

**ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN**

**Significant Weather Features**

**Advance of Southwest Monsoon 2026:**

- The **Southwest Monsoon** has further advanced into some parts of Northeast Arabian Sea, Gujarat & Madhya Pradesh, remaining parts of Maharashtra, and some more parts of Chhattisgarh & Jharkhand, today the 24<sup>th</sup> June, 2026.
- The **Northern Limit of Monsoon** passes through 20°N/60°E, 20°N/65°E, 20°N/70°E, Surat, Indore, Mandla, Daltonganj, Motihari and 28.3°N/83°E as on 24<sup>th</sup> June.
- **Conditions are favourable** for further advance of southwest monsoon into some more parts of North Arabian Sea, Gujarat, Madhya Pradesh, remaining parts of Chhattisgarh, Jharkhand & Bihar, some parts of Uttar Pradesh during next 2-3 days; some more parts of Gujarat, Madhya Pradesh & Uttar Pradesh, and some parts of Uttarakhand during subsequent 2-3 days.

**Weather Forecast and Warnings:**

**Northwest India:**

- **Isolated to Scattered** rainfall likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 24th-29th June; Himachal Pradesh and Uttarakhand during 24th-28th June.
- **Isolated to Scattered** rainfall likely over Haryana Chandigarh & Delhi and Punjab during 24th-26th June and during 29th-30th June; West Uttar Pradesh during 24th-25th June and during 29th-30th June; East Uttar Pradesh during 24th-25th June and during 28th-29th June; East Rajasthan and West Rajasthan during 24th-30th June.
- **Fairly Widespread to Widespread** rainfall likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad on 30th June; Himachal Pradesh and Uttarakhand during 29th-30th June.
- **Fairly Widespread to Widespread** rainfall likely over East Uttar Pradesh on 30th June.
- **Isolated thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 24th-25th June; Uttarakhand during 24th-25th June and during 29th-30th June.
- **Isolated thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Punjab during 24th-26th June and during 29th-30th June; Haryana Chandigarh & Delhi during 25th-26th June; East Uttar Pradesh and West Uttar Pradesh during 29th-30th June; West Rajasthan on 26th June; East Rajasthan during 25th-30th June, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over West Rajasthan during 27th-28th June.
- **Isolated heavy rainfall** likely over Himachal Pradesh and Uttarakhand during 29th-30th June.
- **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over East Rajasthan, Haryana Chandigarh & Delhi and West Uttar Pradesh on 24th June; West Rajasthan during 24th-25th June.
- **Duststorm** activity likely over West Rajasthan during 24th-25th June; East Rajasthan on 24th June.

**Central India:**

- **Isolated to Scattered** rainfall likely over East Madhya Pradesh and West Madhya Pradesh during 24th-30th June; Vidarbha during 26th-27th June; Chhattisgarh during 24th-28th June.
- **Fairly Widespread to Widespread** rainfall likely over Vidarbha during 24th-25th June and during 28th-30th June; Chhattisgarh during 29th-30th June.
- **Isolated thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over West Madhya Pradesh during 26th-28th June; East Madhya Pradesh during 25th-28th June; Vidarbha during 24th-28th June.
- **Isolated thunderstorm & lightning** likely over Chhattisgarh during 24th-28th June.
- **Isolated heavy rainfall** likely over East Madhya Pradesh and West Madhya Pradesh on 24th June; Vidarbha during 24th-25th June and during 27th-28th June; Chhattisgarh during 26th-29th June.
- **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over West Madhya Pradesh

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during 24th-25th June; East Madhya Pradesh on 24th June.

- **Moderate to severe lightning activity on 24<sup>th</sup> & 25<sup>th</sup> June.**

#### East India:

- **Fairly Widespread to Widespread** rainfall likely over Andaman & Nicobar Islands and Sub-Himalayan West Bengal & Sikkim during 24th-30th June; Gangetic West Bengal on 24th June and during 27th-30th June; Jharkhand during 28th-30th June; Bihar on 28th June; Odisha during 24th-25th June and on 28th June.
- **Isolated to Scattered** rainfall likely over Gangetic West Bengal during 25th-26th June; Jharkhand during 24th-27th June; Bihar during 24th-27th June and during 29th-30th June; Odisha during 26th-27th June and during 29th-30th June.
- **Isolated thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Andaman & Nicobar Islands during 24th-30th June; Gangetic West Bengal and Sub-Himalayan West Bengal & Sikkim during 25th-30th June; Jharkhand on 24th June and during 26th-30th June; Bihar during 27th-30th June; Odisha during 24th-25th June.
- **Isolated heavy rainfall** likely over Sub-Himalayan West Bengal & Sikkim during 24th-28th June and on 30th June; Jharkhand during 25th-27th June and during 29th-30th June; Odisha during 24th-29th June with isolated **very heavy rainfall** also likely over Sub-Himalayan West Bengal & Sikkim on 29th June; Jharkhand on 28th June.
- **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Gangetic West Bengal and Sub-Himalayan West Bengal & Sikkim on 24th June; Jharkhand on 25th June; Bihar during 24th-26th June.
- **Moderate to severe lightning activity on 24<sup>th</sup> & 25<sup>th</sup> June.**
- **Isolated heavy to very heavy rainfall with extremely heavy rainfall** over Sub-Himalayan West Bengal & Sikkim on 27<sup>th</sup> & 28<sup>th</sup> June.

#### Northeast India:

- **Fairly Widespread to Widespread** rainfall likely over Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during 24th-30th June.
- **Isolated thunderstorm & lightning** likely over Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during 24th-28th June.
- **Isolated heavy rainfall likely over Arunachal Pradesh during 24th-30th June;** Assam & Meghalaya during 24th-25th June and during 29th-30th June; Nagaland, Manipur, Mizoram & Tripura during 24th-27th June with isolated **very heavy rainfall** also likely over Assam & Meghalaya during 26th-28th June.

#### West India:

- **Fairly Widespread to Widespread** rainfall likely over Konkan & Goa during 24th-30th June; Madhya Maharashtra on 24th June and during 26th-27th June; Marathawada during 24th-26th June.
- **Isolated to Scattered** rainfall likely over Madhya Maharashtra on 25th June and during 28th-30th June; Marathawada during 27th-30th June; Gujarat Region and Saurashtra & Kutch during 24th-30th June.
- **Isolated thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Madhya Maharashtra and Marathawada during 26th-29th June; Gujarat Region and Saurashtra & Kutch on 24th June.
- **Isolated thunderstorm & lightning** likely over Konkan & Goa during 24th-28th June.
- **Isolated heavy rainfall** likely over Konkan & Goa during 25th-26th June and during 28th-30th June; Madhya Maharashtra during 25th-27th June and on 30th June; Marathawada during 24th-25th June; Gujarat Region and Saurashtra & Kutch on 24th June with isolated **very heavy rainfall** also likely over Konkan & Goa on 24th June and on 27th June; Madhya Maharashtra on 24th June.
- **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Madhya Maharashtra and Marathawada during 24th-25th June.

#### South Peninsular India:

- **Isolated to Scattered** rainfall likely over Tamil Nadu, Puducherry & Karaikal during 24th-30th June; North

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Interior Karnataka on 24th June; South Interior Karnataka during 24th-25th June; Coastal Andhra Pradesh & Yanam on 24th June and during 28th-30th June; Rayalaseema during 24th-25th June and during 28th-30th June.

- **Fairly Widespread to Widespread** rainfall likely over Coastal Karnataka, Kerala & Mahe, Lakshadweep and Telangana during 24th-30th June; North Interior Karnataka during 25th-30th June; South Interior Karnataka during 26th-30th June; Coastal Andhra Pradesh & Yanam during 25th-27th June; Rayalaseema during 26th-27th June.
- Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Kerala & Mahe and Lakshadweep on 24th June; Coastal Andhra Pradesh & Yanam during 24th-28th June; Rayalaseema during 26th-28th June, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Tamil Nadu, Puducherry & Karaikal during 24th-26th June; Rayalaseema during 24th-25th June; Telangana during 24th-30th June.
- Isolated **thunderstorm & lightning** likely over Kerala & Mahe and Lakshadweep during 25th-26th June.
- Isolated **heavy rainfall** likely over Tamil Nadu, Puducherry & Karaikal during 27th-29th June; Kerala & Mahe on 24th June and during 27th-30th June; Lakshadweep on 28th June; Coastal Karnataka and Telangana during 24th-30th June; North Interior Karnataka during 28th-30th June; South Interior Karnataka during 27th-30th June; Coastal Andhra Pradesh & Yanam during 26th-28th June.
- **Strong Surface Winds** likely over Karnataka during 24th-26th June.

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

- **Heat wave** conditions very likely in isolated pockets over Bihar during 24th-25th June; Northeast Madhya Pradesh on 25th June; East Uttar Pradesh during 24th-28th June; Jharkhand on 24th June.

**Forecast of maximum/day temperatures:**

- No significant change in maximum temperatures likely over Northwest India till 25<sup>th</sup>; rise by 2-3°C during 26<sup>th</sup>-28<sup>th</sup> and fall by 2-3°C thereafter.
- Gradual fall in maximum temperatures by 2-3°C likely over Central India till 28<sup>th</sup> June and no significant change thereafter.
- Gradual fall in maximum temperatures by 2-4°C likely over Maharashtra till 25<sup>th</sup> June and gradual rise by 2-4°C thereafter.
- No significant change in maximum temperatures likely over the rest parts of country till 30<sup>th</sup> June, 2026.

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**Main Weather Observations:**

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

❖ **Significant rainfall recorded(in cm)** (from 0830 hours IST of yesterday to 0830 hours IST of today): **Konkan & Goa:** Vasai (dist Palghar) 29; Colaba (dist Mumbai City) 25; Santacruz (dist Mumbai Suburban) 22; Palghar ARG (dist Palghar) 18; Tbia IMD Part Time (dist Thane), Mandangad (dist Ratnagiri), Tala (dist Raigad), Mhasla (dist Raigad) 17 Each; Pen (dist Raigad), Dapoli ARG (dist Ratnagiri) 16 Each; Panvel ARG (dist Raigad) 15; Sudhagad Pali (dist Raigad) 14; Uran (dist Raigad), Poladpur (dist Raigad), Dahanu (dist Palghar) 13 Each; Khed (dist Ratnagiri), Lanja (dist Ratnagiri) 11 Each; Mangaon (dist Raigad), Matheran (dist Raigad), Alibag - IMD Part Time (dist Raigad), Canacona (dist South Goa), Mahad (dist Raigad), Wakwali ARG (dist Ratnagiri), Sangameshwar Devrukh (dist Ratnagiri) 10 Each; Shriwardhan (dist Raigad), Guhagarh (dist Ratnagiri), Karjat ARG (dist Raigad), Khalapur (dist Raigad), Rajapur (dist Ratnagiri) 9 Each; Murud (dist Raigad), Mapusa (dist North Goa), Vaibhavwadi (dist Sindhudurg), Kankavli (dist Sindhudurg) 8 Each; Sawantwadi (dist Sindhudurg), Dodamarg (dist Sindhudurg) 7 Each; **Sub Himalayan West Bengal & Sikkim:** Falakata (dist Alipurduar) 17; Cooch Behar (dist Cooch Behar) 11; Gyalsing PTO (dist Gyalshing) 9; Jalpaiguri (dist Jalpaiguri), Dharala Valley Tea Esta (dist Jalpaiguri) 8 Each; Domohani (dist Jalpaiguri), Soreng ARG (dist Soreng), Yuksom (dist Gyalshing) 7 Each; **Madhya Maharashtra:** Mahabaleshwar (dist Satara) 16; Surgana (dist Nashik) 12; Vadgaon Maval (dist Pune), Gaganbawada (dist Kolhapur) 10 Each; Lonavala ARG (dist Pune) 9; Ambegaon Ghodegaon (dist Pune) 7; **Gujarat Region:** Umergam (dist Valsad) 11; Daman (dist Daman), Daman Fmo (dist Daman) 9 Each; Daman AWS (dist Daman), Khanvel (dist Dadara & Nagar Haveli), Dangs (ahwa) (dist Dangs) 8 Each; **Nagaland, Manipur, Mizoram & Tripura:** Aizawl (dist Aizawl) 11; **Assam & Meghalaya:** Lakhimpur ARG (dist Cachar), Laharighat ARG (dist Morigaon) 10 Each; Khliehriat (dist East Jaintia Hills) 9; Cherrapunji (dist East Khasi Hills), Cachher Kvk AWS (dist Cachar) 7 Each; **Chhattisgarh:** Bade Bacheli (dist Dantewada) 9; Raigarh (dist Raigarh) 8; **Vidarbha:** Nandgaonkazi (dist Amraoti) 8; Wani (dist Yeotmal), Kalmeshwar (dist Nagpur) 7 Each; **Coastal Karnataka:** Manki (dist Uttara Kannada) 7; **East Madhya Pradesh:** Chand (dist Chhindwara) 7; **Arunachal Pradesh:** Yazali (dist Lower Subansiri) 7; **Jharkhand:** Raidih (dist Gumla) 7.

❖ **Heavy Rainfall observed** (from 0830 hours IST of yesterday to 0830 hours IST of today): **Extremely heavy rain** at isolated places over Konkan & Goa. **Heavy to very heavy rain** at isolated places over Nagaland, Manipur, Mizoram & Tripura, Sub Himalayan West Bengal & Sikkim, Konkan & Goa and Madhya Maharashtra. **Heavy rain** at a few places over Konkan & Goa and at isolated places over Arunachal Pradesh, Assam & Meghalaya, Jharkhand, East Madhya Pradesh, Gujarat Region, Vidarbha, Chhattisgarh, Telangana and Coastal Karnataka.

❖ **Heat wave conditions** prevailed in isolated pockets of East Uttar Pradesh and adjoining Bihar.

❖ **Hailstorm** reported at isolated places over East Madhya Pradesh.

❖ **Minimum Temperature Departures (as on 24-06-2026):** **appreciably above normal (3.1°C to 5.0°C)** at isolated places over Andaman & Nicobar Islands, East Madhya Pradesh, West Rajasthan; **above normal (1.6°C to 3.0°C)** at a few places over Gujarat Region, Himachal Pradesh, Odisha; at isolated places over Saurashtra & Kutch, Tamil Nadu, Puducherry & Karaikal; **markedly below normal (-5.1°C or less)** at isolated places over East Uttar Pradesh, Jammu-Kashmir & Ladakh, Vidarbha; **appreciably below normal (-3.1°C to -5.0°C)** at isolated places over Coastal Karnataka, Bihar, Haryana-Chandigarh-Delhi, Himachal Pradesh, Uttarakhand, West Madhya Pradesh; **below normal (-3.0°C to -1.6°C)** at isolated places over Telangana, Assam & Meghalaya, East Rajasthan, Gangetic West Bengal, Sub-Himalayan West Bengal & Sikkim and near normal over rest part of the country. **The lowest minimum temperature** of 19.5°C was reported at HARDOI (EAST UTTAR PRADESH) over the Plains of India.

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❖ **Maximum Temperature Departures (as on 23-06-2026):** **markedly above normal(> 5.1°C)** at isolated places over Gangetic West Bengal, Odisha, Jharkhand, East Uttar Pradesh and West Uttar Pradesh. **appreciably above normal(3.1°C to 5.0°C)** at many places over Bihar and Chhattisgarh; at few places over Vidarbha; at isolated places over Assam & Meghalaya, Sub Himalayan West Bengal & Sikkim, Uttarakhand, Himachal Pradesh, West Madhya Pradesh, East Madhya Pradesh, Saurashtra & Kutch, Tamil Nadu, Puducherry & Karaikal, North Interior Karnataka and Kerala & Mahe. **above normal(1.6°C to 3.0°C)** at most places over Gujarat Region and Marathwada; at few places over Nagaland, Manipur, Mizoram & Tripura and Telangana; at isolated places over Haryana-Chandigarh-Delhi, East Rajasthan, Madhya Maharashtra and Coastal Andhra Pradesh & Yanam. **near normal(-1.5°C to 1.5°C)** at many places over West Rajasthan, Rayalaseema and Coastal Karnataka; at most places over Andaman & Nicobar Islands, Arunachal Pradesh, Punjab, Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad, South Interior Karnataka and Lakshadweep; at few places over Konkan & Goa. **The highest maximum temperature** of 43.8°C was reported at BANDA (UTTAR PRADESH).

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

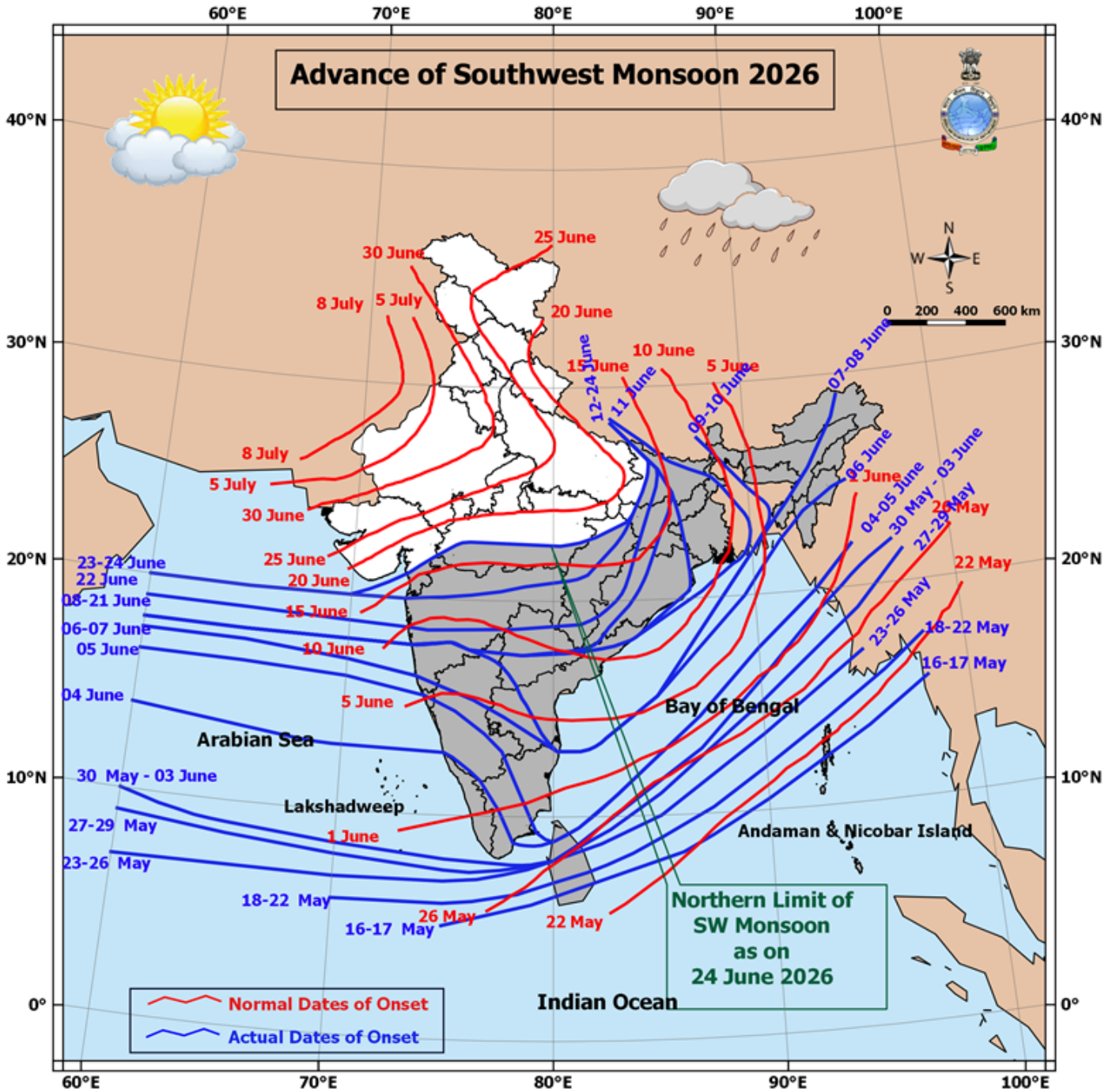
- The **Southwest Monsoon** has further advanced into some parts of Northeast Arabian Sea, Gujarat & Madhya Pradesh, remaining parts of Maharashtra, and some more parts of Chhattisgarh & Jharkhand, today the 24<sup>th</sup> June, 2026.
- The **Northern Limit of Monsoon** passes through 20°N/60°E, 20°N/65°E, 20°N/70°E, Surat, Indore, Mandla, Daltonganj, Motihari and 28.3°N/83°E as on 24<sup>th</sup> June.
- **Conditions are favourable** for further advance of southwest monsoon into some more parts of North Arabian Sea, Gujarat, Madhya Pradesh, remaining parts of Chhattisgarh, Jharkhand & Bihar, some parts of Uttar Pradesh during next 2-3 days; some more parts of Gujarat, Madhya Pradesh & Uttar Pradesh, and some parts of Uttarakhand during subsequent 2-3 days.
- The **seasonal trough** at mean sea level from Rajasthan to Gangetic West Bengal across north Madhya Pradesh, south Uttar Pradesh, Bihar, and Jharkhand persists.
- The upper **air cyclonic circulation** over northeast Bangladesh & neighbourhood at 0.9 km above mean sea level persists.
- The upper **air cyclonic circulation** over central Assam at 1.5 km above mean sea level persists.
- The upper **air cyclonic circulation** over north Bay of Bengal & adjoining coastal Bangladesh persists and now lies between 3.1 & 5.8 km above mean sea level.
- The upper **air cyclonic circulation** over central Parts of Madhya Pradesh lies over southeast parts of Madhya Pradesh at 3.1 km above mean sea level.
- The **trough** runs from the above cyclonic circulation over central parts of Madhya Pradesh to East Central Arabian Sea now seen from southeast parts of Madhya Pradesh to Eastcentral Arabian Sea across North Maharashtra at 3.1 km above mean sea level.
- The **Western Disturbance** as a cyclonic circulation over Haryana & neighbourhood between 5.8 & 7.6 km above mean sea level persists.
- The **trough** in middle level westerlies with its axis at 5.8 km above mean sea level from southeast Rajasthan to North East Arabian Sea now runs from southeast Rajasthan to Eastcentral Arabian Sea across Gujrat and north Maharashtra.
- The upper **air cyclonic circulation** over south Haryana & adjoining northwest Uttar Pradesh at 1.5 km above mean sea level has become less marked.
- The upper **air cyclonic circulation** over central parts of Uttar Pradesh at 0.9 km above mean sea level has become less marked.

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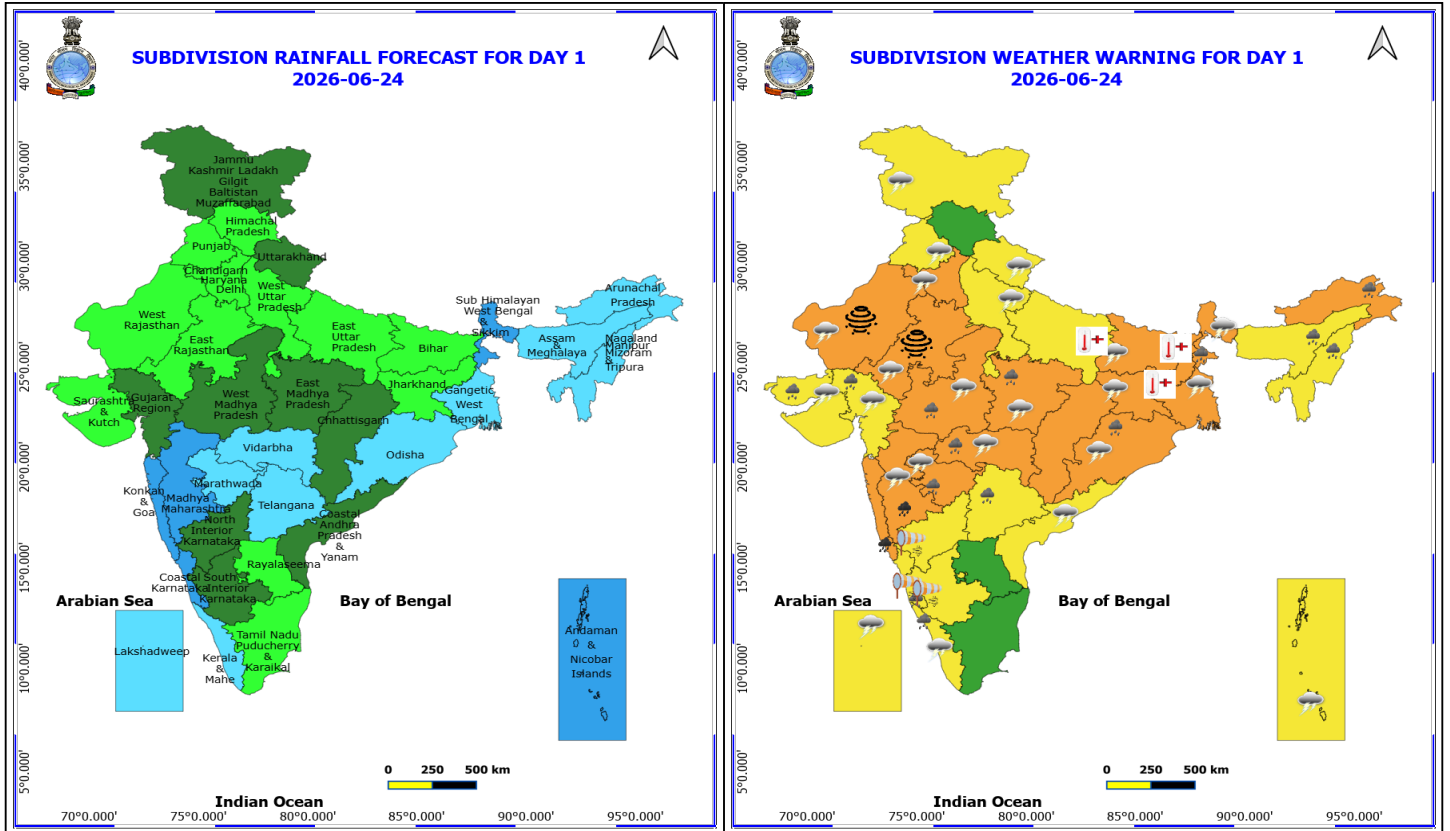
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**24 June (Day 1)**

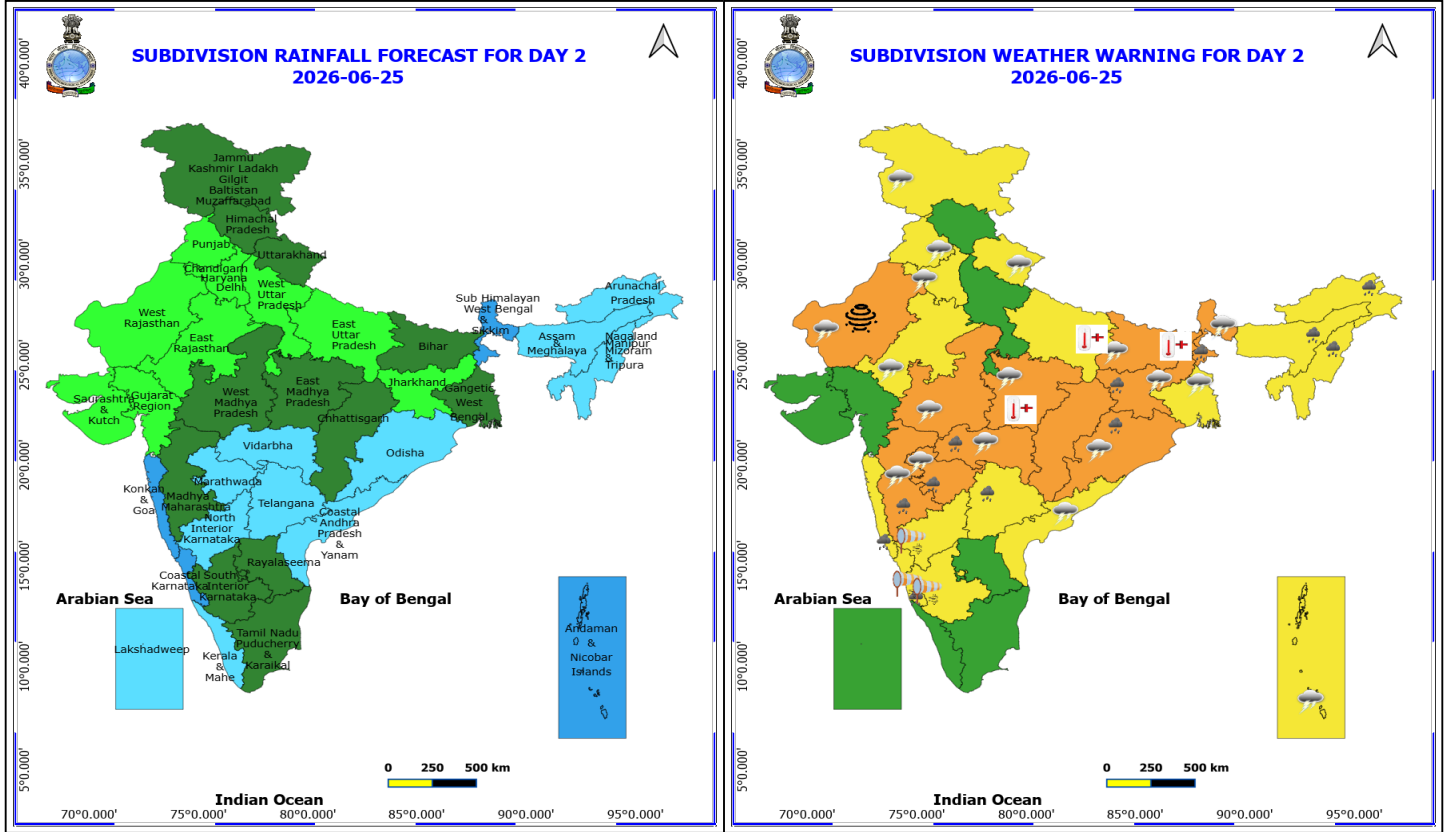
- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Konkan & Goa and Madhya Maharashtra.
- ❖ **Heavy Rainfall** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Coastal Karnataka, Gujarat State, Kerala & Mahe, Madhya Pradesh, Marathwada, Nagaland, Manipur, Mizoram and Tripura, Odisha, Sub Himalayan West Bengal & Sikkim, Telangana and Vidarbha.
- ❖ **Thundersquall with wind speed reaching(50-60kmph)** very likely at isolated places over Bihar, Haryana, Chandigarh & Delhi, Madhya Maharashtra, Madhya Pradesh, Marathwada, Rajasthan, West Bengal & Sikkim and West Uttar Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Andaman & Nicobar Islands, Coastal Andhra Pradesh, Gujarat State, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, Kerala & Mahe, Lakshadweep, Odisha, Punjab, Uttarakhand and Vidarbha.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Rayalaseema, Tamil Nadu Puducherry & Karaikal and Telangana.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Konkan & Goa and Nagaland, Manipur, Mizoram and Tripura.
- ❖ **Dust Storm** very likely at isolated places over Rajasthan.
- ❖ **Strong Surface Winds** very likely at isolated places over Karnataka.
- ❖ **Heat Wave conditions** very likely at isolated places over Bihar, East Uttar Pradesh and Jharkhand.

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- ❖ **Arabian Sea: Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail along and off Somalia & Oman coasts, some parts of southwest, westcentral & northwest Arabian Sea.
- ❖ **Squally weather with wind speed 40-50 gusting to 60 kmph** is likely to prevail along & off Maharashtra and Goa coasts adjoining eastcentral Arabian sea.
- ❖ **Bay of Bengal: Squally Weather with wind speed 40-50 kmph gusting to 60 kmph** is likely to prevail over Gulf of Mannar & Comorin area; along and off north Odisha, Gangetic west Bengal and many parts of northwest adjoining northeast Bay of Bengal.



## 25 June (Day 2)

- ❖ **Heavy Rainfall** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Coastal Karnataka, Jharkhand, Konkan & Goa, Maharashtra, Nagaland, Manipur, Mizoram and Tripura, Odisha, Sub Himalayan West Bengal & Sikkim and Telangana.
- ❖ **Thundersquall with wind speed reaching(50-60kmph)** very likely at isolated places over Bihar, Jharkhand, Madhya Maharashtra, Marathwada, West Madhya Pradesh and West Rajasthan.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Andaman & Nicobar Islands, Coastal Andhra Pradesh, East Madhya Pradesh, East Rajasthan, Haryana, Chandigarh & Delhi, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Odisha, Punjab, Uttarakhand, Vidarbha and West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Rayalaseema, Tamil Nadu Puducherry & Karaikal and Telangana.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Kerala & Mahe, Konkan & Goa, Lakshadweep and Nagaland, Manipur, Mizoram and Tripura.
- ❖ **Dust Storm** very likely at isolated places over West Rajasthan.
- ❖ **Strong Surface Winds** very likely at isolated places over Karnataka.
- ❖ **Heat Wave conditions** very likely at isolated places over Bihar, East Madhya Pradesh and East Uttar Pradesh.
- ❖ **Arabian Sea: Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail along and off

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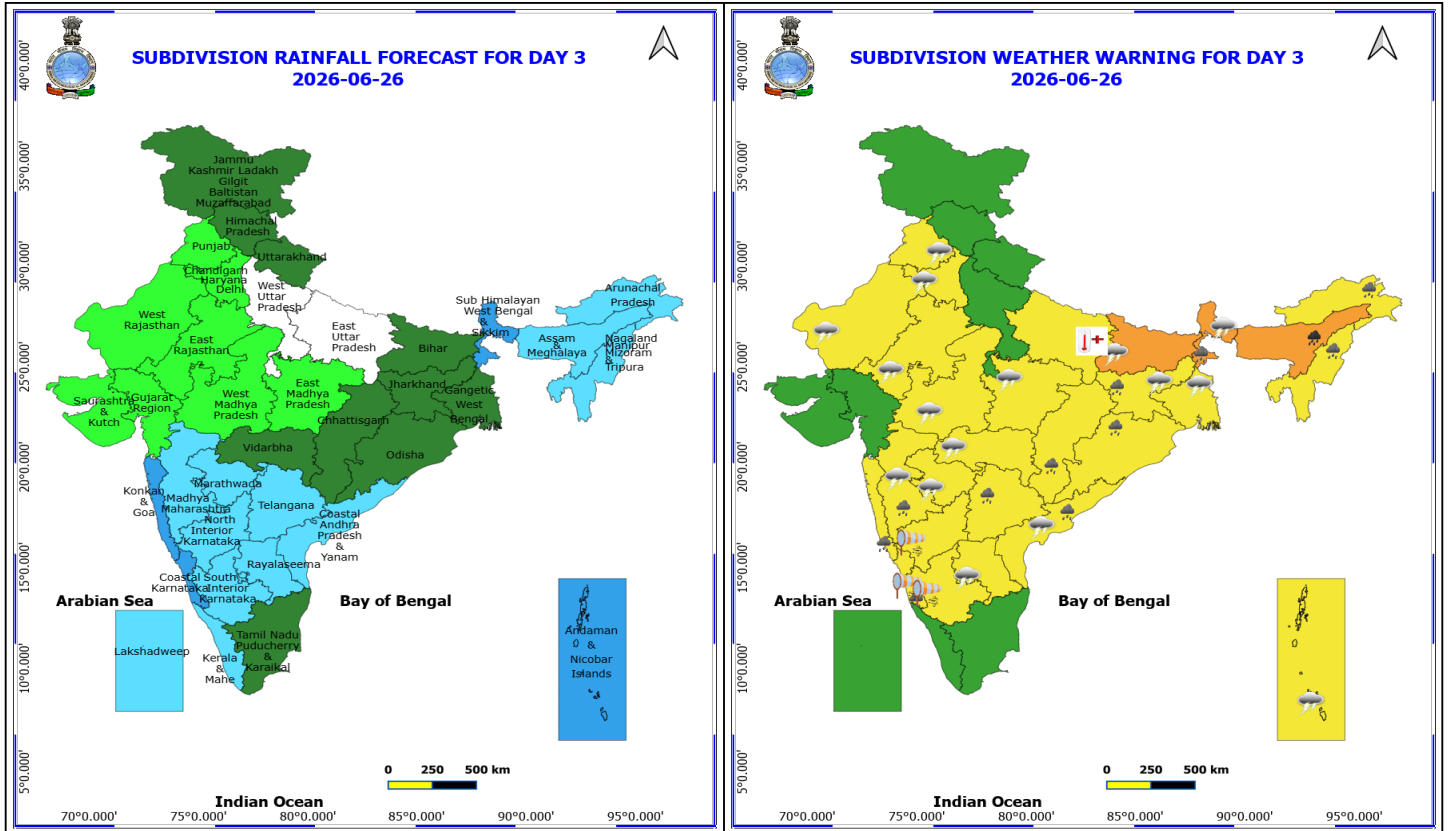
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Somalia & Oman coasts, some parts of southwest, westcentral & few parts of northwest Arabian Sea.

❖ **Squally weather with wind speed 40-50 gusting to 60 kmph** is likely to prevail along & off south Gujarat & adjoining northeast Arabian Sea, south Maharashtra and Goa coasts adjoining eastcentral Arabian sea.

❖ **Bay of Bengal: Squally Weather with wind speed 40-50 kmph gusting to 60 kmph** is likely to prevail over Gulf of Mannar & Comorin area; along and off north Odisha, Gangetic west Bengal and many parts of northwest adjoining northeast Bay of Bengal.



**26 June (Day 3)**

- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Assam & Meghalaya.
- ❖ **Heavy Rainfall** very likely at isolated places over Arunachal Pradesh, Chhattisgarh, Coastal Andhra Pradesh, Coastal Karnataka, Jharkhand, Konkan & Goa, Madhya Maharashtra, Nagaland, Manipur, Mizoram and Tripura, Odisha, Sub Himalayan West Bengal & Sikkim and Telangana.
- ❖ **Thundersquall with wind speed reaching(50-60kmph)** very likely at isolated places over Bihar.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Andaman & Nicobar Islands, Andhra Pradesh, Haryana, Chandigarh & Delhi, Jharkhand, Madhya Pradesh, Maharashtra, Punjab, Rajasthan and West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Tamil Nadu Puducherry & Karaikal and Telangana.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Kerala & Mahe, Konkan & Goa, Lakshadweep and Nagaland, Manipur, Mizoram and Tripura.
- ❖ **Strong Surface Winds** very likely at isolated places over Karnataka.
- ❖ **Heat Wave conditions** very likely at isolated places over East Uttar Pradesh.
- ❖ **Arabian Sea: Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail along and off Somalia coasts some parts of southwest & adjoining westcentral Arabian Sea.

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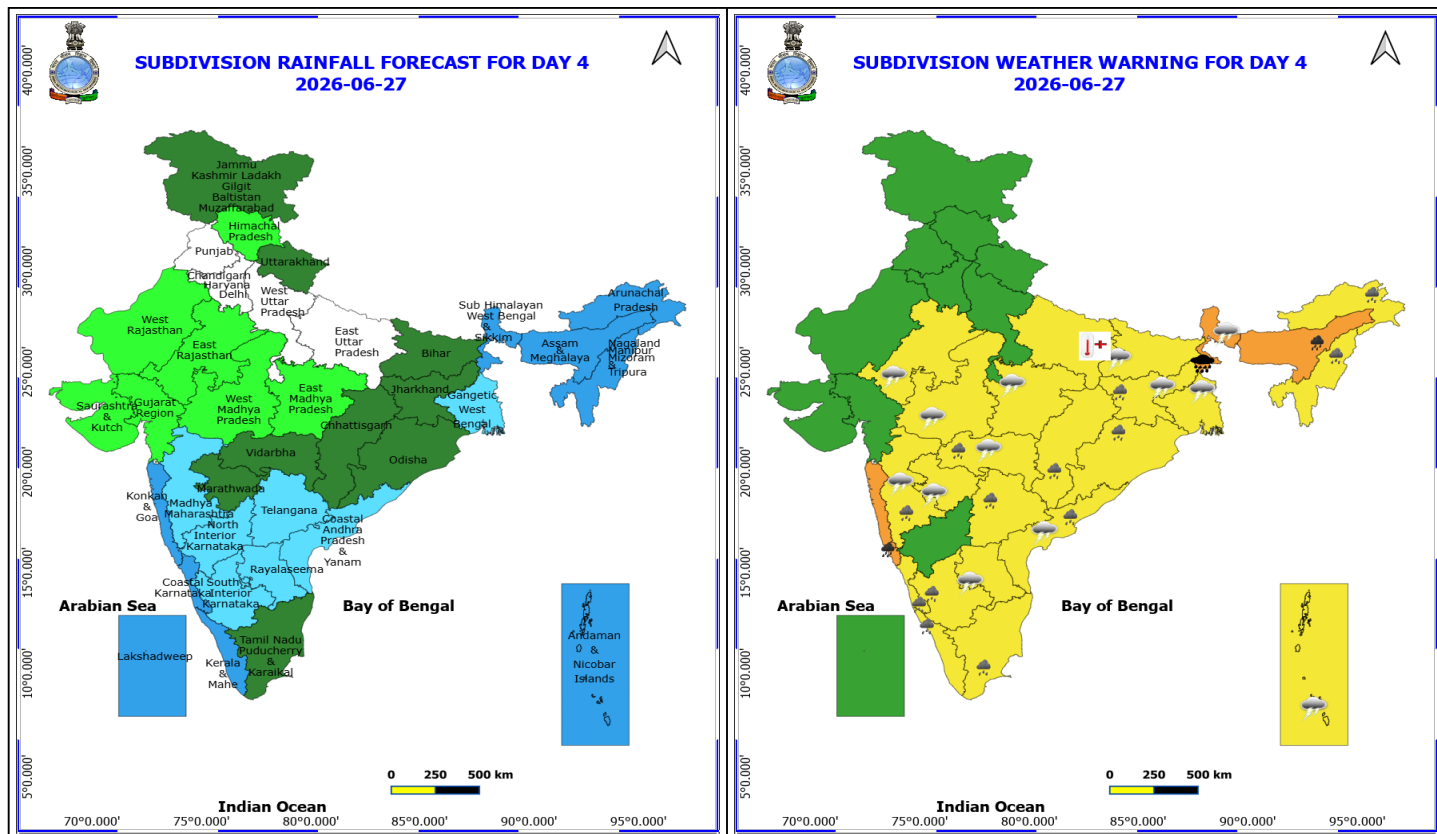
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- ❖ **Squally weather with wind speed 40-50 gusting to 60 kmph** is likely to prevail along & off south Maharashtra & Goa coasts adjoining eastcentral Arabian sea.
- ❖ **Bay of Bengal: Squally Weather with wind speed 40-50 kmph gusting to 60 kmph** is likely to prevail over Gulf of Mannar adjoining Comorin area.
- ❖ **Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail over south Sri Lanka adjoining few parts of southwest Bay of Bengal.



**27 June (Day 4)**

- ❖ **Heavy to Very Heavy Rainfall with isolated Extremely Heavy Rainfall** likely at isolated places over Sub Himalayan West Bengal & Sikkim.
  - ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Assam & Meghalaya and Konkan & Goa.
  - ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Chhattisgarh, Coastal Andhra Pradesh, Coastal Karnataka, Jharkhand, Kerala & Mahe, Madhya Maharashtra, Nagaland, Manipur, Mizoram and Tripura, Odisha, South Interior Karnataka, Tamil Nadu Puducherry & Karaikal, Telangana and Vidarbha.
  - ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands, Andhra Pradesh, Bihar, East Rajasthan, Jharkhand, Madhya Pradesh, Maharashtra and West Bengal & Sikkim.
  - ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Telangana and West Rajasthan.
  - ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Konkan & Goa and Nagaland, Manipur, Mizoram and Tripura.
  - ❖ **Heat Wave conditions** likely at isolated places over East Uttar Pradesh.
- 
- ❖ **Arabian Sea: Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail along and off Somalia coasts, some parts of southwest adjoining westcentral Arabian Sea, Over North Oman coast adjoining northwest Arabian Sea.
  - ❖ **Squally weather with wind speed 40-50 gusting to 60 kmph** is likely to prevail along & off south Maharashtra,

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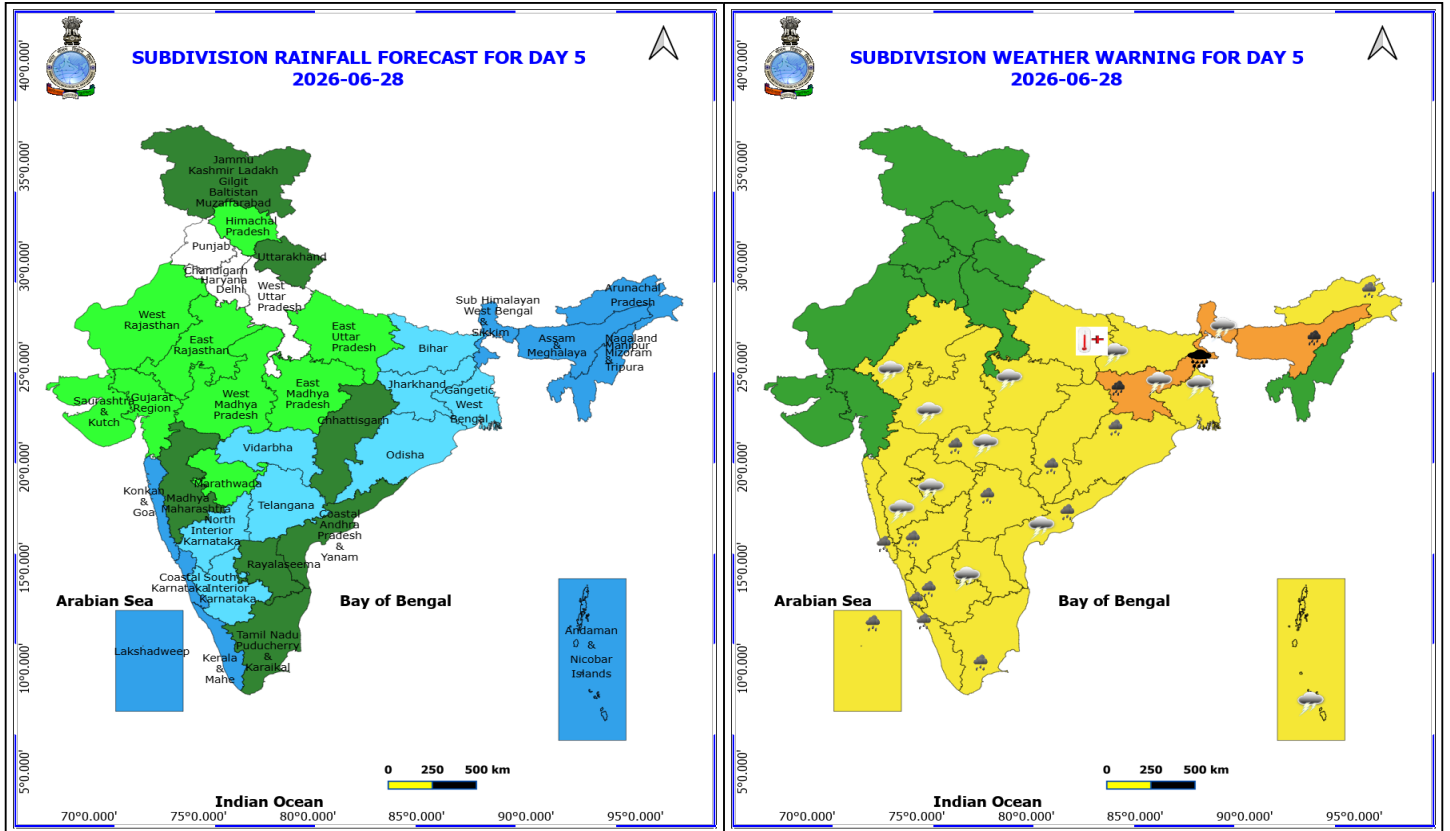
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Goa, Karnataka, Kerala coasts, Lakshadweep area & adjoining eastcentral Arabian sea.

- ❖ **Bay of Bengal: Squally Weather with wind speed 40-50 kmph gusting to 60 kmph** is likely to prevail over Gulf of Mannar adjoining Comorin area.
- ❖ **Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail over south Sri Lanka adjoining some parts of southwest Bay of Bengal.



**28 June (Day 5)**

- ❖ **Heavy to Very Heavy Rainfall with isolated Extremely Heavy Rainfall** likely at isolated places over Sub Himalayan West Bengal & Sikkim.
  - ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Assam & Meghalaya and Jharkhand.
  - ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Chhattisgarh, Coastal Andhra Pradesh, Karnataka, Kerala & Mahe, Konkan & Goa, Lakshadweep, Odisha, Tamil Nadu Puducherry & Karaikal, Telangana and Vidarbha.
  - ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands, Andhra Pradesh, Bihar, East Rajasthan, Jharkhand, Madhya Pradesh, Maharashtra and West Bengal & Sikkim.
  - ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Telangana and West Rajasthan.
  - ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Konkan & Goa and Nagaland, Manipur, Mizoram and Tripura.
  - ❖ **Heat Wave conditions** likely at isolated places over East Uttar Pradesh.
- 
- ❖ **Arabian Sea: Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail along and off Somalia coasts some parts of southwest & adjoining westcentral Arabian Sea; Over North Oman coast adjoining northwest Arabian Sea.
  - ❖ **Squally weather with wind speed 40-50 gusting to 60 kmph** is likely to prevail along & off south Maharashtra,

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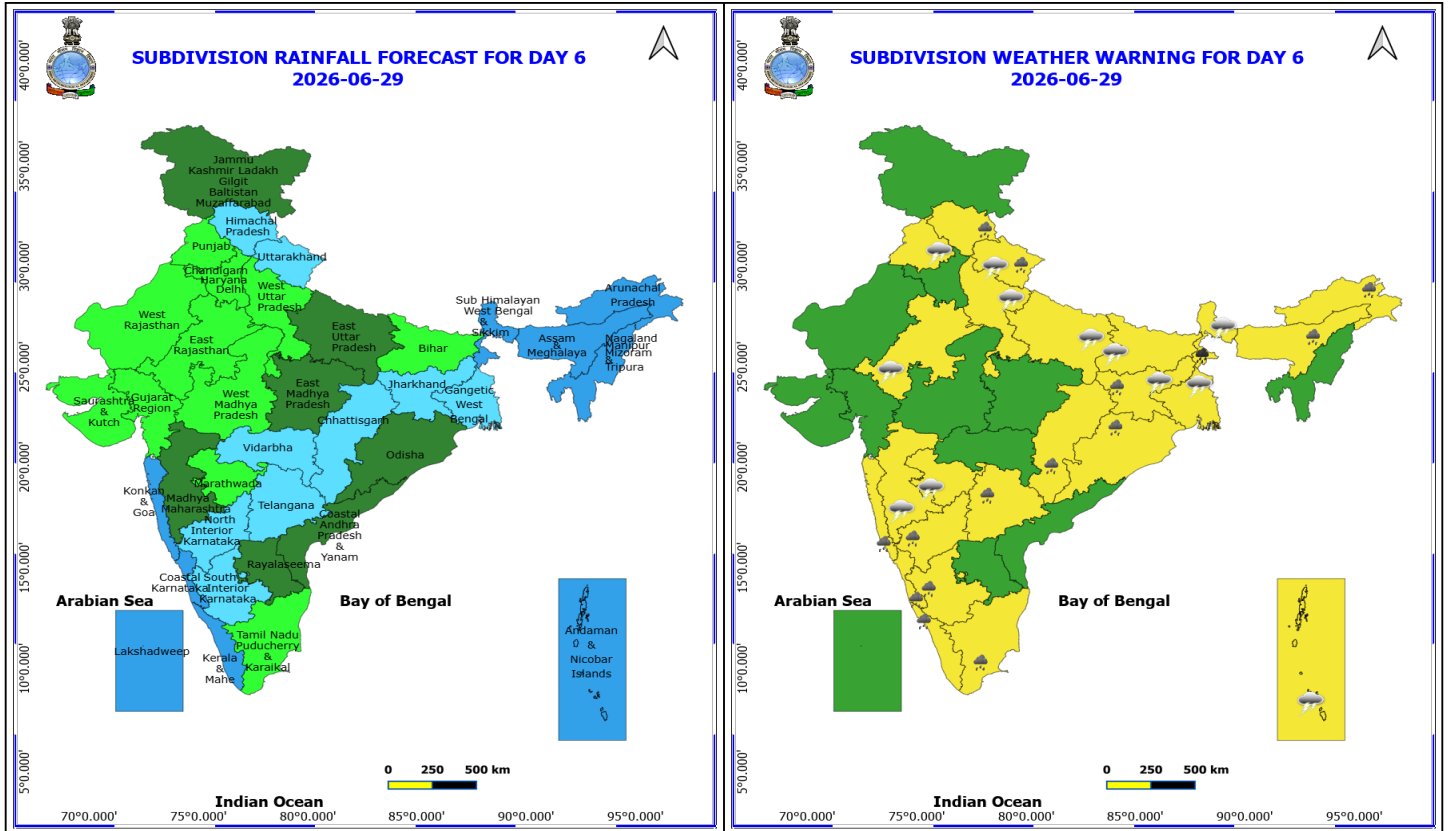
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Goa, Karnataka, Kerala coasts, Lakshadweep area & adjoining eastcentral Arabian sea.

❖ **Bay of Bengal: Squally Weather with wind speed 40-50 kmph gusting to 60 kmph** is likely to prevail over Gulf of Mannar adjoining Comorin area, south Sri Lanka adjoining some parts of southwest & adjoining southeast Bay of Bengal.

❖ **Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail over some parts of southwest & adjoining southeast Bay of Bengal.

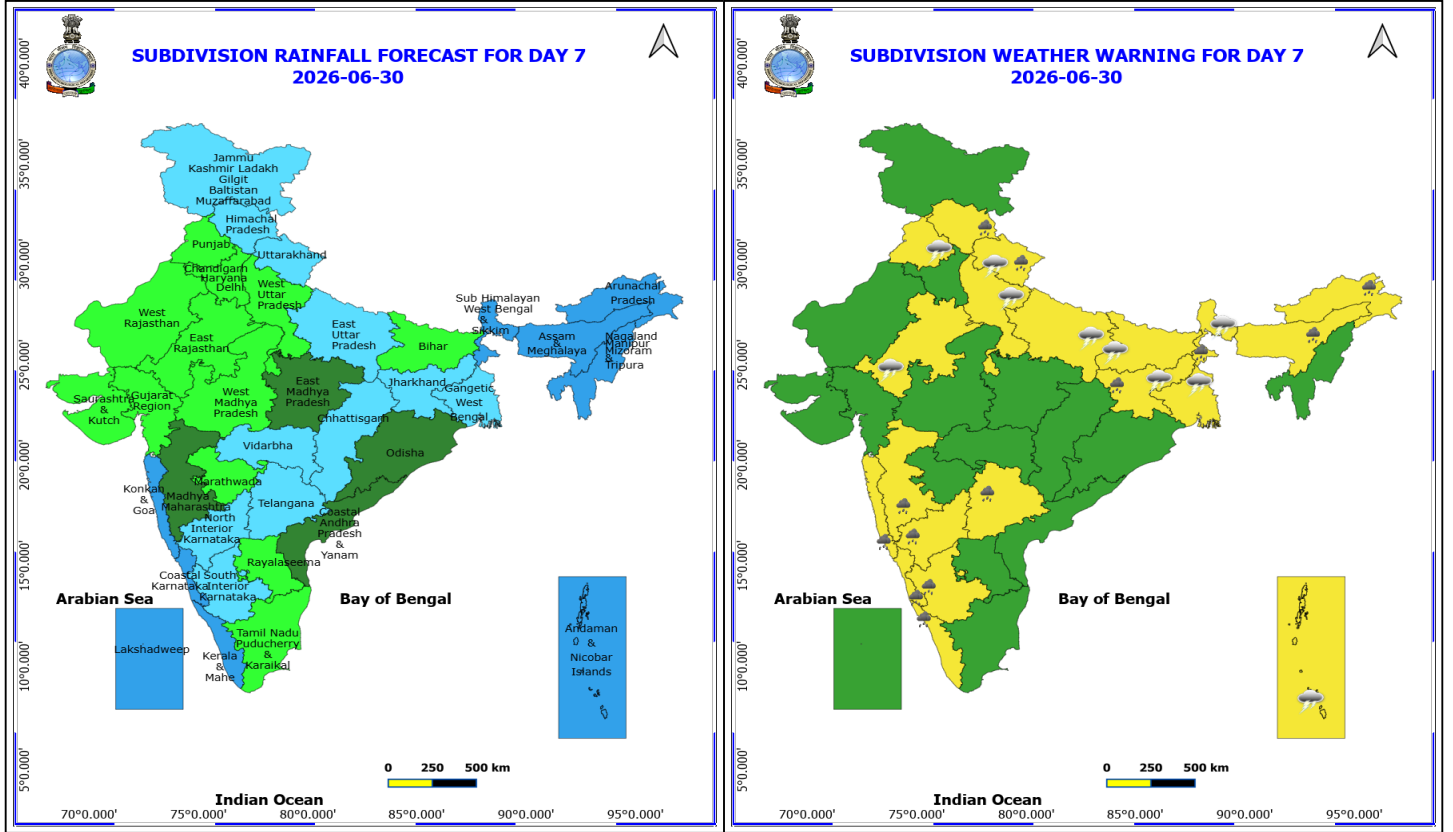


**29 June (Day 6)**

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Sub Himalayan West Bengal & Sikkim.
- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Himachal Pradesh, Jharkhand, Karnataka, Kerala & Mahe, Konkan & Goa, Odisha, Tamil Nadu Puducherry & Karaikal, Telangana and Uttarakhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands, Bihar, East Rajasthan, Jharkhand, Madhya Maharashtra, Marathwada, Punjab, Uttar Pradesh, Uttarakhand and West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Telangana.

**No Fishermen Warning**

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**30 June (Day 7)**

- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Himachal Pradesh, Jharkhand, Karnataka, Kerala & Mahe, Konkan & Goa, Madhya Maharashtra, Sub Himalayan West Bengal & Sikkim, Telangana and Uttarakhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands, Bihar, East Rajasthan, Jharkhand, Punjab, Uttar Pradesh, Uttarakhand and West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Telangana.

**No Fishermen Warning**

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**Flash Flood Warnings**

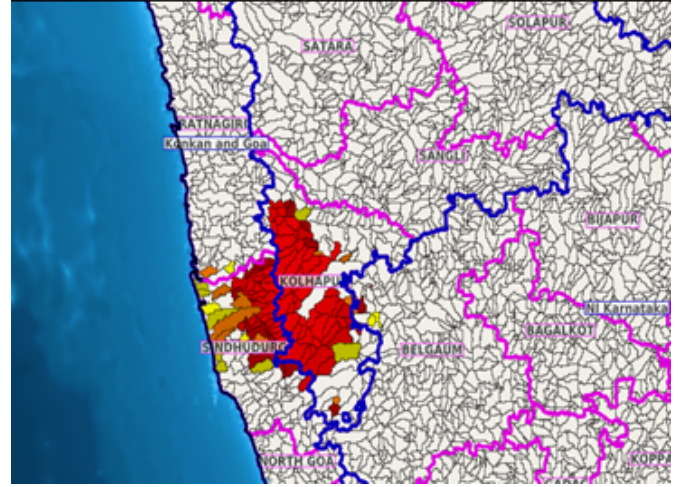
**24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 25-06-2026 :**

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

**Konkan & Goa** - Ratnagiri and Sindhudurg districts.  
**Madhya Maharashtra** - Kolhapur district.

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.

Product: GFS FFR | Timescale: 24-hr | Region: "REGIONAL"  
Product Date: 2026-06-24 06:00 UTC | Valid Date: 2026-06-25 06:00 UTC



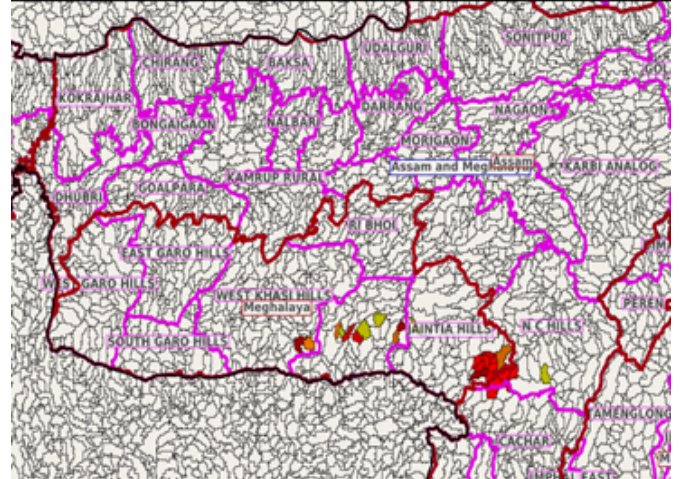
**24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 25-06-2026 :**

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

**Assam & Meghalaya** - East Khasi Hills, West Khasi Hills and Jaintia Hills 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.

Product: GFS FFR | Timescale: 24-hr | Region: "REGIONAL"  
Product Date: 2026-06-24 06:00 UTC | Valid Date: 2026-06-25 06:00 UTC





## Table-1

### 7 Days Rainfall Forecast

S.No.	Subdivision	24- Jun	25- Jun	26- Jun	27- Jun	28- Jun	29- Jun	30- Jun
		Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
1	ANDAMAN & NICOBAR ISLANDS	WS	WS	WS	WS	WS	WS	WS
2	ARUNACHAL PRADESH	FWS	FWS	FWS	WS	WS	WS	WS
3	ASSAM & MEHGHALAYA	FWS	FWS	FWS	WS	WS	WS	WS
4	N. M. M. & T.	FWS	FWS	FWS	WS	WS	WS	WS
5	S.H. WEST BENGAL & SIKKIM	WS	WS	WS	WS	WS	WS	WS
6	GANGETIC WEST BENGAL	FWS	SCT	SCT	FWS	FWS	FWS	FWS
7	ODISHA	FWS	FWS	SCT	SCT	FWS	SCT	SCT
8	JHARKHAND	ISOL	ISOL	SCT	SCT	FWS	FWS	FWS
9	BIHAR	ISOL	SCT	SCT	SCT	FWS	ISOL	ISOL
10	EAST UTTAR PRADESH	ISOL	ISOL	DRY	DRY	ISOL	SCT	FWS
11	WEST UTTAR PRADESH	ISOL	ISOL	DRY	DRY	DRY	ISOL	ISOL
12	UTTARAKHAND	SCT	SCT	SCT	SCT	SCT	FWS	FWS
13	HARYANA, CHD & DELHI	ISOL	ISOL	ISOL	DRY	DRY	ISOL	ISOL
14	PUNJAB	ISOL	ISOL	ISOL	DRY	DRY	ISOL	ISOL
15	HIMACHAL PRADESH	ISOL	SCT	SCT	ISOL	ISOL	FWS	FWS
16	JAMMU AND KASHMIR AND LADAKH	SCT	SCT	SCT	SCT	SCT	SCT	FWS
17	WEST RAJASTHAN	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
18	EAST RAJASTHAN	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
19	WEST MADHYA PRADESH	SCT	SCT	ISOL	ISOL	ISOL	ISOL	ISOL
20	EAST MADHYA PRADESH	SCT	SCT	ISOL	ISOL	ISOL	SCT	SCT
21	GUJRAT REGION	SCT	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
22	SAURASHTRA & KUTCH	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
23	KONKAN & GOA	WS	WS	WS	WS	WS	WS	WS
24	MADHYA MAHARASHTRA	WS	SCT	FWS	FWS	SCT	SCT	SCT
25	MARATHWADA	FWS	FWS	FWS	SCT	ISOL	ISOL	ISOL
26	VIDARBHA	FWS	FWS	SCT	SCT	FWS	FWS	FWS
27	CHATTISGARH	SCT	SCT	SCT	SCT	SCT	FWS	FWS
28	COASTAL ANDHRA PRADESH	SCT	FWS	FWS	FWS	SCT	SCT	SCT
29	TELANGANA	FWS	FWS	FWS	FWS	FWS	FWS	FWS
30	RAYALASEEMA	ISOL	SCT	FWS	FWS	SCT	SCT	ISOL
31	TAMILNADU & PUDUCHERRY	ISOL	SCT	SCT	SCT	SCT	ISOL	ISOL
32	COSTAL KARNATAKA	WS	WS	WS	WS	WS	WS	WS
33	NORTH INTERIOR KARNATAKA	SCT	FWS	FWS	FWS	FWS	FWS	FWS
34	SOUTH INTERIOR KARNATAKA	SCT	SCT	FWS	FWS	FWS	FWS	FWS
35	KERALA	FWS	FWS	FWS	WS	WS	WS	WS
36	LAKSHDWEEP	FWS	FWS	FWS	WS	WS	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 2026-06-23

Fig. 2: Departure of Maximum Temp. Dated 2026-06-23

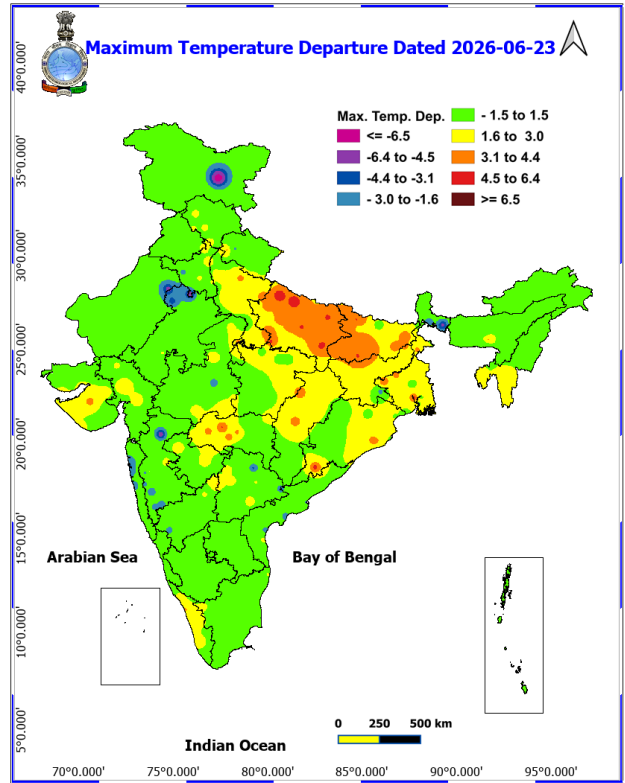
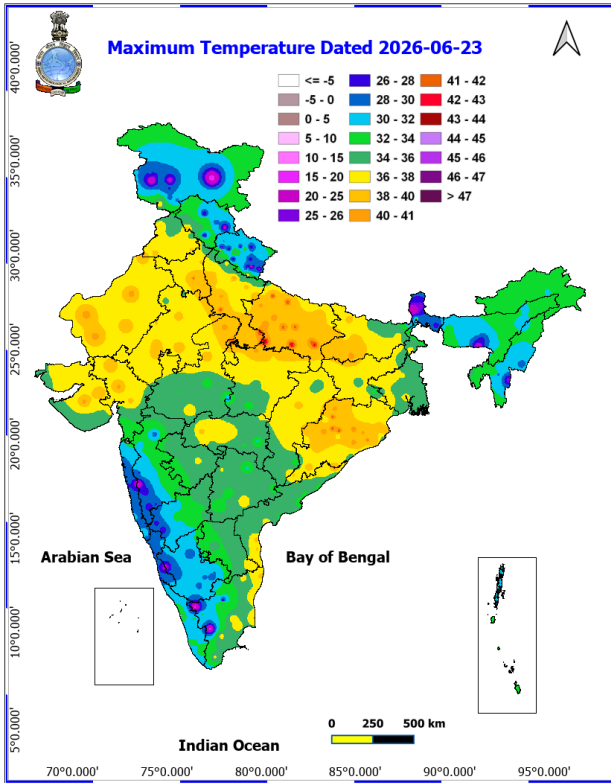
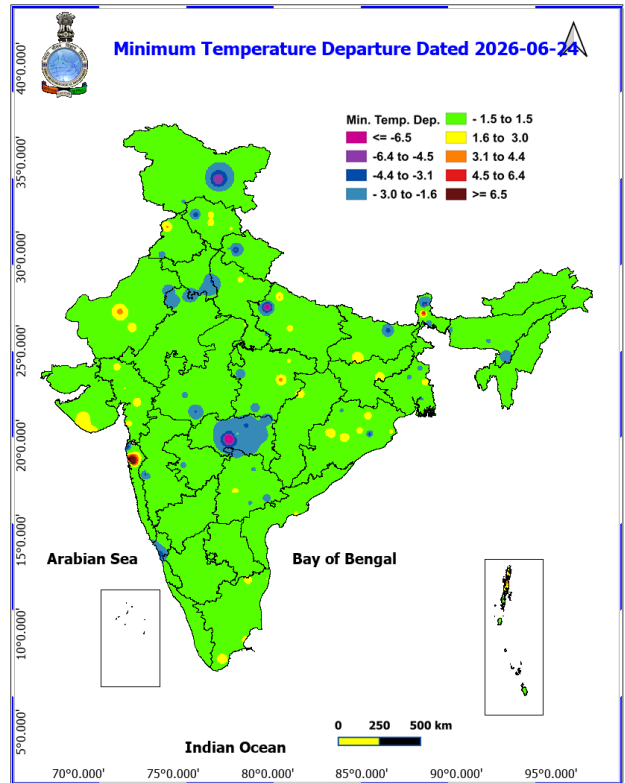
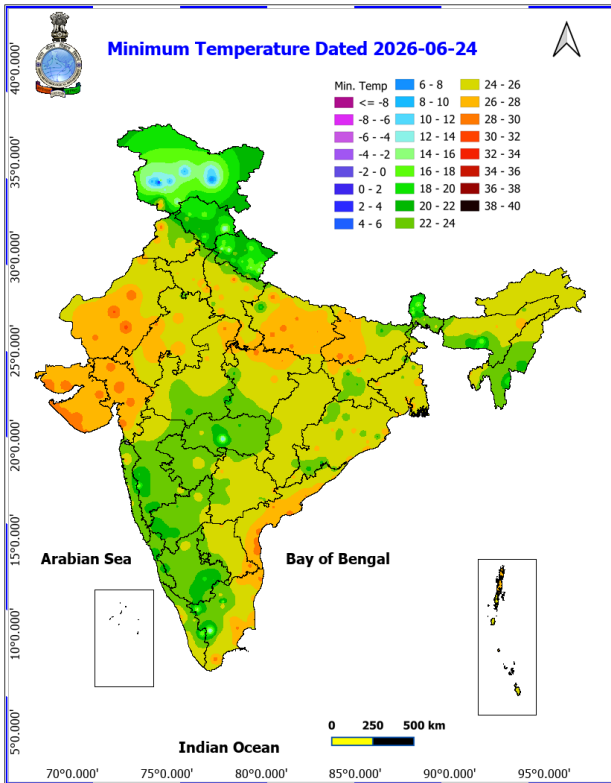
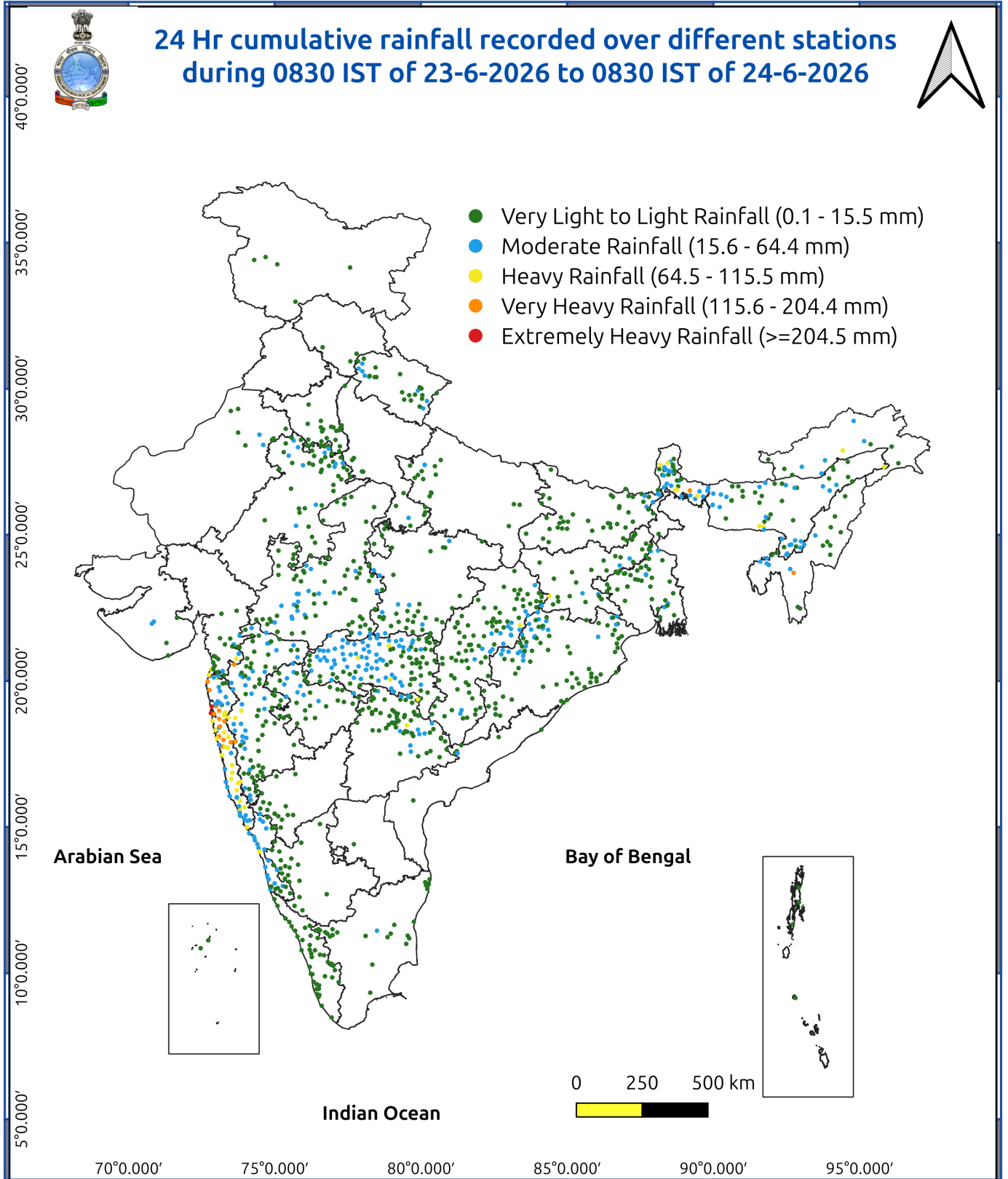


Fig. 3: Minimum Temperatures Dated 2026-06-24

Fig. 4: Departure of Minimum Temp. Dated 2026-06-24





## Impact and Actions

### Impact Expected & Action Suggested due to heavy/very heavy rainfall over

- Isolated **heavy to very heavy rainfall with extremely heavy rainfall** over Sub-Himalayan West Bengal & Sikkim on 27<sup>th</sup> & 28<sup>th</sup> June.
- Isolated **very heavy rainfall** likely over Sub-Himalayan West Bengal & Sikkim on 29th June; Jharkhand on 28th June; Assam & Meghalaya during 26th-28th June; Konkan & Goa on 24th June and on 27th June; Madhya Maharashtra on 24th June.

#### Impact Expected

- Localized Flooding of roads, water logging in low lying areas and closure of underpasses mainly in urban areas.
- Occasional reduction in visibility due to heavy rainfall.
- Disruption of traffic in major cities due to water logging in roads leading to increased travel time.
- Minor damage to kutcha roads.
- Possibilities of damage to vulnerable structure.
- Localized Landslides/Mudslides/landslips/mudslips/landsinks/mudsinks.
- Damage to horticulture and standing crops in some areas due to inundation.
- It may lead to riverine flooding in some river catchments (for riverine flooding please visit Web page of CWC)

#### Action Suggested

- Check for traffic congestion on your route before leaving for your destination.
- Follow any traffic advisories that are issued in this regard.
- Avoid going to areas that face the water logging problems often.
- Avoid staying in vulnerable structure.

### Impact expected and action suggested due to isolated thunderstorm with lightning, gusty/squally winds & hailstorm over

- **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over East Rajasthan, Haryana Chandigarh & Delhi, East Madhya Pradesh, West Uttar Pradesh, West Bengal & Sikkim on 24th June; West Rajasthan, West Madhya Pradesh, Madhya Maharashtra and Marathwada during 24th-25th June; Jharkhand on 25th June; Bihar during 24th-26th June.
- **Moderate to severe lightning activity over East & Central India on 24<sup>th</sup> & 25<sup>th</sup> June.**

#### Impact expected:

- Breaking of tree branches, uprooting of large avenue trees. Large dead limbs blown from trees. Damage to Standing crops.
- Minor to Major damage to banana and papaya trees.
- Minor to major damage to power and communication lines due to breaking of branches.
- Strong wind/hail may damage plantation, horticulture and standing crops.
- Partial damage to vulnerable structures due to strong winds.
- Minor damage to kutcha houses/walls and huts.
- Loose objects may fly.

#### Action suggested:

- People are advised to keep a watch on the weather for worsening conditions and be ready to move to safer places accordingly.
- Stay indoors, close windows & doors and avoid travel if possible.
- Take safe shelters; do not take shelter under trees.

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- Do not lie on concrete floors and do not lean against concrete walls.
- Unplug electrical/ electronic appliances.
- Immediately get out of water bodies.
- Keep away from all the objects that conduct electricity.

#### Impact expected and action suggested due to Heat wave conditions:

- **Heat wave** conditions very likely in isolated pockets over Bihar during 24th-25th June; East Madhya Pradesh on 25th June; East Uttar Pradesh during 24th-28th June; Jharkhand on 24th June.

#### Alert Areas

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

#### Agromet advisories for various parts of the country

##### Agromet advisories for likely impact of Heavy Rainfall

- In **Arunachal Pradesh**, ensure proper drainage in vegetables, maize, rice nursery and other crop fields to prevent waterlogging. Harvest mature vegetables and fruits to avoid crop losses.
- In **Assam**, ensure proper drainage arrangements for quick removal of excess water from rice nurseries, jute, ginger, turmeric, vegetables, banana, citrus and papaya. Avoid nursery sowing of *Sali* rice and sowing of jute, maize and vegetables during heavy rainfall. Cover the already seeded area with natural mulching materials like straw, farm residues etc. Provide mechanical support to the sugarcane crop to prevent lodging.
- In **Meghalaya**, ensure proper drainage channels in rice nurseries, maize, ginger, cowpea, vegetable fields and banana plantations. Protect young seedlings from direct exposure to heavy rainfall. Use propping (bamboo or wooden poles) to support heavily laden plants.
- In **Manipur**, undertake harvesting of pre-*kharif* rice and store the produce in safe place. Avoid transplanting of rice during heavy rainfall. Ensure proper drainage in soybean, chilli, ginger, turmeric, banana and other crop fields and newly transplanted seedlings and nursery crops to avoid water stagnation.
- In **Tripura**, ensure adequate drainage arrangements to remove excess water from rice and vegetable fields during heavy rainfall.
- In **Sub Himalayan West Bengal**, avoid nursery sowing of rice during heavy rainfall; protect already sown rice nursery beds with straw mulch, dry grass, or temporary polythene / agro-net covers to prevent seed washing, poor germination and seedling loss. Drain out excess water from jute, ginger, chilli, tomato and dalley khorsani fields and nurseries of *kharif* rice, finger millet and vegetables.
- In **Keralam**, drain out excess water from banana, coconut, cardamom, ginger, black pepper and vegetables. Provide staking support in banana plants and strengthen the pandals of vegetable crops. Avoid transplanting of rice during heavy rain.
- In **Coastal Karnataka**, ensure proper drainage in rice seedbeds and fruit orchards to prevent water stagnation.
- In **Konkan** and *ghat* areas of **Madhya Maharashtra**, make arrangement to drain out excess water from nurseries of rice, finger millet and vegetables.

##### Agromet advisories for likely impact of High temperatures / Heat Waves

- In **Jharkhand, Bihar** and **East Uttar Pradesh**, apply light irrigation as per requirement in vegetable crops and

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fruit orchards. Carry out mulching with crop residue, straw or polythene to conserve soil moisture. Use temporary shade nets to protect the fruit plants from high temperatures.

#### Agromet advisories for likely impact of Thunderstorm / Gusty Winds

- Shift the harvested produce in safer places or cover the produce with tarpaulin sheets in the fields. Tie the harvested crops securely and cover them to minimize the risk of displacement from strong surface winds.
- 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.

#### Livestock / Poultry / Fisheries

- Keep the animals inside the shed during heavy rainfall and provide them balanced feed.
- Store the feed and fodder in a safe place to prevent spoilage.
- In regions with high temperatures and heat wave conditions, provide clean, cool drinking water to animals, and cover the roofs of poultry sheds with grass to reduce the adverse effects of heat.
- Construct an outlet with proper netting around the ponds to drain excess water, thereby preventing fish from escaping in the event of overflow.

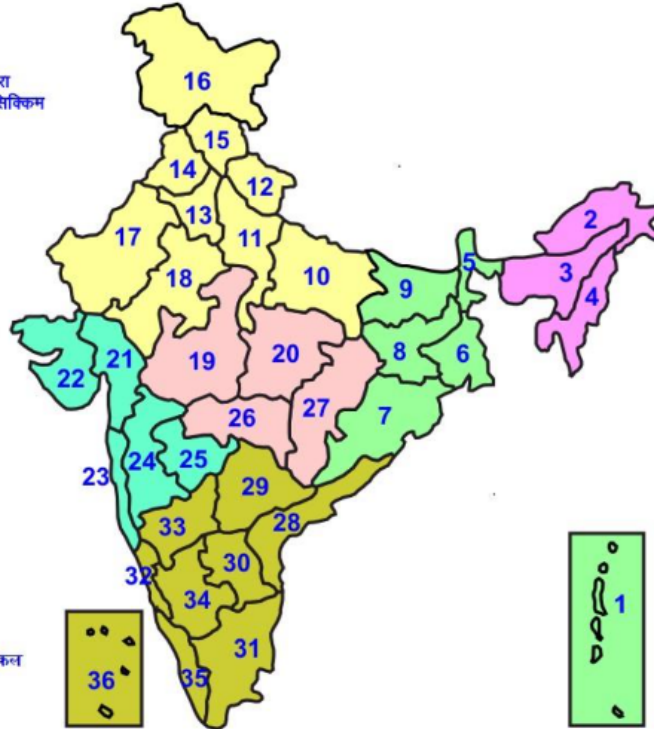
#### Legends & abbreviations:

#### Region wise classification of meteorological Sub-Divisions:

- **Northwest India:** Western Himalayan Region (Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh and Uttarakhand); Punjab, Haryana Chandigarh & Delhi; West Uttar Pradesh, East Uttar Pradesh, West Rajasthan and East Rajasthan.
- **Central India:** West Madhya Pradesh, East Madhya Pradesh, Vidarbha and Chhattisgarh.
- **East India:** Bihar, Jharkhand, Sub-Himalayan West Bengal & Sikkim; Gangetic West Bengal, Odisha and Andaman & Nicobar Islands.
- **Northeast India:** Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.
- **West India:** Gujarat Region, Saurashtra & Kutch, Coastal Maharashtra (Konkan) & Goa, Madhya Maharashtra and Marathawada.
- **South India:** Coastal Andhra Pradesh & Yanam, Telangana, Rayalaseema, Coastal Karnataka, North Interior Karnataka, South Interior Karnataka, Kerala & Mahe, Tamil Nadu, Puducherry & Karaikal and Lakshadweep.

## LEGENDS

- 1 अंडमान और निकोबार 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 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               | 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              |                 |                      |                    |

\*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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## 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  $4.5^{\circ}\text{C}$  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 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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