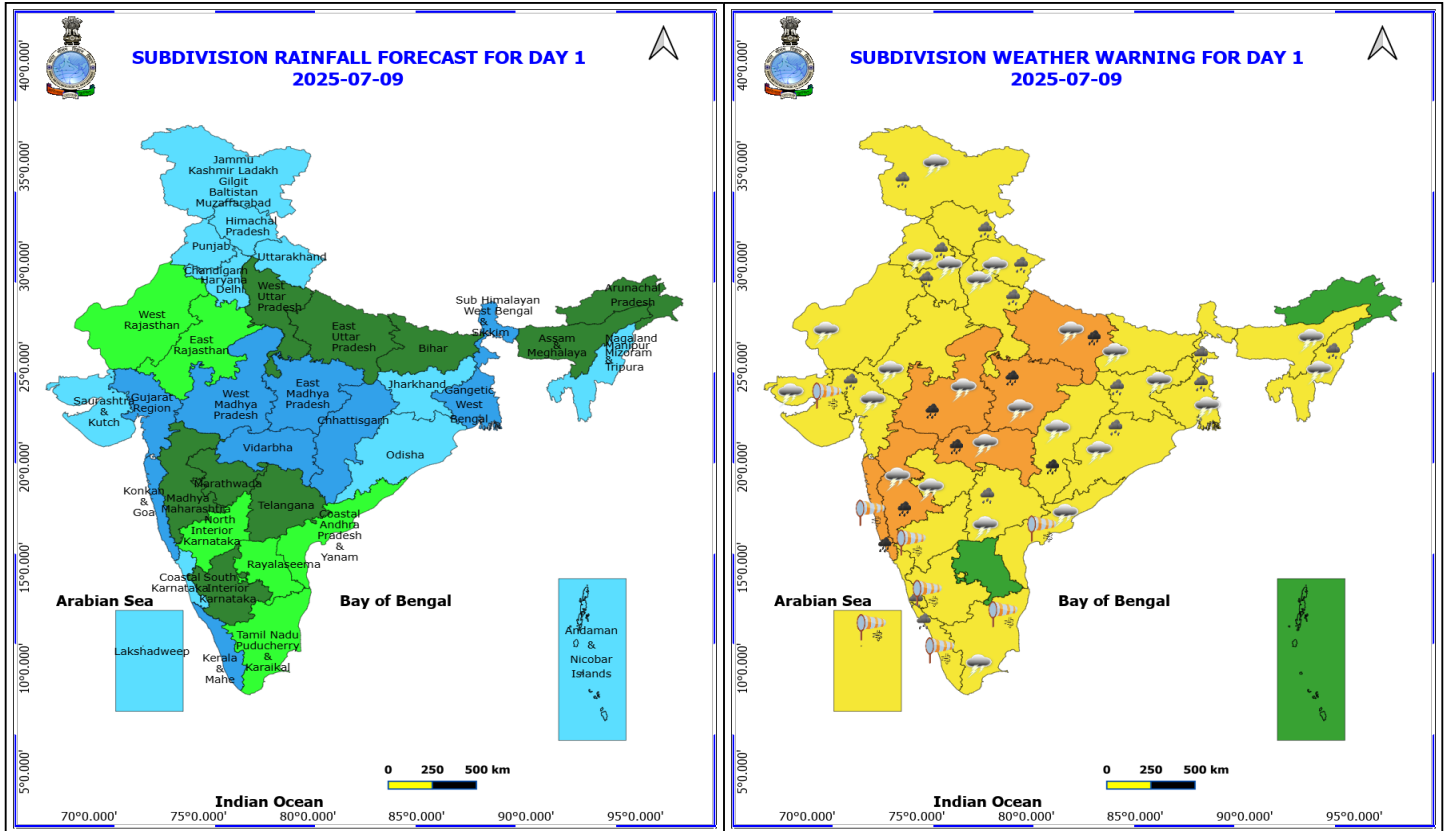


Meteorological Analysis (Based on 0530 hours IST)

- The **Low-Pressure area** over Gangetic West Bengal & neighbourhood persists at 0530 hrs IST of today, the 09th July 2025. The associated cyclonic circulation extended upto 7.6 km above mean sea level also persists. It is likely to move slowly west-northwestwards across Jharkhand and north Chhattisgarh during next 2 days.
- The **monsoon trough** at mean sea level now passes through Ludhiana, Sarsawa, Bareilly, Sultanpur, Daltonganj, centre of the **Low-Pressure area** over Gangetic West Bengal & neighbourhood and thence southeastwards to northeast Bay of Bengal.
- A **cyclonic circulation** over north Haryana & neighbourhood at 1.5 km above mean sea level.
- The **trough** from northeast Arabian Sea to the cyclonic circulation associated with **Low-Pressure area** over Gangetic West Bengal & neighbourhood across south Gujarat Region, north Madhya Maharashtra, Vidarbha, south Chhattisgarh, south Odisha at 5.8 km above mean sea level.
- The **cyclonic circulation** over south Gujarat & neighbourhood at 3.1 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, Northeast India & Northwest India.
- Scattered rainfall very likely over rest parts of the country.



9 July (Day 1)

- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Chhattisgarh, East Uttar Pradesh, Konkan & Goa, Madhya Maharashtra, Madhya Pradesh and Vidarbha.
- ❖ **Heavy Rainfall** very likely at isolated places over Coastal Karnataka, Gujarat Region, Haryana, Chandigarh & Delhi, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, Kerala & Mahe, Nagaland, Manipur, Mizoram and Tripura, Odisha, Punjab, Telangana, Uttarakhand, West Bengal & Sikkim and West Uttar Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Bihar, Gangetic West Bengal, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Odisha, Rajasthan and West Madhya Pradesh.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Assam & Meghalaya, Chhattisgarh, Coastal Andhra Pradesh, East Madhya Pradesh, Gujarat State, Haryana, Chandigarh & Delhi, Jharkhand, 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, Interior Karnataka, Kerala & Mahe, Konkan & Goa, Lakshadweep, Saurashtra & Kutch and Tamil Nadu Puducherry & Karaikal.
- ❖ 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, Gulf of Mannar.
- ❖ Squally weather with wind speed 40 - 50 kmph gusting to 60 kmph likely to prevail along and off south Gujarat & adjoining north Gujarat coast, Konkan, Goa, Karnataka coasts and adjoining sea areas, over some southern parts of

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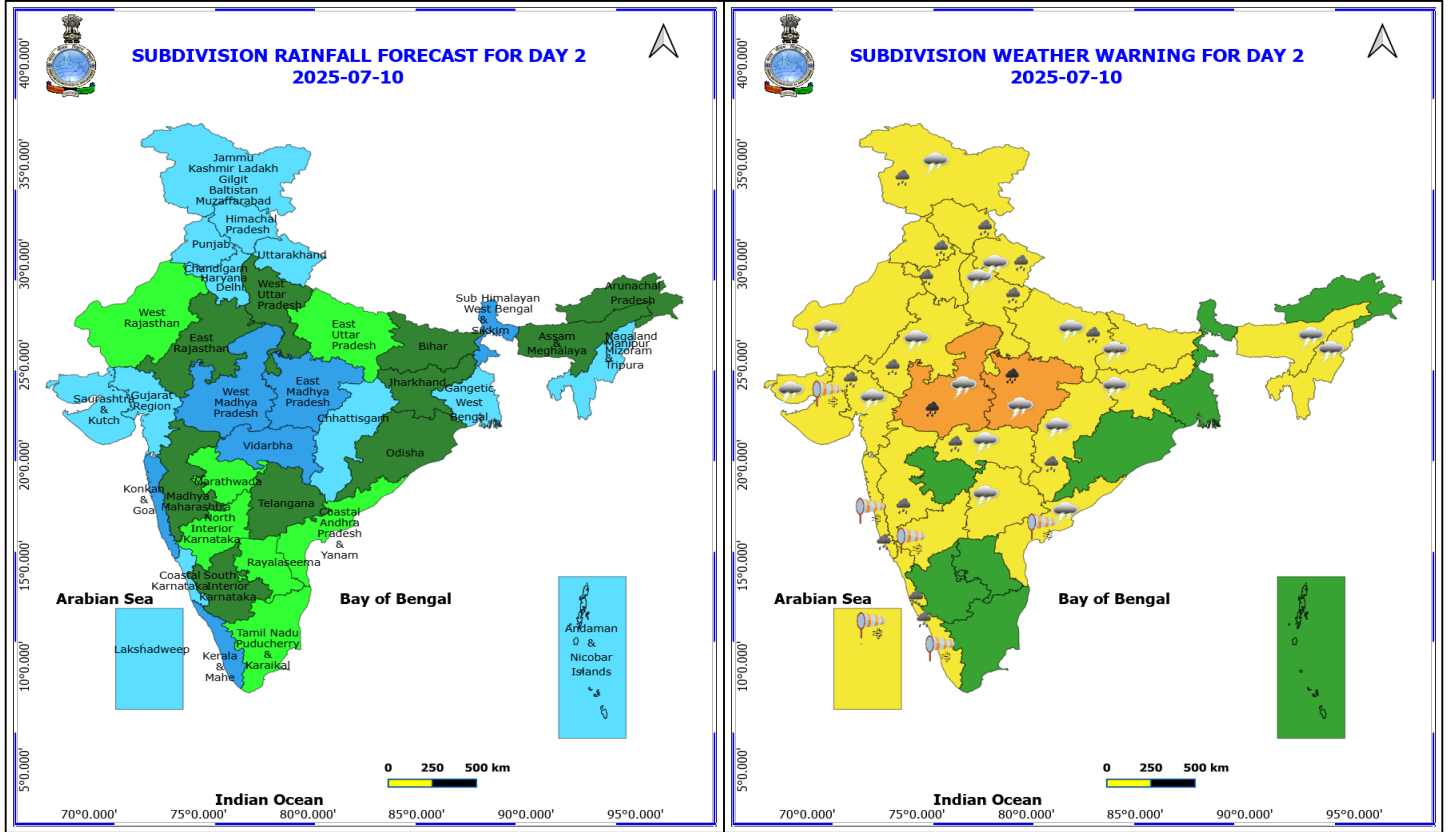
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northeast Arabian Sea, over many parts of westcentral Bay of Bengal, along and off north Andhra Pradesh coast, adjoining Odisha coast, some parts of northwest Bay of Bengal, off Odisha coast.

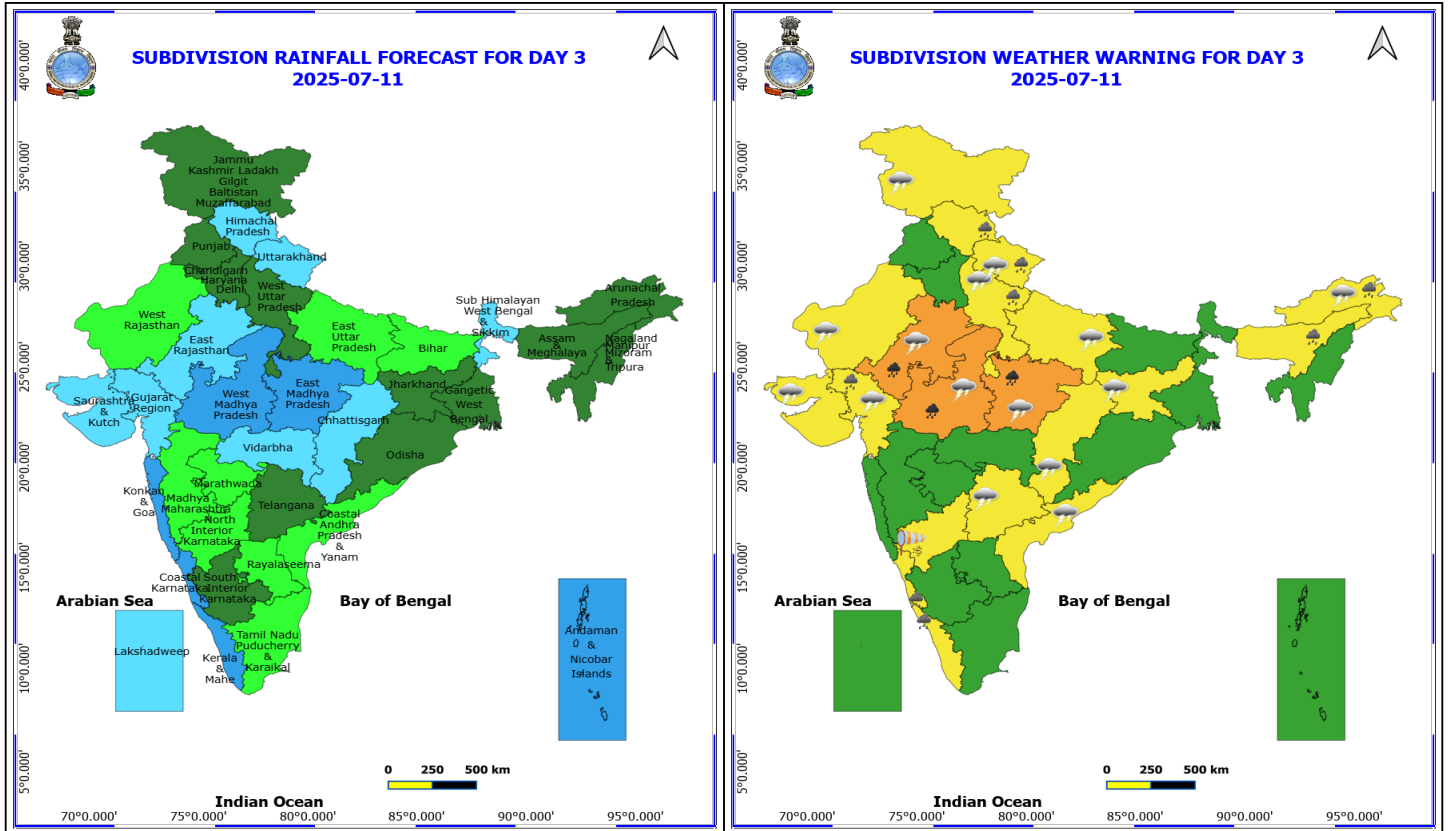


10 July (Day 2)

- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Madhya Pradesh.
- ❖ **Heavy Rainfall** very likely at isolated places over Chhattisgarh, Coastal Karnataka, East Rajasthan, Gujarat Region, Haryana, Chandigarh & Delhi, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Kerala & Mahe, Konkan & Goa, Madhya Maharashtra, Punjab, Uttar Pradesh, Uttarakhand and Vidarbha.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Bihar, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Rajasthan and West Madhya Pradesh.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Assam & Meghalaya, Chhattisgarh, Coastal Andhra Pradesh, East Madhya Pradesh, Gujarat State, Jharkhand, Nagaland, Manipur, Mizoram and Tripura, Telangana, Uttar Pradesh, Uttarakhand and Vidarbha.
- ❖ **Strong Surface Winds** very likely at isolated places over Coastal Andhra Pradesh, Kerala & Mahe, Konkan & Goa, Lakshadweep, North Interior Karnataka and Saurashtra & Kutch.
- ❖ 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 south Gujarat & adjoining north Gujarat coast, Konkan, Goa, Karnataka coasts and adjoining sea areas, over some southern parts of northeast Arabian Sea, over few parts of westcentral Bay of Bengal, over few southern parts of northwest Bay of Bengal.

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11 July (Day 3)

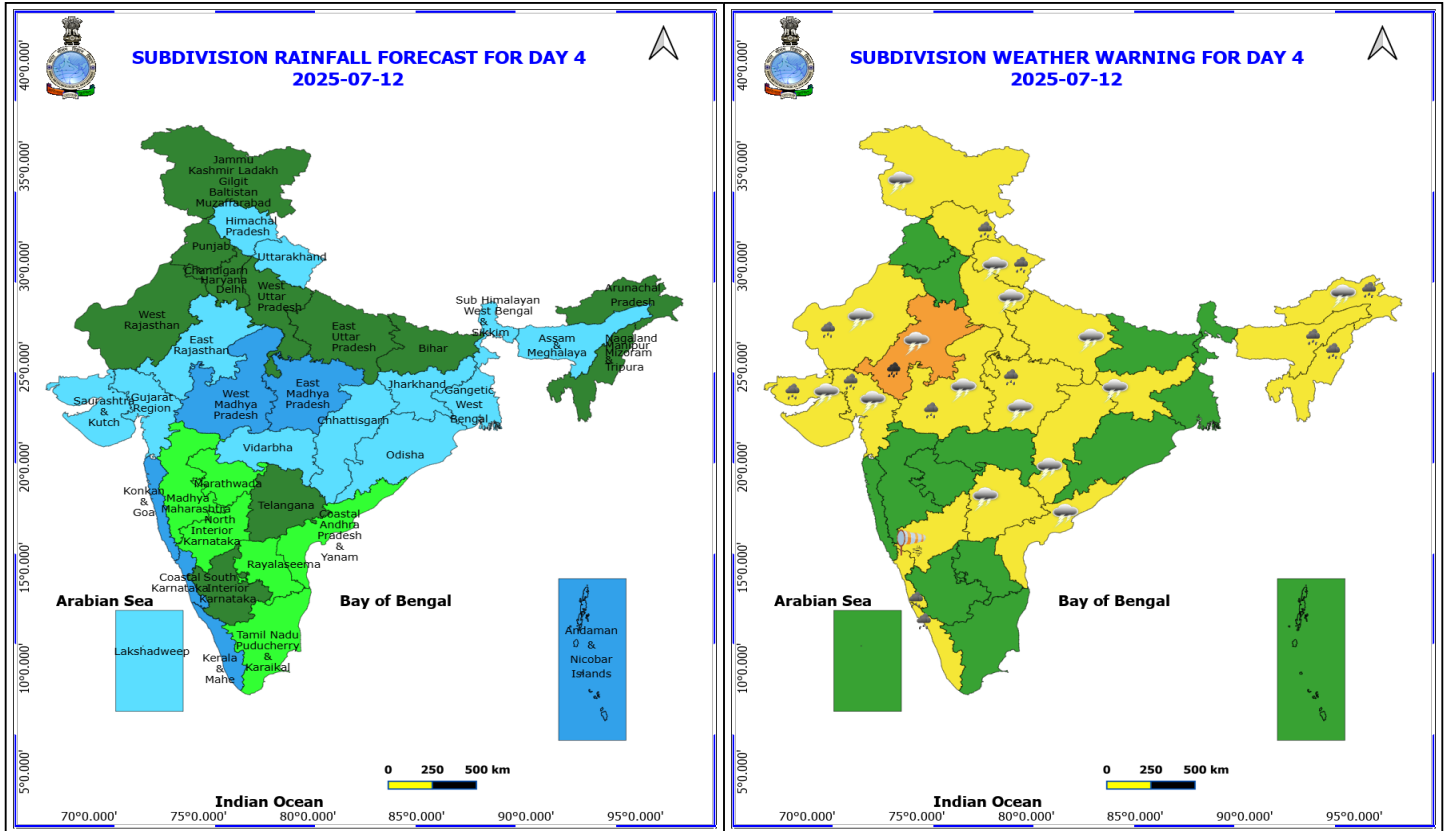
- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over East Rajasthan and Madhya Pradesh.
- ❖ **Heavy Rainfall** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Coastal Karnataka, Gujarat Region, Himachal Pradesh, Kerala & Mahe, Uttarakhand and West Uttar Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Rajasthan.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Arunachal Pradesh, Chhattisgarh, Coastal Andhra Pradesh, Gujarat State, Jharkhand, Madhya Pradesh, Telangana, Uttar Pradesh and Uttarakhand.
- ❖ **Strong Surface Winds** very likely at isolated places over North Interior Karnataka.
- ❖ 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 Konkan and adjoining Gujarat coasts, Goa, Karnataka coasts and adjoining sea areas, over some parts of westcentral Arabian Sea, few northern parts of southwest Arabian Sea.

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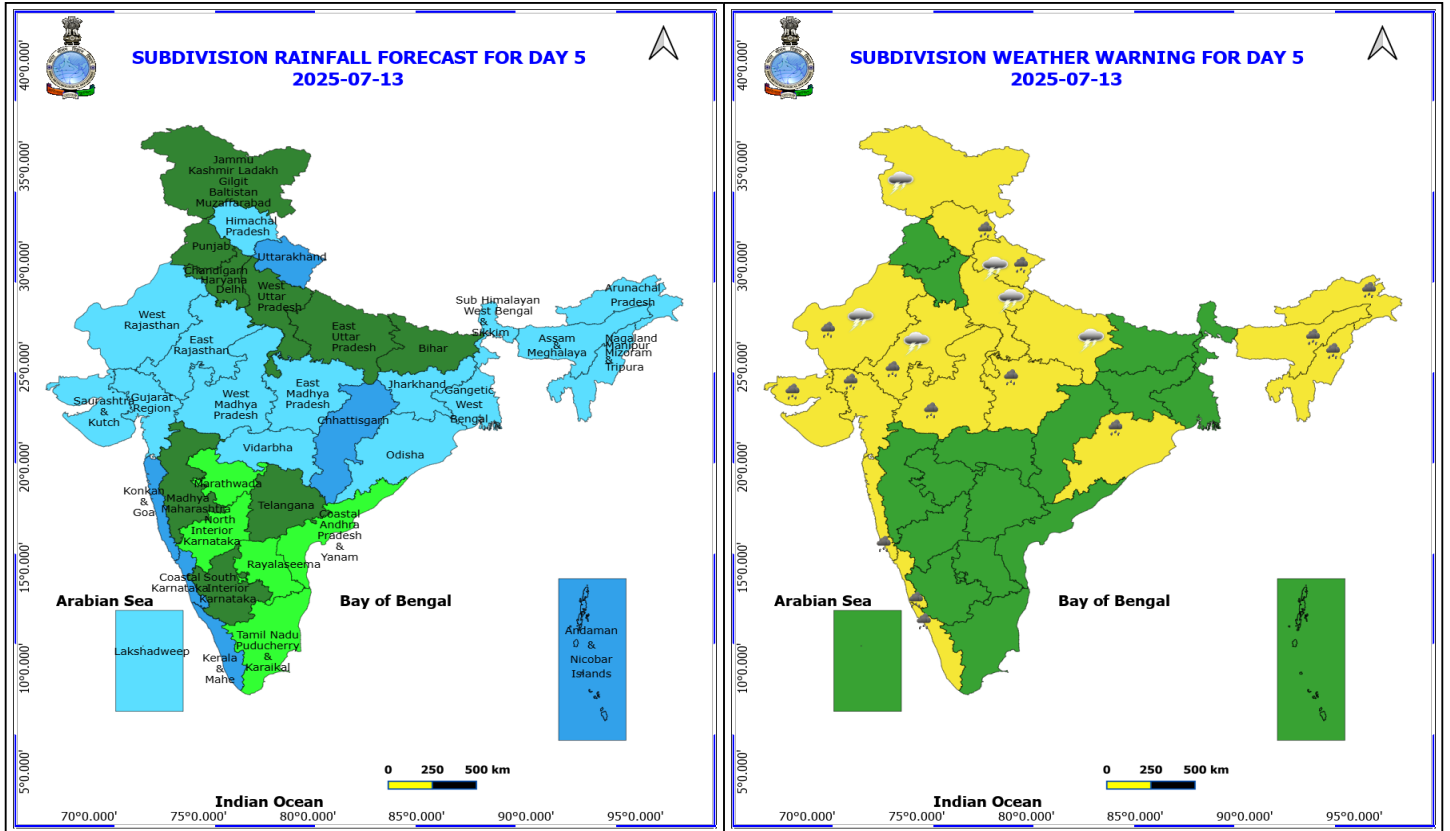
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12 July (Day 4)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over East Rajasthan.
- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Coastal Karnataka, Gujarat State, Himachal Pradesh, Kerala & Mahe, Madhya Pradesh, Nagaland, Manipur, Mizoram and Tripura, Uttarakhand 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 Arunachal Pradesh, Chhattisgarh, Coastal Andhra Pradesh, Gujarat State, Jharkhand, Madhya Pradesh, Telangana, Uttar Pradesh and Uttarakhand.
- ❖ **Strong Surface Winds** likely at isolated places over North Interior Karnataka.
- ❖ 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 parts of eastcentral Arabian Sea.
- ❖ Squally weather with wind speed 40 - 50 kmph gusting to 60 kmph likely to prevail along and off Karnataka coast, over few parts of westcentral Bay of Bengal.

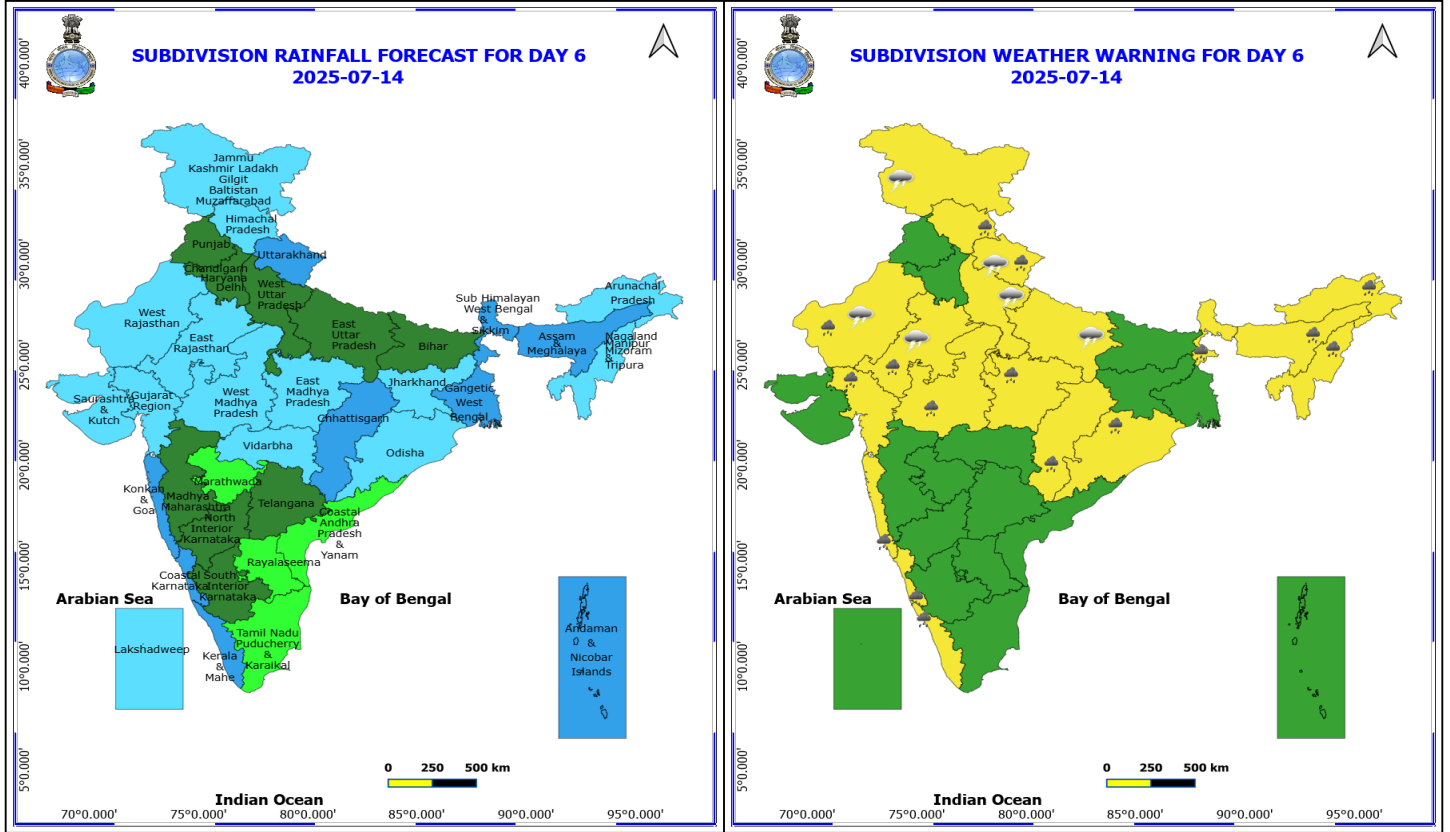
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13 July (Day 5)

- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Coastal Karnataka, Gujarat State, Himachal Pradesh, Kerala & Mahe, Konkan & Goa, Madhya Pradesh, Nagaland, Manipur, Mizoram and Tripura, Odisha, Rajasthan and Uttarakhand.
- ❖ **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.
- ❖ 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 parts of eastcentral Arabian Sea.
- ❖ Squally weather with wind speed 40 - 50 kmph gusting to 60 kmph likely to prevail along and off Karnataka coast, over few parts of westcentral Bay of Bengal.

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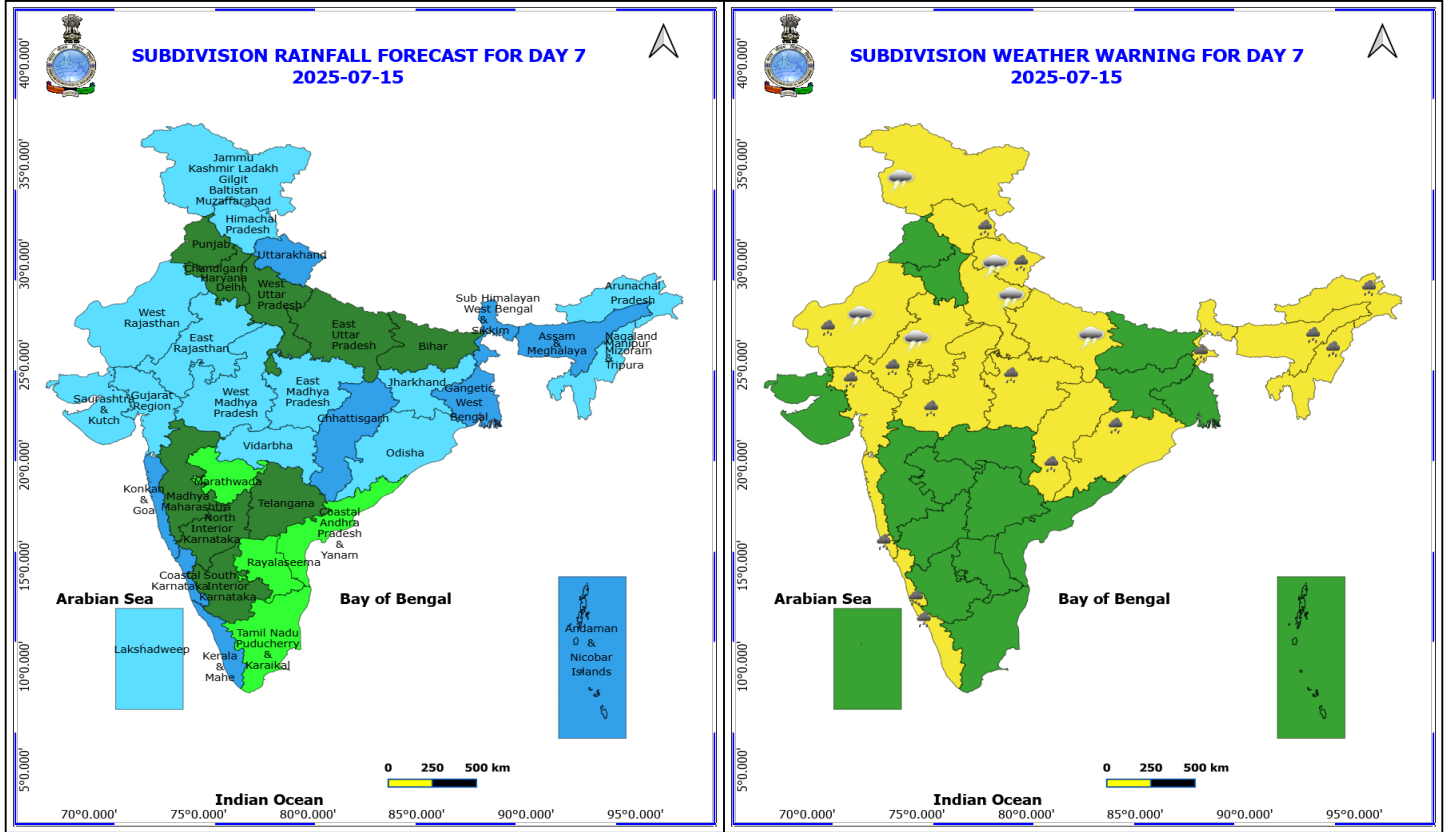


14 July (Day 6)

- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Coastal Karnataka, Gujarat Region, Himachal Pradesh, Kerala & Mahe, Konkan & Goa, Madhya Pradesh, Nagaland, Manipur, Mizoram and Tripura, Odisha, Rajasthan, Sub Himalayan West Bengal & Sikkim and Uttarakhand.
- ❖ **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

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15 July (Day 7)

- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Coastal Karnataka, Gujarat State, Himachal Pradesh, Kerala & Mahe, Konkan & Goa, Madhya Pradesh, Nagaland, Manipur, Mizoram and Tripura, Odisha, Rajasthan and Uttarakhand.
- ❖ **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.

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Flash Flood Warnings

24 hours Outlook for the Flash Flood Risk (FFR) till 0530 IST of 10-07-2025 :

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

West Madhya Pradesh - Ashoknagar, Guna, Gwalior, Raisen, Sheopur, Shivpuri and Hoshangabad districts.

East Madhya Pradesh - Anuppur, Balaghat, Chhatarpur, Chhindwara, Damoh, Dindori, Jabalpur, Katni, Mandla, Narshimapura, Niwari, Panna, Sagar, Seoni, Shahdol, Singrauli, Tikamgarh and Umaria districts.

Adjoining Vidarbha - Bhandara and Gondiya districts.

Chhattisgarh - Baloda Bazar, Bemetara, Bilaspur, Durg, Janjgir_Champa, Jashpur, Korba, Mahasamund, Mungeli, Raigarh, Raipur, Rajnandgaon and Surguja 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.

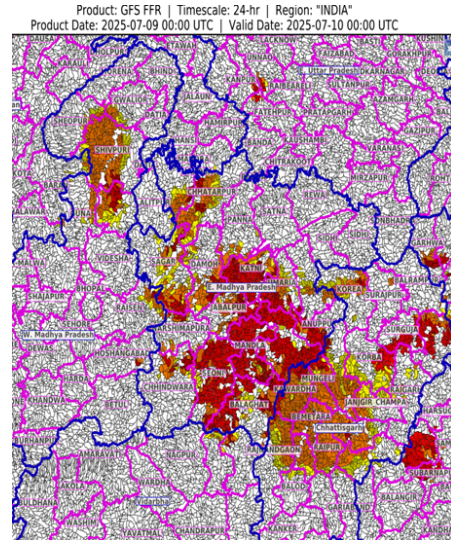




Table-1

7 Days Rainfall Forecast

| S.No. | Subdivision | 9- Jul | 10- Jul | 11- Jul | 12- Jul | 13- Jul | 14- Jul | 15- Jul |
|-------|------------------------------|--------|---------|---------|---------|---------|---------|---------|
| | | Day 1 | Day 2 | Day 3 | Day 4 | Day 5 | Day 6 | Day 7 |
| 1 | ANDAMAN & NICOBAR ISLANDS | FWS | FWS | WS | WS | WS | WS | WS |
| 2 | ARUNACHAL PRADESH | SCT | SCT | SCT | SCT | FWS | FWS | FWS |
| 3 | ASSAM & MEHGHALAYA | SCT | SCT | SCT | FWS | FWS | WS | WS |
| 4 | N. M. M. & T. | FWS | FWS | SCT | SCT | FWS | FWS | FWS |
| 5 | S.H. WEST BENGAL & SIKKIM | WS | WS | FWS | FWS | FWS | WS | WS |
| 6 | GANGETIC WEST BENGAL | WS | FWS | SCT | FWS | FWS | WS | WS |
| 7 | ODISHA | FWS | SCT | SCT | FWS | FWS | FWS | FWS |
| 8 | JHARKHAND | FWS | SCT | SCT | FWS | FWS | FWS | FWS |
| 9 | BIHAR | SCT | SCT | ISOL | SCT | SCT | SCT | SCT |
| 10 | EAST UTTAR PRADESH | SCT | ISOL | ISOL | SCT | SCT | SCT | SCT |
| 11 | WEST UTTAR PRADESH | SCT | SCT | SCT | SCT | SCT | SCT | SCT |
| 12 | UTTARAKHAND | FWS | FWS | FWS | FWS | WS | WS | WS |
| 13 | HARYANA, CHD & DELHI | FWS | FWS | SCT | SCT | SCT | SCT | SCT |
| 14 | PUNJAB | FWS | FWS | SCT | SCT | SCT | SCT | SCT |
| 15 | HIMACHAL PRADESH | FWS | FWS | FWS | FWS | FWS | FWS | FWS |
| 16 | JAMMU AND KASHMIR AND LADAKH | FWS | FWS | SCT | SCT | SCT | FWS | FWS |
| 17 | WEST RAJASTHAN | ISOL | ISOL | ISOL | SCT | FWS | FWS | FWS |
| 18 | EAST RAJASTHAN | ISOL | SCT | FWS | FWS | FWS | FWS | FWS |
| 19 | WEST MADHYA PRADESH | WS | WS | WS | WS | FWS | FWS | FWS |
| 20 | EAST MADHYA PRADESH | WS | WS | WS | WS | FWS | FWS | FWS |
| 21 | GUJRAT REGION | WS | FWS | FWS | FWS | FWS | FWS | FWS |
| 22 | SAURASHTRA & KUTCH | FWS | FWS | FWS | FWS | FWS | FWS | FWS |
| 23 | KONKAN & GOA | WS | WS | WS | WS | WS | WS | WS |
| 24 | MADHYA MAHARASHTRA | SCT | SCT | ISOL | ISOL | SCT | SCT | SCT |
| 25 | MARATHWADA | SCT | ISOL | ISOL | ISOL | ISOL | ISOL | ISOL |
| 26 | VIDARBHA | WS | WS | FWS | FWS | FWS | FWS | FWS |
| 27 | CHATTISGARH | WS | FWS | FWS | FWS | WS | WS | WS |
| 28 | COASTAL ANDHRA PRADESH | ISOL | ISOL | ISOL | ISOL | 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 | FWS | FWS | WS | WS | WS | WS | WS |
| 33 | NORTH INTERIOR KARNATAKA | ISOL | ISOL | ISOL | ISOL | ISOL | SCT | SCT |
| 34 | SOUTH INTERIOR KARNATAKA | SCT | SCT | SCT | SCT | SCT | SCT | SCT |
| 35 | KERALA | WS | WS | WS | WS | WS | WS | WS |
| 36 | LAKSHDWEEP | FWS | FWS | FWS | FWS | FWS | FWS | FWS |

| 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 |

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Fig. 1: Maximum Temperatures Dated 2025-07-09

Fig. 2: Departure of Maximum Temp. Dated 2025-07-09

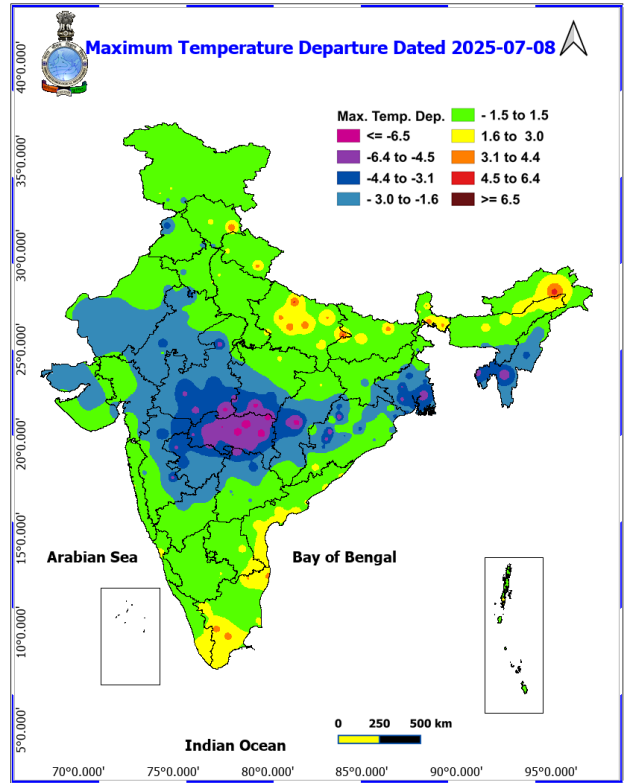
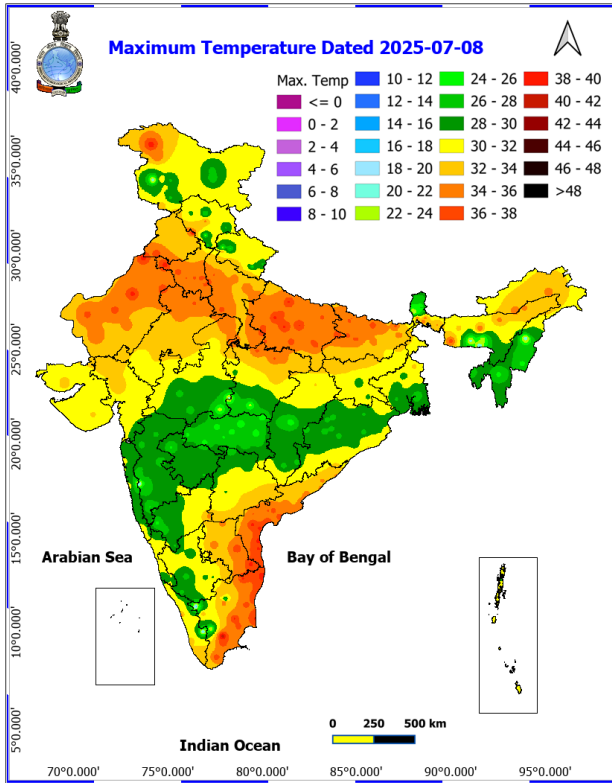
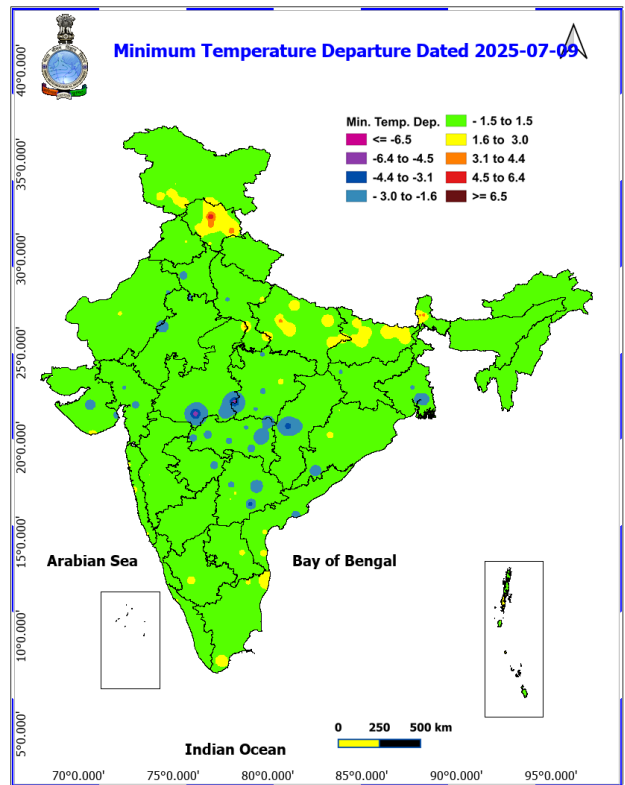
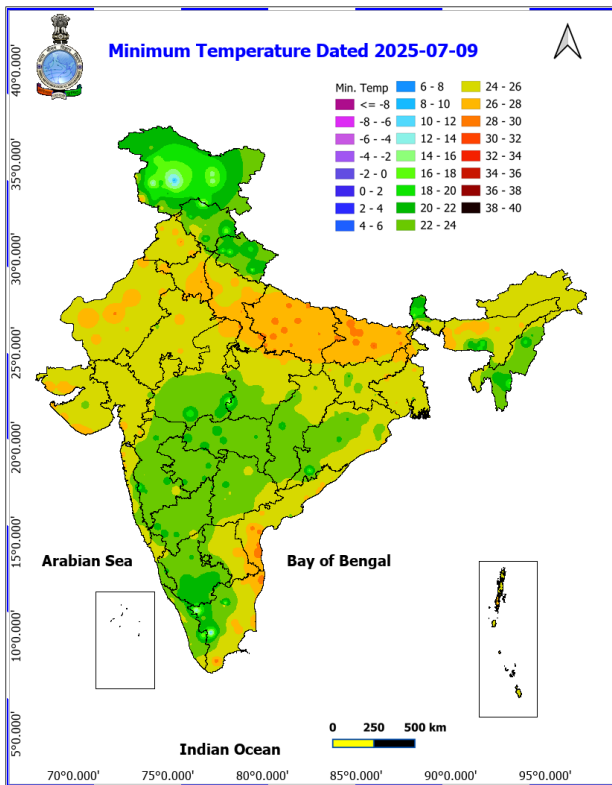
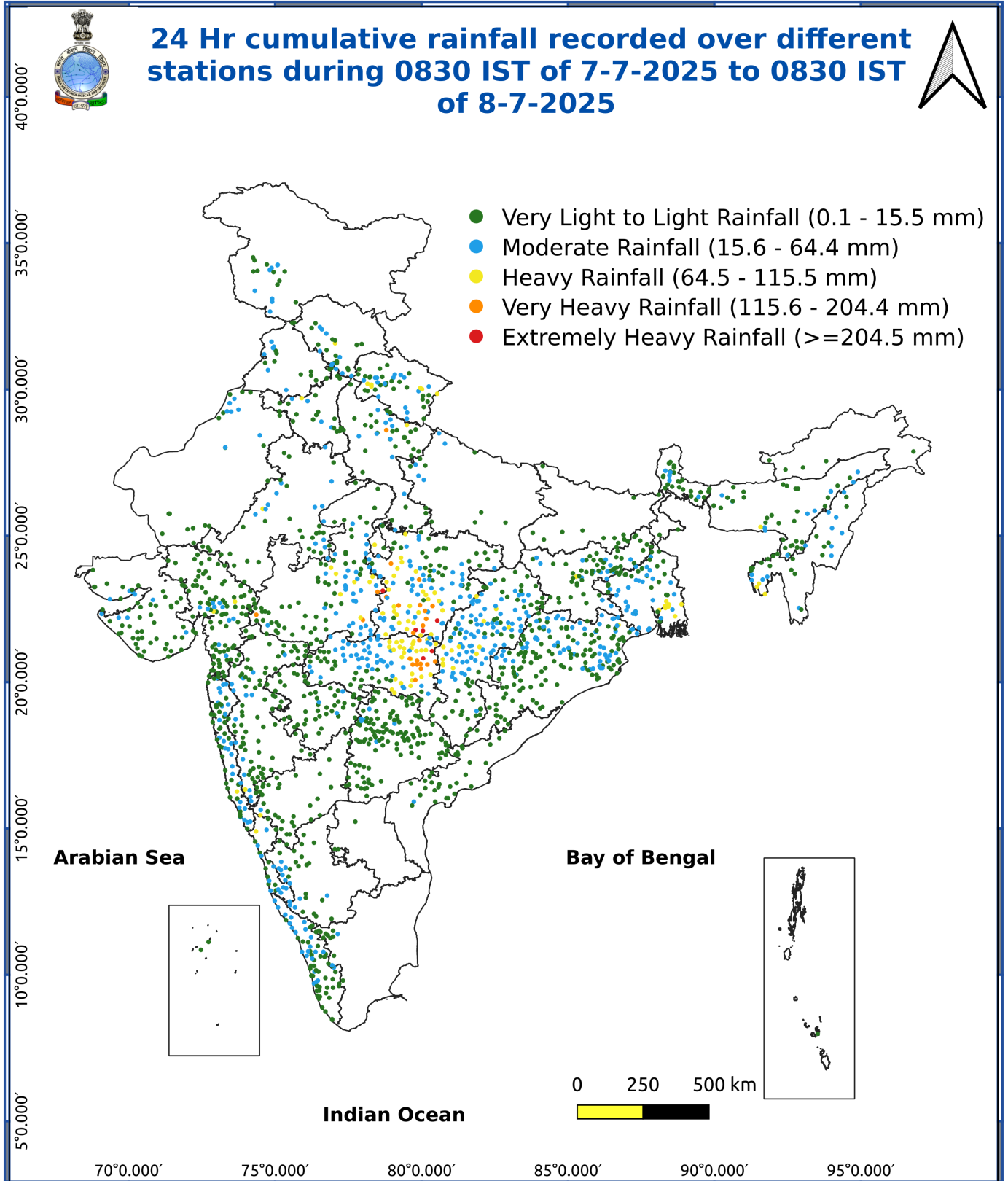


Fig. 3: Minimum Temperatures Dated 2025-07-09

Fig. 4: Departure of Minimum Temp. Dated 2025-07-09





Impact & Action Suggested due to heavy to very heavy rainfall

Very heavy rainfall over Konkan & Goa, Ghat areas of Madhya Maharashtra on 09th; Vidarbha, Chhattisgarh on 09th; Madhya Pradesh during 09th-11th; East Rajasthan on 11th & 12th 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 **East Madhya Pradesh**, postpone sowing of maize and soybean and transplanting of rice. Drain out excess water from rice nurseries and transplanted rice fields, fields of already sown maize and soybean. In **West Madhya Pradesh**, drain out excess water from fields of maize, soybean and vegetables and fruit orchards to avoid waterlogging. Postpone sowing of soybean in **Satpura Plateau Zone** and **Gird Zone** and sowing of rice nurseries in **Central Narmada Valley Zone**.
- In **Chhattisgarh**, ensure proper drainage in rice nurseries, fields of rice, maize, pigeon pea, minor millets and vegetables. Postpone line sowing / transplanting of rice and sowing of pigeon pea, maize and soybean in **Plain Zone** and sowing of pigeon pea in **North Hill Zone**.
- In **Uttarakhand**, ensure proper drainage facilities in soybean, maize, barnyard millet, finger millet, pigeon pea, kidney beans, vegetables and orchards. Harvest matured vegetables and fruits and store in safe place.
- In **Himachal Pradesh**, drain out excess water from the fields of maize and vegetables and fruit orchards. Harvest matured fruits and vegetables and store them in safer places. In **High Hills Sub Temperate Wet Zone**, postpone sowing of kidney beans and nursery sowing and transplanting of rice.
- In **East Rajasthan**, drain out excess water from the fields of cotton, soybean, groundnut and green gram. Postpone sowing of maize in **Southern Humid Plain Zone**, sowing or re-sowing of sesame, green gram and pearl millet in **Flood Prone Eastern Plain Zone** and sowing of green gram, cluster bean, pearl millet and sesame in **Sub Humid Southern Plain and Aravali Hill Zone** till cessation of heavy rainfall.
- In **Konkan**, make arrangement to drain out excess water from rice and finger millet nurseries, groundnut, vegetables and orchards. In **ghat areas** of **Madhya Maharashtra** drain out excess water from rice and finger millet nurseries. In **Vidarbha**, ensure proper drainage in *kharif* crops such as rice, soybean, cotton etc., vegetable nurseries and orchards.
- In **Gujarat region**, drain out excess water from rice nurseries, sugarcane fields, banana and mango plantations to prevent waterlogging. Provide support to sugarcane with strong bamboo or tie the leaves together to prevent lodging. In **Saurashtra & Kutch**, drain out excess water from fields of groundnut, soybean, cotton and vegetables and horticultural plantations. Undertake propping in sugarcane with strong bamboo or tie the

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leaves together in a clump to protect against wind and heavy rain.

- In **Odisha**, ensure proper drainage from already sown rice nurseries, fields of maize and vegetables to prevent waterlogging. Harvest matured vegetables and fruits and keep in safer places. In **West Central Table Land Zone**, postpone sowing of pigeon pea and groundnut. In case of poor germination / no germination in maize crop due to waterlogged condition, carry out re-sowing during favourable weather.
- In **Gangetic West Bengal**, ensure proper drainage from rice, jute and vegetable fields. In **New Alluvial Zone**, harvest matured sesame and groundnut crop immediately and keep in safer places.
- In **Jharkhand**, make necessary arrangements to drain out excess water from maize fields, rice and vegetable nurseries. Cover the vegetable nurseries with polythene sheets.

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 चंडिगढ़ 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 मराठावाडा
- 26 विदर्भ
- 27 छत्तीसगढ़
- 28 तटीय आंध्र प्रदेश एवं चन्नम
- 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 | Very Heavy Rain | Extremely Heavy Rain | Heavy Snow |
| Thunderstorm & Lightning | Hailstorm | Dust Storm | Dust Raising Winds |
| Strong surface winds | Heat Wave | Hot Day | Warm Night |
| Cold Wave | Cold Day | Ground Frost | Fog |
| Hot & Humid | | | |

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LEGENDS

WARNING

| |
|-------------------------|
| WARNING (TAKE ACTION) |
| ALERT (BE PREPARED) |
| WATCH (BE UPDATED) |
| NO WARNING (NO ACTION) |

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°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 $\geq 37^{\circ}\text{C}$



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 $> 6.4^{\circ}\text{C}$.



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 $\leq 15^{\circ}\text{C}$



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 $\leq -6.5^{\circ}\text{C}$



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 atleast 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)

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