

2026-06-19

Time of Issue: 13:56:00 hours IST
(Mid-Day)

ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN

Significant Weather Features

Advance of Southwest Monsoon 2026:

- **The Northern Limit of Monsoon** continues to pass through 18°N/60°E, 18°N/65°E, 18°N/70°E, Harnai, Solapur, Hyderabad, Bhadrachalam, Koraput, Phulbani, Ranchi, Jamui, Muzaffarpur and 28.3°N/83°E.
- **Conditions are favourable** for further advance of southwest monsoon into some more parts of Maharashtra, Telangana, Odisha, Jharkhand & Bihar, and some parts of Chhattisgarh around 23rd June, 2026.

Weather Forecast and Warnings:

Northwest India:

- **Fairly Widespread to Widespread** rainfall likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 19th-22nd June; Himachal Pradesh during 20th-21st June.
- **Fairly Widespread to Widespread** rainfall likely over West Rajasthan during 24th-25th June.
- **Isolated to Scattered** rainfall likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 23rd-25th June; Himachal Pradesh on 19th June and during 22nd-25th June; Uttarakhand during 19th-25th June.
- **Isolated to Scattered** rainfall likely over Haryana Chandigarh & Delhi and Punjab during 19th-22nd June; West Uttar Pradesh during 19th-20th June and on 25th June; East Uttar Pradesh on 19th June and on 24th June; West Rajasthan during 19th-23rd June; East Rajasthan during 19th-25th June.
- **Isolated thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 19th-22nd June; Himachal Pradesh on 19th June; Uttarakhand during 19th-21st June, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Himachal Pradesh during 20th-22nd June.
- **Isolated thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Haryana Chandigarh & Delhi and Punjab during 19th-22nd June; East Rajasthan and West Rajasthan during 21st-23rd June, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over East Rajasthan during 24th-25th June.
- **Thundersquall (wind speed reaching 60-70 kmph gusting to 80 kmph)** likely over East Rajasthan and West Rajasthan on 19th June.
- **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over East Rajasthan and West Rajasthan on 20th June.
- **Isolated Hailstorm** activity likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 19th-20th June; Himachal Pradesh and Uttarakhand on 19th June.
- **Duststorm** activity likely over West Rajasthan during 19th-20th June.

Central India:

- **Isolated to Scattered** rainfall likely over Chhattisgarh, East Madhya Pradesh, Vidarbha and West Madhya Pradesh during 19th-25th June.
- **Isolated thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over West Madhya Pradesh during 21st-23rd June; East Madhya Pradesh during 20th-23rd June; Vidarbha during 19th-23rd June; Chhattisgarh during 22nd-23rd June.
- **Isolated thunderstorm & lightning** likely over Chhattisgarh during 19th-21st June.
- **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over West Madhya Pradesh during 19th-20th June; East Madhya Pradesh on 19th June.

East India:

- **Fairly Widespread to Widespread** rainfall likely over Andaman & Nicobar Islands, Gangetic West Bengal and Sub-Himalayan West Bengal & Sikkim during 19th-25th June; Odisha during 19th-20th June.

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

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

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

(Service to the nation since 1875)

- **Isolated to Scattered** rainfall likely over Bihar and Jharkhand during 19th-25th June; Odisha during 21st-25th June.
- **Isolated thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Andaman & Nicobar Islands and Jharkhand during 21st-25th June; Gangetic West Bengal during 19th-21st June; Bihar during 21st-23rd June and on 25th June; Odisha during 21st-23rd June, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Andaman & Nicobar Islands and Bihar during 19th-20th June; Sub-Himalayan West Bengal & Sikkim during 19th-25th June; Gangetic West Bengal during 22nd-25th June.
- **Isolated heavy rainfall** likely over Sub-Himalayan West Bengal & Sikkim during 19th-21st June and during 23rd-25th June; Gangetic West Bengal on 20th June; Bihar during 22nd-25th June; Odisha during 19th-21st June with isolated **very heavy rainfall** also likely over Sub-Himalayan West Bengal & Sikkim on 22nd June; Gangetic West Bengal on 19th June.
- **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Jharkhand and Odisha during 19th-20th June; Bihar on 24th June.

Northeast India:

- **Fairly Widespread to Widespread** rainfall likely over Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during 19th-25th June.
- **Isolated thunderstorm & lightning** likely over Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during 19th-23rd June.
- **Isolated heavy rainfall** likely over Arunachal Pradesh and Nagaland, Manipur, Mizoram & Tripura during 19th-25th June; Assam & Meghalaya during 24th-25th June with isolated **very heavy rainfall** also likely over Assam & Meghalaya during 19th-23rd June.

West India:

- **Isolated to Scattered** rainfall likely over Konkan & Goa and Saurashtra & Kutch during 19th-21st June; Gujarat Region, Madhya Maharashtra and Marathwada during 19th-25th June.
- **Fairly Widespread to Widespread** rainfall likely over Konkan & Goa during 22nd-25th June.
- **Isolated thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Madhya Maharashtra on 19th June and during 22nd-25th June; Gujarat Region, Marathwada and Saurashtra & Kutch on 19th June.
- **Isolated heavy rainfall** likely over Konkan & Goa during 23rd-24th June; Gujarat Region on 19th June.

South Peninsular India:

- **Isolated to Scattered** rainfall likely over Tamil Nadu, Puducherry & Karaikal and Telangana during 19th-25th June; Lakshadweep on 19th June; Coastal Karnataka during 19th-20th June; North Interior Karnataka during 19th-21st June and during 23rd-24th June; South Interior Karnataka during 19th-20th June and on 23rd June; Coastal Andhra Pradesh & Yanam and Rayalaseema during 19th-24th June.
- **Fairly Widespread to Widespread** rainfall likely over Kerala & Mahe during 19th-25th June; Lakshadweep during 20th-25th June; Coastal Karnataka during 21st-25th June; North Interior Karnataka on 22nd June and on 25th June; South Interior Karnataka during 21st-22nd June and during 24th-25th June; Coastal Andhra Pradesh & Yanam and Rayalaseema on 25th June.
- **Isolated thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Coastal Andhra Pradesh & Yanam and Tamil Nadu, Puducherry & Karaikal during 20th-23rd June; Kerala & Mahe during 19th-20th June; North Interior Karnataka during 19th-21st June; Rayalaseema during 19th-23rd June; Telangana during 20th-25th June, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over South Interior Karnataka on 19th June.
- **Isolated heavy rainfall** likely over Tamil Nadu, Puducherry & Karaikal during 19th-21st June; Kerala & Mahe during 19th-23rd June; Lakshadweep on 21st June; Coastal Karnataka during 21st-25th June; North Interior Karnataka and South Interior Karnataka during 22nd-23rd June.
- **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Coastal Andhra Pradesh & Yanam, Tamil Nadu, Puducherry & Karaikal and Telangana on 19th June.
- **Strong Surface Winds** likely over Coastal Karnataka, Kerala & Mahe and Lakshadweep during 21st-22nd

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

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

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

(Service to the nation since 1875)

June; South Interior Karnataka during 20th-21st June.

Forecast of maximum/day temperatures:

- Gradual fall in maximum temperatures by 2-4°C likely over East India till 20th June and no significant change thereafter.
- No significant change in maximum temperatures likely over Maharashtra till 20th June and gradual fall by 2-3°C thereafter.
- No significant change in maximum temperatures likely over the rest parts of country till 25th June, 2026.

Heat Wave, Hot & Humid weather conditions warning:

- **Heat wave** conditions very likely in isolated pockets over Bihar during 19th-22nd June; East Uttar Pradesh during 19th-24th June; Konkan & Goa, Madhya Maharashtra and Vidarbha during 19th-20th June; Marathwada on 19th June; Telangana during 19th-21st June.
- **Hot and humid** weather conditions likely to prevail over Coastal Andhra Pradesh & Yanam, Jharkhand and North Interior Karnataka during 19th-21st June; Konkan & Goa on 21st June; Rayalaseema during 19th-20th June.
- **Warm Night** conditions very likely to prevail in isolated pockets over Vidarbha on 19th June.

Fisherman Warning:

Fishermen are advised not to venture into the following areas during 19th June to 24th June, 2026:

- **Bay of Bengal:** Over Gulf of Mannar during 19th to 22nd June. Gangetic west Bengal & adjoining north & central Bay of Bengal during 21st to 24th June, along & off north Odisha on 19th June, along & off Odisha on 21st and 23rd June, over eastcentral Bay of Bengal and North Andaman Sea during 19th to 21st June.
- **Arabian Sea:** Along and off Somalia coast adjoining parts of southwest & westcentral Arabian Sea during 19th to 24th June; along & off Oman coast and adjoining parts of northwest & westcentral Arabian Sea during 20th to 23rd June.

Main Weather Observations:

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

❖ **Significant rainfall recorded(in cm)** (from 0830 hours IST of yesterday to 0830 hours IST of today): **Sub Himalayan West Bengal & Sikkim:** Champasari (dist Darjeeling) 21; Chel (dist Jalpaiguri) 20; Saraswatipur Tea Estate (dist Jalpaiguri), Washabari Tea Estate (dist Jalpaiguri) 19 Each; Gurjonghora Tea Estate (dist Jalpaiguri) 18; Ghish (dist Jalpaiguri) 17; Leesh River Tea Garden (dist Jalpaiguri) 16; Gajoldoba (dist Jalpaiguri), Good Hope Tea Estate (dist Jalpaiguri), Oodlabari Tea Estate (dist Jalpaiguri) 14 Each; Sevoke (dist Darjeeling), Zurrantee T.e (dist Jalpaiguri) 13 Each; Bagdogra IAF (dist Darjeeling), Neora (dist Jalpaiguri), Anandpur Tea Estate (dist Jalpaiguri), Baintgoorie T.e. (dist Jalpaiguri), Chalouni Tea Estate (dist Jalpaiguri), Damdim Tea Estate (dist Jalpaiguri), Kumlai T.e. (dist Jalpaiguri), Siliguri PTO (dist Darjeeling) 10 Each; Kailashpur Tea Estate (dist Jalpaiguri), Algarah (dist Kalimpong) 9 Each; Majitar (dist Pakyong), Kalimpong (dist Kalimpong), Aibheel Tea Estate (dist Jalpaiguri), Hilla T.e. (dist Jalpaiguri) 8 Each; Darjeeling (dist Darjeeling), Khanitar (dist Pakyong), Damthang (dist Namchi), Rongli (dist Pakyong), Ghatia T.e. (dist Jalpaiguri), Jiti T.e. (dist Jalpaiguri), Lava (dist Kalimpong), Mangan (dist Mangan), Beech Tea Garden (dist Alipurduar) 7 Each; Tadong (dist Gangtok), Soreng ARG (dist Soreng), Amfu Kalimpong (dist Kalimpong), Singhik (dist Mangan), Bhagatpur Tea Estate (dist Jalpaiguri), Kurti T.e. (dist Jalpaiguri), Tra Nagrakata (dist Jalpaiguri), Nagarkata (dist Jalpaiguri), Toorsa Tea Garden (dist Alipurduar) 6 Each; **Gujarat Region:** Godhra (dist Panchmahal) 14; Halol (dist Panchmahal) 13; Jambughoda (dist Panchmahal) 10; Ghoghamba (dist Panchmahal), Galteshwar (dist Kheda) 9 Each; Shahera (dist Panchmahal), Kalol (dist Panchmahal) 8 Each; Morva Hadaf (dist Panchmahal), Bodeli (dist Chhota Udepur) 7 Each; Wanakbori (dist Mahisagar), Kadi (dist Mehsana) 6 Each; **Bihar:** Galgalia (dist Kishanganj) 11; Thakurganj (dist Kishanganj) 7; Taibpur (dist Kishanganj) 6; **Gangetic West Bengal:** Labpur (dist Birbhum) 10; Canning (dist South 24 Parganas), Debagram (dist Nadia) 8 Each; Harinkhola (dist Hooghly) 7; Basirhat(pt) (dist North 24 Parganas), Burdwan PTO (dist Purba Bardhaman) 6 Each; **Tamil Nadu, Puducherry & Karaikal:** Kalasapakkam (dist Tiruvannamalai) 9; Karaikal (dist Karaikal) 6; **West Rajasthan:** Srivijaynagar SR (dist Sri Ganganagar) 8; Ratangarh (dist Churu) 6; **Telangana:** Miryalaguda (dist Nalgonda) 7; **Kerala & Mahe:** Konni (dist Pathanamthitta) 7; **Saurashtra & Kutch:** Barvala (dist Botad) 7; **Coastal Andhra Pradesh & Yanam:** Vizianagaram (dist Vizianagaram) 6; **Rayalaseema:** Venkatagiri (dist Tirupati) 6; **Arunachal Pradesh:** Pasighat AP (dist East Siang) 6; **Odisha:** Paradeep Cwr (dist Jagatsinghpur) 6; **Nagaland, Manipur, Mizoram & Tripura:** Tulashikhar (dist Khowai) 6; **Assam & Meghalaya:** Mawsynram (dist East Khasi Hills) 6.

❖ **Heavy Rainfall observed** (from 0830 hours IST of yesterday to 0830 hours IST of today): **Extremely heavy rain** at isolated places over Sub Himalayan West Bengal & Sikkim. **Heavy to very heavy rain** at isolated places over Sub Himalayan West Bengal & Sikkim and Gujarat Region. **Heavy rain** at isolated places over Gangetic West Bengal, Bihar, West Rajasthan, Saurashtra & Kutch, Tamil Nadu, Puducherry & Karaikal, Telangana and Kerala & Mahe.

❖ **Thunderstorm accompanied with Squally/Gusty winds with speed reaching 60-80 kmph** at isolated places over Tamil Nadu, Odisha **with speed reaching 40-60 kmph** at isolated places over Himachal Pradesh, Gangetic West Bengal, Uttarakhand, Madhya Pradesh, Marathawada, Jharkhand, Madhya Maharashtra, Gujarat State, Vidarbha, Chhattisgarh, Bihar, Konkan, Andaman & Nicobar Islands.

❖ **Heatwave conditions** prevailed at isolated places over East Uttar Pradesh, Bihar and Vidarbha.

❖ **Hailstorm observed** at isolated places over Jammu & Kashmir.

❖ **Minimum Temperature Departures (as on 19-06-2026): markedly above normal(> 5.1°C)** at few places over East Madhya Pradesh; at isolated places over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Odisha,

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

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

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

(Service to the nation since 1875)

Bihar, West Uttar Pradesh, Himachal Pradesh, West Madhya Pradesh, Saurashtra & Kutch and Vidarbha. **appreciably above normal(3.1°C to 5.0°C)** at few places over Konkan & Goa, Marathwada and Rayalaseema; at isolated places over Andaman & Nicobar Islands, East Uttar Pradesh, Haryana-Chandigarh-Delhi, West Rajasthan, Gujarat Region, Coastal Andhra Pradesh & Yanam, Telangana, Tamil Nadu, Puducherry & Karaikal and North Interior Karnataka. **above normal(1.6°C to 3.0°C)** at many places over Lakshadweep; at few places over Arunachal Pradesh, Jharkhand, Coastal Karnataka and South Interior Karnataka; at isolated places over Uttarakhand, Punjab, East Rajasthan and Madhya Maharashtra. **near normal(-1.5°C to 1.5°C)** at most places over Sub Himalayan West Bengal & Sikkim, Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad, Chhattisgarh and Kerala & Mahe; at isolated places over Gangetic West Bengal. **The lowest minimum temperature** of 18.0°C was reported at HALFLONG (ASSAM) over the Plains of India.

❖ **Maximum Temperature Departures (as on 18-06-2026):** **appreciably above normal(3.1°C to 5.0°C)** at most places over West Uttar Pradesh and Himachal Pradesh; at few places over East Uttar Pradesh; at isolated places over Tamil Nadu, Puducherry & Karaikal. **above normal(1.6°C to 3.0°C)** at few places over East Madhya Pradesh. **near normal(-1.5°C to 1.5°C)** at most places over West Rajasthan, West Madhya Pradesh and Konkan & Goa; at few places over Coastal Andhra Pradesh & Yanam and Rayalaseema. **The highest maximum temperature** of **43.2°C** was reported at **Banda** (UTTAR PRADESH).

Meteorological Analysis (Based on 0830 hours IST)

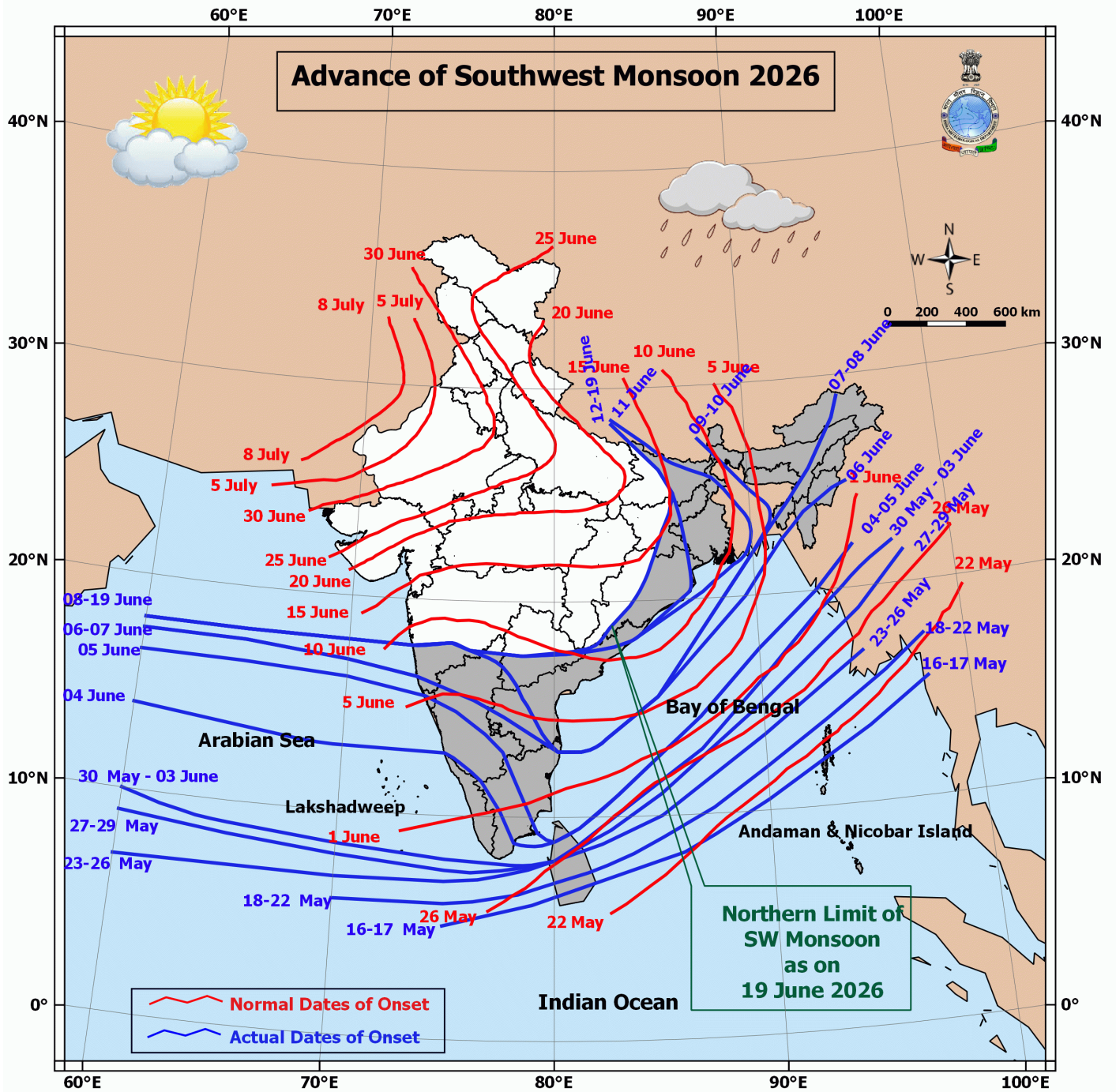
- **The Northern Limit of Monsoon** continues to pass through 18°N/60°E, 18°N/65°E, 18°N/70°E, Harnai, Solapur, Hyderabad, Bhadrachalam, Koraput, Phulbani, Ranchi, Jamui, Muzaffarpur and 28.3°N/83°E.
- **Conditions are favourable** for further advance of southwest monsoon into some more parts of Maharashtra, Telangana, Odisha, Jharkhand & Bihar, and some parts of Chhattisgarh around 23rd June, 2026.
- The **seasonal trough** at mean sea level from Punjab to Bihar across Haryana and Uttar Pradesh persists.
- The **Western Disturbance** now seen as a **cyclonic circulation** over north Punjab & neighbourhood between 3.1 & 5.8 km above mean sea level tilting northwestwards with height.
- An **induced upper air cyclonic circulation** lies over Punjab & neighbourhood at 1.5 km above mean sea level.
- An **upper air cyclonic circulation** lies over southwest Madhya Pradesh & neighbourhood at 5.8 km above mean sea level.
- The **trough** from the above cyclonic circulation over Southwest Madhya Pradesh to East Central Arabian Sea across Madhya Maharashtra and Konkan at 5.8 km above mean sea level persists.
- The **trough** from east Vidarbha to Tamil Nadu across Telangana and Andhra Pradesh at 0.9 km above mean sea level persists.
- The **upper air cyclonic circulation** over South East Arabian Sea & adjoining Kerala now lies over north Lakshadweep & neighbourhood at 3.1 km above mean sea level.
- The **upper air cyclonic circulation** over Northwest Uttar Pradesh & neighbourhood at 3.1 km above mean sea level has become less marked.
- The **upper air cyclonic circulation** over north Gujarat adjoining southeast Rajasthan at 0.9 km above mean sea level has become less marked.
- The **upper air cyclonic circulation** over Central parts of Assam at 0.9 km above mean sea level has become less marked.

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

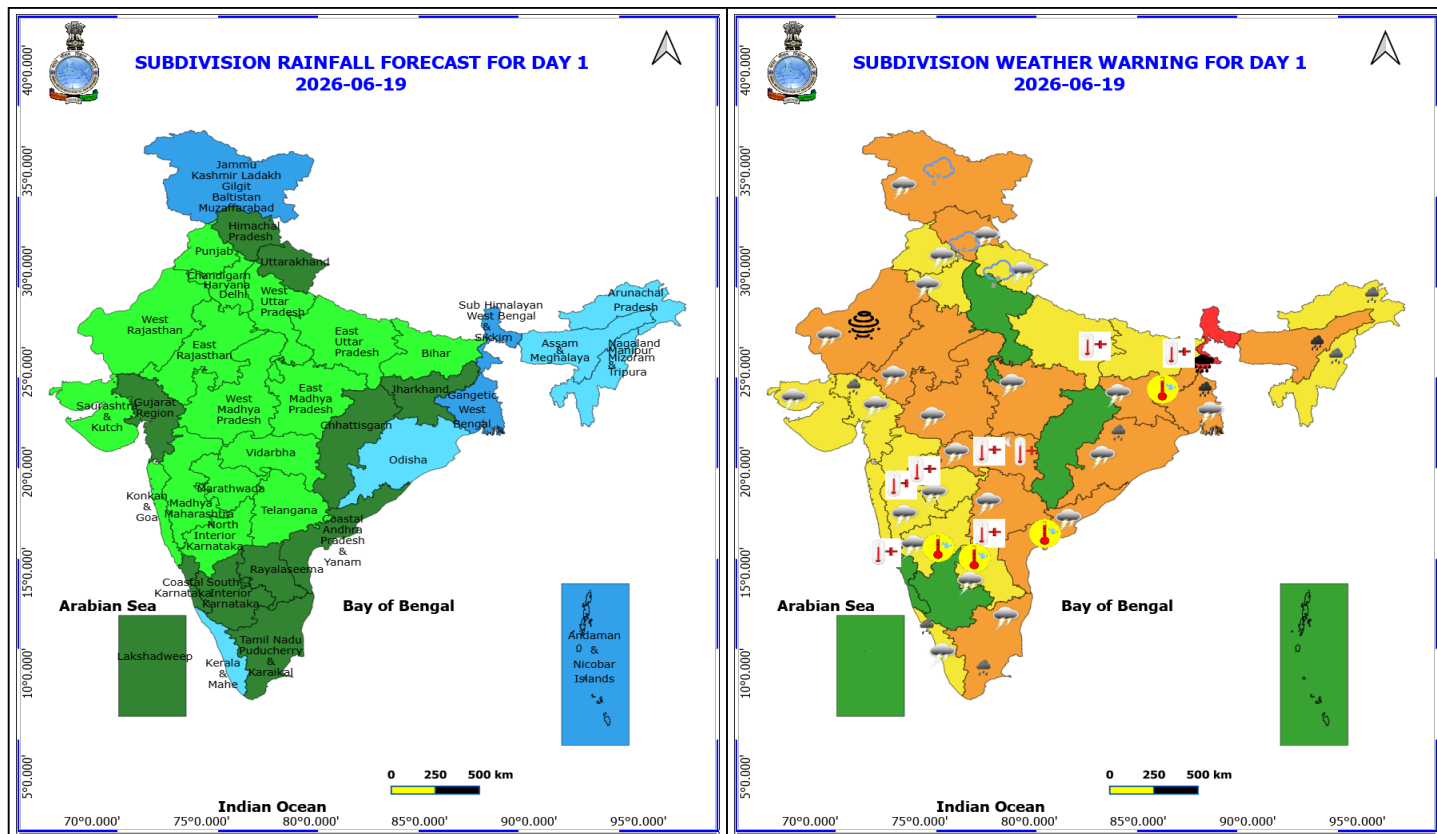
Forecast and warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day

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

(Service to the nation since 1875)



*Red color warning does not mean "Red Alert" Red color warning means "Take Action"
 Forecast and warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day
 For more details kindly visit <https://mausam.imd.gov.in> or contact 011-2434-4599
 (Service to the nation since 1875)



19 June (Day 1)

- ❖ **Heavy to Very Heavy Rainfall with isolated Extremely Heavy Rainfall** very likely at isolated places over Sub Himalayan West Bengal & Sikkim.
- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Assam & Meghalaya and Gangetic West Bengal.
- ❖ **Heavy Rainfall** very likely at isolated places over Arunachal Pradesh, Gujarat Region, Kerala & Mahe, Nagaland, Manipur, Mizoram and Tripura, Odisha and Tamil Nadu Puducherry & Karaikal.
- ❖ **Thunderstorm accompanied with Hailstorm** very likely at isolated places over Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Uttarakhand.
- ❖ **Thundersquall with wind speed reaching(60-70kmph) gusting to 80 kmph** very likely at isolated places over Rajasthan.
- ❖ **Thundersquall with wind speed reaching(50-60kmph)** very likely at isolated places over Coastal Andhra Pradesh, Jharkhand, Madhya Pradesh, Odisha, Tamil Nadu Puducherry & Karaikal and Telangana.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Gangetic West Bengal, Gujarat State, Haryana, Chandigarh & Delhi, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Kerala & Mahe, Maharashtra, North Interior Karnataka, Punjab, Rayalaseema and Uttarakhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Andaman & Nicobar Islands, Bihar, South Interior Karnataka and Sub Himalayan West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Arunachal Pradesh, Assam &

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

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

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

(Service to the nation since 1875)

Meghalaya, Chhattisgarh and Nagaland, Manipur, Mizoram and Tripura.

❖ **Dust Storm** very likely at isolated places over West Rajasthan.

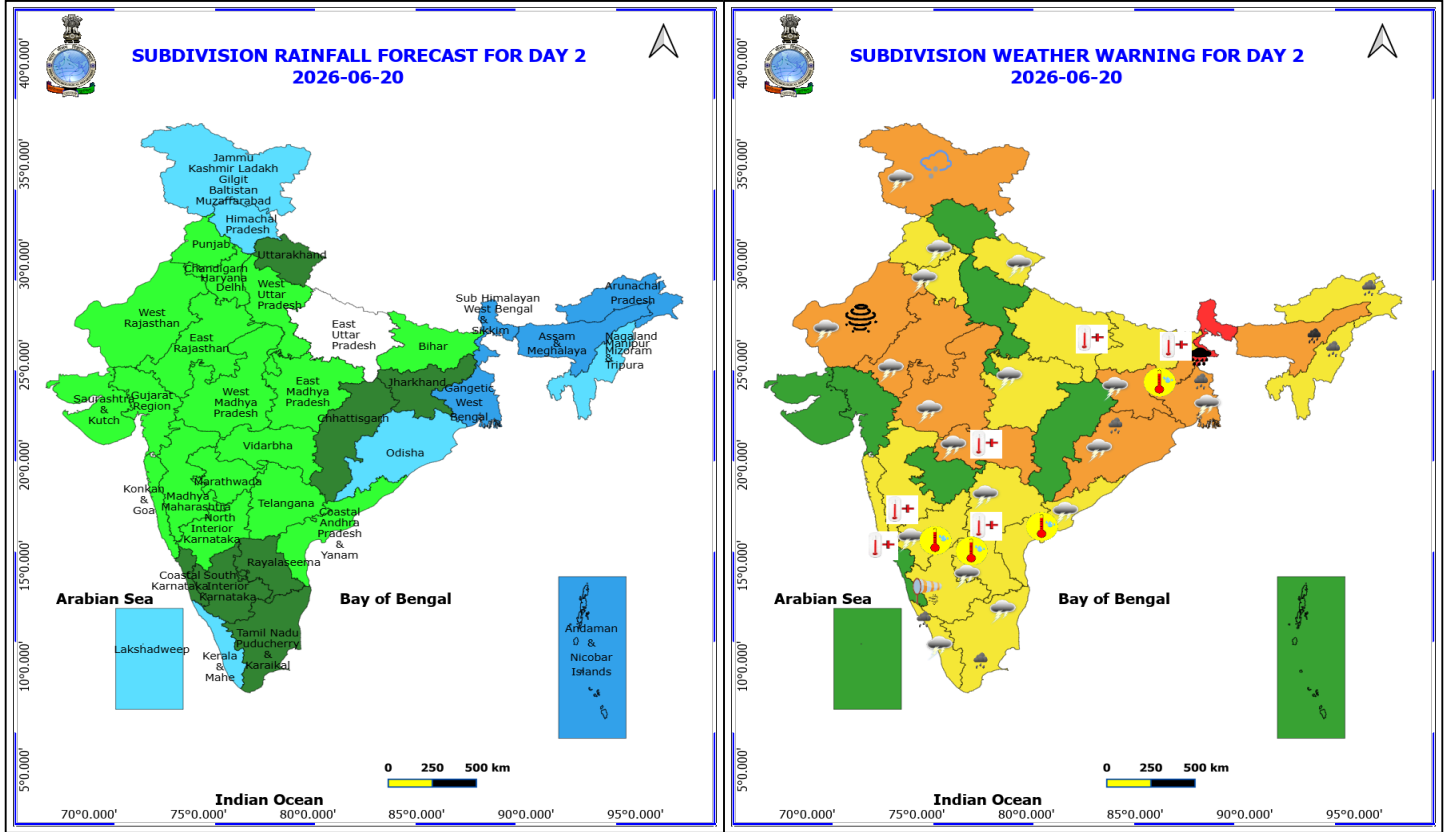
❖ **Heat Wave conditions** very likely at isolated places over Bihar, East Uttar Pradesh, Konkan & Goa, Maharashtra and Telangana.

❖ **Hot and Humid weather** very likely at isolated places over Andhra Pradesh, Jharkhand and North Interior Karnataka.

❖ **Warm Night conditions** very likely at isolated places over Vidarbha.

❖ **Arabian Sea: Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail along and off Somalia, some parts of southwest 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, along and off Odisha, Gangetic west Bengal, some parts of northwest & eastcentral Bay of Bengal and adjoining areas of north Andaman Sea.

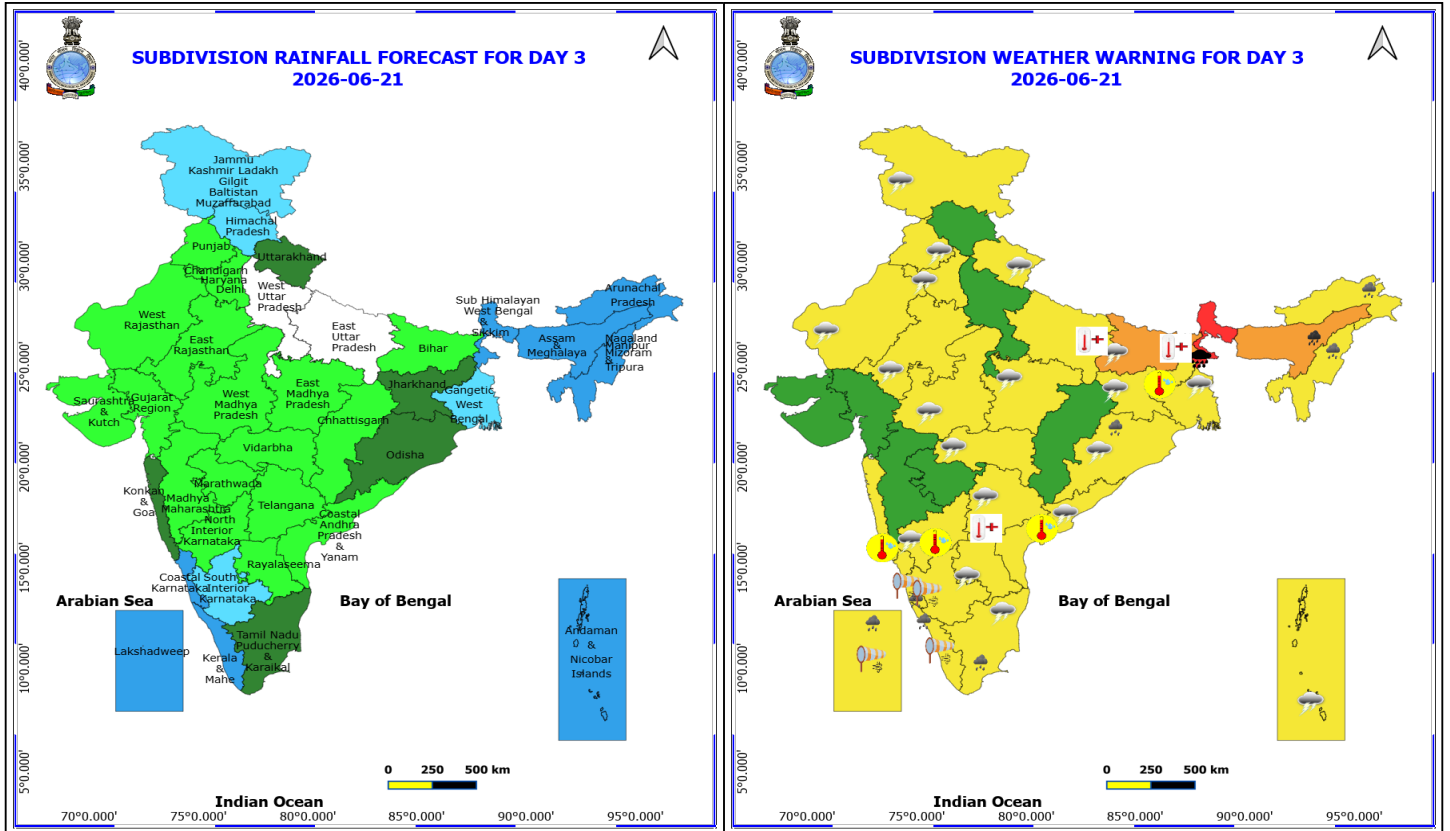


20 June (Day 2)

- ❖ **Heavy to Very Heavy Rainfall with isolated Extremely Heavy Rainfall** very likely at isolated places over Sub Himalayan West Bengal & Sikkim.
- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Assam & Meghalaya.
- ❖ **Heavy Rainfall** very likely at isolated places over Arunachal Pradesh, Gangetic West Bengal, Kerala & Mahe, Nagaland, Manipur, Mizoram and Tripura, Odisha and Tamil Nadu Puducherry & Karaikal.
- ❖ **Thunderstorm accompanied with Hailstorm** very likely at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad.
- ❖ **Thundersquall with wind speed reaching(50-60kmph)** very likely at isolated places over Jharkhand, Odisha, Rajasthan and West Madhya Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Andhra Pradesh, East Madhya Pradesh, Gangetic West Bengal, Haryana, Chandigarh & Delhi, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Kerala & Mahe, North Interior Karnataka, Punjab, Tamil Nadu Puducherry & Karaikal, Telangana, Uttarakhand and Vidarbha.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Andaman & Nicobar Islands, Bihar, Himachal Pradesh and Sub Himalayan West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh and Nagaland, Manipur, Mizoram and Tripura.
- ❖ **Dust Storm** very likely at isolated places over West Rajasthan.

***Red color warning does not mean "Red Alert" Red color warning means "Take Action"**
 Forecast and warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day
 For more details kindly visit <https://mausam.imd.gov.in> or contact 011-2434-4599
 (Service to the nation since 1875)

- ❖ **Strong Surface Winds** very likely at isolated places over South Interior Karnataka.
 - ❖ **Heat Wave conditions** very likely at isolated places over Bihar, East Uttar Pradesh, Konkan & Goa, Madhya Maharashtra, Telangana and Vidarbha.
 - ❖ **Hot and Humid weather** very likely at isolated places over Andhra Pradesh, Jharkhand and North Interior Karnataka.
-
- ❖ **Arabian Sea: Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail along and off Somalia coast, few parts of southwest Arabian sea, along and off North Oman coasts adjoining northwest 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, some parts of northwest and adjoining westcentral Bay of Bengal, some parts of eastcentral Bay of Bengal and north Andaman Sea.



21 June (Day 3)

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

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

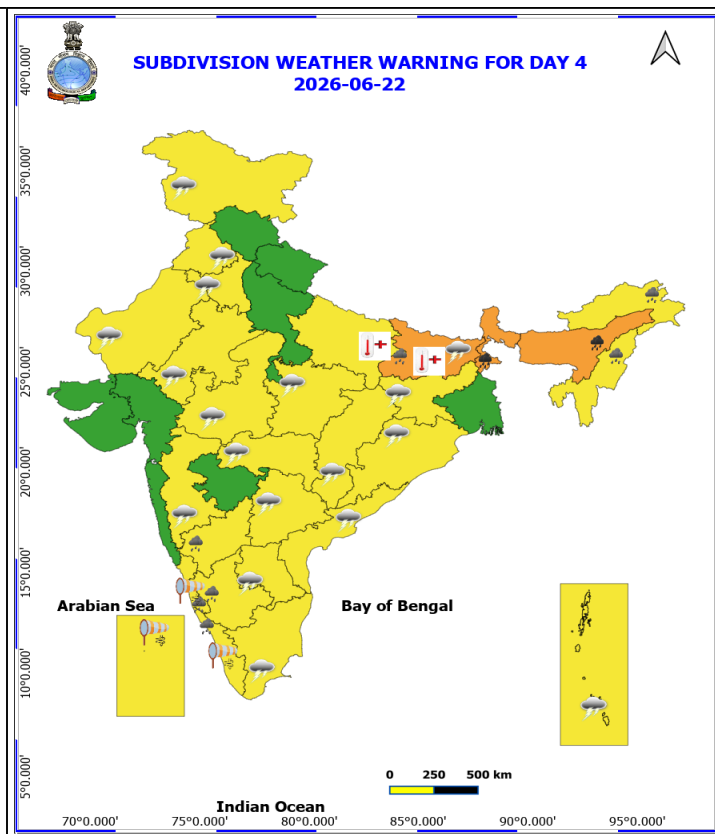
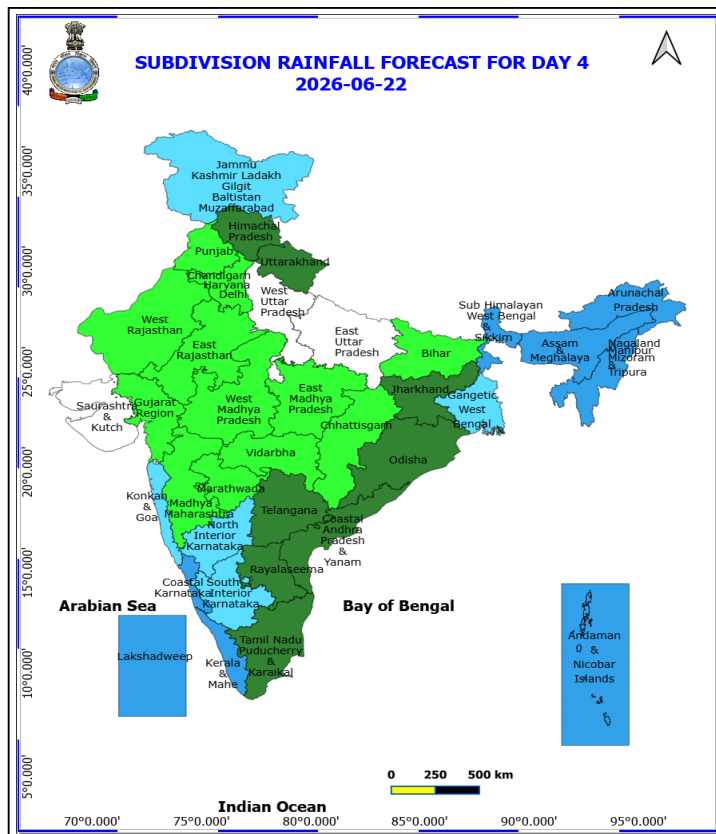
Forecast and warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day

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

(Service to the nation since 1875)



- ❖ **Arabian Sea: Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail along and off Somalia, some parts of southwest & adjoining westcentral Arabian sea, along & off Oman coast and adjoining westcentral Arabian Sea.
- ❖ Along & off south Konkan, Goa, Karnataka, Kerala coasts, Lakshadweep, Maldives and adjoining Comorin area, Gulf of Mannar and adjoining eastcentral & southeast 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, along and off Odisha, Gangetic west Bengal, some parts of north and adjoining central Bay of Bengal.



22 June (Day 4)

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

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

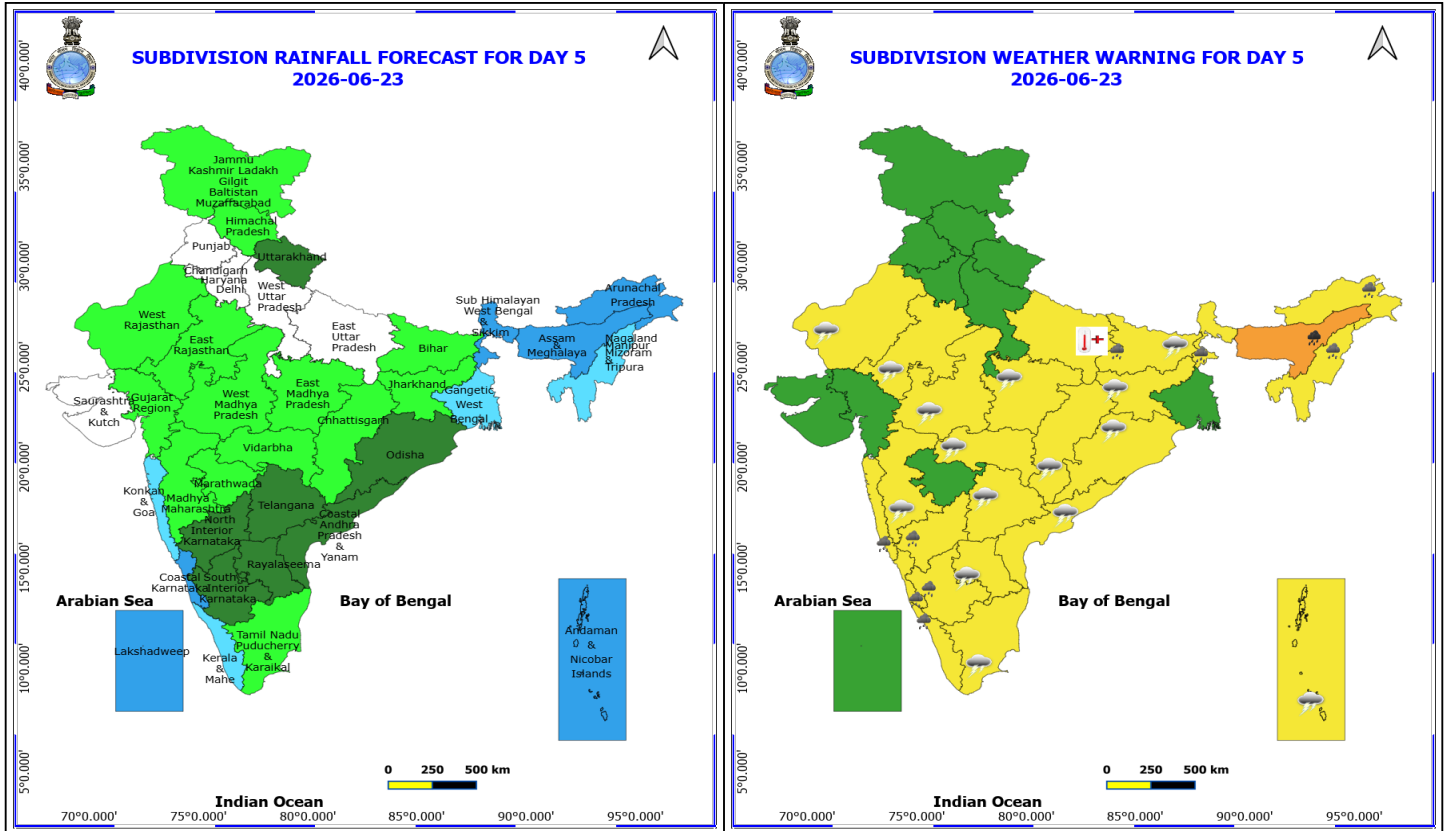
Forecast and warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day

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

(Service to the nation since 1875)



❖ **Bay of Bengal: Squally Weather with wind speed 40-50 kmph gusting to 60 kmph** is likely to prevail over Gangetic West Bengal, many parts of north and adjoining central Bay of Bengal.



23 June (Day 5)

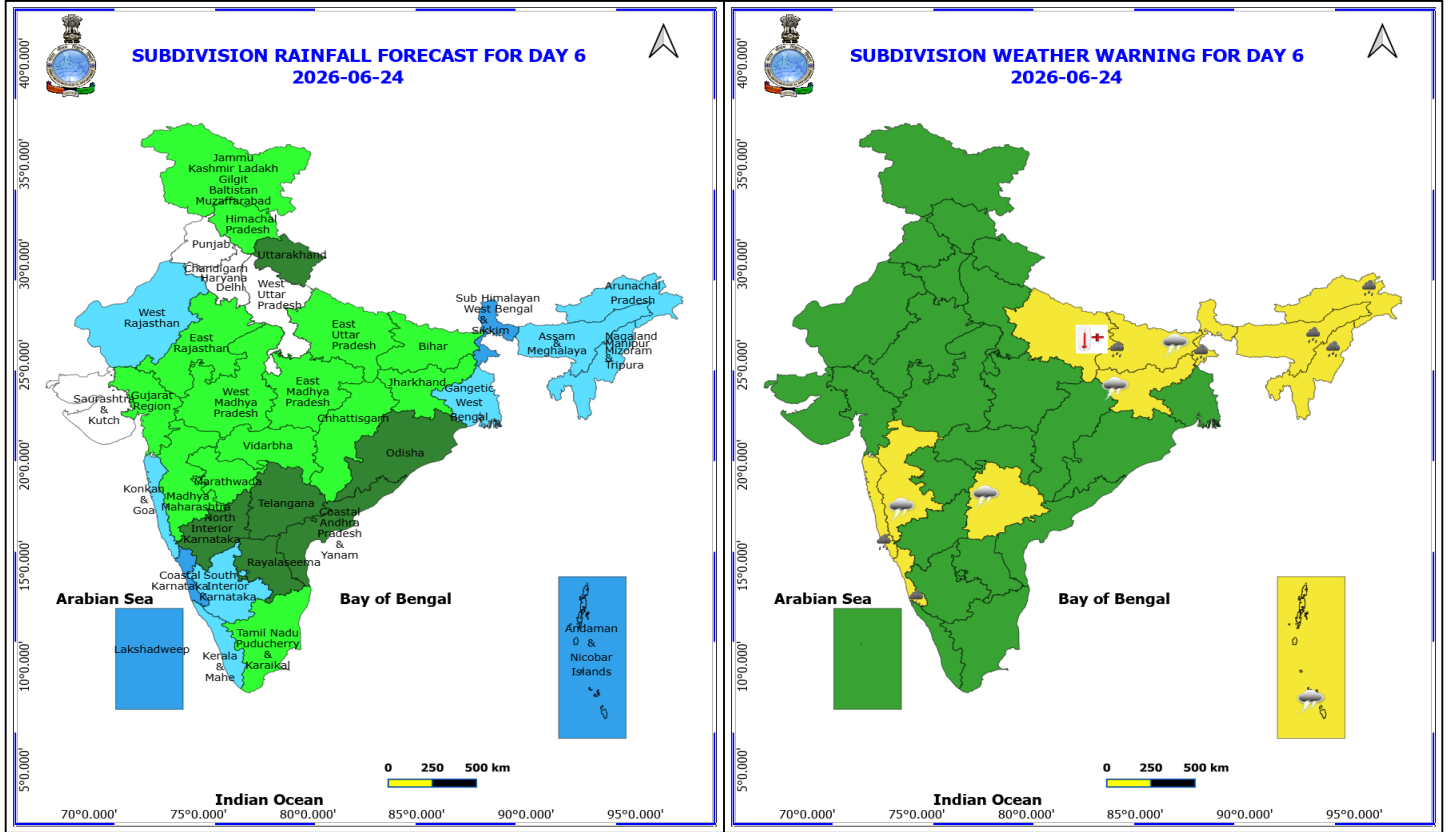
- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Assam & Meghalaya.
 - ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Bihar, Karnataka, Kerala & Mahe, Konkan & Goa, Nagaland, Manipur, Mizoram and Tripura and Sub Himalayan West Bengal & Sikkim.
 - ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands, Andhra Pradesh, Bihar, Chhattisgarh, Jharkhand, Madhya Maharashtra, Madhya Pradesh, Odisha, Rajasthan, Tamil Nadu Puducherry & Karaikal, Telangana and Vidarbha.
 - ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over West Bengal & Sikkim.
 - ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya 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 & Oman coast, some parts of westcentral & adjoining some parts southwest Arabian sea.
 - ❖ Along & off Konkan, Goa, Karnataka, coasts and adjoining parts of eastcentral Arabian Sea.
 - ❖ **Bay of Bengal: Squally Weather with wind speed 40-50 kmph gusting to 60 kmph** is likely to prevail over Gangetic West Bengal, most parts of north and adjoining eastcentral Bay of Bengal.

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

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

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

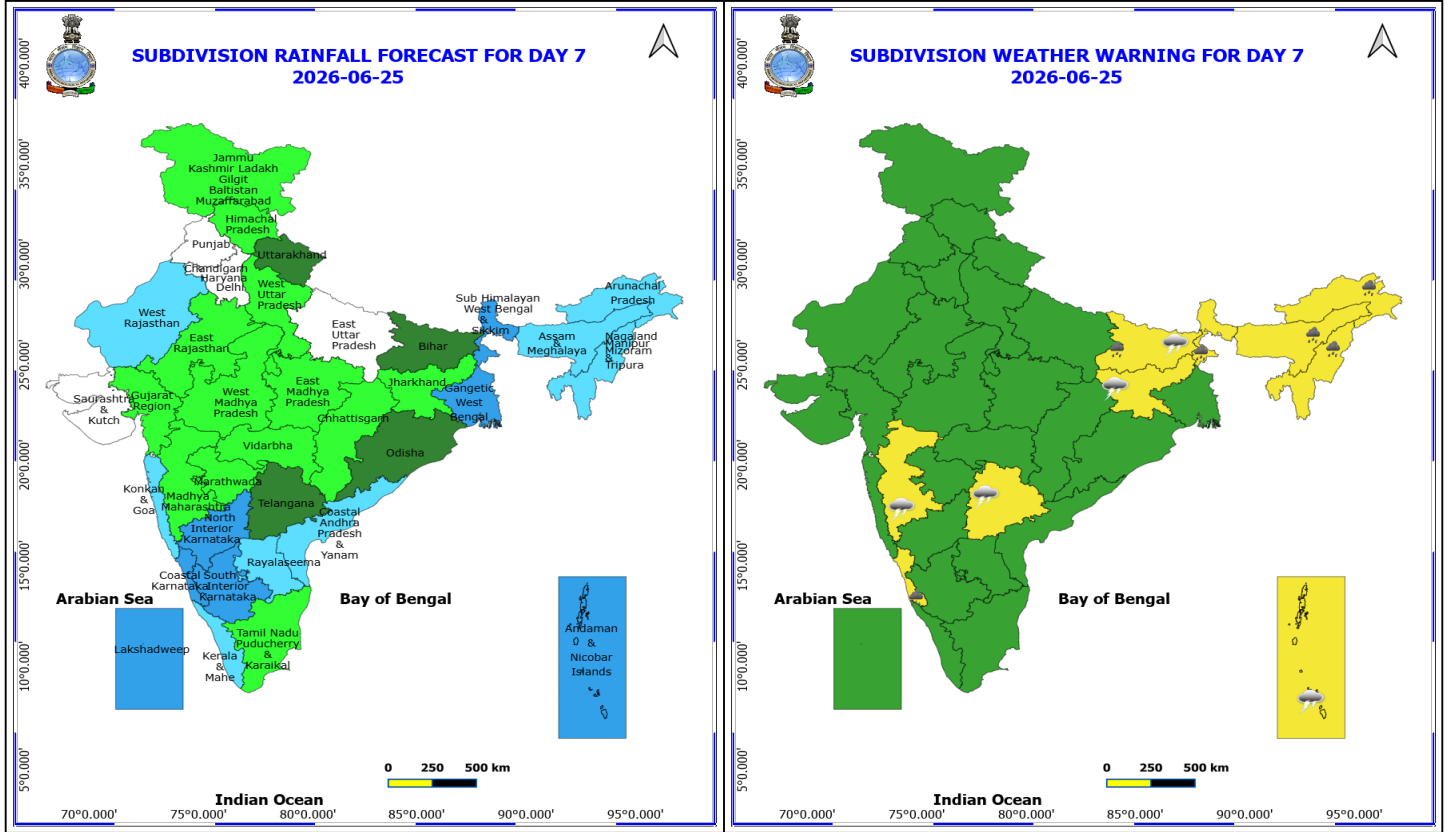
(Service to the nation since 1875)



24 June (Day 6)

- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Bihar, Coastal Karnataka, Konkan & Goa, Nagaland, Manipur, Mizoram and Tripura and Sub Himalayan West Bengal & Sikkim.
- ❖ **Thundersquall with wind speed reaching(50-60kmph)** likely at isolated places over Bihar.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands, Jharkhand, Madhya Maharashtra and Telangana.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over East Rajasthan and West Bengal & Sikkim.
- ❖ **Heat Wave conditions** likely at isolated places over East Uttar Pradesh.

No Fishermen Warning



25 June (Day 7)

- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Bihar, Coastal Karnataka, Nagaland, Manipur, Mizoram and Tripura and Sub Himalayan West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands, Bihar, Jharkhand, Madhya Maharashtra and Telangana.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over East Rajasthan and West Bengal & Sikkim.

No Fishermen Warning

***Red color warning does not mean "Red Alert" Red color warning means "Take Action"**
 Forecast and warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day
 For more details kindly visit <https://mausam.imd.gov.in> or contact 011-2434-4599
 (Service to the nation since 1875)



Table-1

7 Days Rainfall Forecast

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

*Red color warning does not mean "Red Alert" Red color warning means "Take Action"
Forecast and warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day
For more details kindly visit <https://mausam.imd.gov.in> or contact 011-2434-4599

(Service to the nation since 1875)

Fig. 1: Maximum Temperatures Dated 2026-06-18

Fig. 2: Departure of Maximum Temp. Dated 2026-06-18

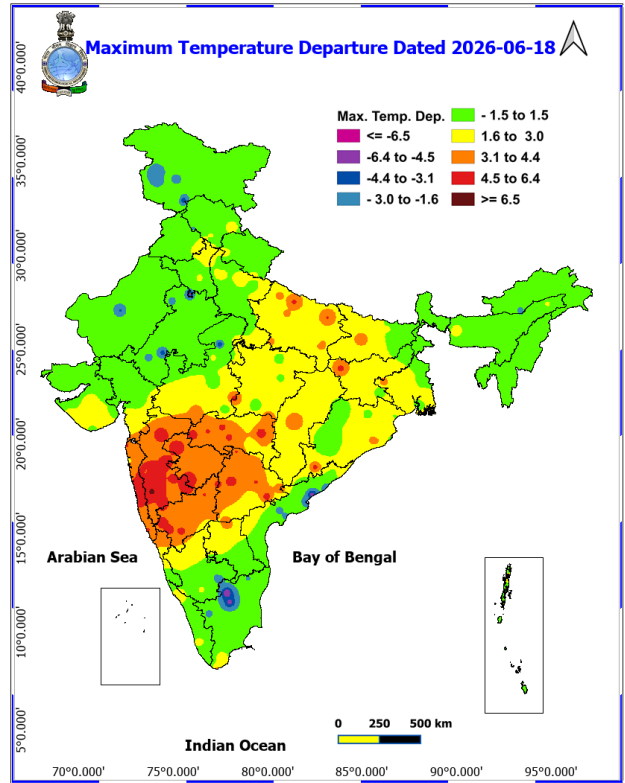
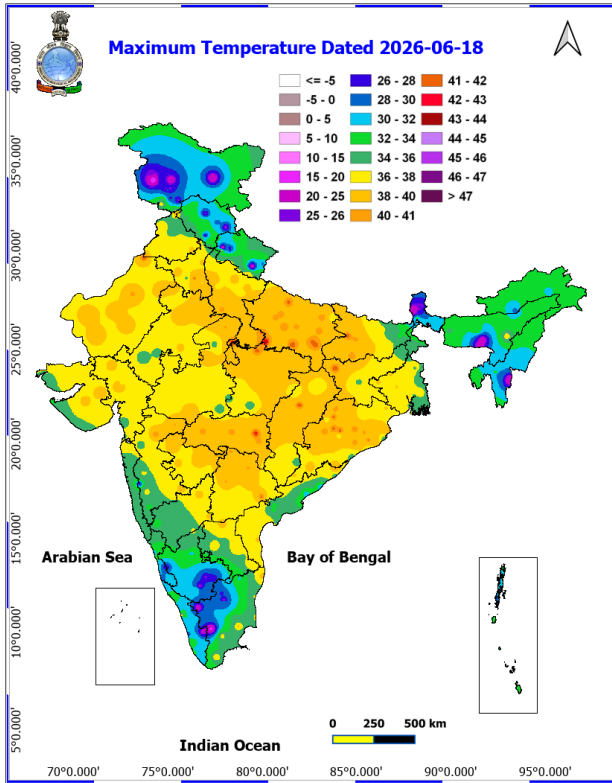
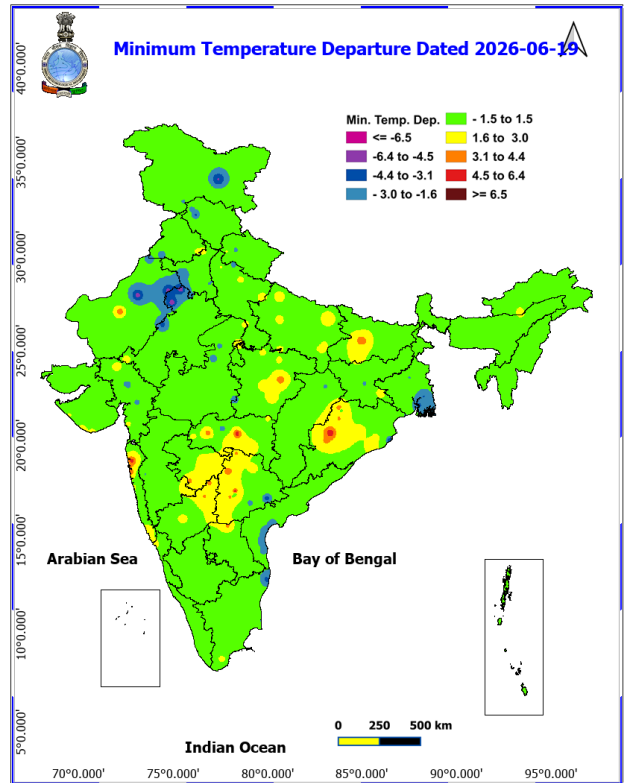
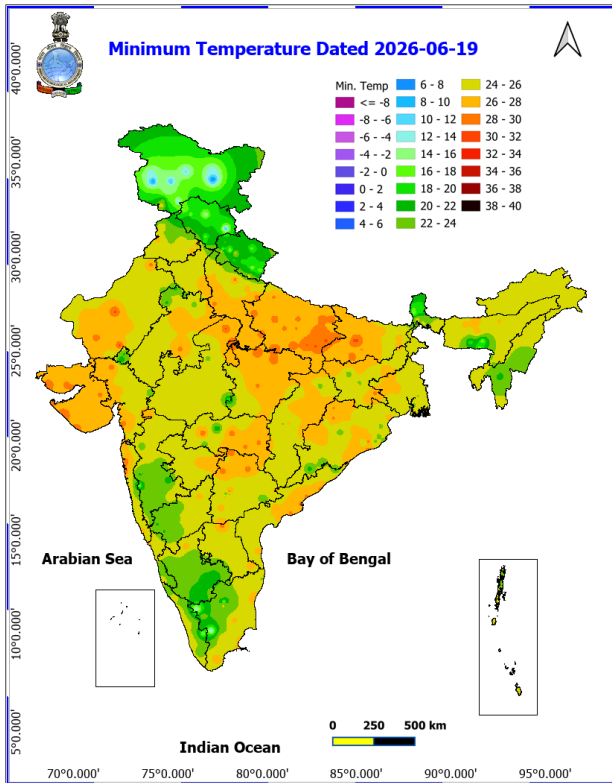
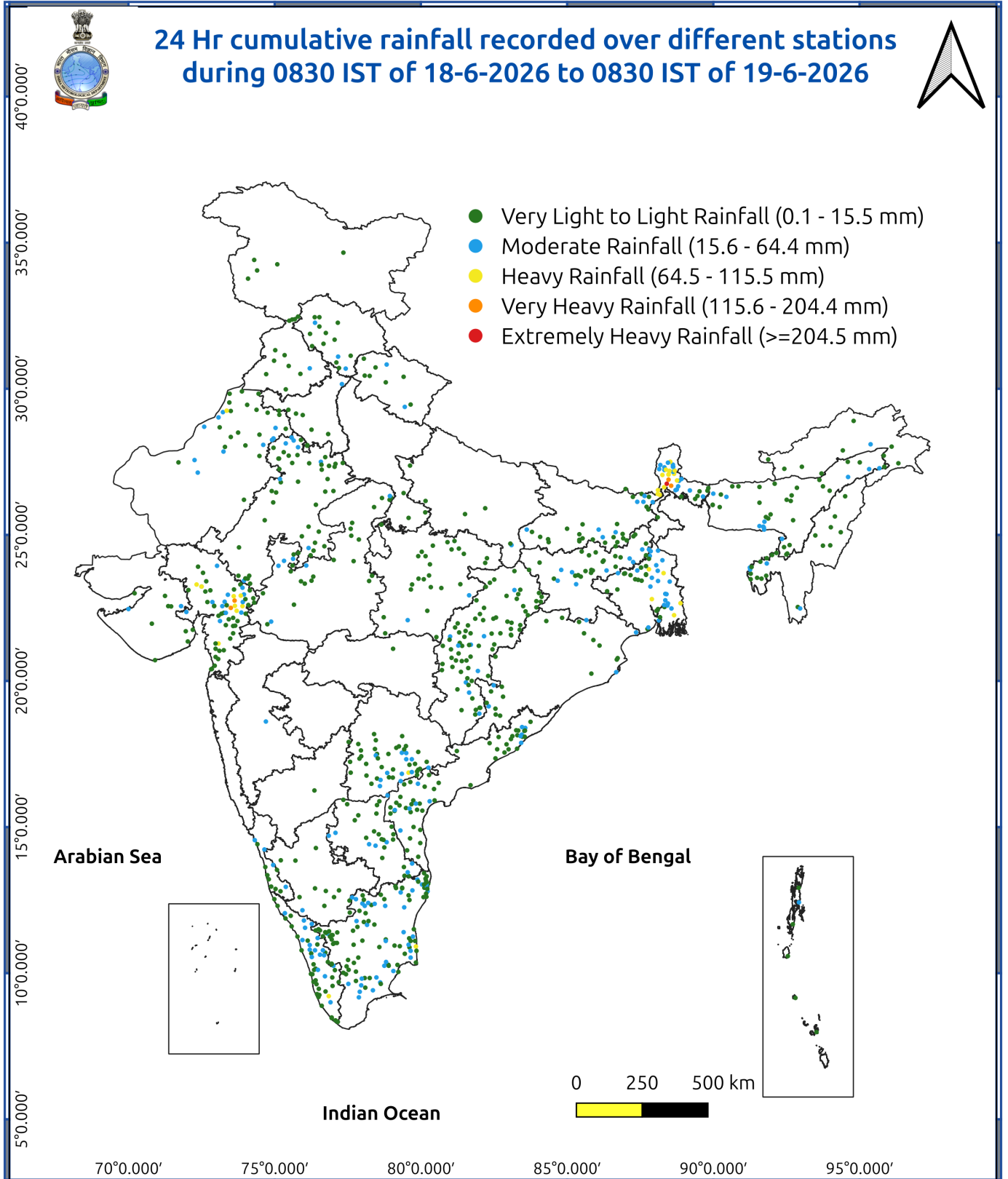


Fig. 3: Minimum Temperatures Dated 2026-06-19

Fig. 4: Departure of Minimum Temp. Dated 2026-06-19





Impact and Actions

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

- Isolated **very heavy rainfall** likely over Sub-Himalayan West Bengal & Sikkim on 22nd June; Gangetic West Bengal on 19th June; Assam & Meghalaya during 19th-23rd 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 60-70 kmph gusting to 80 kmph)** likely over East Rajasthan and West Rajasthan on 19th June.
- **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over East Rajasthan and West Rajasthan on 20th June; West Madhya Pradesh during 19th-20th June; East Madhya Pradesh on 19th June; Jharkhand and Odisha during 19th-20th June; Bihar on 24th June; Coastal Andhra Pradesh & Yanam, Tamil Nadu, Puducherry & Karaikal and Telangana on 19th June.
- Isolated **Hailstorm** activity likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 19th-20th June; Himachal Pradesh and Uttarakhand on 19th 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.

***Red color warning does not mean "Red Alert" Red color warning means "Take Action"**
Forecast and warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day
For more details kindly visit <https://mausam.imd.gov.in> or contact 011-2434-4599

(Service to the nation since 1875)

- 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 19th-22nd June; East Uttar Pradesh during 19th-24th June; Konkan & Goa, Madhya Maharashtra and Vidarbha during 19th-20th June; Marathwada on 19th June; Telangana during 19th-21st 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 Hailstorms

- In **Jammu & Kashmir, Himachal Pradesh** and **Uttarakhand**, use hail nets or hail caps in fruit orchards and vegetable plants to protect them from mechanical damage. Ensure effective field drainage to prevent waterlogging. Undertake picking of matured fruits at the earliest. Keep the harvested produce in safe places.

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, vegetables, banana, citrus and papaya. Avoid nursery sowing of *Sali* rice during heavy rainfall. Cover the rice nursery beds with thin polythene sheet. Provide mechanical support to the sugarcane crop to prevent lodging.
- In **Meghalaya**, ensure proper drainage channels in 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 **Sub Himalayan West Bengal**, harvest green gram pods and cover the grains by tarpaulins to protect it from rain or store it in dry place. Keep the harvested produce of rice and other vegetables in safe and dry place. Provide adequate drainage in jute, ginger, tomato and dalley khorsani fields and nurseries of *kharif* rice 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 **Tamil Nadu**, maintain proper drainage in rice, cumbu, groundnut, sugarcane, banana and vegetables. Keep the harvested produce at safe places.

Agromet advisories for likely impact of High temperatures / Heat Waves

***Red color warning does not mean "Red Alert" Red color warning means "Take Action"**
Forecast and warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day
For more details kindly visit <https://mausam.imd.gov.in> or contact 011-2434-4599

(Service to the nation since 1875)

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

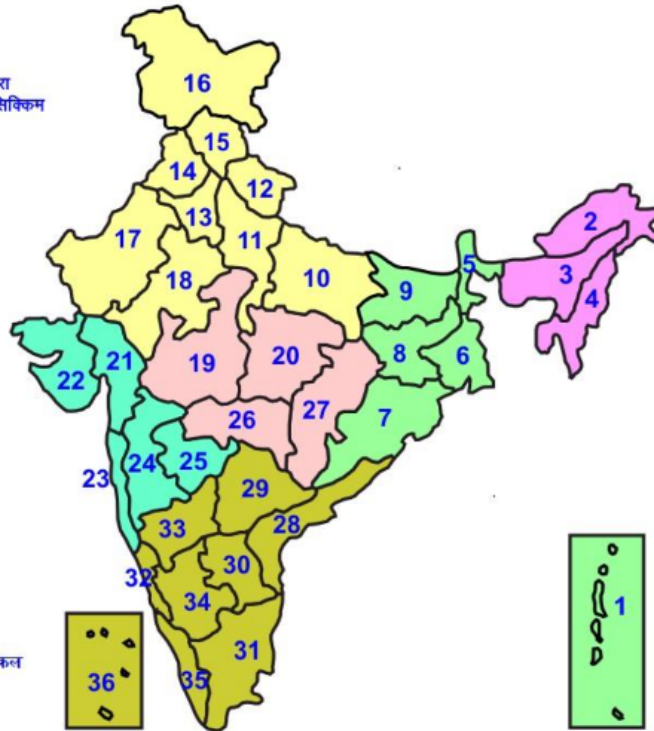
Legends & abbreviations:

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 Marathwada.
- **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 बांग्लेश
- 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

(Service to the nation since 1875)

LEGENDS

WARNING

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

Probabilistic Forecast

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



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



When maximum temperature of a station reaches $\geq 40^{\circ}\text{C}$ for plains and $\geq 30^{\circ}\text{C}$ for hilly regions
(a) Based on Departure from normal

Heat Wave: Maximum Temperature Departure from normal 4.5°C to 6.4°C .
Severe Heat Wave: Maximum Temperature Departure from normal $\geq 6.5^{\circ}\text{C}$

(b). Based on Actual maximum temperature

Heat Wave: When actual maximum temperature $\geq 45^{\circ}\text{C}$.
Severe Heat Wave: When actual maximum temperature $\geq 47^{\circ}\text{C}$

(c). Criteria for heat wave for coastal stations

When maximum temperature departure is $> 4.5^{\circ}\text{C}$ from normal. Heat Wave may be described provided maximum temperature $\geq 37^{\circ}\text{C}$



When maximum temperature remains 40°C

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



When minimum temperature of a station $\leq 10^{\circ}\text{C}$ for plains and $\leq 0^{\circ}\text{C}$ for hilly regions.

(a). Based on departure

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

(b) Based on actual Minimum Temperature (for Plains only)

Cold Wave : When Minimum Temperature is $\leq 4.0^{\circ}\text{C}$
Severe Cold Wave: When Minimum Temperature is $\leq 2.0^{\circ}\text{C}$

(c) For Coastal Stations

When Minimum Temperature departure is $\leq -4.5^{\circ}\text{C}$ & actual Minimum Temperature is $\leq 15^{\circ}\text{C}$



When minimum temperature of a station $\leq 10^{\circ}\text{C}$ for plains and $\leq 0^{\circ}\text{C}$ for hilly regions
Based on departure

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



Phenomenon of small droplets suspended in air and the horizontal visibility $< 1\text{km}$

Moderate Fog: When the visibility between 500-200 metres
Dense Fog: when the visibility between 50- 200 metres
Very Dense Fog: when the visibility < 50 metres



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



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



Ice deposits on ground

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



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

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



Effect of various waves in the sea over specific area

Rough to very rough: Wind speed 41-62 kmph (22-33 knots) & Wave height 2.5-6 metre
High to very high: Wind speed 63-117 kmph (34-63 knots) & Wave height 6-14 metre
Phenomenal: Wind speed > 117 kmph (> 63 knots) & Wave height > 14 metre



Cyclonic Storm: Wind speed 62-87 kmph (34-47 knots)
Severe Cyclonic Storm: Wind speed 88-117 kmph (48-63 knots)
Very Severe Cyclonic Storm: Wind speed 118-165 kmph (64 - 89 knots)
Extremely Severe Cyclonic Storm: Wind speed 166-220 kmph (90 -119 knots)
Super Cyclone Storm: Wind speed > 220 kmph (> 119 knots)

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

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

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

(Service to the nation since 1875)