

2026-05-19

Time of Issue: 14:41:00 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 6°N/70°E, 6°N/75°E, 7°N/80°E, 9°N/85°E, 12°N/90°E, 14°N/93°E, 16°N/96°E and 17.5°N/98°E.
- Conditions are favourable for further advance of southwest monsoon into some more parts of southeast Arabian Sea, Comorin Area, southwest and southeast Bay of Bengal, remaining parts of Andaman Sea, and some more parts of eastcentral Bay of Bengal during next 3-4 days.
- The **Southwest Monsoon** is likely to set in over Kerala on 26th May with a model error of ± 4 days.

Weather Forecast & warnings

Northeast India:

- **Isolated to Scattered** light to moderate rainfall likely over Northeast India till 21st May and likely to increase to **Fairly widespread to widespread** light to moderate rainfall during 22nd to 25th May.
- **Isolated heavy rainfall** likely over Assam & Meghalaya during 21st-25th; Arunachal Pradesh and Nagaland, Manipur, Mizoram & Tripura during 22nd-25th May with **isolated very heavy rainfall** over Arunachal Pradesh on 23rd & 24th; Assam & Meghalaya during 23rd-25th May.

South Peninsular India:

- **Fairly widespread to widespread** light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph)** likely over Kerala & Mahe and Lakshadweep during 19th-25th and isolated to Scattered over remaining sub-divisions during the same period.
- **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Interior Karnataka on 19th; Coastal Andhra Pradesh & Yanam and Rayalaseema during 19th-23rd May.
- **Isolated Heavy rainfall** also likely over Tamil Nadu, Kerala & Mahe during 19th-21st; Lakshadweep on 19th & 20th; South Interior Karnataka on 19th May.

East India:

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

Northwest India:

- **Scattered to Fairly widespread** light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph)** likely over Jammu-Kashmir during 19th-22nd; **Isolated** light to moderate rainfall over Uttarakhand on 19th, 22nd & 23rd and Himachal Pradesh on 21st & 22nd May.
- **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Jammu-Kashmir on 19th & 21st May.
- Strong surface winds (**speed reaching 20-30 kmph gusting to 40 kmph**) over Punjab, Haryana, Chandigarh &

*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)

Delhi and Uttar Pradesh during 19th – 25th May.

Central India:

- **Isolated** light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph)** likely over Vidarbha and Chhattisgarh on 19th May.
- **West India:**
- **Isolated** light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph)** likely over Konkan & Goa and Madhya Maharashtra on 19th & 20th May.

Forecast of maximum/day temperatures:

- No significant change in maximum temperatures likely over Maharashtra and Gujarat State till 19th and gradual fall by 2-3°C during 20th -25th May.
- No significant change in maximum temperatures likely over rest parts of the country till 25th May 2026.

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

- **Heat wave to severe heat wave conditions** very likely in isolated/some pockets over West Uttar Pradesh & Madhya Pradesh during 19th-25th May; East Uttar Pradesh & Vidarbha during 19th-21st May; **Heat wave conditions** in isolated pockets over East Uttar Pradesh & Vidarbha during 22nd-25th May.
- **Heat wave conditions** very likely in isolated/some pockets over Punjab, Haryana, Chandigarh & Delhi during 19th-25th with **severe heat wave conditions** in some pockets on 19th & 20th May.
- **Heat wave conditions** very likely in isolated pockets over Coastal Andhra Pradesh & Yanam during 19th-25th with **severe heat wave conditions** in isolated pockets on 21st & 22nd May.
- **Heat wave conditions** very likely in isolated pockets over Jammu-Kashmir, Himachal Pradesh on 19th & 20th; Uttarakhand during 19th-21st; Rajasthan during 19th-25th; Chhattisgarh & Telangana during 19th-23rd; Marathwada on 19th & 20th; southwest Bihar on 19th; Odisha during 20th-23rd May.
- **Warm Night conditions** very likely to prevail in isolated pockets over Uttar Pradesh, Madhya Pradesh & Vidarbha on 19th & 20th May.
- **Hot and humid weather conditions** likely to prevail over Odisha during 19th-23rd May.

***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)

Main Weather Observations:

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

❖ **Significant rainfall recorded(in cm)** (from 0830 hours IST of yesterday to 0830 hours IST of today): **Tamil Nadu, Puducherry & Karaikal:** Neyyoor (dist Kanyakumari) 16, Nalumukku (dist Tirunelveli) 10; Colachel (dist Kanyakumari), Oothu (dist Tirunelveli), Mambzathuraiyaru (dist Kanyakumari), Anaikedanku (dist Kanyakumari), Kakkachi (dist Tirunelveli) 9 Each; Eraniel (dist Kanyakumari) 8; Manjolai (dist Tirunelveli) 7; Thuckalay (dist Kanyakumari), Suralacode (dist Kanyakumari), Perunchani Dam (dist Kanyakumari), Puthan Dam (dist Kanyakumari), Adayamadai (dist Kanyakumari) 6 Each; **Arunachal Pradesh:** LONGDING 9; **Lakshadweep:** Kadmat 9; **Odisha:** Similiguda (dist Koraput) 7; **North Interior Karnataka:** Bailhongal (dist Belagavi) 6; **South Interior Karnataka:** Hoskote (dist Bengaluru Rural) 6; **Sub Himalayan West Bengal & Sikkim:** Jhallong (dist Kalimpong) 6; **Assam & Meghalaya:** Barpeta (dist Barpeta) 6.

❖ **Heavy Rainfall observed** (from 0830 hours IST of yesterday to 0830 hours IST of today): **Heavy to very heavy rain** at isolated places over Tamil Nadu, Puducherry & Karaikal; **Heavy rain** at isolated places over Arunachal Pradesh, Odisha and Lakshadweep.

❖ **Hailstorm** (from 0830 hours IST of yesterday to 0830 hours IST of today): reported at isolated places over Odisha.

❖ **Heat wave to severe heat wave conditions** (from 0830 hours IST of yesterday to 0830 hours IST of today): **Heat wave to severe heat wave conditions** prevailed in isolated pockets over East Uttar Pradesh; **heat wave conditions** in some pockets of Madhya Pradesh and Vidarbha.; in isolated pockets over Jammu Division, West Uttar Pradesh and Rajasthan.

❖ **Warm Night conditions** (from 0830 hours IST of yesterday to 0830 hours IST of today): prevailed at isolated places over Vidarbha.

❖ **Minimum Temperature Departures (as on 19-05-2026):** Minimum temperatures were **markedly above normal (5.1°C or more)** at isolated places over East Rajasthan, East Uttar Pradesh, Haryana-Chandigarh-Delhi, Jammu & Kashmir, Vidarbha; **appreciably above normal (3.1°C to 5.0°C)** at many places over Punjab; at a few places over Bihar, East Madhya Pradesh, Himachal Pradesh, Madhya Maharashtra, Marathwada; at isolated places over Andaman & Nicobar Islands, Gangetic West Bengal, Odisha, West Rajasthan, West Uttar Pradesh; **above normal (1.6°C to 3.0°C)** at a few places over Coastal Andhra Pradesh & Yanam, Jharkhand, Konkan & Goa, Nagaland, Manipur, Mizoram & Tripura, Telangana, Uttarakhand, West Madhya Pradesh; at isolated places over Assam & Meghalaya, Chhattisgarh, Gujarat Region, Kerala & Mahe, North Interior Karnataka, Rayalaseema, Saurashtra & Kutch, Tamil Nadu, Puducherry & Karaikal. **The lowest minimum temperature** of 22.8°C was reported at ROHTAK (HARYANA) over the Plains of India.

❖ **Maximum Temperature Departures (as on 18-05-2026):** **markedly above normal (5.1°C or more)** at a few places over Jammu & Kashmir; at isolated places over Himachal Pradesh, West Madhya Pradesh; **appreciably above normal (3.1°C to 5.0°C)** at a few places over Haryana-Chandigarh-Delhi, Madhya Maharashtra, Marathwada, Vidarbha; at isolated places over Bihar, East Madhya Pradesh, East Rajasthan, East Uttar Pradesh, Gangetic West Bengal, Gujarat Region, Odisha, Punjab, Uttarakhand, West Rajasthan, West Uttar Pradesh; **above normal (1.6°C to 3.0°C)** at many places over Jharkhand; at a few places over Saurashtra & Kutch; at isolated places over Assam & Meghalaya, Coastal Andhra Pradesh & Yanam, Konkan & Goa, South Interior Karnataka, Tamil Nadu, Puducherry & Karaikal, Telangana and Below normal/ near normal over rest parts of the country. **The highest maximum temperature** of 47.6°C was reported at BANDA (UTTAR PRADESH).

***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)



Meteorological Analysis (Based on 0830 hours IST)

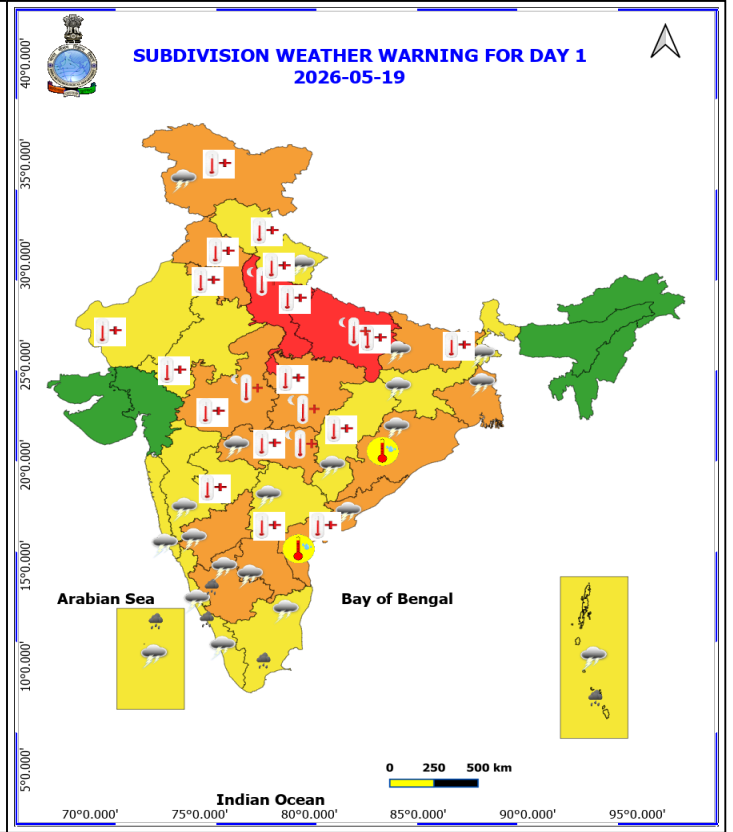
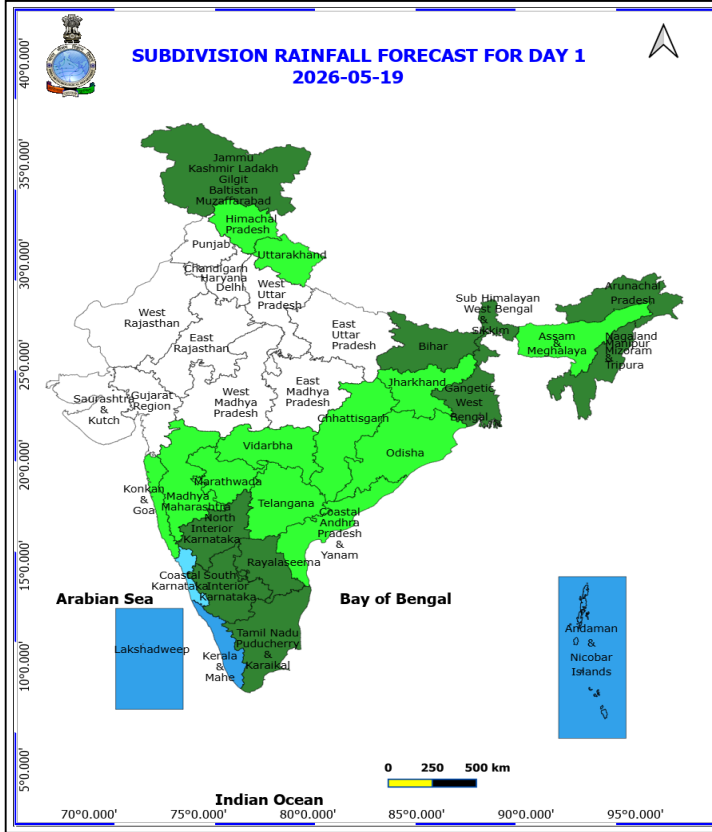
- **The Northern Limit of Monsoon** continues to pass through 6°N/70°E, 6°N/75°E, 7°N/80°E , 9°N/85°E, 12°N/90°E , 14°N/93°E , 16°N/96°E and 17.5°N/98°E .
- Conditions are favourable for further advance of southwest monsoon into some more parts of southeast Arabian Sea, Comorin Area, southwest and southeast Bay of Bengal, remaining parts of Andaman Sea, and some more parts of eastcentral Bay of Bengal during next 3-4 days.
- The **Southwest Monsoon** is likely to set in over Kerala on 26th May with a model error of ± 4 days.
- The **Western Disturbance** as a cyclonic circulation over north Pakistan and adjoining Jammu persists and now seen between 1.5 & 3.1 km above mean sea level with a trough aloft in middle tropospheric westerlies with its axis at 5.8 km above mean sea level runs roughly along Long. 72°E to the north of Lat. 31°N.
- The **upper air cyclonic circulation** over northeast Uttar Pradesh & adjoining Bihar now lies over East Uttar Pradesh & neighbourhood and extends upto 1.5 km above mean sea level.
- The **trough** now runs from above **cyclonic circulation** over East Uttar Pradesh & neighbourhood to Manipur across north Gangetic West Bengal and Bangladesh at 0.9 km above mean sea level.
- Another **trough** now runs from the East Uttar Pradesh to Lakshadweep area across Madhya Maharashtra, Marathwada, Interior Karnataka & Kerala and extends upto 1.5 km above mean sea level.
- The **upper air cyclonic circulation** over south Coastal Andhra Pradesh & neighbourhood between 3.1 & 5.8 km above mean sea level persists.
- The **trough** from southeast Arabian Sea adjoining south Lakshadweep area to the above cyclonic circulation over south Coastal Andhra Pradesh across Kerala, South Interior Karnataka and Rayalaseema between 3.1 & 5.8 km above mean sea level persists.
- An **upper air cyclonic circulation** lies over central Assam at 1.5 km above mean sea level.

***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 May (Day 1)

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

*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

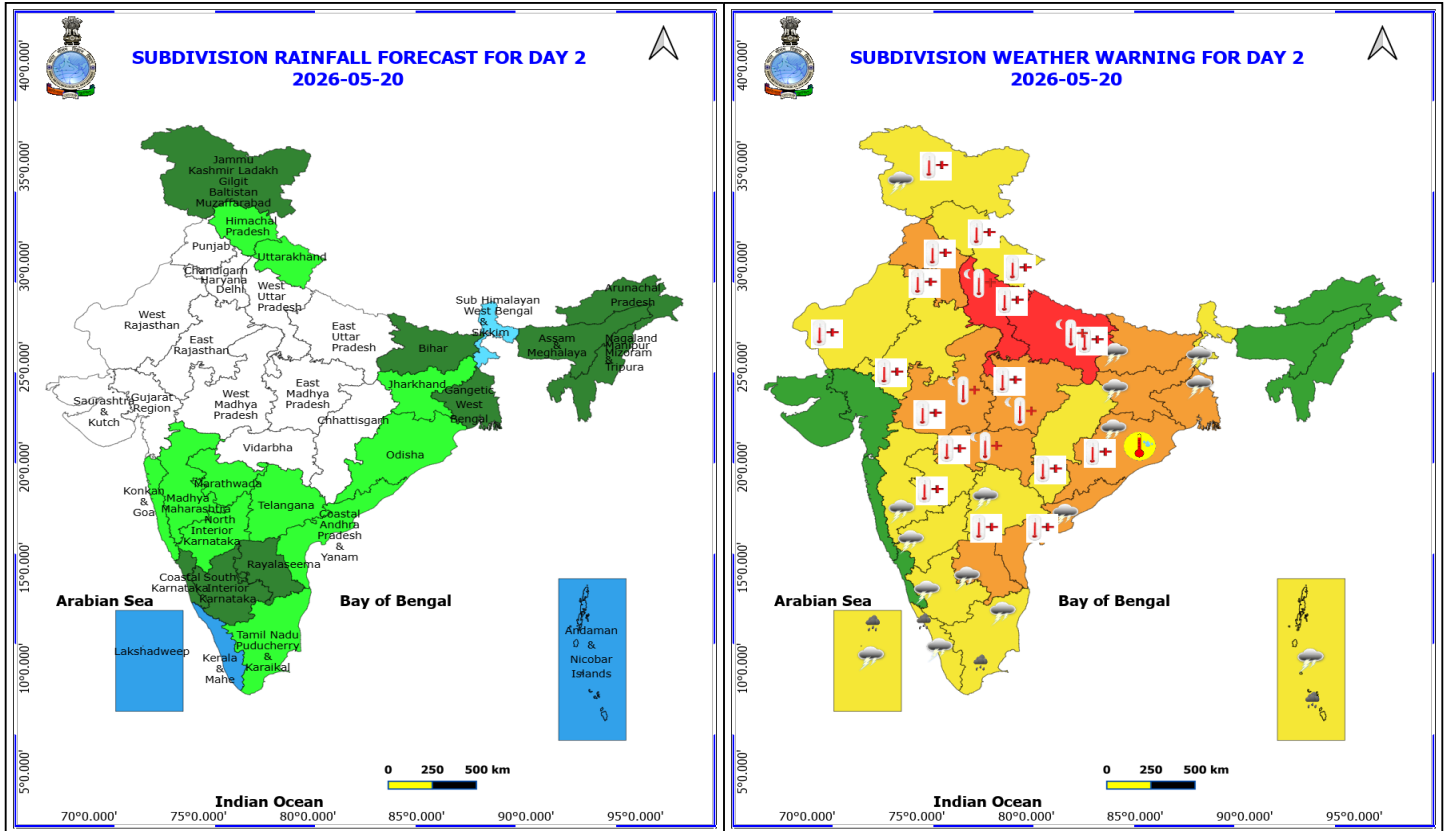
For more details kindly visit <https://mausam.imd.gov.in> or contact 011-2434-4599

(Service to the nation since 1875)



Keralam, Karnataka coasts, over Lakshadweep area, adjoining Comorin area.

- ❖ **Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail along and off south Somalia coast, adjoining southwest Arabian Sea, few parts of southwest Bay of Bengal.
- ❖ **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, many parts of southwest and most parts of southeast Bay of Bengal, over Andaman Sea



20 May (Day 2)

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

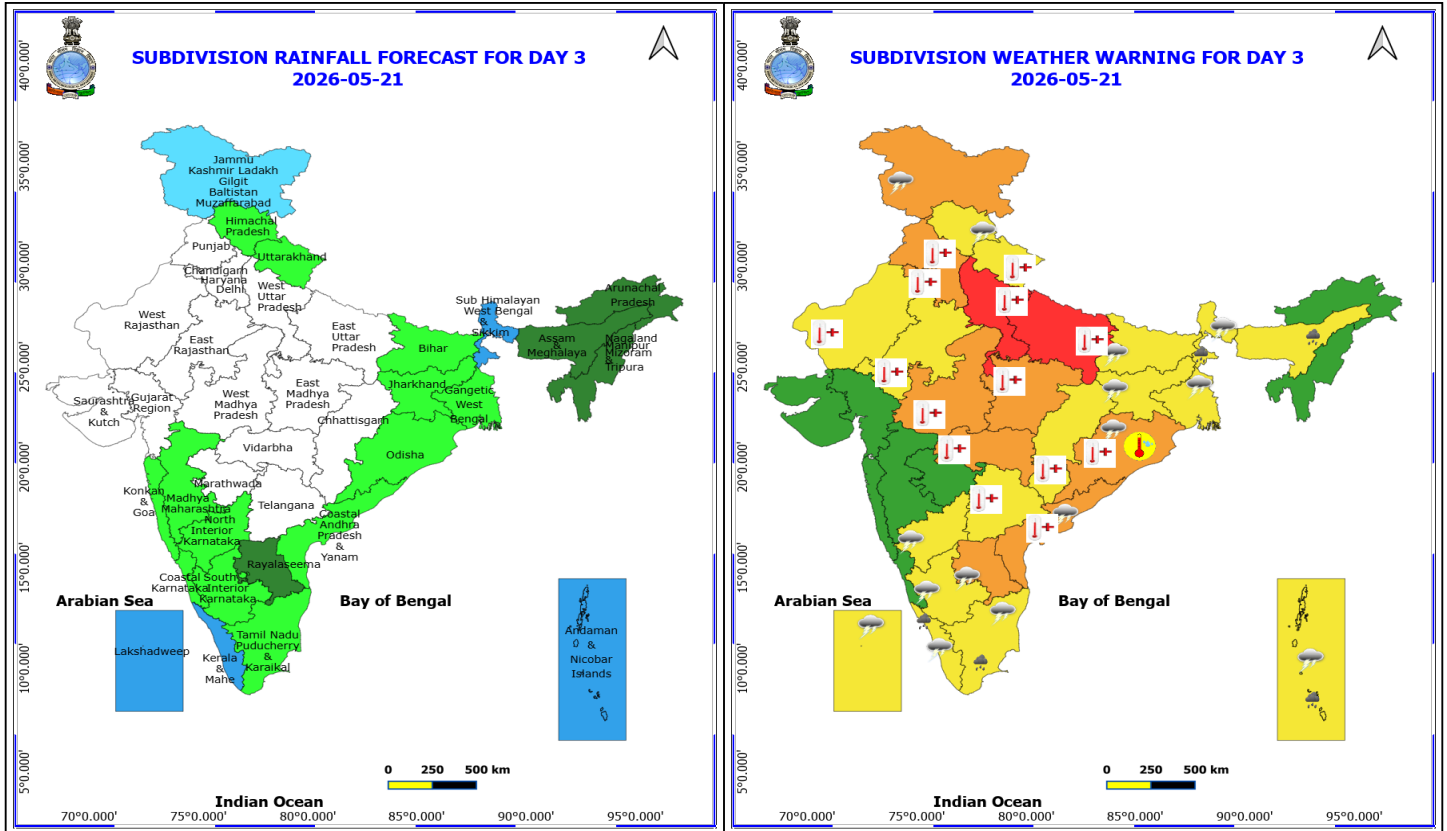
(Service to the nation since 1875)



❖ **Warm Night conditions** very likely at isolated places over Madhya Pradesh, Uttar Pradesh and Vidarbha.

❖ **Arabian Sea:** Squally wind with speed 45-55 kmph gusting to 65 kmph is likely to prevail along and off south Somalia coast, adjoining 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, adjoining Comorin area, many parts of southwest and most parts of southeast Bay of Bengal, over Andaman Sea.



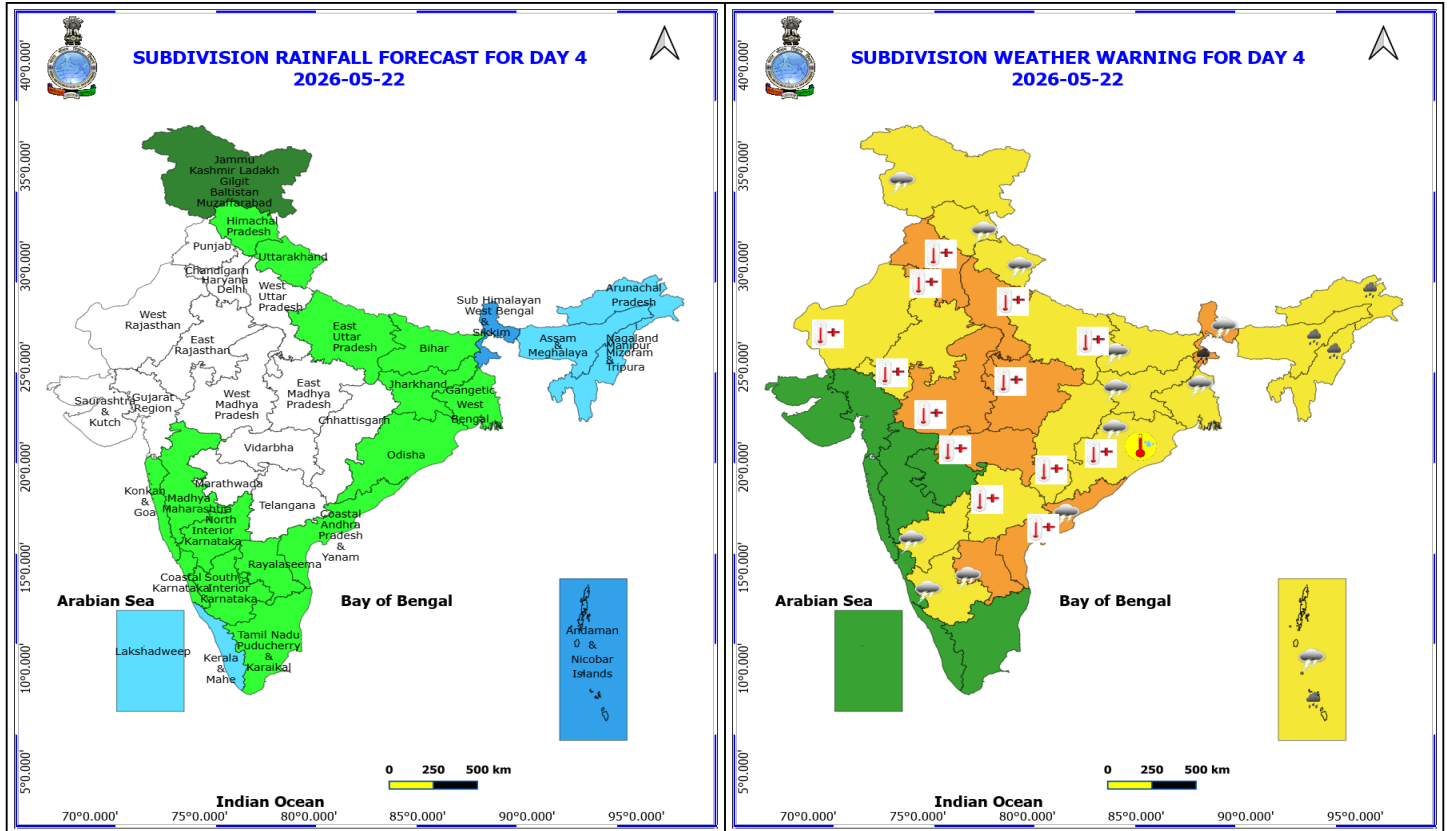
21 May (Day 3)

- ❖ **Heavy Rainfall** very likely at isolated places over Andaman & Nicobar Islands, Assam & Meghalaya, Kerala & Mahe, Sub Himalayan West Bengal & Sikkim and Tamil Nadu Puducherry & Karaikal.
- ❖ **Thundersquall with wind speed reaching(50-60kmph)** very likely at isolated places over Andhra Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Odisha.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Andaman & Nicobar Islands, Bihar, Himachal Pradesh, Interior Karnataka, Jharkhand, Kerala & Mahe, Lakshadweep, Tamil Nadu Puducherry & Karaikal and West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Coastal Karnataka.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram and Tripura.
- ❖ **Heat Wave conditions** very likely at isolated places over Chhattisgarh, Haryana, Chandigarh & Delhi, Odisha, Punjab, Rajasthan, Telangana and Uttarakhand.
- ❖ **Heat Wave to Severe Heat Wave conditions** very likely at isolated places over Coastal Andhra Pradesh, Madhya Pradesh, Uttar Pradesh and Vidarbha.
- ❖ **Hot and Humid weather** very likely at isolated places over Odisha.
- ❖ **Arabian Sea:** Squally weather with wind speed 45-55 kmph gusting to 65 kmph is likely to prevail along and off south Somalia coast, adjoining & some parts of southwest 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 Comorin area, adjoining Maldives area, adjoining Gulf of Mannar, some parts of southwest and most parts of southeast Bay of Bengal, adjoining parts of eastcentral Bay of Bengal, over Andaman Sea.



22 May (Day 4)

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

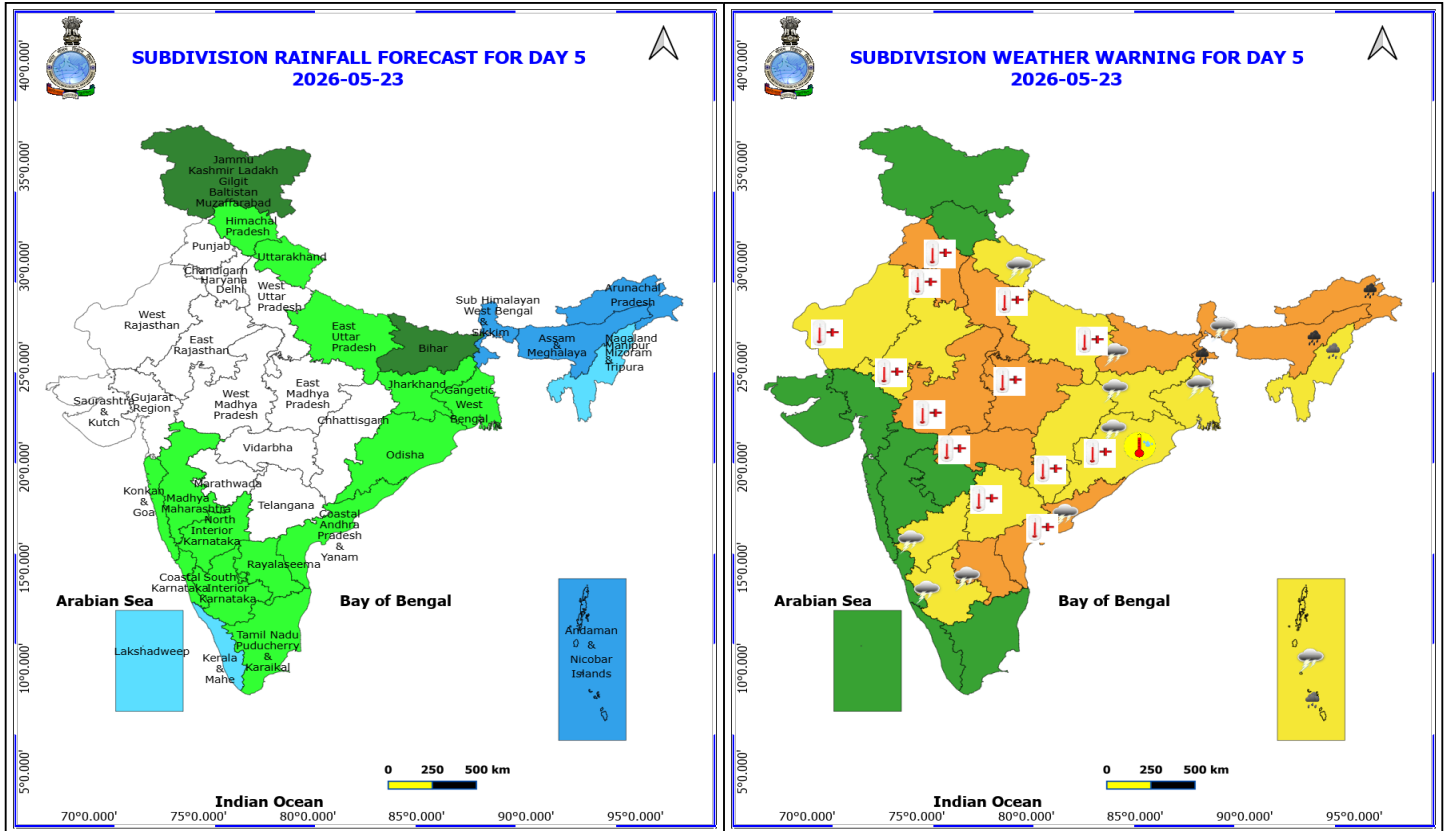
***Red color warning does not mean "Red Alert" Red color warning means "Take Action"**
Forecast and warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day
For more details kindly visit <https://mausam.imd.gov.in> or contact 011-2434-4599

(Service to the nation since 1875)



off south Somalia coast, adjoining & 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 Comorin area, adjoining Maldives area, adjoining Gulf of Mannar, some parts of southwest and most parts of southeast Bay of Bengal, adjoining parts of eastcentral Bay of Bengal, over Andaman Sea.



23 May (Day 5)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya and Sub Himalayan West Bengal & Sikkim.
- ❖ **Heavy Rainfall** likely at isolated places over Andaman & Nicobar Islands and Nagaland, Manipur, Mizoram and Tripura.
- ❖ **Thundersquall with wind speed reaching(50-60kmph)** likely at isolated places over Andhra Pradesh, Bihar and Jharkhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands, Interior Karnataka, Odisha, Uttarakhand and West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Assam & Meghalaya.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Arunachal Pradesh, Nagaland, Manipur, Mizoram and Tripura and Tamil Nadu Puducherry & Karaikal.
- ❖ **Heat Wave conditions** likely at isolated places over Chhattisgarh, Coastal Andhra Pradesh, East Uttar Pradesh, Haryana, Chandigarh & Delhi, Odisha, Punjab, Rajasthan, Telangana and Vidarbha.
- ❖ **Heat Wave to Severe Heat Wave conditions** likely at isolated places over Madhya Pradesh and West Uttar Pradesh.
- ❖ **Hot and Humid weather** likely at isolated places over Odisha.

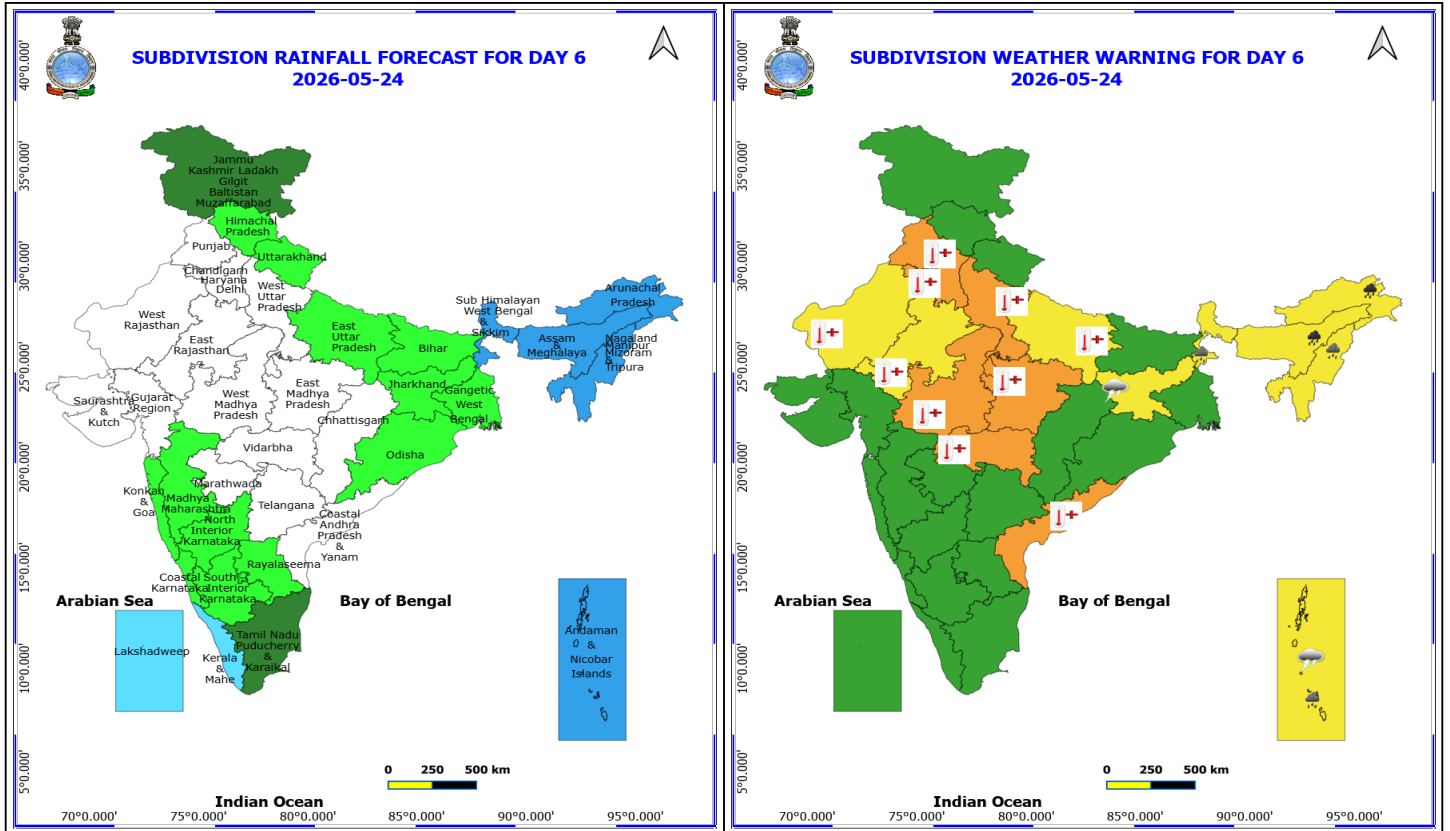
***Red color warning does not mean "Red Alert" Red color warning means "Take Action"**
Forecast and warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day
For more details kindly visit <https://mausam.imd.gov.in> or contact 011-2434-4599

(Service to the nation since 1875)



❖ **Arabian Sea: Squally weather with wind speed 45-55 kmph gusting to 65 kmph** is likely to prevail along and off south Somalia coast, adjoining & 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 Comorin area, adjoining Maldives area, adjoining Gulf of Mannar, some parts of southwest and most parts of southeast Bay of Bengal, adjoining parts of eastcentral Bay of Bengal, over Andaman Sea.



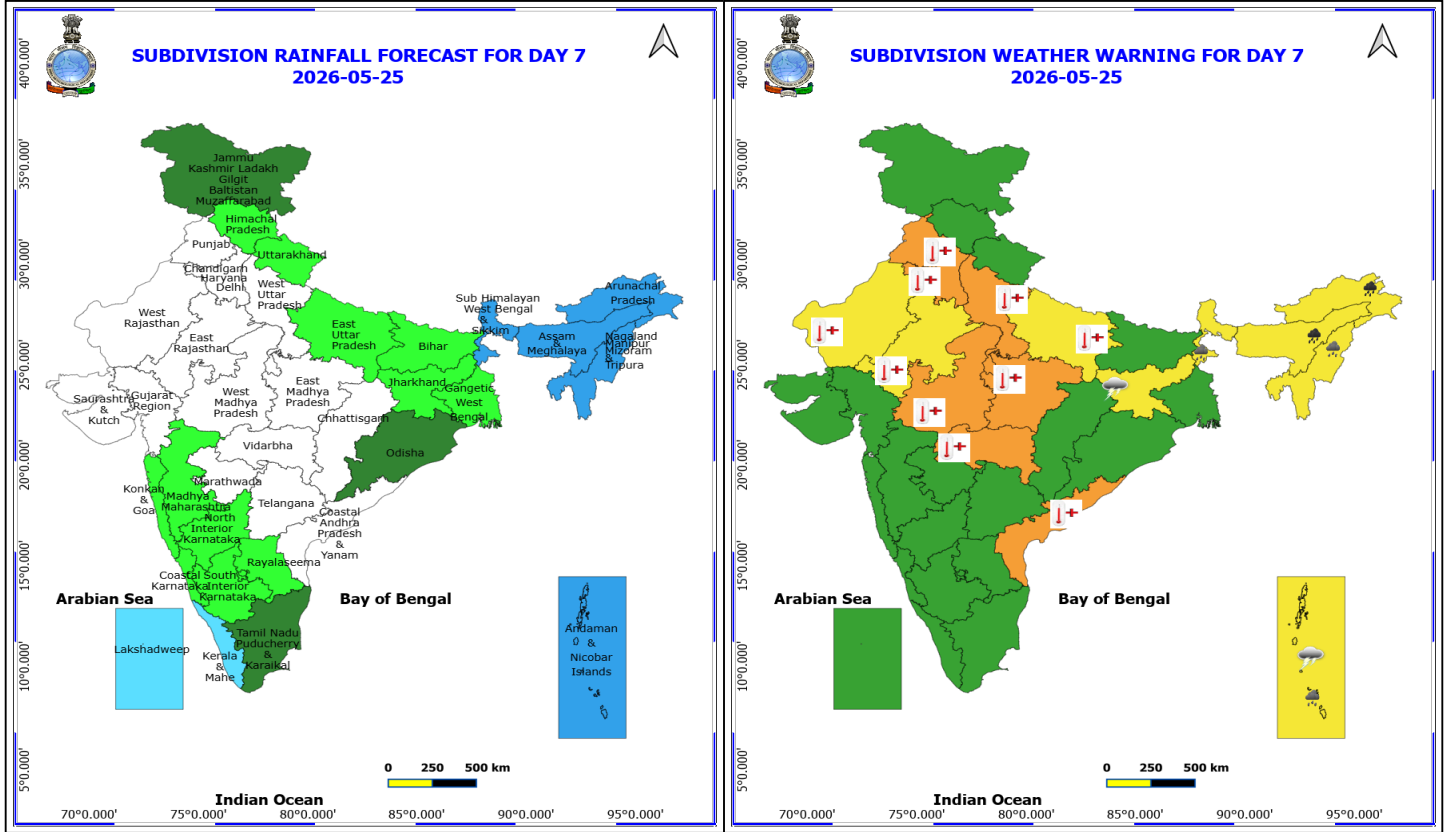
24 May (Day 6)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Arunachal Pradesh and Assam & Meghalaya.
- ❖ **Heavy Rainfall** likely at isolated places over Andaman & Nicobar Islands, 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 and Jharkhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Odisha and Sub Himalayan West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Tamil Nadu Puducherry & Karaikal.
- ❖ **Heat Wave conditions** likely at isolated places over Coastal Andhra Pradesh, East Uttar Pradesh, Haryana, Chandigarh & Delhi, Punjab, Rajasthan and Vidarbha.
- ❖ **Heat Wave to Severe Heat Wave conditions** likely at isolated places over Madhya Pradesh and West Uttar Pradesh.

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)



25 May (Day 7)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Arunachal Pradesh and Assam & Meghalaya.
- ❖ **Heavy Rainfall** likely at isolated places over Andaman & Nicobar Islands, 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 and Jharkhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Odisha and Sub Himalayan West Bengal & Sikkim.
- ❖ **Heat Wave conditions** likely at isolated places over Coastal Andhra Pradesh, East Uttar Pradesh, Haryana, Chandigarh & Delhi, Punjab, Rajasthan and Vidarbha.
- ❖ **Heat Wave to Severe Heat Wave conditions** likely at isolated places over Madhya Pradesh and West Uttar Pradesh.

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-May	20-May	21-May	22-May	23-May	24-May	25-May
		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	SCT	SCT	SCT	FWS	WS	WS	WS
3	ASSAM & MEHGHALAYA	ISOL	SCT	SCT	FWS	WS	WS	WS
4	N. M. M. & T.	SCT	SCT	SCT	FWS	FWS	WS	WS
5	S.H. WEST BENGAL & SIKKIM	SCT	FWS	WS	WS	WS	WS	WS
6	GANGETIC WEST BENGAL	SCT	SCT	ISOL	ISOL	ISOL	ISOL	ISOL
7	ODISHA	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	SCT
8	JHARKHAND	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
9	BIHAR	SCT	SCT	ISOL	ISOL	SCT	ISOL	ISOL
10	EAST UTTAR PRADESH	DRY	DRY	DRY	ISOL	ISOL	ISOL	ISOL
11	WEST UTTAR PRADESH	DRY	DRY	DRY	DRY	DRY	DRY	DRY
12	UTTARAKHAND	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
13	HARYANA, CHD & DELHI	DRY	DRY	DRY	DRY	DRY	DRY	DRY
14	PUNJAB	DRY	DRY	DRY	DRY	DRY	DRY	DRY
15	HIMACHAL PRADESH	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
16	JAMMU AND KASHMIR AND LADAKH	SCT	SCT	FWS	SCT	SCT	SCT	SCT
17	WEST RAJASTHAN	DRY	DRY	DRY	DRY	DRY	DRY	DRY
18	EAST RAJASTHAN	DRY	DRY	DRY	DRY	DRY	DRY	DRY
19	WEST MADHYA PRADESH	DRY	DRY	DRY	DRY	DRY	DRY	DRY
20	EAST MADHYA PRADESH	DRY	DRY	DRY	DRY	DRY	DRY	DRY
21	GUJRAT REGION	DRY	DRY	DRY	DRY	DRY	DRY	DRY
22	SAURASHTRA & KUTCH	DRY	DRY	DRY	DRY	DRY	DRY	DRY
23	KONKAN & GOA	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
24	MADHYA MAHARASHTRA	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
25	MARATHWADA	ISOL	ISOL	DRY	DRY	DRY	DRY	DRY
26	VIDARBHA	ISOL	DRY	DRY	DRY	DRY	DRY	DRY
27	CHATTISGARH	ISOL	DRY	DRY	DRY	DRY	DRY	DRY
28	COASTAL ANDHRA PRADESH	ISOL	ISOL	ISOL	ISOL	ISOL	DRY	DRY
29	TELANGANA	ISOL	ISOL	DRY	DRY	DRY	DRY	DRY
30	RAYALASEEMA	SCT	SCT	SCT	ISOL	ISOL	ISOL	ISOL
31	TAMILNADU & PUDUCHERRY	SCT	ISOL	ISOL	ISOL	ISOL	SCT	SCT
32	COSTAL KARNATAKA	FWS	SCT	ISOL	ISOL	ISOL	ISOL	ISOL
33	NORTH INTERIOR KARNATAKA	SCT	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
34	SOUTH INTERIOR KARNATAKA	SCT	SCT	ISOL	ISOL	ISOL	ISOL	ISOL
35	KERALA	WS	WS	WS	FWS	FWS	FWS	FWS
36	LAKSHDWEEP	WS	WS	WS	FWS	FWS	FWS	FWS

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

*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 2026-05-18

Fig. 2: Departure of Maximum Temp. Dated 2026-05-18

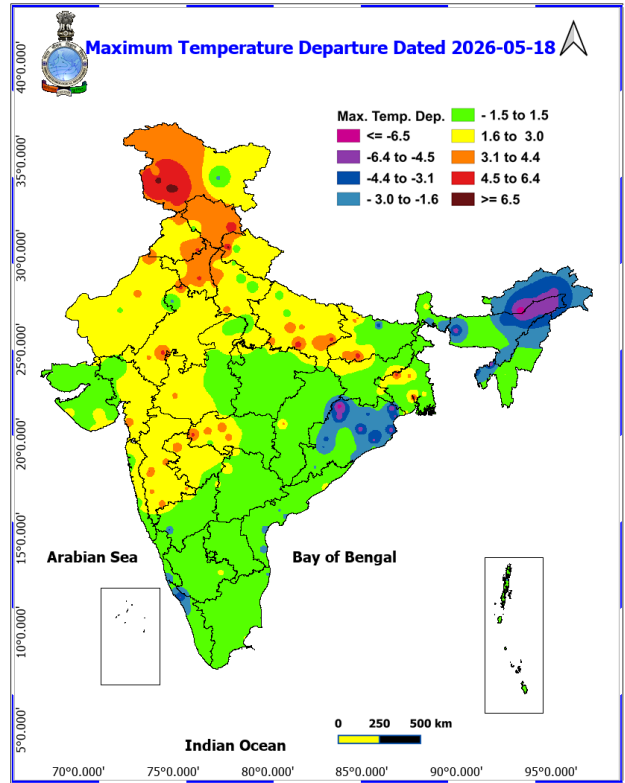
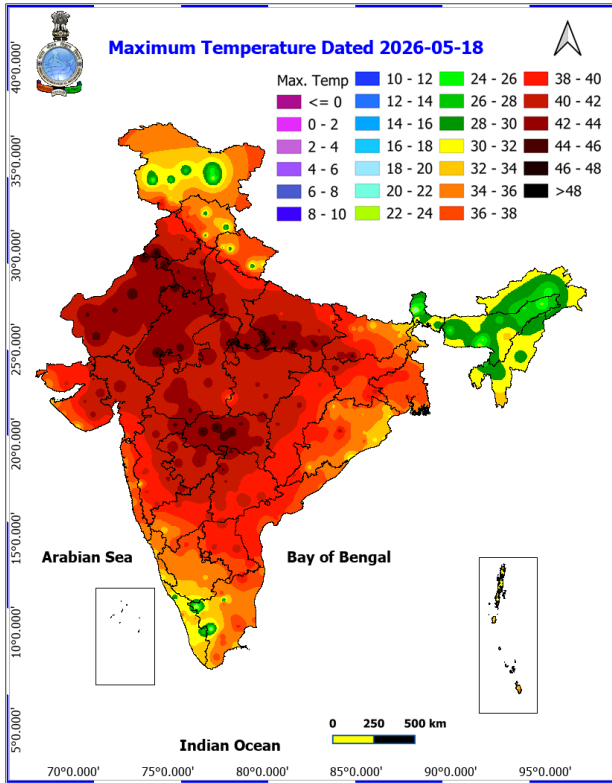
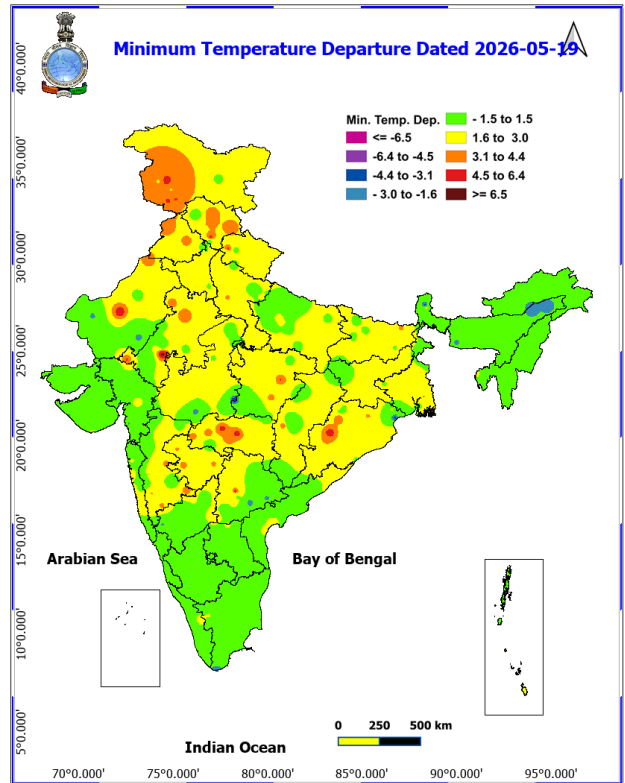
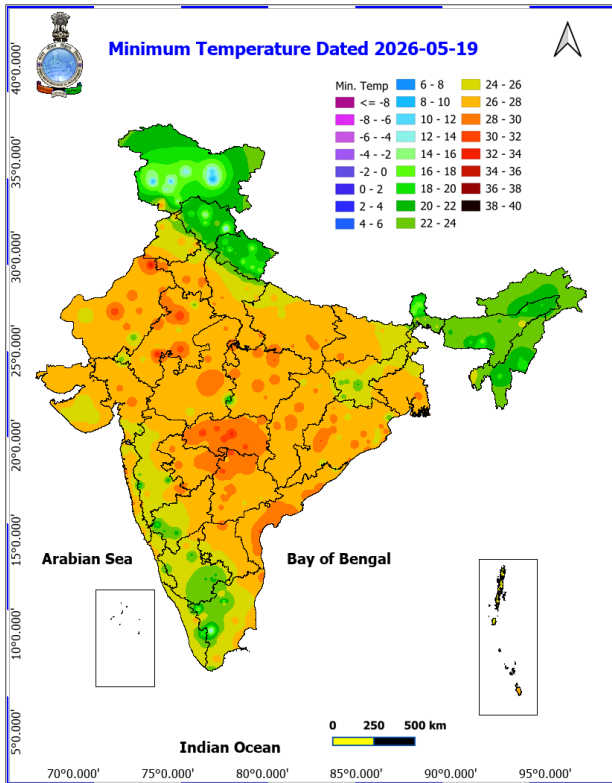


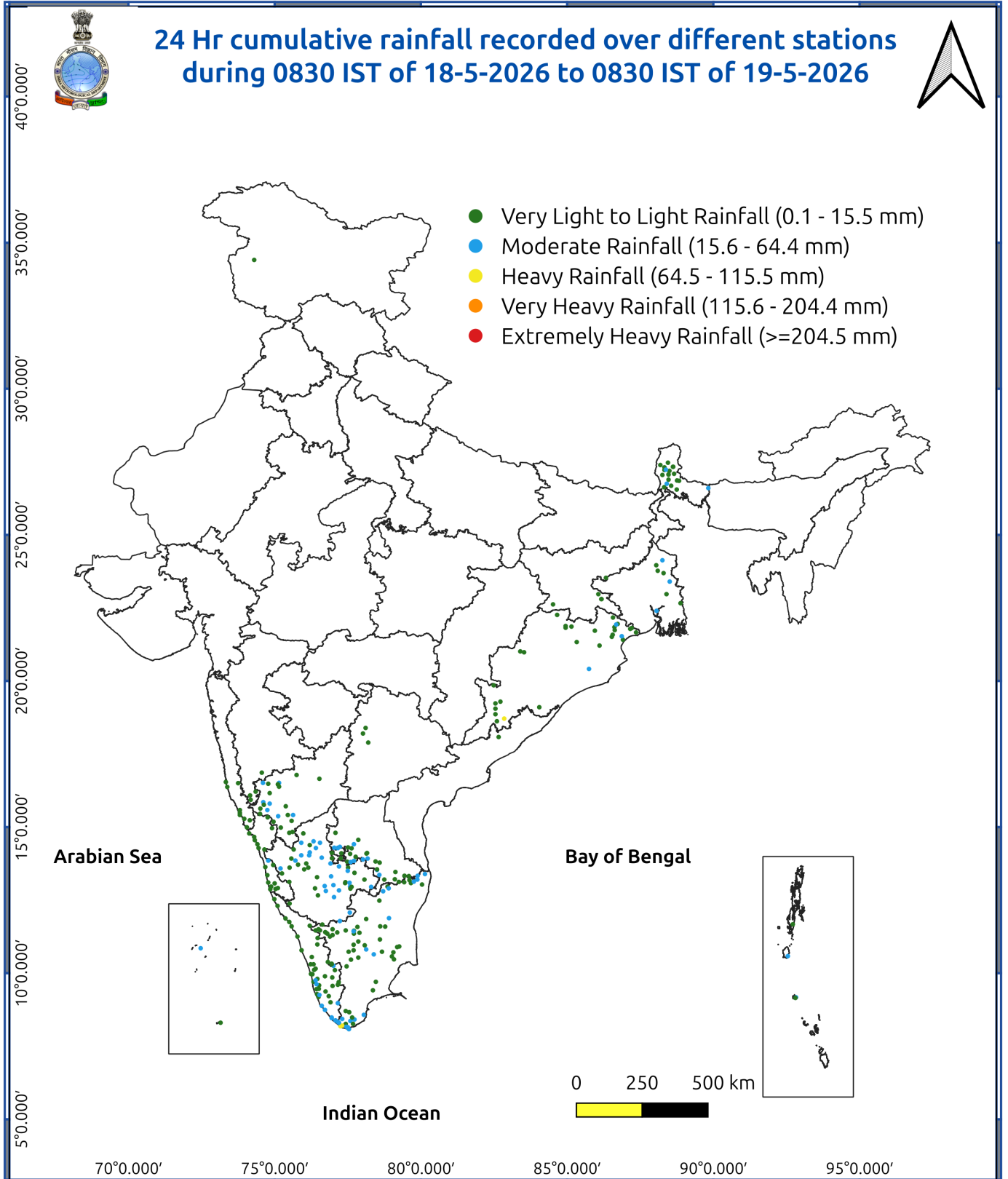
Fig. 3: Minimum Temperatures Dated 2026-05-19

Fig. 4: Departure of Minimum Temp. Dated 2026-05-19



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

(Service to the nation since 1875)



Impact and Actions

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

- **Isolated heavy rainfall** likely over Tamil Nadu, Kerala & Mahe during 19th-21st; Lakshadweep on 19th & 20th; South Interior Karnataka on 19th May; Andaman & Nicobar Islands during 19th-25th; Sub-Himalayan West Bengal & Sikkim, Assam & Meghalaya during 21st-25th May; Arunachal Pradesh and Nagaland, Manipur, Mizoram & Tripura during 22nd-25th May with **isolated very heavy rainfall over** Sub-Himalayan West Bengal & Sikkim on 22nd & 23rd; Arunachal Pradesh on 23rd & 24th; Assam & Meghalaya during 23rd-25th May.

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/squally winds over

- **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Jammu-Kashmir on 19th & 21st May; Interior Karnataka on 19th; Coastal Andhra Pradesh & Yanam and Rayalaseema during 19th-23rd May; Gangetic West Bengal on 19th & 20th; Bihar on 19th, 20th & 23rd; Jharkhand on 20th & 23rd; Odisha during 19th-21st May.

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.
- Hail may injure people and cattle at open places.
- 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.
- Do not lie on concrete floors and do not lean against concrete walls.

***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)

- 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 to severe heat wave conditions likely to continue to prevail over northwest and central India during the week.

Red alert Areas (Uttar Pradesh)

- Very high likelihood of developing heat illness and heat stroke in all ages.
- Extreme care needed for vulnerable people.

Orange alert Areas (many parts of Northwest & Central India)

- 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.

Yellow alert Areas (some parts of north Peninsular India)

- Moderate temperature & heat is tolerable for general public but moderate health concern likely for vulnerable people e.g. infants, elderly, people with chronic diseases.
- Avoid heat exposure.
- Wear lightweight, light colour, loose, cotton clothes.
- Cover your head, use a cloth, hat or umbrella.

Agromet advisories for various parts of the country

Agromet advisories for likely impact of Heavy Rainfall

- In **Andaman & Nicobar Islands**, ensure proper drainage in coconut gardens and avoid water stagnation around basins.
- In **Keralam**, provide adequate drainage for banana, coconut, and other vegetables. Provide support to banana plants?
- In **Tamil Nadu**, maintain proper drainage to prevent water stagnation in black gram, green gram, sugarcane, and vegetable plantations.
- In **South Interior Karnataka**, ensure proper drainage in paddy fields, arecanut and mango orchards.
- In **Lakshadweep**, postpone irrigation, intercultural operations and application of plant protection measures & fertilizers to the standing crops. Provide adequate drainage in standing-crop fields to prevent waterlogging.

Agromet advisories for likely impact of High temperatures/ Heat Waves

- **Jammu & Kashmir** - apply light and frequent irrigation to the standing crops, use temporary shade nets to protect the fruit plants from high temperatures.
- In **Uttarakhand**: Provide irrigation to sunflower, fodder maize, tomato, brinjal, etc.
- In **Punjab**, apply light and frequent irrigation to vegetable, moong fruit plants orchards and onion nurseries.

*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 **Haryana**, maintain adequate irrigation in standing sugarcane, cotton and summer fodder crops. Complete paddy nursery preparation with assured irrigation facilities and adopt mulching/moisture conservation practices to reduce water stress in newly sown crops
- In **Uttar Pradesh**, provide frequent irrigation and mulching for standing crops such as maize, green gram, black gram, sugarcane, sunflower, vegetables, and fruit plants such as mango, banana, and papaya.
- In **Rajasthan**, apply need-based irrigation to green gram and summer cucurbit crops such as bottle gourd, pumpkin, ridge gourd, cucumber, bitter gourd, and summer ladyfinger, as well as to young fruit plants such as mango, amla, pomegranate, wood apple, and plum. Undertake soil mulching/mulching with straw/polythene to reduce water loss by evaporation.
- In **Madhya Pradesh**, apply light irrigation to maize, *moong*, *urd*, groundnut, and vegetable crops as required.
- In **Chhattisgarh** - Apply light irrigation after weeding and hoeing in *rabi* maize, banana, and papaya plantations. Complete harvesting of wheat and chickpea, and ensure safe storage.
- In **Marathwada and Vidarbha**, provide light and frequent irrigation to vegetables and orchards during morning or evening hours, with increased frequency during critical growth stages. Irrigate sugarcane, summer groundnut, vegetables, and orchards as required; use organic or straw mulch in vegetables and orchards; cover banana bunches with leaves; and use shade nets in newly planted banana plantations.
- In **Bihar**- Apply light and frequent irrigation to the standing crops. Carry out mulching with crop residue, straw or polythene to minimize the loss of soil moisture. Use temporary shade nets to protect the fruit plants from high temperatures.
- In **Odisha** - Provide light irrigation to *Boro* paddy, summer maize, green gram, black gram, groundnut, and vegetable fields. Ensure adequate soil moisture is maintained in mango and cashew crops.
- In **Telangana** - Provide irrigation to mango orchards and vegetable crops, as required.
- In **Andhra Pradesh - Rayalaseema** -Provide light irrigation to maintain adequate moisture in standing crops such as paddy, *rabi* maize, sorghum, chickpea, groundnut, sesame, sugarcane, vegetables, and fruit orchards.
- Apply mulching to conserve soil moisture in the standing crops.

Agromet advisories for likely impact of Thunderstorm / Gusty Winds

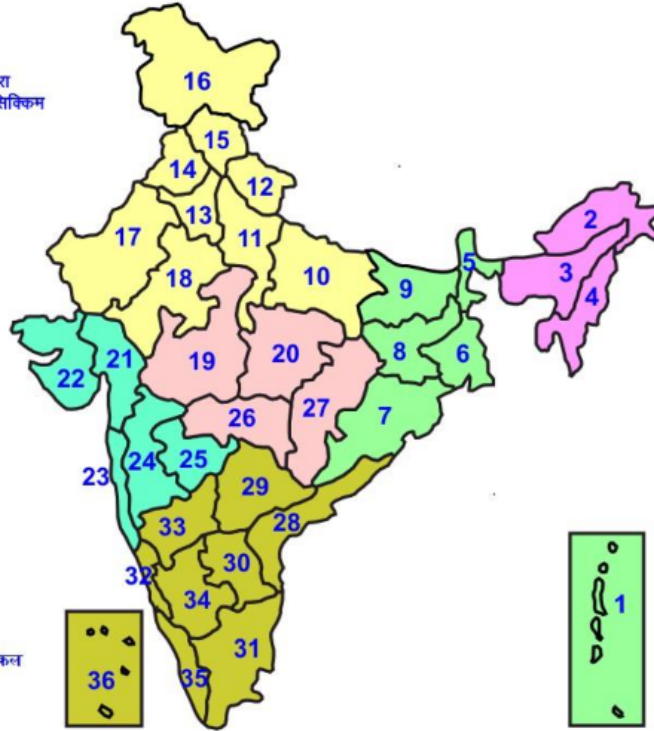
- Shift the harvested produce in safer places or cover the produce with tarpaulin sheets in the fields. Tie the harvested crops securely and cover them to minimize the risk of displacement from strong surface winds.
- Provide mechanical support to horticultural crops and staking or support to vegetables and young fruit plants / fruit-bearing plants to avoid lodging due to strong winds.

Livestock / Poultry / Fisheries

- Keep the animals inside the shed during hailstorms/ heavy rainfall and provide them with balanced feed.
- Store feed and fodder in a safe place to prevent spoilage.
- Construct an outlet with proper netting around the ponds to drain excess water, thereby preventing fish from escaping in the event of overflow.
- In regions with high temperatures and heat waves, provide clean, hygienic, and ample drinking water for animals, and cover the roofs of poultry sheds with grass to reduce the adverse effects.
- Coastal states (especially Tamil Nadu, Kerala and Lakshadweep), fishermen are advised not to venture into sea.

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

(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)