

2025-07-06

Time of Issue: 14:00:00 hours IST
(Mid-Day)

ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN

Significant Weather Features

East & Central India:

- ✓ Isolated **heavy rainfall** over Odisha during 06th-12th July, Chhattisgarh during 06th-09th, Vidarbha, Sub-Himalayan West Bengal & Sikkim during 06th-10th, Gangetic West Bengal, Jharkhand on 06th & 07th, with **very heavy rainfall** over Vidarbha during 06th-08th, Odisha on 07th, Gangetic West Bengal, Jharkhand on 06th July.
- ✓ **Extremely heavy rainfall (≥21 cm)** very likely at isolated places over Odisha on 06th July, Chhattisgarh on 06th & 07th, Vidarbha on 07th.
- ✓ Isolated **heavy to very heavy rainfall** very likely to continue over Madhya Pradesh during 06th-10th July with **Extremely heavy rainfall (≥21 cm)** at isolated places over West Madhya Pradesh on 08th & 09th, East Madhya Pradesh on 07th & 08th 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 with intense lightning over East Madhya Pradesh on 06th July.

Northwest India:

- ✓ Isolated **heavy rainfall** likely over Uttarakhand, East Rajasthan during 06th-12th, Jammu-Kashmir, Himachal Pradesh, Punjab, Haryana Chandigarh, West Uttar Pradesh during 06th-10th, East Uttar Pradesh on 06th, West Rajasthan on 09th & 10th July with **very heavy rainfall over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad on 06th, Himachal Pradesh, Uttarakhand, Haryana Chandigarh on 06th & 07th, Punjab during 06th-08th, East Rajasthan during 07th-09th July.**
- ✓ **Extremely heavy rainfall (≥21 cm)** very likely at isolated places over Himachal Pradesh on 06th, East Rajasthan on 09th 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 to very heavy rainfall** likely at isolated places over Konkan & Goa, Ghat areas of Madhya Maharashtra, Gujarat region during next 6 days; Saurashtra & Kutch on 06th & 07th and **heavy rainfall** over Marathwada during 06th-08th July.
- ✓ **Extremely heavy rainfall (≥21 cm)** very likely at isolated places over Konkan & Goa on 06th, Ghat areas of Madhya Maharashtra 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 Nagaland, Manipur, Mizoram & Tripura on 06th & 12th, Assam & Meghalaya on 12th July.

South Peninsular India:

- ✓ Isolated **heavy rainfall** likely over South Interior Karnataka on 06th, Kerala & Mahe on 06th and during 09th-12th; Coastal Karnataka during 06th-10th, Telangana on 07th & 08th July **with very heavy rainfall** over Telangana on 08th 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, Telangana and Rayalaseema during next 7 days.

Hot & Humid Weather warning:

- ❖ **Hot & humid weather** is likely to prevail over Tamil Nadu, Puducherry & Karaikal during 06th-09th July.



Main Weather Observations:

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

❖ **Significant rainfall recorded(in cm)** (from 0830 hours IST of yesterday to 0830 hours IST of today): **Odisha:** Deogaon (dist Jharsuguda) 31; Bamra (dist Sambalpur) 28; Laikera (dist Jharsuguda) 27; Kirmira (dist Jharsuguda) 25; Kolabira (dist Jharsuguda) 23; Kuchinda (dist Sambalpur) 22; Sundargarh (dist Sundargarh) 21; Jharsuguda (dist Jharsuguda) 20; Banspal (dist Keonjhar) 18 Each; Lakhanpur (dist Jharsuguda), Tangarpali (dist Sundargarh) 12 Each; Telkoi (dist Keonjhar) 11; Tensa (dist Sundargarh), Gurundia (dist Sundargarh) 10 Each; Pallahara (dist Angul) 9; Banaigarh (dist Sundargarh), Ambabhona (dist Bargarh) 8 Each; Dhankauda (dist Sambalpur) 7; **East Rajasthan:** Chothkabarwara SR (dist Sawai Madhopur) 21; Bonli (dist Sawai Madhopur), Sawaimadhopur Tesil SR (dist Sawai Madhopur) 13 Each; Girva SR (dist Udaipur) 9; **Konkan & Goa:** Jawhar (dist Palghar) 19; Mokheda - Fmo (dist Palghar), Vikramgad (dist Palghar) 18 Each; Matheran (dist Raigad) 12; Sawantwadi (dist Sindhudurg), Savarde-arg (dist Ratnagiri) 10 Each; Kankavli (dist Sindhudurg) 8; Murbad (dist Thane), Awalegaon - ARG (dist Sindhudurg), Dodamarg (dist Sindhudurg), Sangameshwar Devrukh (dist Ratnagiri) 7 Each; **Gujarat Region:** Vyara (dist Tapi) 19; Bhiloda (dist Aravalli) 17; Dolvan (dist Tapi) 16; Songadh (dist Tapi) 15; Valod (dist Tapi), Palsana (dist Surat) 14 Each; Bardoli (dist Surat) 13; Silvassa (dist Dadara & Nagar Haveli), Ukai (dist Surat) 12 Each; Chikhli (dist Navsari), Mahuva (dist Surat), Kaprada (dist Valsad) 11 Each; Surat City (dist Surat), Jetpur Pavi (dist Chhota Udepur), Khergam (dist Navsari), Waghai (dist Dangs), Vansda (dist Navsari), Gandevi (dist Navsari), Dangs (ahwa) (dist Dangs), Dediapada (dist Narmada) 10 Each; Dharampur (dist Valsad), Kamrej (dist Surat) 9 Each; Navsari (dist Navsari), Hansot (dist Bharuch), Umerpada (dist Surat), Jalalpor (dist Navsari), Surat AWS (dist Surat), Navasari AWS (dist Navsari), Subir (dist Dangs), Dang Kvk AWS (dist Dangs) 8 Each; Vyara AWS (dist Tapi), Mahudha (dist Kheda), Valia (dist Bharuch), Unjha (dist Mehsana), Mandvi (dist Surat), Madhbun (dist Dadara & Nagar Haveli), Vadodara (dist Vadodara) 7 Each; **West Madhya Pradesh:** Bankhedi (dist Narmadapuram) 18; Godadongri (dist Betul), Kathiwada (dist Alirajpur) 8 Each; Dabra (dist Gwalior), Pachmarhi (dist Narmadapuram), Shahpur (dist Betul) 7 Each; **Sub Himalayan West Bengal & Sikkim:** Kumargram (dist Alipurduar) 18; **Chhattisgarh:** Ambikapur (dist Surguja) 17; Wandrafanagar (dist Balrampur) 10; Premnagar (dist Surajpur), Latori (dist Surajpur), Bhatgaon (dist Surajpur) 9 Each; Bilaspur (dist Bilaspur), Raigarh (dist Raigarh), Kusmi (dist Balrampur), Malkharoda (dist Sakti), Samari (dist Balrampur), Bhaisma (dist Korba) 8 Each; Katghora (dist Korba), Lundra (dist Surguja), Bilaigarh (dist Sarangarh Bilaigarh), Pusaur (dist Raigarh), Baramkela (dist Sarangarh Bilaigarh), Odagi (dist Surajpur), **Biharpur** (dist Surajpur), Bhatgaon (dist Sarangarh Bilaigarh) 7 Each; **East Madhya Pradesh:** Jaitpur (dist Shahdol) 17; Mauganj (dist Rewa), Junnardeo (dist Chindwara) 12 Each; Patan (dist Jabalpur), Gohparu (dist Shahdol) 9 Each; Sausar (dist Chindwara), Venkatnagar (dist Anuppur) 8 Each; Khajuraho AP (dist Chhatarpur), Tendukheda (dist Narsinghpur), Shahdole(sohagpur) (dist Shahdol), Tendukheda (dist Damoh), Shahpura (dist Dindori), Tamia (dist Chindwara), Bilhari (dist Katni) 7 Each; **Madhya Maharashtra:** Ozarkheda - Fmo (dist Nashik) 14; Harsul - Fmo (dist Nashik) 13; Lonavala ARG (dist Pune) 11; Mahabaleshwar (dist Satara), Igatpuri (dist Nashik) 9 Each; Radhanagari (dist Kolhapur), Shahuwadi (dist Kolhapur) 8 Each; Dindori (dist Nashik), Trimbakshwar (dist Nashik) 7 Each; **Kerala & Mahe:** Panathur AWS (dist Kasargod) 11; Taliparamba (dist Cannur) 8; Ayyankunnu AWS (dist Cannur), Muliya AWS (dist Kasargod) 7 Each; **Himachal Pradesh:** Nagrota Surian (dist Kangra) 10; Una (dist Una) 7; **West Rajasthan:** Suratgarh (dist Sri Ganganagar) 9; Sujargarh (dist Churu) 7; **Jharkhand:** Chandwa (dist Latehar) 9; Jamshedpur (dist East Singhbhum) 8; **Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad:** Jammu AWS (dist Jammu), Jammu (dist Jammu) 9 Each; Katra (dist Reasi) 8; Reasi ARG (dist Reasi) 7; **Saurashtra & Kutch:** Dwarka (dist Devbhoomi Dwarka) 9; Kalyanpur (dist Devbhoomi Dwarka) 8; **South Interior Karnataka:** Bhagamandala (dist Kodagu) 9; **Coastal Karnataka:** Gokarna (dist Uttara Kannada), Sulya (dist Dakshina Kannada) 9 Each; Udupi (dist Udupi), Castle Rock (dist Uttara Kannada), Manki (dist Uttara Kannada), Kadra (dist Uttara Kannada), Puttur HMS (dist Dakshina Kannada) 8 Each; **Nagaland, Manipur, Mizoram & Tripura:** Mokochang (dist Mokochang) 9; Chottabekra (dist Imphal West) 8; **Assam & Meghalaya:** Bhumuraguri (dist Shonitpur), Goalpara AWS (dist Goalpara) 8 Each; Goalpara PTO (dist Goalpara), Goalpara CWC (dist Goalpara) 7 Each; **East Uttar Pradesh:** Attarra (dist Banda) 7; **Gangetic West**

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Bengal: Manteswar (dist Purba Bardhaman) 7.

❖ **Heavy Rainfall observed** (from 0830 hours IST of yesterday to 0830 hours IST of today): **Extremely heavy rain** at isolated places over Odisha and East Rajasthan. **Heavy to very heavy rain** at isolated places over Sub Himalayan West Bengal & Sikkim, Odisha, East Rajasthan, West Madhya Pradesh, East Madhya Pradesh, Gujarat Region, Konkan & Goa, Madhya Maharashtra and Chhattisgarh. **Heavy rain** at isolated places over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Gangetic West Bengal, Jharkhand, East Uttar Pradesh, Himachal Pradesh, Jammu-Kashmir Ladakh-Gilgit-Baltistan-Muzaffarabad, West Rajasthan, Saurashtra & Kutch, Coastal Karnataka, South Interior Karnataka and Kerala & Mahe.

❖ **Minimum Temperature Departures (as on 06-07-2025): markedly above normal(> 5.1°C)** at few places over Jammu-Kashmir Ladakh-Gilgit-Baltistan-Muzaffarabad; at isolated places over Assam & Meghalaya, Bihar, East Uttar Pradesh, West Uttar Pradesh, Himachal 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, Gangetic West Bengal, Uttarakhand, West Rajasthan and Saurashtra & Kutch. **above normal(1.6°C to 3.0°C)** at many places over Lakshadweep; at few places over Gujarat Region, Rayalaseema and Tamil Nadu, Puducherry & Karaikal; at isolated places over Odisha, Haryana-Chandigarh-Delhi, Konkan & Goa, Madhya Maharashtra and Coastal Andhra Pradesh & Yanam. **near normal(-1.5°C to 1.5°C)** at many places over East Rajasthan, Telangana, Coastal Karnataka and Kerala & Mahe; at most places over Arunachal Pradesh, Nagaland, Manipur, Mizoram & Tripura, Jharkhand, Punjab, Marathwada, Vidarbha, Chhattisgarh, North Interior Karnataka and South Interior Karnataka. **The lowest minimum temperature** of 18.0°C is reported at KHANDWA (MADHYA PRADESH), and MATHERAN (MAHARASHTRA) over the Plains of India.

❖ **Maximum Temperature Departures (as on 05-07-2025): markedly above normal(> 5.1°C)** at few places over Jammu-Kashmir Ladakh-Gilgit-Baltistan-Muzaffarabad; at isolated places over Odisha. **appreciably above normal(3.1°C to 5.0°C)** at isolated places over Assam & Meghalaya, Himachal Pradesh and Tamil Nadu, Puducherry & Karaikal. **above normal(1.6°C to 3.0°C)** at few places over Kerala & Mahe and Lakshadweep; at isolated places over Nagaland, Manipur, Mizoram & Tripura, Sub Himalayan West Bengal & Sikkim, Bihar, West Rajasthan and Coastal Andhra Pradesh & Yanam. **near normal(-1.5°C to 1.5°C)** at many places over Andaman & Nicobar Islands, Konkan & Goa, Marathwada, Rayalaseema and Coastal Karnataka; at most places over Arunachal Pradesh, East Uttar Pradesh, Haryana-Chandigarh-Delhi, Punjab, Telangana and North Interior Karnataka; at few places over Gangetic West Bengal, West Uttar Pradesh, Uttarakhand, Madhya Maharashtra and South Interior Karnataka; at isolated places over East Rajasthan, Saurashtra & Kutch, Vidarbha and Chhattisgarh. **The highest maximum temperature** of 42.4°C is reported at SRIGANGANAGAR (RAJASTHAN).

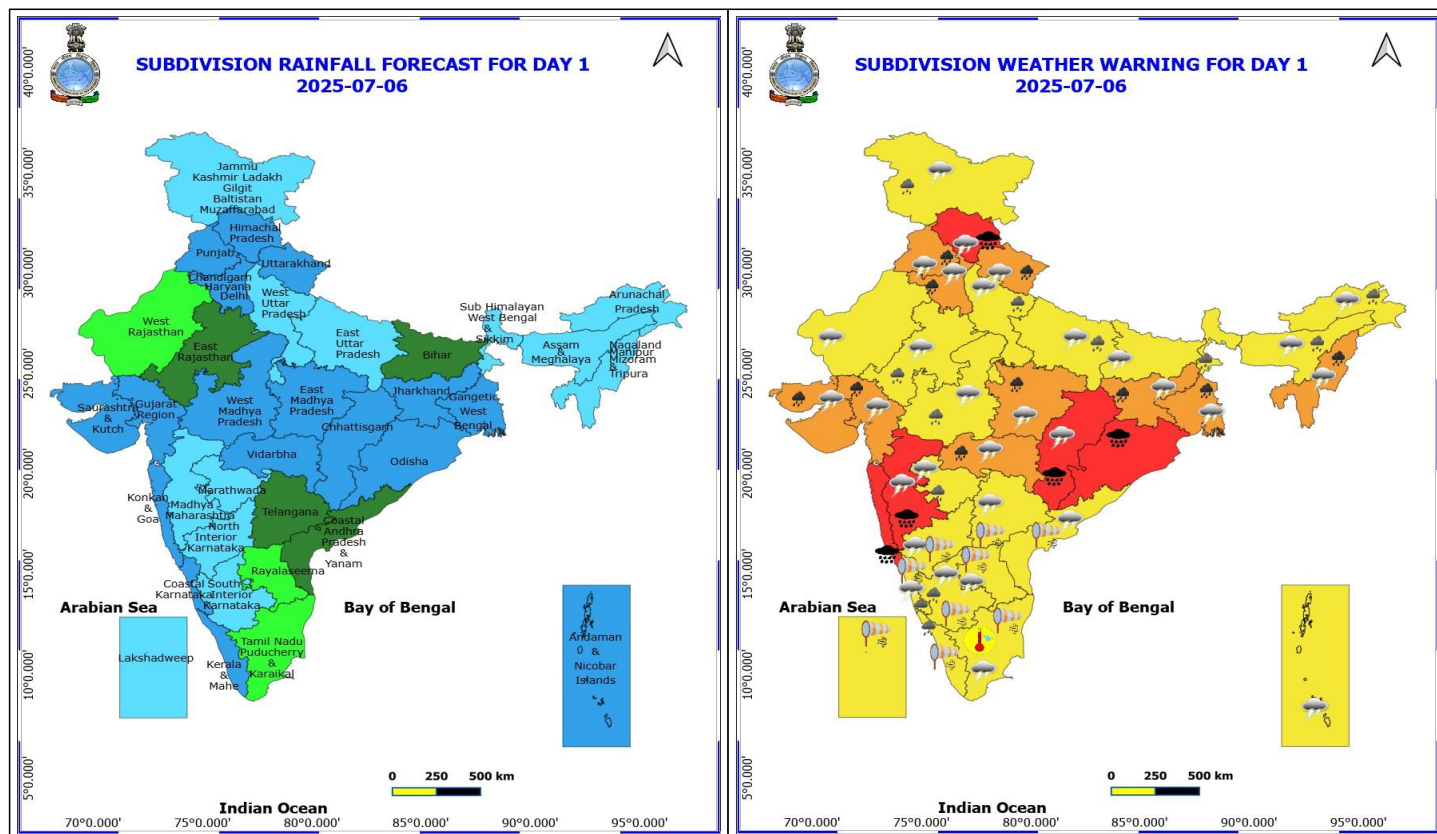


Meteorological Analysis (Based on 0830 hours IST)

- ♦ The **monsoon trough** at mean sea level continues to pass through Suratgarh, Sirsa, Delhi, Lucknow, Varanasi, Daltonganj, Bankura, Digha and thence southeastwards to northeast Bay of Bengal.
- ♦ The **upper air cyclonic circulation** over Himachal Pradesh & adjoining Punjab at 1.5 km above mean sea level persists.
- ♦ Under the influence of the **cyclonic circulation** over Gangetic West Bengal & adjoining north Odisha, a **Low Pressure area** formed over the Gangetic West Bengal & neighbourhood at 0830 hrs IST of today, the 06th July 2025. The associated cyclonic circulation extended upto 7.6 km above mean sea level titling southwestwards with height. It is likely to move slowly west-northwestwards across Jharkhand and north Chhattisgarh during next 2-3 days.
- ♦ The **trough** now runs from northeast Arabian Sea to the above cyclonic circulation associated with the **Low Pressure area** over the Gangetic West Bengal & neighbourhood across north Gujarat, central Madhya Pradesh, north Chhattisgarh, south Jharkhand between 3.1 km & 5.8 km above mean sea level tilting southwards with height.
- ♦ The **upper air cyclonic circulation** over northeast Assam now lies over Nagaland & adjoining Myanmar and extends upto 1.5 km above mean sea level.
- ♦ The **off-shore trough** now runs from south Gujarat to south Karnataka coasts at mean sea level.

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.



6 July (Day 1)

- ❖ **Heavy to Very Heavy Rainfall with isolated Extremely Heavy Rainfall** very likely at isolated places over Chhattisgarh, Himachal Pradesh, Konkan & Goa, Madhya Maharashtra and Odisha.
- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over East Madhya Pradesh, Gangetic West Bengal, Gujarat State, Haryana, Chandigarh & Delhi, Jharkhand, Nagaland, Manipur, Mizoram and Tripura, Punjab, Uttarakhand and Vidarbha.
- ❖ **Heavy Rainfall** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Coastal Karnataka, East Rajasthan, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Kerala & Mahe, Marathwada, South Interior Karnataka, Sub Himalayan West Bengal & Sikkim, Uttar Pradesh and West Madhya Pradesh.
- ❖ **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, West Madhya Pradesh and West Rajasthan.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Andhra Pradesh, Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, East Madhya Pradesh, East Rajasthan, Gujarat State, Haryana, Chandigarh & Delhi, Himachal Pradesh, Karnataka, 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 Andhra Pradesh, Karnataka, Kerala & Mahe, Lakshadweep, Tamil Nadu Puducherry & Karaikal and Telangana.
- ❖ **Hot and Humid weather** very likely at isolated places over Tamil Nadu Puducherry & Karaikal.
- ❖ **Squally wind speed reaching 45 kmph to 55 kmph gusting to 65 kmph** is likely to prevail along and off

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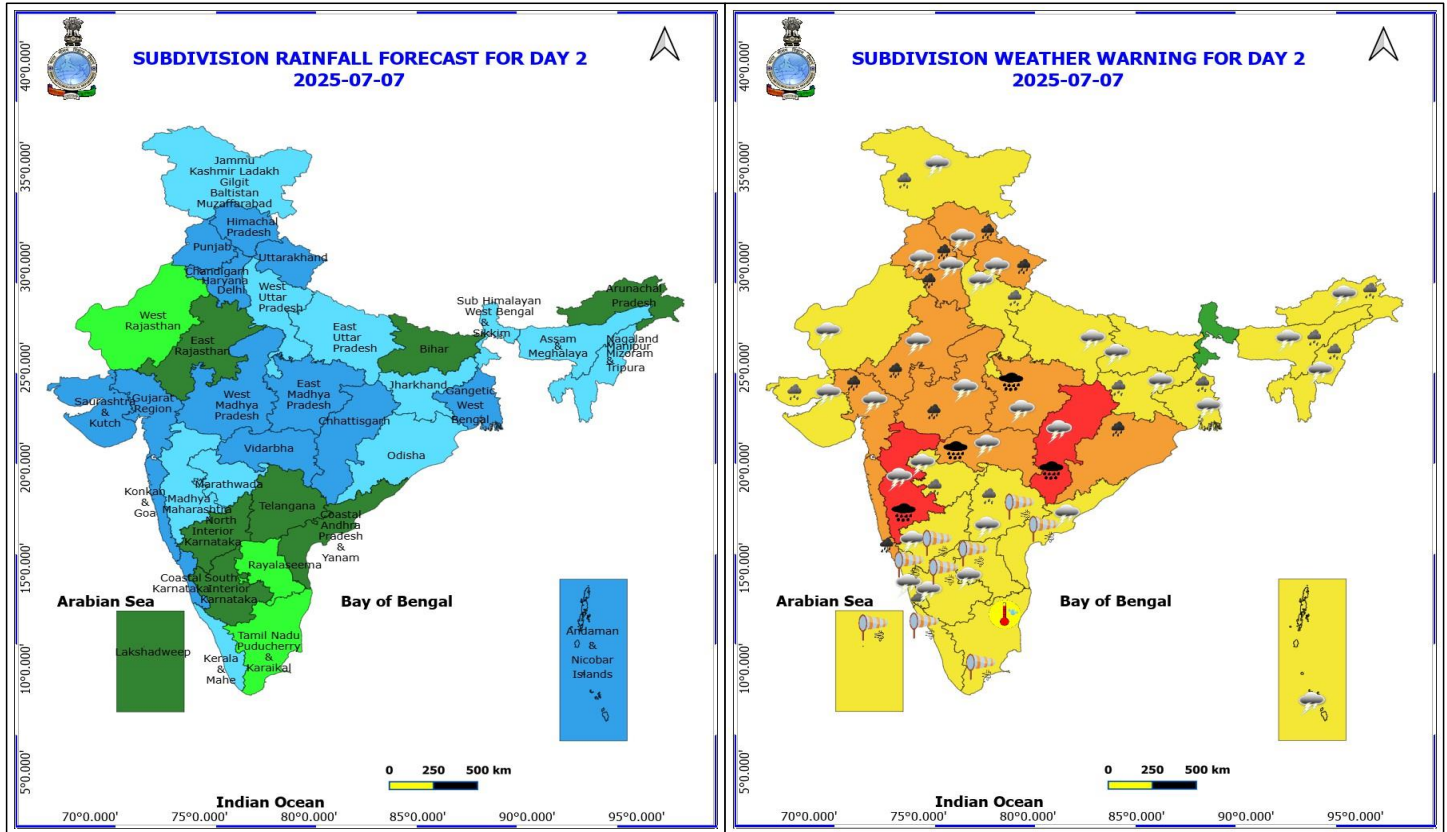
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Somalia, Oman & adjoining Yemen coasts, most parts of westcentral Arabian Sea & adjoining, many parts of eastcentral Arabian Sea, northern parts of southwest Arabian Sea, over Gulf of Mannar.

- **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 most parts of central Bay of Bengal & adjoining some parts of southwest Bay of Bengal, most parts of northwest Bay of Bengal, off Tamil Nadu, south Andhra Pradesh coast, along and off north Andhra Pradesh, Odisha, West Bengal coasts.



7 July (Day 2)

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

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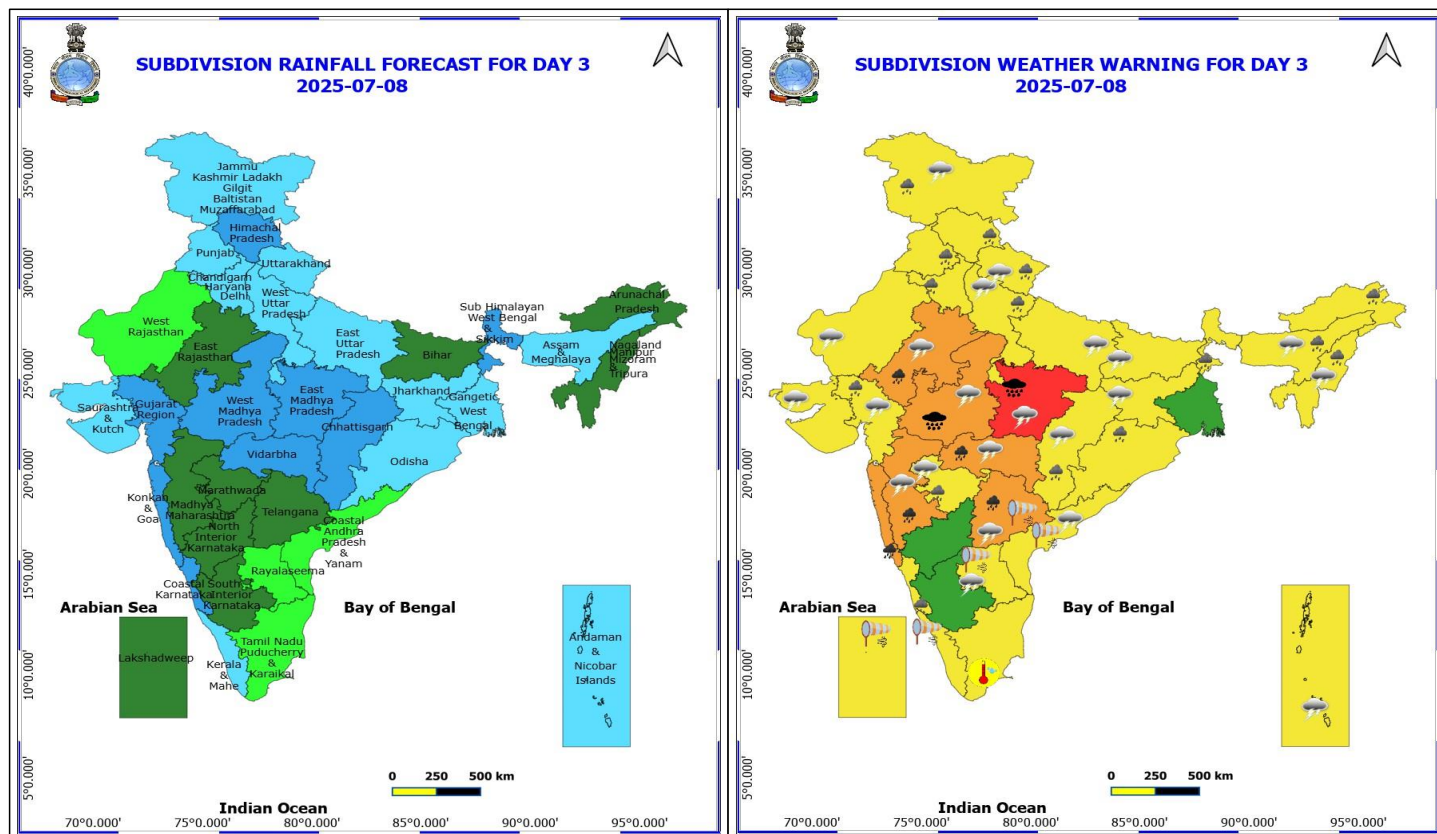
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eastcentral Arabian Sea, northern parts of southwest Arabian Sea, Gulf of Mannar.

- **Squally weather with wind speed 40 - 50 kmph gusting to 60 kmph** likely to prevail along and off Gujarat, Konkan, Goa coasts & adjoining north Karnataka coast and adjoining sea areas, over southern parts of northeast Arabian Sea, over most parts of westcentral Bay of Bengal & adjoining few parts of eastcentral Bay of Bengal, over most parts of northwest Bay of Bengal, along and off north Andhra Pradesh, Odisha, West Bengal coasts.



8 July (Day 3)

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

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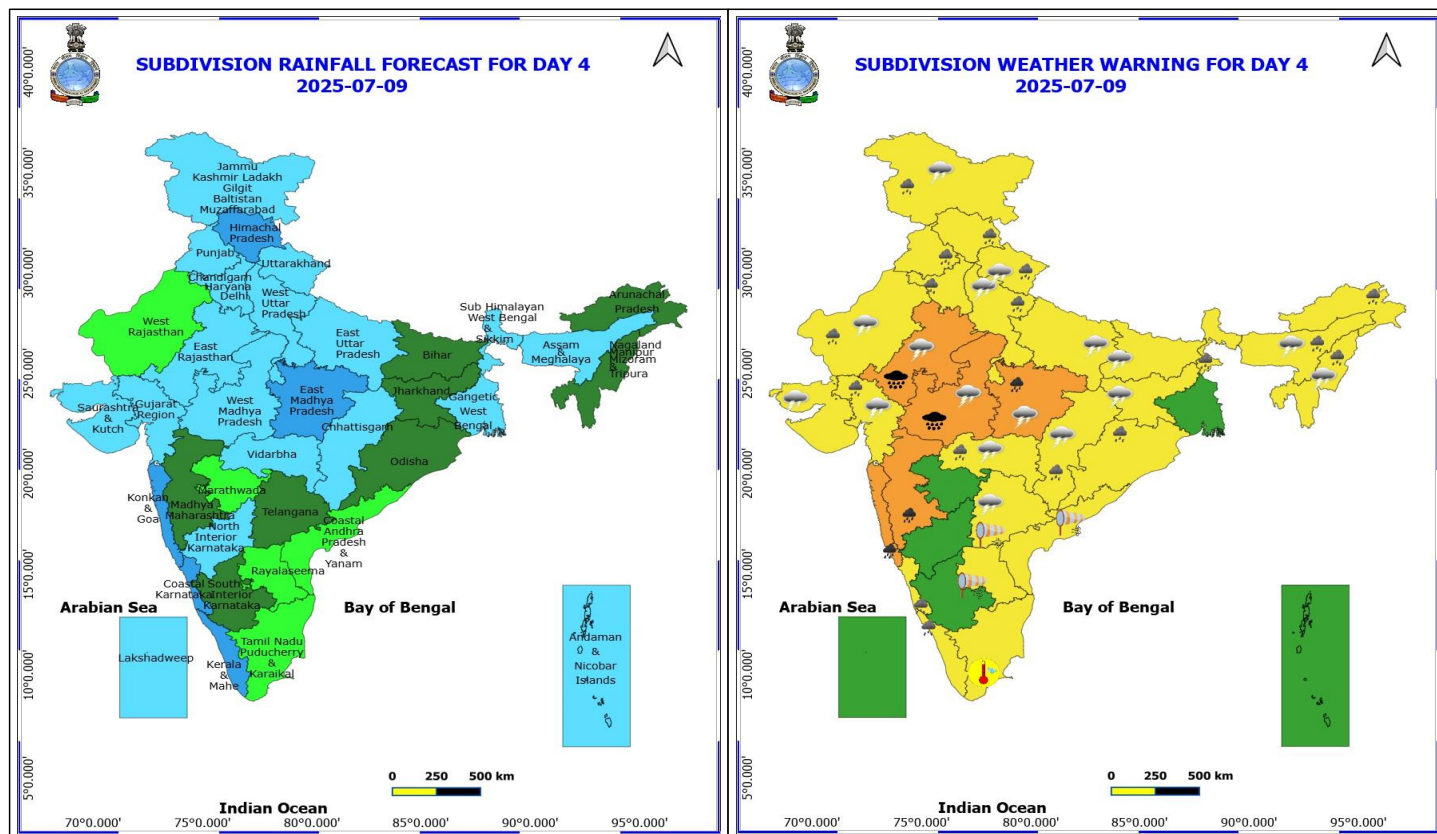
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- **Squally weather with wind speed 40 - 50 kmph gusting to 60 kmph** likely to prevail along and off Gujarat & adjoining north Gujarat coast, Konkan, Goa coasts & adjoining north Karnataka coasts and adjoining sea areas, over some southern parts of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



9 July (Day 4)

- ❖ **Heavy to Very Heavy Rainfall with isolated Extremely Heavy Rainfall** likely at isolated places over East Rajasthan and West Madhya Pradesh.
- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over East Madhya Pradesh, Konkan & Goa and Madhya Maharashtra.
- ❖ **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, Nagaland, Manipur, Mizoram and Tripura, Odisha, Punjab, Sub Himalayan West Bengal & Sikkim, Uttarakhand, Vidarbha, West Rajasthan and West Uttar Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Bihar, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and West Rajasthan.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Assam & Meghalaya, Chhattisgarh, East Rajasthan, Gujarat State, Jharkhand, Madhya Pradesh, Nagaland, Manipur, Mizoram and Tripura, Telangana, Uttar Pradesh, Uttarakhand and Vidarbha.
- ❖ **Strong Surface Winds** likely at isolated places over Andhra Pradesh and Telangana.
- ❖ **Hot and Humid weather** likely at isolated places over 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.
- **Squally weather with wind speed 40 - 50 kmph gusting to 60 kmph** likely to prevail along and off Gujarat

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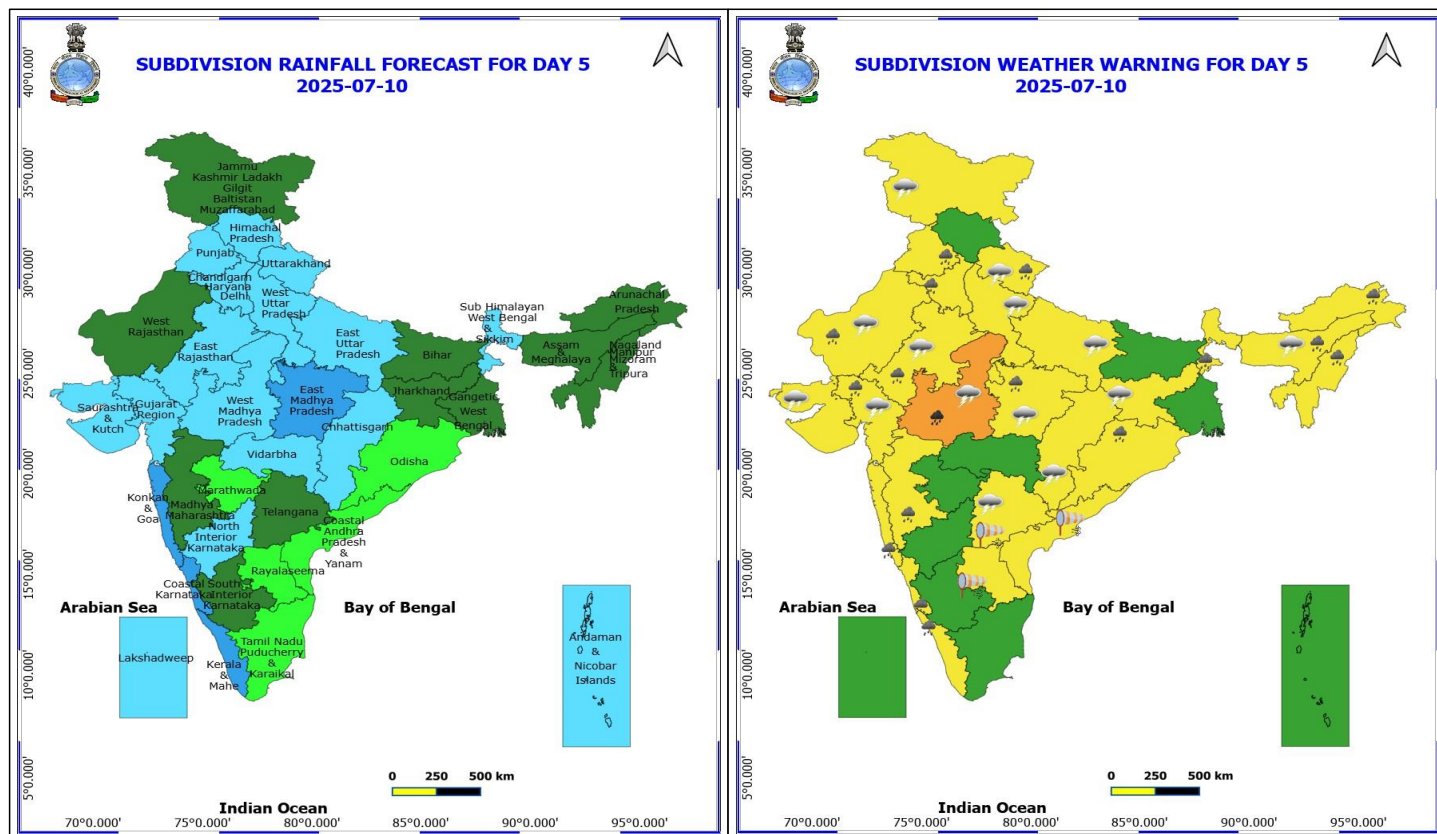
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& adjoining north Gujarat coast, Konkan, Goa coasts & adjoining north Karnataka coasts and adjoining sea areas, over some southern parts of northeast Arabian Sea, over some parts of westcentral Bay of Bengal, along and off north Andhra Pradesh coast.



10 July (Day 5)

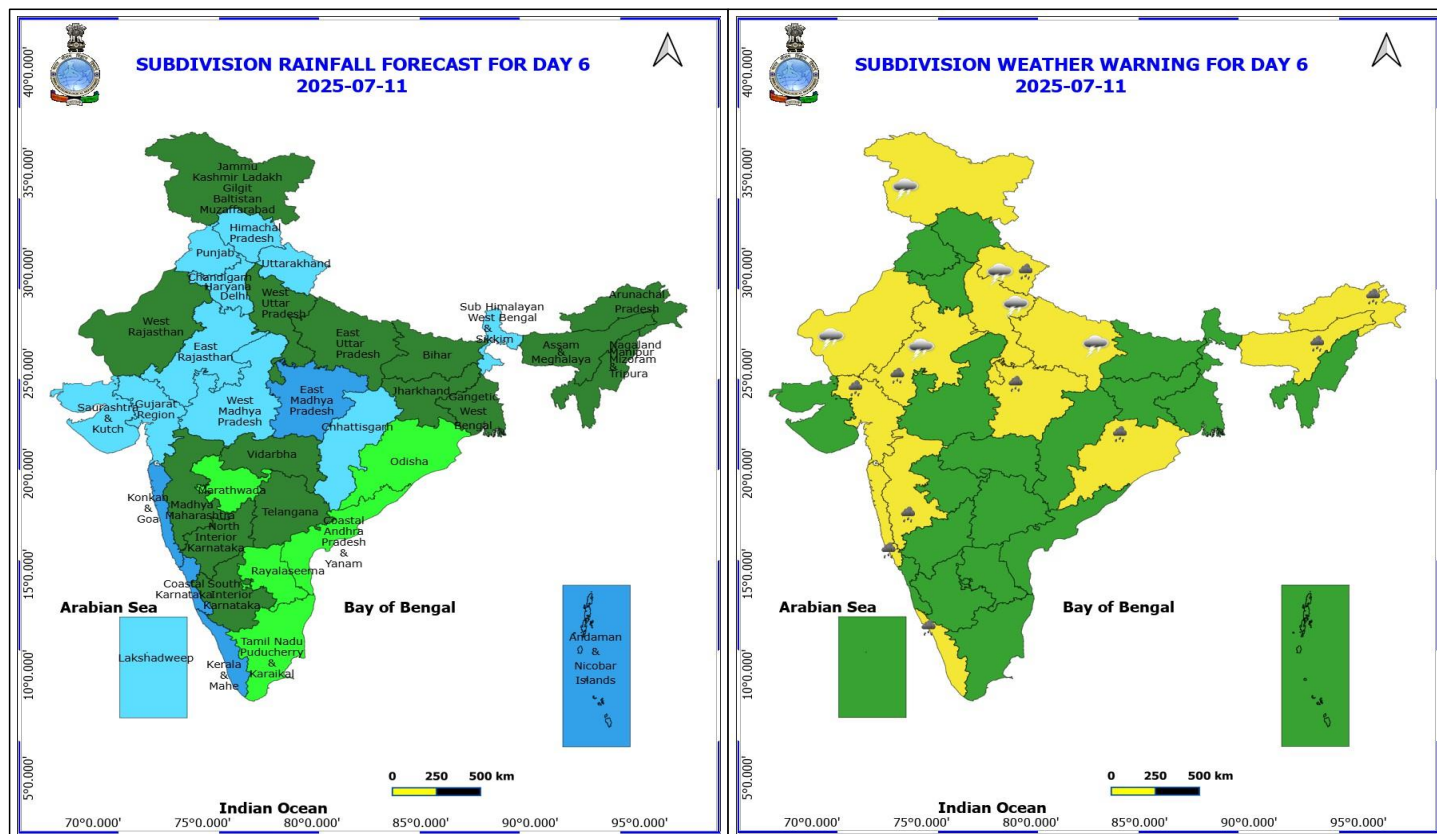
- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over West Madhya Pradesh.
- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Coastal Karnataka, East Madhya Pradesh, Gujarat Region, Haryana, Chandigarh & Delhi, Kerala & Mahe, Konkan & Goa, Madhya Maharashtra, Nagaland, Manipur, Mizoram and Tripura, Odisha, Punjab, 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 West Rajasthan.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Assam & Meghalaya, Chhattisgarh, East Rajasthan, Gujarat State, Jharkhand, Madhya Pradesh, Telangana, Uttar Pradesh and Uttarakhand.
- ❖ **Strong Surface Winds** likely at isolated places over Andhra Pradesh 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 & adjoining north Gujarat coast, Konkan coasts & adjoining sea areas, over some southern parts of northeast Arabian Sea, over some parts of westcentral Bay of Bengal, over few southern parts of northwest Bay of Bengal.

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11 July (Day 6)

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

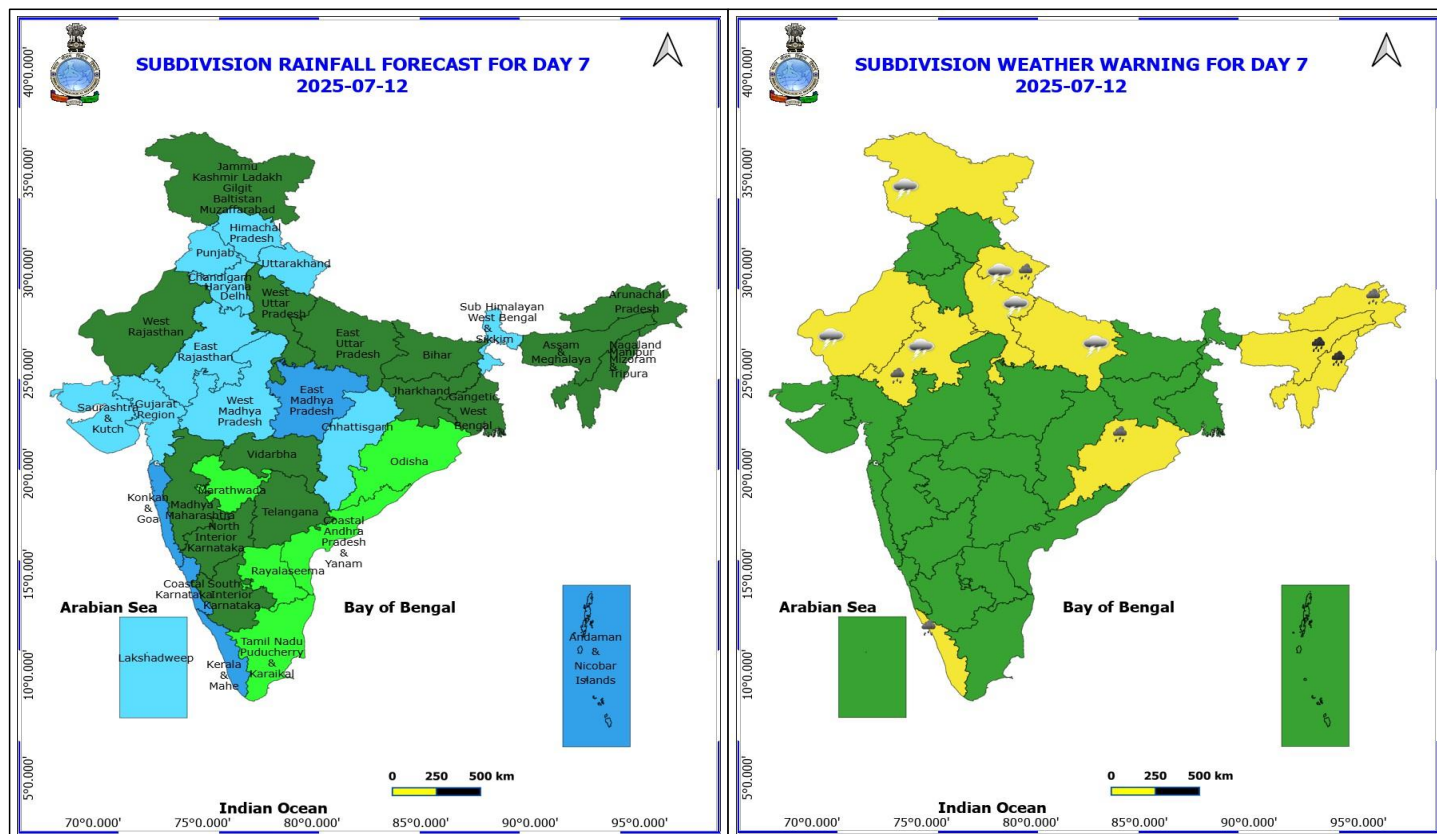
No Fishermen Warning

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12 July (Day 7)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over West Madhya Pradesh.
- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Coastal Karnataka, East Madhya Pradesh, Gujarat Region, Haryana, Chandigarh & Delhi, Kerala & Mahe, Konkan & Goa, Madhya Maharashtra, Nagaland, Manipur, Mizoram and Tripura, Odisha, Punjab, 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 West Rajasthan.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Assam & Meghalaya, Chhattisgarh, East Rajasthan, Gujarat State, Jharkhand, Madhya Pradesh, Telangana, Uttar Pradesh and Uttarakhand.
- ❖ **Strong Surface Winds** likely at isolated places over Andhra Pradesh and Telangana.

No Fishermen Warning

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Flash Flood Warnings

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

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

Haryana - Chandigarh & Delhi - Ambala, Fatehabad, Jind, Kaithal, Karnal, Kurukshetra, Panchkula and Yamunanagar districts.

Himachal Pradesh - Bilaspur, Chamba, Hamirpur, Kangra, Kullu, Mandi, Shimla, Sirmaur, Solan and Una districts.

Jammu & Kashmir & Ladakh - Doda, Kathua, Kistwar, Punch, Rajouri, Ramban, Riasi, Samba, Udhampur and Mirpur districts.

Punjab - Barnala, Fatehgarh Sahib, Firozpur, Gurdaspur, Hoshiarpur, Nawashahar, Ludhiana, Patiala, Rupnagar, Sangrur and Sas Nagar districts.

Uttarakhand - Almora, Bageshwar, Chamoli, Champawat, Dehradun, Haridwar, Nanital, Pauri Garhwal, Pithoragarh, Rudraprayag, Tehri Garwal and Uttarkashi 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 07-07-2025 :

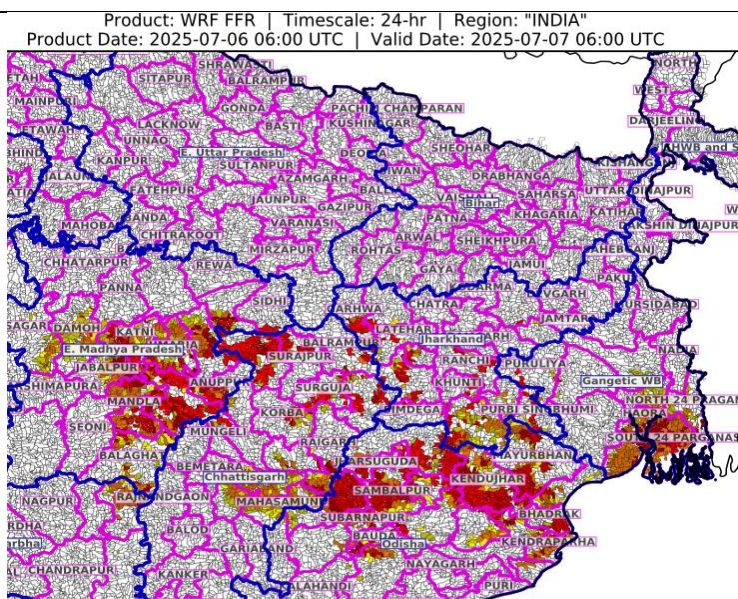
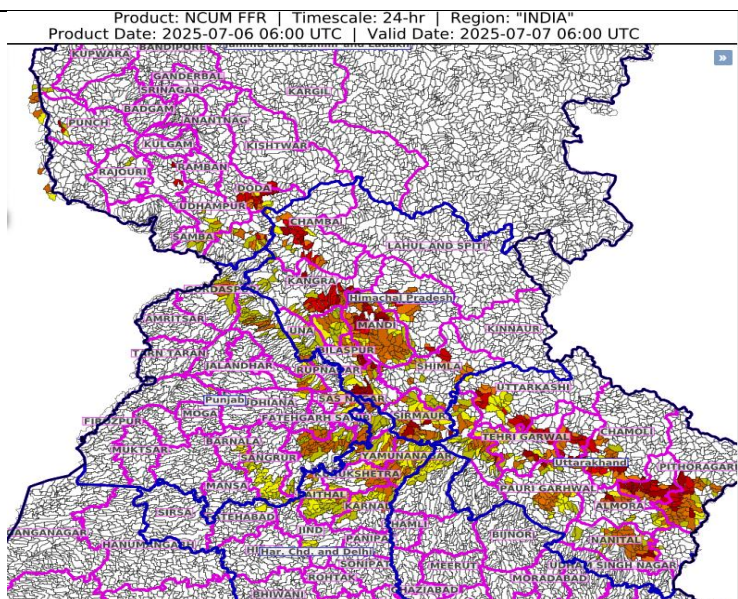
Moderate to High flash flood risk likely over few watersheds & neighbourhoods of following Met Sub-divisions during next 24 hours.

Chhattisgarh - Balarampur, Baloda Bazar, Bemetara, Bilaspur, Janjgir_Champa, Jashpur, Korba, Korea, Mahasamund, Mungeli, Raigarh, Raipur, Surajpur and Surguja districts.

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

Odisha - Anugul, Balangir, Baleshwar, Bauda, Bhadrak, Deogarh, Dhenkanal, Jagatsinghapur, Jajapur, Jharsuguda, Kalahandi, Kandhamal, Kendraparha, Kendujhar, Mayurbhanj, Sambalpur, Subarnapur and Sundargarh districts.

Gangetic West Bengal - Puruliya, Bankura, Bardaman, Nadia, North 24 Paragnas, South 24



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Paragnas, Hugli, Haora, Pashchim Mednipur and East Mednipur districts.

Jharkhand – Garhwa, palamu, Latehar, Lohardaga, Gumla, Simdega, Khunti, Ranchi, Pashchim Singhbhum, Purbi Singhbhum, Saraikela, Dhanbad, Giridih and Ramgarh 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 07-07-2025 :

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

Assam & Meghalaya - Cachar, Golaghat, Karbi Analog, N.C Hills, East Khasi Hills, West Jaintia Hills and Jaintia Hills districts.Nagaland Mizoram Manipur Tripura (NMMT) –

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

Mizoram – Aizawl, Champhai, Lawngtlai, Lunglei, Saiha and Serchhip districts.

Manipur – Bishnupur, Chandel, Churachandpur, Imphal East, Imphal West, Senapati, Tamenglong, Thoubal and Ukhrul 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.

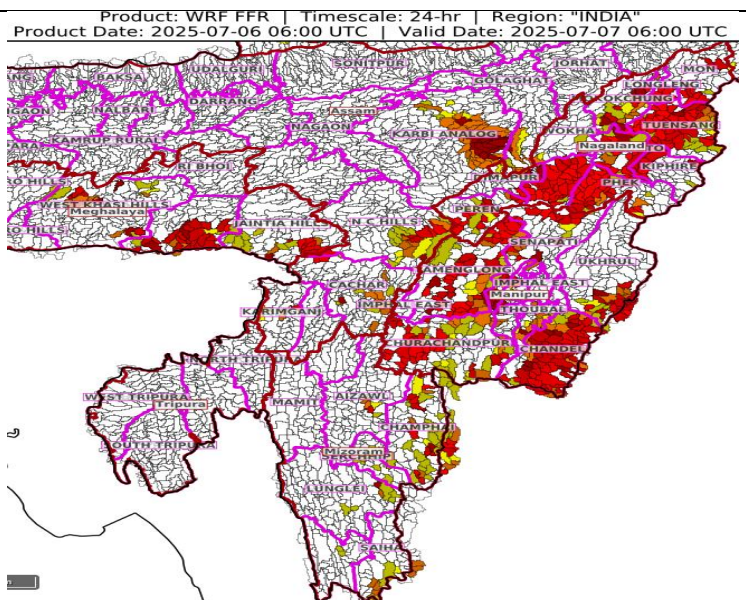




Table-1

7 Days Rainfall Forecast

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

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 2025-07-06

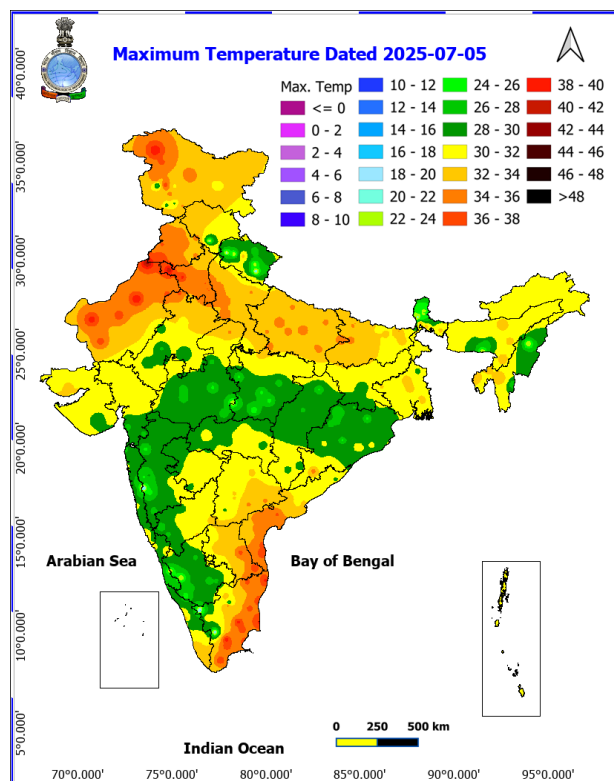


Fig. 2: Departure of Maximum Temp. Dated 2025-07-06

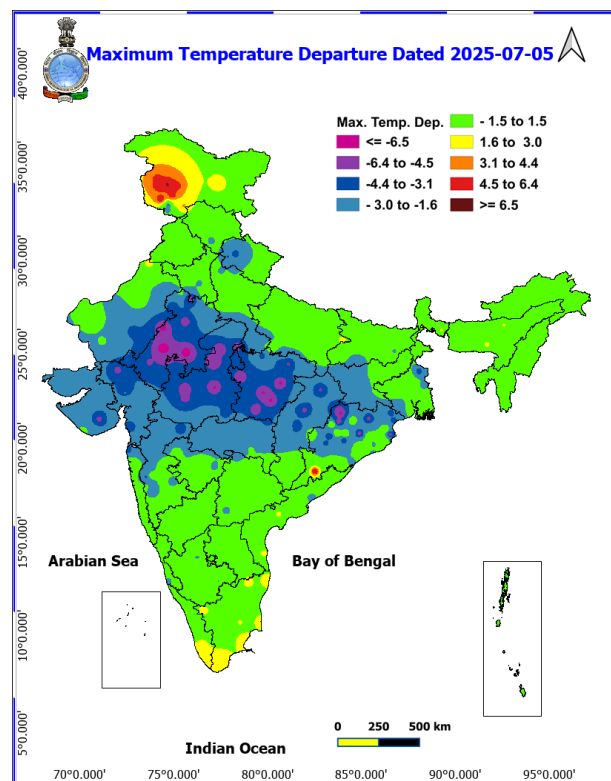


Fig. 3: Minimum Temperatures Dated 2025-07-06

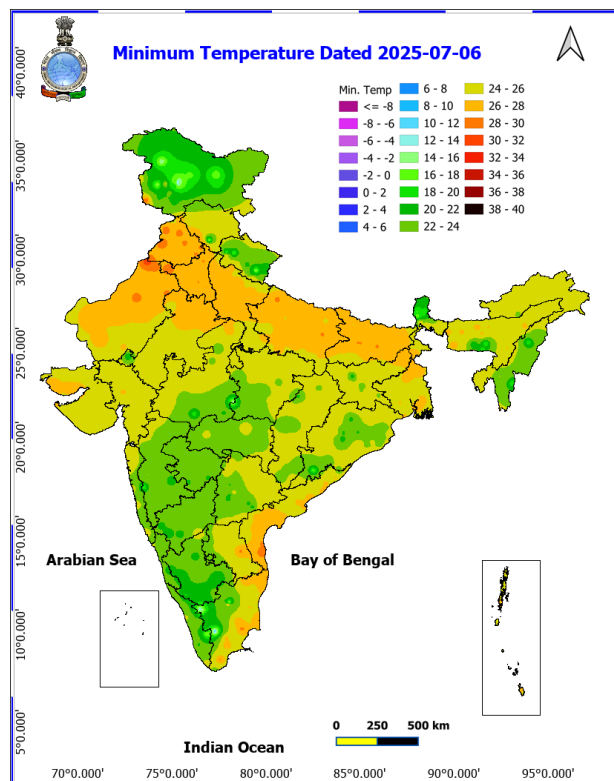
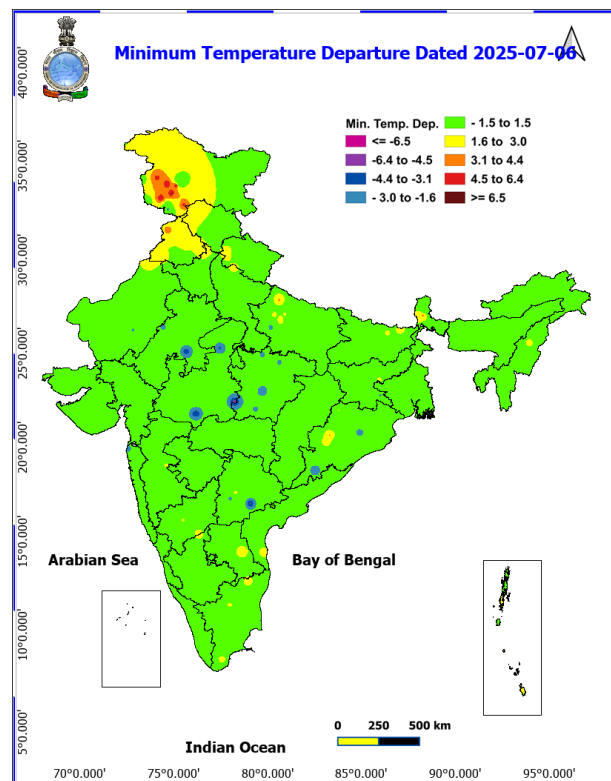
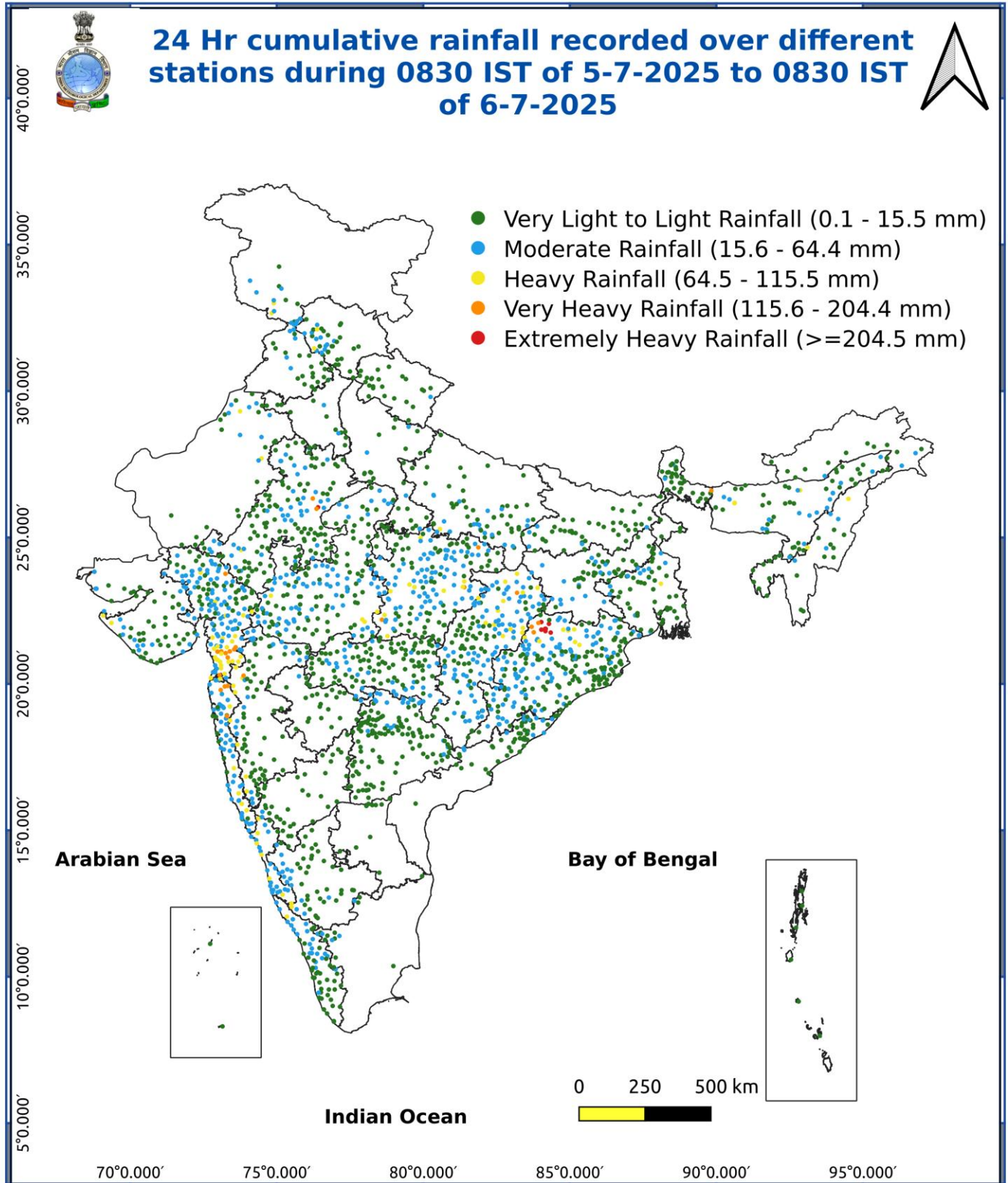


Fig. 4: Departure of Minimum Temp. Dated 2025-07-06





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Impact & Action Suggested

- ✓ **Extremely heavy rainfall (≥ 21 cm)** very likely at isolated places over East Madhya Pradesh on 05th; Ghat areas of Madhya Maharashtra on 06th & 07th and Himachal Pradesh on 06th July.
- ✓ **Heavy to very heavy rainfall** very likely to continue over Madhya Pradesh during 05th-11th; Konkan & Goa, ghat areas of Madhya Maharashtra during 05th-08th; Himachal Pradesh on 07th & 08th; Uttarakhand, Chhattisgarh, Gujarat region during 05th-07th; Punjab, Haryana on 06th & 07th; East Rajasthan on 05th, 09th & 10th; Vidarbha on 07th & 08th; Gangetic West Bengal, Jharkhand, Odisha, Saurashtra on 05th & 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 **East Madhya Pradesh**, postpone sowing of maize and soybean and transplanting of rice. Drain out excess water from rice nurseries, 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 nursery 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 **Chhattisgarh Plain Zone** and sowing of pigeon pea in **North Hill Zone of Chhattisgarh**.
- 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 **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 **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 **Keonjhar** district, postpone sowing of maize.

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

Livestock / Fishery

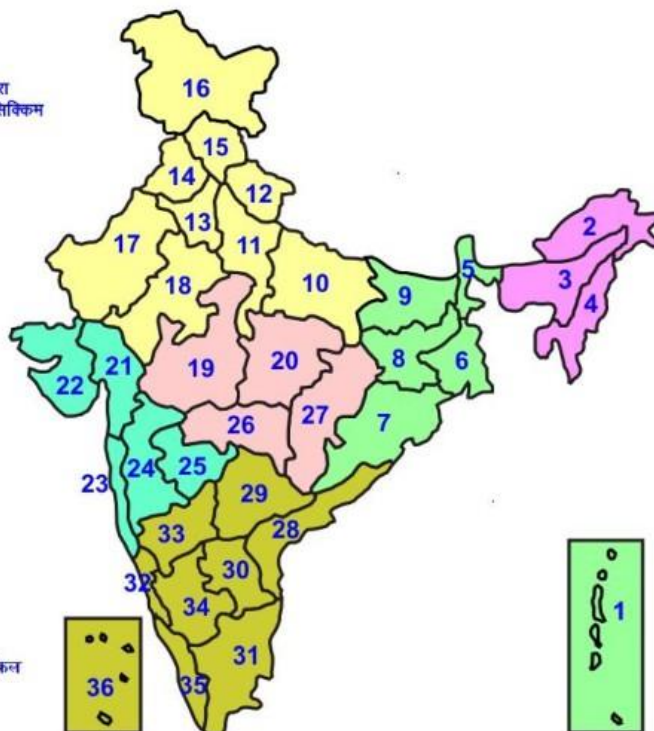
- Keep the animals inside the shed during heavy rainfall and provide them balanced feed.
- Store feed and fodder in a safe place to prevent spoilage.
- Construct an outlet with proper netting around the ponds to drain out excess water, thereby preventing fish from escaping in case of overflow.

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 रायलसेमा
- 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. Marathwada
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 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

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