

Tuesday, May 20, 2025
Time of Issue: 2030 hours IST
(NIGHT)

ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN

Significant Weather Features:

South peninsular India:

- ❖ Fairly widespread to widespread light/moderate rainfall accompanied with **thunderstorm, lightning & gusty winds speed reaching 40-50 kmph** very likely over Kerala & Mahe, Lakshadweep, Karnataka; **Scattered to fairly widespread** accompanied with **thunderstorm, lightning & gusty winds speed reaching 30-40 kmph** likely over Tamil Nadu, Puducherry & Karaikal, Coastal Andhra Pradesh & Yanam, Rayalaseema and Telangana during next 7 days.
- ❖ **Isolated heavy to very heavy rainfall** likely over Ghat areas of Tamil Nadu, Coastal Andhra Pradesh & Yanam, Rayalaseema on 20th; Coastal Karnataka during 22nd, 25th & 26th; North Interior Karnataka on 20th & 21st; South Interior Karnataka on 25th & 26th May with **Extremely heavy rainfall** at isolated places over north Kerala on 20th and Coastal & Ghat areas of Karnataka on 20th & 21st May.

West India:

- ❖ Fairly widespread to widespread light/moderate rainfall accompanied with **thunderstorm, lightning & gusty winds speed reaching 40-50 kmph** likely over Konkan & Goa, Madhya Maharashtra, Marathawada during 20th -24th and **isolated to scattered** rainfall over Gujarat Region during 20th -24th; Saurashtra & Kutch during 22nd-24th May with **Thundersquall wind speed reaching 50-60 kmph gusting to 70 kmph** likely over Konkan & Goa and Madhya Maharashtra during 20th-22nd and over Marathawada on 20th & 21st May.
- ❖ **Isolated heavy to very heavy rainfall** very likely over south Madhya Maharashtra during 21st-23rd; Konkan & Goa during 20th-24th May and isolated heavy rainfall over Konkan & Goa on 25th & 26th; south Madhya Maharashtra during 20th -24th; Marathawada on 21st & 22nd; Saurashtra & Kutch on 23rd & 24th; Gujarat Region during 22th-24th May.

Northeast India:

- ❖ Fairly widespread to widespread light/moderate rainfall accompanied with **thunderstorm, lightning & gusty winds speed reaching 40-50 kmph** likely over Northeast India during next 7 days with **Isolated heavy rainfall** over Arunachal Pradesh on 20th & during 22nd -26th; Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during 20th -26th and isolated **very heavy rainfall** also very likely over Assam & Meghalaya on 20th & 21st May.

East & Central India:

- ❖ **Scattered to fairly widespread** light/moderate rainfall accompanied with **thunderstorm, lightning & gusty winds speed reaching 40-50 kmph** likely over West Bengal & Sikkim during 20th-23rd; **Isolated to Scattered** light/moderate rainfall accompanied with **thunderstorm, lightning & gusty winds speed reaching 40-50 kmph** likely over Madhya Pradesh, Vidarbha, Chhattisgarh, Odisha & Bihar during 20th-24th May with **Thundersquall wind speed reaching 50-60 kmph gusting to 70 kmph** likely over West Madhya Pradesh on 22nd; East Madhya Pradesh on 22nd & 23rd; Chhattisgarh during 21st-23rd; Sub-Himalayan West Bengal & Sikkim, Bihar on 20th & 21st; Jharkhand during 20th-22nd May.
- ❖ **Isolated heavy rainfall** likely over Sub-Himalayan West Bengal & Sikkim during 20th-22nd; Bihar during 20th-24th; Jharkhand on 20th & 21st; Andaman & Nicobar Islands during 24th-26th with **very heavy rainfall** over Sub-Himalayan West Bengal & Sikkim on 20th 2025.

Northwest India:

- ✓ **Scattered to fairly widespread** light/moderate rainfall accompanied with **thunderstorm, lightning & gusty winds speed reaching 40-50 kmph** likely over Himachal Pradesh on 23rd & 24th and Uttarakhand during 21st -26th; isolated to scattered light to moderate rainfall with **thunderstorm, lightning & gusty winds speed reaching 30-50 kmph** likely over Punjab & Haryana, Chandigarh, Uttar Pradesh and Rajasthan during 20th -26th May with **Thundersquall wind speed reaching 50-60 kmph gusting to 70 kmph** likely over Uttarakhand on 20th and **Isolated hailstorm** over Uttarakhand & East Uttar Pradesh on 20th May.
- ✓ **Isolated heavy rainfall** also likely over Uttarakhand on 23th & 24th May.
- ✓ **Duststorm (40-50 kmph)** also very likely over West Rajasthan on 21st, 22nd & during 24th - 26th and West Uttar Pradesh on 20th & 21st May.

Heat wave, Hot & Humid weather, Warm Night warnings:

- ❖ **Heat wave conditions** very likely in isolated pockets of West Rajasthan on 20th with **Heat wave to severe heat wave conditions** in some parts during 21st-23rd May.
- ❖ **Heat wave conditions** very likely in isolated pockets of East Rajasthan on 20th & 21st; south Haryana during 20th-22nd May.
- ❖ **Hot & humid weather** is likely to prevail over Odisha on 20th & 21st May.
- ❖ **Warm night conditions** very likely in isolated pockets of Punjab & south Haryana during 20th-22nd; West Rajasthan during 20th-23rd and East Rajasthan on 20th & 21st May.

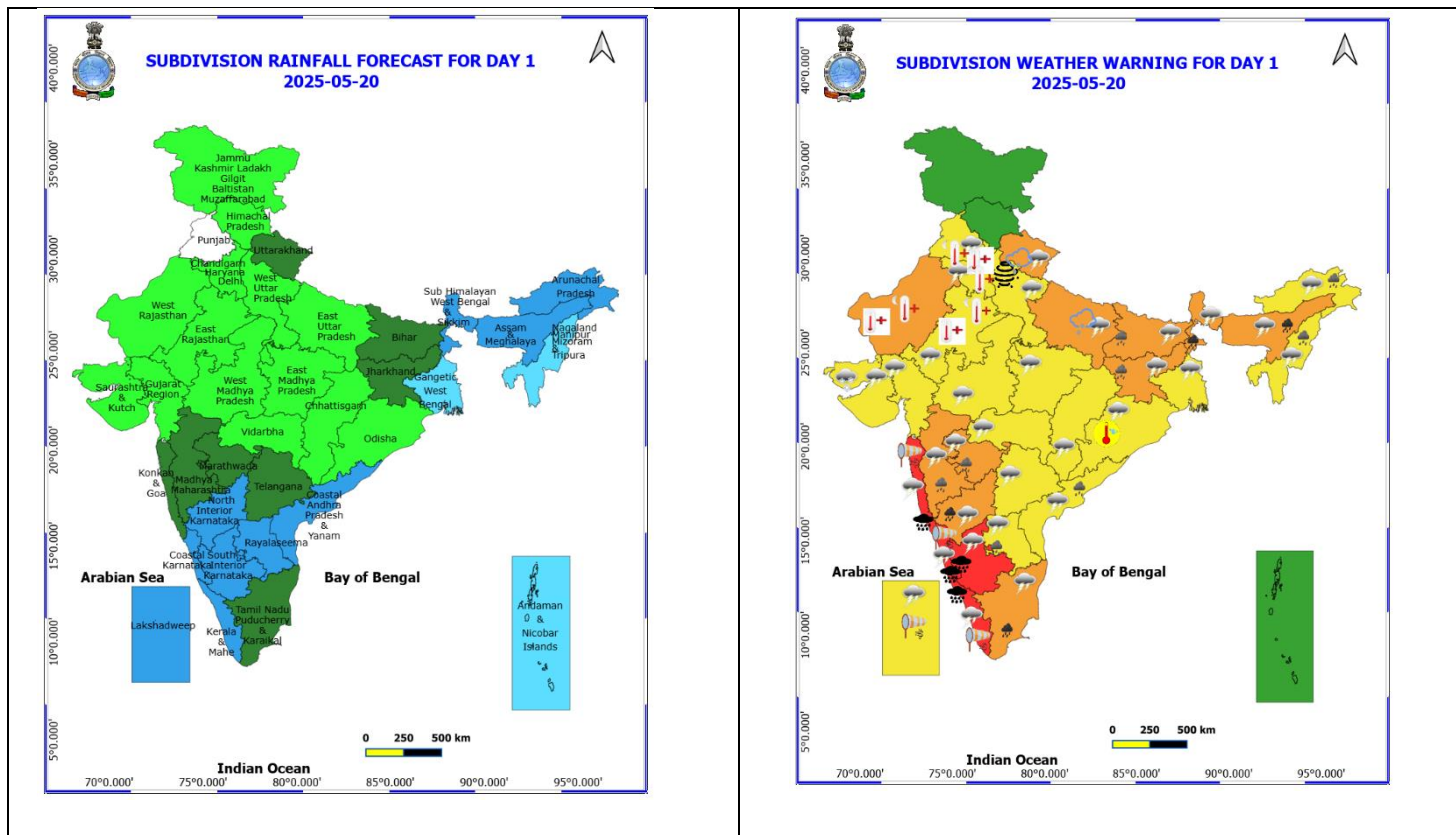
Main Weather Observations:

- ❖ **Light/moderate Rainfall with thunderstorm & lightning** observed at **most places** over Konkan & Goa; **at many places** over Assam & Meghalaya, Coastal Karnataka; **at a few places** over Nagaland, Manipur, Mizoram & Tripura, Tamil Nadu, Puducherry & Karaikal, Coastal Andhra Pradesh & Yanam; **at isolated places** over Interior Karnataka, Rayalaseema, Telangana, Saurashtra & Kutch, Madhya Pradesh, Jharkhand, West Bengal & Sikkim, Marathwada, Vidarbha, Jammu-Kashmir, East Uttar Pradesh.
- ❖ **Significant amount of rainfall recorded** (from 0830 hours IST to 1730 hours IST of today) (in cm): **Kerala & Mahe:** Kannur 8, Kozhikode 4, Karipur 3; **Konkan & Goa:** Goa 8, Ratnagiri 4; **Assam & Meghalaya:** Silchar 6, Shora 4, Shillong 4, Barapani 2; **Nagaland, Manipur, Mizoram & Tripura:** Kailashahar 6, Lengpui 3; **Tamil Nadu:** Tiruttani 6, Salem 2, Dharmapuri 2; **Coastal Andhra Pradesh & Yanam:** Kakinada 2; **Coastal Karnataka:** Karwar 4, Mangalore 3; **Madhya Maharashtra:** Kolhapur 3; **Jharkhand:** Ranchi 3;
- ❖ **Heavy rainfall** has been recorded at isolated places over Kerala & Mahe, Konkan & Goa.
- ❖ **Heat wave conditions** prevailed at isolated places over West Rajasthan.
- ❖ **Minimum Temperature Departures (as on 20-05-2025):** Minimum Temperature are **markedly above normal (> 5.1°C)** at Few places over West Rajasthan, East Madhya Pradesh and Gujarat Region; at Isolated places over Assam & Meghalaya, Bihar, Haryana-Chandigarh-Delhi, Punjab, Himachal Pradesh, West Madhya Pradesh and Saurashtra & Kutch. **appreciably above normal (3.1°C to 5.0°C)** at Few places over West Uttar Pradesh, Uttarakhand, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Konkan & Goa; at Isolated places over Gangetic West Bengal, Odisha, East Rajasthan and Tamil Nadu, Puducherry & Karaikal. **above normal (1.6°C to 3.0°C)** at Few places over Andaman & Nicobar Islands and Nagaland, Manipur, Mizoram & Tripura; at Isolated places over Sub Himalayan West Bengal & Sikkim, Jharkhand, Madhya Maharashtra, Coastal Andhra Pradesh & Yanam, Rayalaseema and North Interior Karnataka. **near normal (-1.5°C to 1.5°C)** at Many places over Chhattisgarh and Telangana; at Most places over Arunachal Pradesh, East Uttar Pradesh, Vidarbha, Coastal Karnataka and South Interior Karnataka; at Few places over Marathwada, Kerala & Mahe and Lakshadweep. **The lowest minimum temperature** of 21.2°C is reported at Darbhanga (Bihar) over the Plains of India.
- ❖ **Maximum Temperature Departures (as on 20-05-2025):** Maximum Temperature are **markedly above normal (>5.1°C)** at Isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad. **appreciably above normal (3.1°C to 5.0°C)** at Isolated places over Himachal Pradesh, West Rajasthan. **above normal (1.6°C to 3.0°C)** at Isolated places over Punjab, West Madhya Pradesh, Uttarakhand, Odisha, East Rajasthan. **near normal (-1.5°C to 1.5°C)** at Many places over Madhya Maharashtra, Konkan & Goa, Marathwada, Vidarbha, Coastal Andhra Pradesh & Yanam, Telangana, Kerala & Mahe, Rayalaseema; at a few places over Tamil Nadu, Puducherry & Karaikal, East Uttar Pradesh, Gangetic West Bengal, Assam & Meghalaya, Jharkhand; at Isolated places over Nagaland, Manipur, Mizoram & Tripura, Chhattisgarh, Interior Karnataka. Today, the highest **maximum temperature of 46.6°C** is reported at **Banda (East Uttar Pradesh)** over the country.

Meteorological Analysis (Based on 1730 hours IST)

- ❖ **The Northern Limit of Monsoon continues to pass through 5°N/60°E, 6°N/65°E, 7°N/70°E, 7°N/75°E, 8°N/80°E, 10.5°N/85°E, 15°N/90°E and 21°N/95°E.**
- ❖ The conditions are likely to become favourable for Monsoon onset over Kerala during next 4-5 days.
- ❖ The conditions are also likely to become favourable for further advance of southwest Monsoon over some more parts of South Arabian Sea, remaining parts of Maldives and Comorin area; some parts of Lakshadweep area, Kerala, Tamil Nadu; some more parts South & Central Bay of Bengal, Northeast Bay of Bengal and some parts of Northeastern states during the same period.
- ❖ An **upper air cyclonic circulation** is likely to form over eastcentral Arabian Sea off Karnataka coast around 21st May. Under its influence, a **low-pressure area** is likely to form over the same region around 22nd May. Thereafter, it is likely to move northwards and intensify further.
- ❖ The **trough** in middle tropospheric westerlies with its axis at 5.8 km above mean sea level roughly along Long. 80°E to the north of Lat. 28°N persists.
- ❖ The **upper air cyclonic circulation** over northeast Rajasthan & adjoining south Haryana at 0.9 km above mean sea level persists.
- ❖ The **upper air cyclonic circulation** over Haryana & neighbourhood at 1.5 km above mean sea level persists.
- ❖ The **upper air cyclonic circulation** over central Pakistan & neighbourhood at 1.5 km above mean sea level persists.
- ❖ The east-west **trough** from **cyclonic circulation** over central Pakistan to north Bangladesh across north Rajasthan, south Haryana, south Uttar Pradesh, Bihar & Sub-Himalayan West Bengal at 1.5 km above mean sea level persists.
- ❖ The **upper air cyclonic circulation** over central Assam extending upto 1.5 km above mean sea level persists.
- ❖ The **upper air cyclonic circulation** over North Bangladesh & neighbourhood at 1.5 km above mean sea level persists.
- ❖ The upper air **cyclonic circulation** over westcentral Bay of Bengal adjoining south Andhra Pradesh & north Tamil Nadu persists and now seen extends upto 3.1 km above mean sea level tilting southwestwards with height.
- ❖ The upper air **cyclonic circulation** over South Interior Karnataka & neighbourhood between 1.5 & 5.8 km above mean sea level tilting southwestwards with height persists.

Weather Forecast & Warnings for next 7 days (Upto 0830 hours IST of 27th May, 2025)



20th May (Day 1)

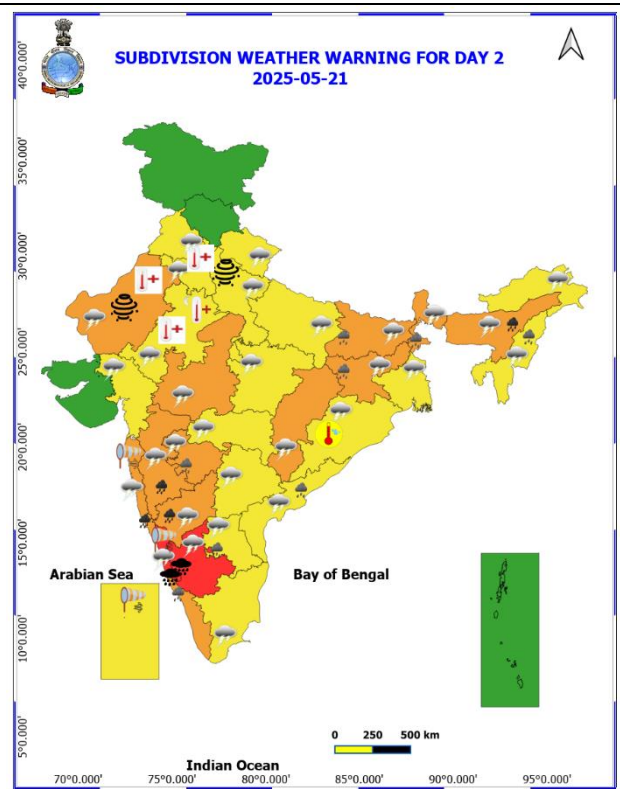
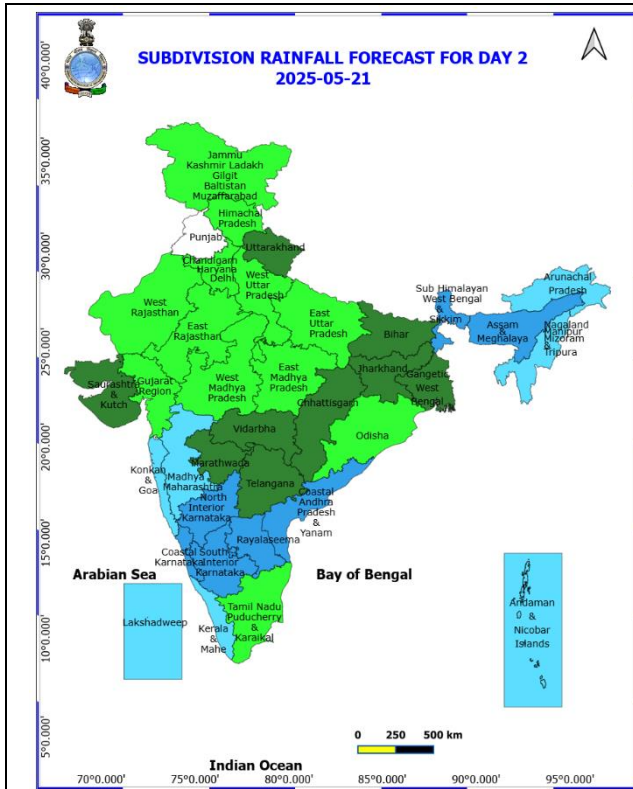
- ❖ **Heavy to Very Heavy Rainfall with isolated Extremely Heavy Rainfall** very likely at isolated places over Konkan & Goa, Kerala & Mahe and Costal & Ghat areas of Karnataka.
- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Tamil Nadu Puducherry & Karaikal, North Interior Karnataka, Sub Himalayan West Bengal & Sikkim Assam & Meghalaya and Tripura.
- ❖ **Heavy Rainfall** very likely at isolated places over Arunachal Pradesh, Bihar, Jharkhand, Ghat areas of Madhya Maharashtra, Marathwada, Andhra Pradesh, Rayalaseema, Saurashtra & Kutch and Nagaland, Manipur, Mizoram.
- ❖ **Thunderstorm accompanied with Hailstorm** very likely at isolated places over East Uttar Pradesh and Uttarakhand.
- ❖ **Thundersquall with wind speed reaching(50-60kmph)** very likely at isolated places over Bihar, Jharkhand, Konkan & Goa, Madhya Maharashtra, Marathwada, Sub Himalayan West Bengal & Sikkim and Uttarakhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Andhra Pradesh, Chhattisgarh, East Rajasthan, Gangetic West Bengal, Gujarat State, Interior Karnataka, Uttar Pradesh and West Madhya Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Assam & Meghalaya, Costal Karnataka, East Madhya Pradesh, Haryana, Chandigarh & Delhi, Kerala & Mahe, Nagaland, Manipur, Mizoram and Tripura, Odisha, Punjab, Tamil Nadu Puducherry & Karaikal, Telangana and Vidarbha.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Arunachal Pradesh and Lakshadweep.
- ❖ **Dust Storm** very likely at isolated places over West Uttar Pradesh.
- ❖ **Strong Surface Winds** very likely at isolated places over Costal Karnataka, Kerala & Mahe, Konkan & Goa and Lakshadweep.
- ❖ **Heat Wave conditions** very likely at isolated places over South Haryana and Rajasthan.
- ❖ **Hot and Humid weather** very likely at isolated places over Odisha.
- ❖ **Warm Night conditions** very likely at isolated places over South Haryana, South Punjab and Rajasthan.
- ❖ **Squally weather with wind speed 35 kmph to 45 kmph gusting to 55 kmph** prevailing along and off south Konkan, Goa, Kerala, Karnataka coasts, over Lakshadweep area, central parts of south Bay of Bengal, along and off Andhra Pradesh, north Tamil Nadu coasts. Fishermen are advised not to venture into these areas.

* Red colour warning does not mean "Red Alert", Red colour 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.

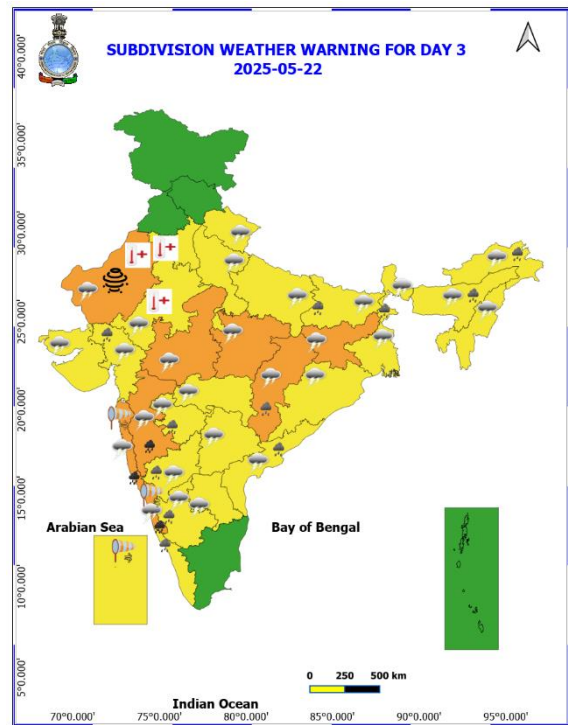
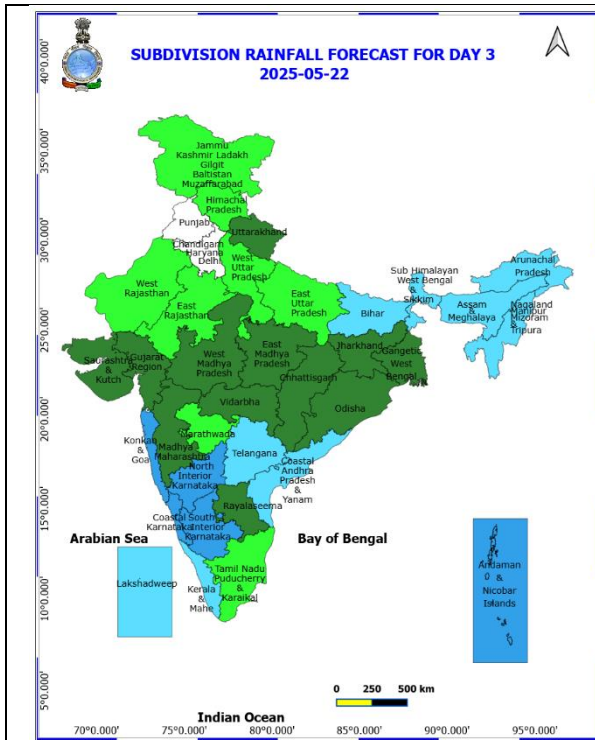
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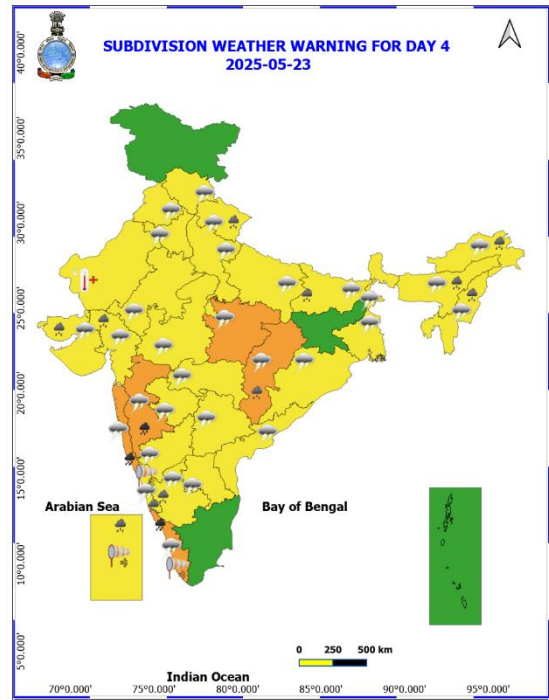
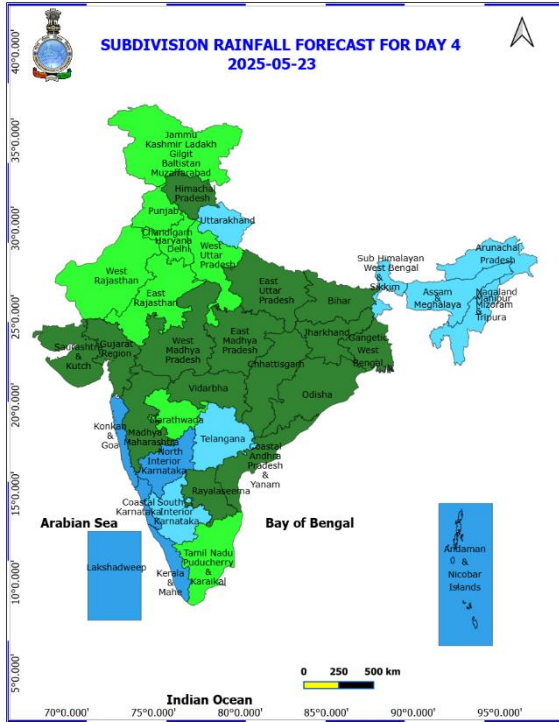
21st May (Day 2)

- ❖ **Heavy to Very Heavy Rainfall with isolated Extremely Heavy Rainfall** very likely at isolated places over Costal & Ghat areas of Karnataka.
- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Assam & Meghalaya, Konkan & Goa, Ghat areas of Madhya Maharashtra and North Interior Karnataka.
- ❖ **Heavy Rainfall** very likely at isolated places over Andhra Pradesh, Bihar, Jharkhand, Kerala & Mahe, Marathwada, Nagaland, Manipur, Mizoram and Tripura and Sub Himalayan West Bengal & Sikkim.
- ❖ **Thundersquall with wind speed reaching(50-60kmph)** very likely at isolated places over Bihar, Chhattisgarh, Jharkhand, Konkan & Goa, Madhya Maharashtra, Marathwada, Sub Himalayan West Bengal & Sikkim and West Madhya Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Andhra Pradesh, Gujarat Region, Interior Karnataka, Rajasthan, Uttar Pradesh, Uttarakhand and Vidarbha.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Assam & Meghalaya, Costal Karnataka, East Madhya Pradesh, Gangetic West Bengal, Haryana, Chandigarh & Delhi, Nagaland, Manipur, Mizoram and Tripura, Odisha, Punjab and Telangana.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Arunachal Pradesh and Tamil Nadu Puducherry & Karaikal.
- ❖ **Dust Storm** very likely at isolated places over West Rajasthan and West Uttar Pradesh.
- ❖ **Strong Surface Winds** very likely at isolated places over Costal Karnataka, Konkan & Goa and Lakshadweep.
- ❖ **Heat Wave to severe heat wave conditions** very likely at a few places over West Rajasthan and **Heat Wave conditions** very likely at isolated places over South Haryana and East Rajasthan.
- ❖ **Hot and Humid weather** very likely at isolated places over Odisha.
- ❖ **Warm Night conditions** very likely at isolated places over Rajasthan.
- ❖ **Squally weather with wind speed 35 kmph to 45 kmph gusting to 55 kmph** prevailing along and off Konkan, Goa, Kerala, Karnataka coasts, over Lakshadweep area. . Fishermen are advised not to venture into these areas.



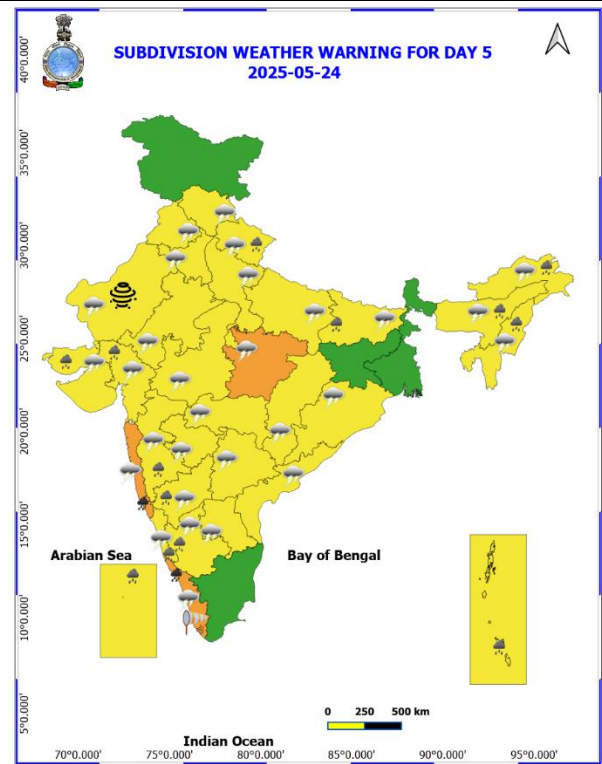
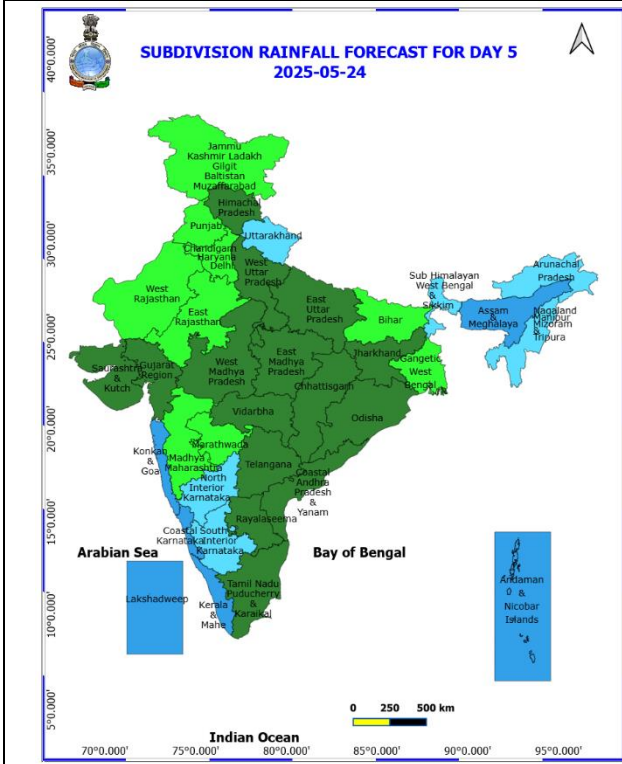
22nd May (Day 3)

- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Coastal Karnataka, Konkan & Goa and Ghat areas of Madhya Maharashtra.
- ❖ **Heavy Rainfall** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Bihar, Chhattisgarh, Coastal Andhra Pradesh, Gujarat Region, Interior Karnataka, Kerala & Mahe, Marathwada and Sub Himalayan West Bengal & Sikkim.
- ❖ **Thundersquall with wind speed reaching(50-60kmph)** very likely at isolated places over Chhattisgarh, Jharkhand, Konkan & Goa, Madhya Maharashtra and Madhya Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Andhra Pradesh, Bihar, Gujarat State, Odisha, Rajasthan, Sub Himalayan West Bengal & Sikkim, Telangana, Uttar Pradesh and Uttarakhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Coastal Karnataka, Gangetic West Bengal, Interior Karnataka, Marathwada, Nagaland, Manipur, Mizoram and Tripura and Vidarbha.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Arunachal Pradesh and Assam & Meghalaya.
- ❖ **Dust Storm** very likely at isolated places over West Rajasthan.
- ❖ **Strong Surface Winds** very likely at isolated places over Coastal Karnataka, Konkan & Goa and Lakshadweep.
- ❖ **Heat Wave to severe heat wave conditions** very likely at a few places over West Rajasthan and **Heat Wave conditions** very likely at isolated places over South Haryana and East Rajasthan.
- ❖ **Warm Night conditions** very likely at isolated places over West Rajasthan.
- ❖ **Squally weather with wind speed 35 kmph to 45 kmph gusting to 55 kmph** prevailing along and off Goa, Konkan coasts and adjoining south Gujarat coast, along and off Kerala, Karnataka coasts, over Lakshadweep area. Fishermen are advised not to venture into these areas.



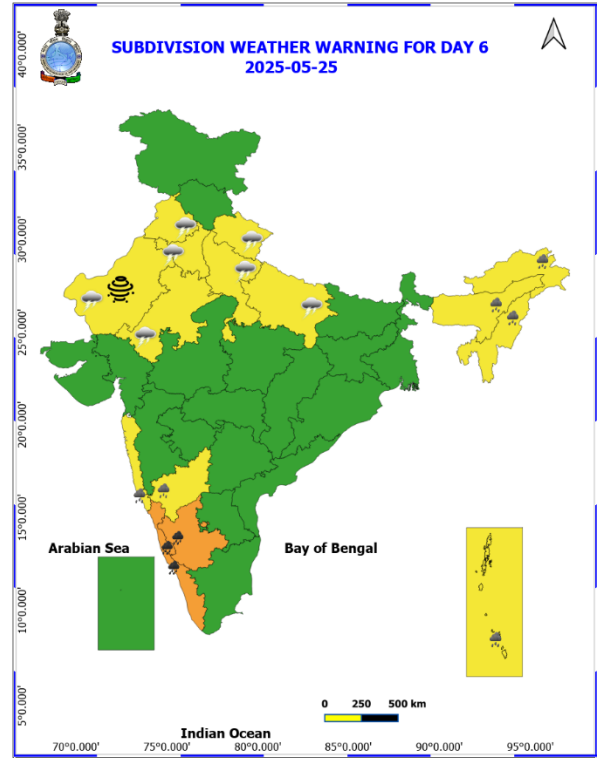
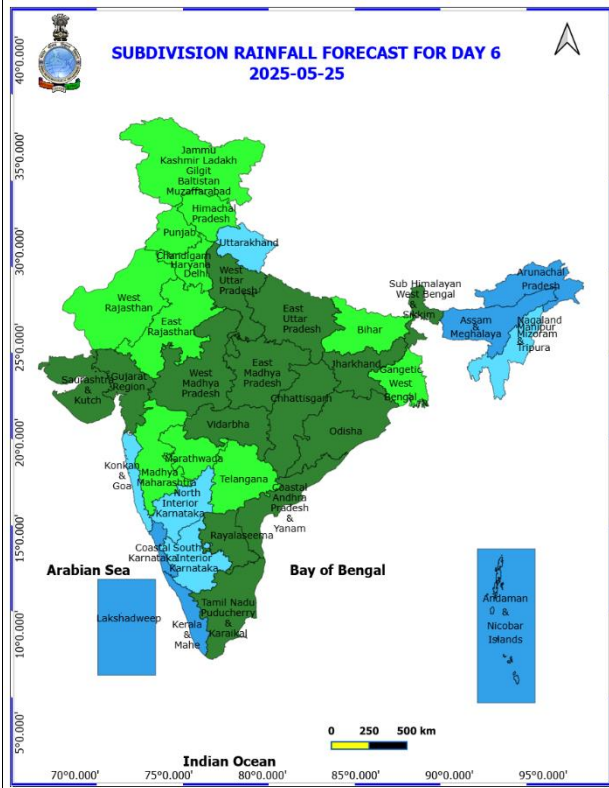
23rd May (Day 4)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Kerala & Mahe, Konkan & Goa and Ghat areas of Madhya Maharashtra.
- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Bihar, Chhattisgarh, Costal Karnataka, Gujarat State, Lakshadweep, Nagaland, Manipur, Mizoram and Tripura, South Interior Karnataka and Uttarakhand.
- ❖ **Thundersquall with wind speed reaching(50-60kmph)** likely at isolated places over Chhattisgarh and East Madhya Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andhra Pradesh, East Rajasthan, Gujarat State, Haryana, Chandigarh & Delhi, Himachal Pradesh, Konkan & Goa, Odisha, Punjab, Telangana, Uttar Pradesh, Uttarakhand, West Bengal & Sikkim and West Madhya Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Bihar, Interior Karnataka, Kerala & Mahe, Maharashtra and Nagaland, Manipur, Mizoram and Tripura.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya and Costal Karnataka.
- ❖ **Strong Surface Winds** likely at isolated places over Costal Karnataka, Kerala & Mahe and Lakshadweep.
- ❖ **Warm Night conditions** likely at isolated places over West Rajasthan.
- ❖ **Squally weather with wind speed 35 kmph to 45 kmph gusting to 55 kmph** prevailing along and off south Gujarat, Konkan, Goa coasts and adjoining east central Arabian Sea, along and off Kerala, Karnataka coasts, over Lakshadweep area. Fishermen are advised not to venture into these areas.



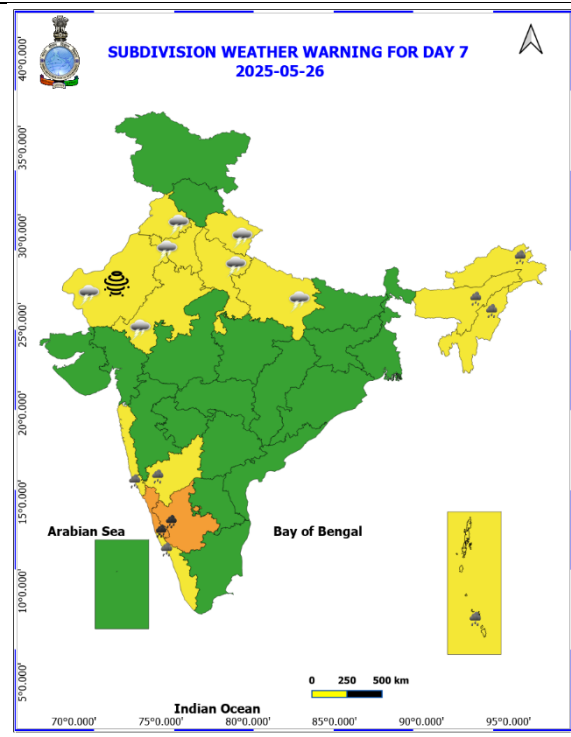
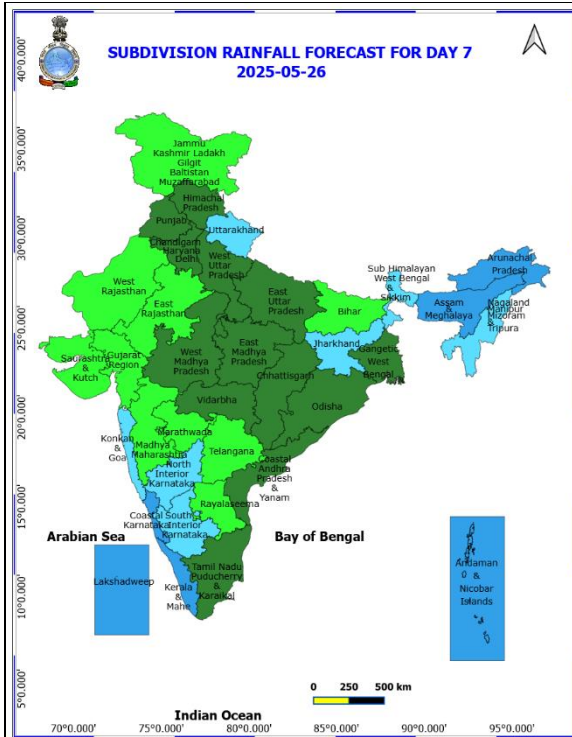
24th May (Day 5)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Kerala & Mahe and Konkan & Goa.
- ❖ **Heavy Rainfall** likely at isolated places over Andaman & Nicobar Islands, Arunachal Pradesh, Assam & Meghalaya, Bihar, Coastal Karnataka, Gujarat State, Interior Karnataka, Lakshadweep, Madhya Maharashtra, Nagaland, Manipur, Mizoram and Tripura and Uttarakhand.
- ❖ **Thundersquall with wind speed reaching(50-60kmph)** likely at isolated places over East Madhya Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andhra Pradesh, Chhattisgarh, Gujarat State, Haryana, Chandigarh & Delhi, Himachal Pradesh, Konkan & Goa, Odisha, Punjab, Rajasthan, Uttar Pradesh, Uttarakhand and West Madhya Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Bihar, Kerala & Mahe, Maharashtra, North Interior Karnataka and Telangana.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Coastal Karnataka, Nagaland, Manipur, Mizoram and Tripura and South Interior Karnataka.
- ❖ **Dust Storm** likely at isolated places over West Rajasthan.
- ❖ **Strong Surface Winds** likely at isolated places over Kerala & Mahe.
- ❖ **Squally weather with wind speed 35 kmph to 45 kmph gusting to 55 kmph** prevailing along and off south Gujarat coast and adjoining northeast Arabian Sea, along and off Konkan, Goa coasts and adjoining some parts of east central Arabian Sea, along and off Kerala, Karnataka coasts, over Lakshadweep area, over Gulf of Mannar and adjoining Comorin area. Fishermen are advised not to venture into these areas.



25th May (Day 6)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Costal Karnataka, Kerala & Mahe and South Interior Karnataka.
- ❖ **Heavy Rainfall** likely at isolated places over Andaman & Nicobar Islands, Arunachal Pradesh, Assam & Meghalaya, Konkan & Goa, Nagaland, Manipur, Mizoram and Tripura and North Interior Karnataka.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Haryana, Chandigarh & Delhi, Punjab, Rajasthan, Uttar Pradesh and Uttarakhnd.
- ❖ **Dust Storm** likely at isolated places over West Rajasthan.



26th May (Day 7)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Coastal Karnataka and South Interior Karnataka.
- ❖ **Heavy Rainfall** likely at isolated places over Andaman & Nicobar Islands, Arunachal Pradesh, Assam & Meghalaya, Kerala & Mahe, Konkani & Goa, Nagaland, Manipur, Mizoram and Tripura and North Interior Karnataka.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Haryana, Chandigarh & Delhi, Punjab, Rajasthan, Uttar Pradesh and Uttarakhand.
- ❖ **Dust Storm** likely at isolated places over West Rajasthan.

Weather Outlook for subsequent 3 days (During 27th May- 29th May, 2025)

- ❖ **Fairly widespread to widespread** rainfall activity likely over Northeast India.
- ❖ **Scattered to fairly widespread** rainfall activity likely over Chhattisgarh, Maharashtra, East and south peninsular India.
- ❖ **Isolated to scattered rainfall** likely over Jammu-Kashmir-Ladakh, Uttarakhand, Himachal Pradesh, Punjab, Haryana-Chandigarh-Delhi, Rajasthan, Uttar Pradesh, East Rajasthan and Madhya Pradesh.

Action may be taken based on **ORANGE AND RED COLOUR** warnings.

- Vulnerable regions likely urban and hilly areas action may be initiated for heavy rainfall warning.
- As the lead period increases forecast accuracy decreases.

Fig. 1: Maximum Temperatures

Fig. 2: Departure of Maximum Temperatures

* Red colour warning does not mean "Red Alert", Red colour 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)

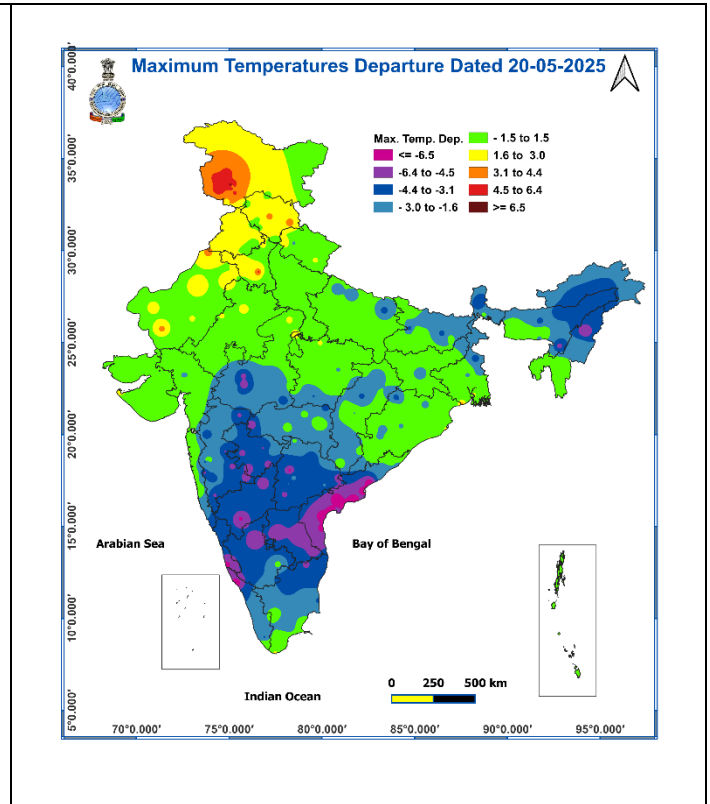
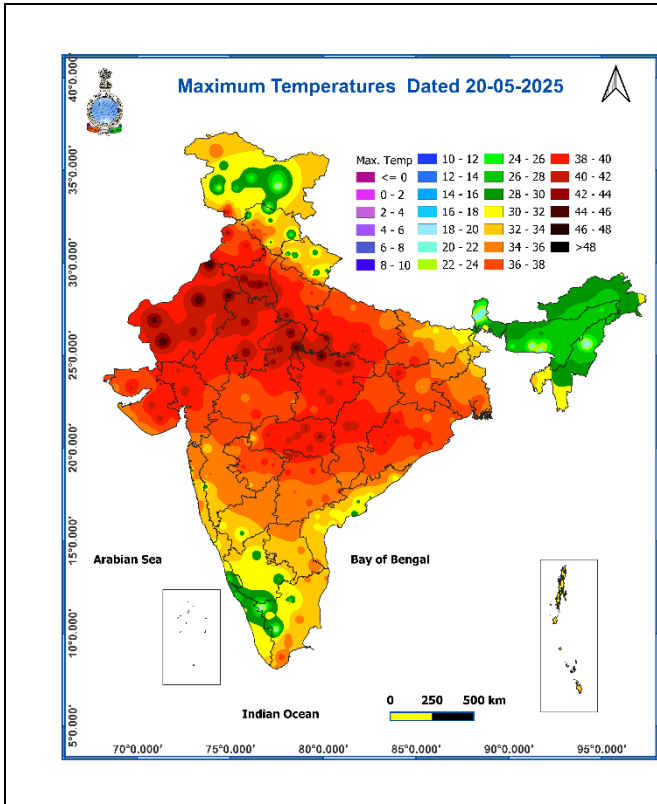


Fig. 3: Minimum Temperatures

Fig. 4: Departure of Minimum Temperatures

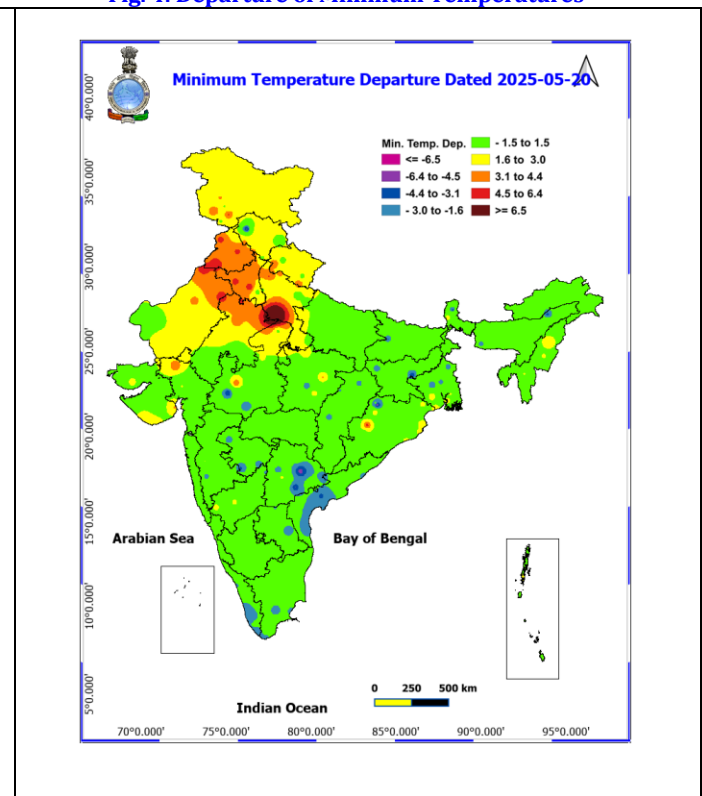
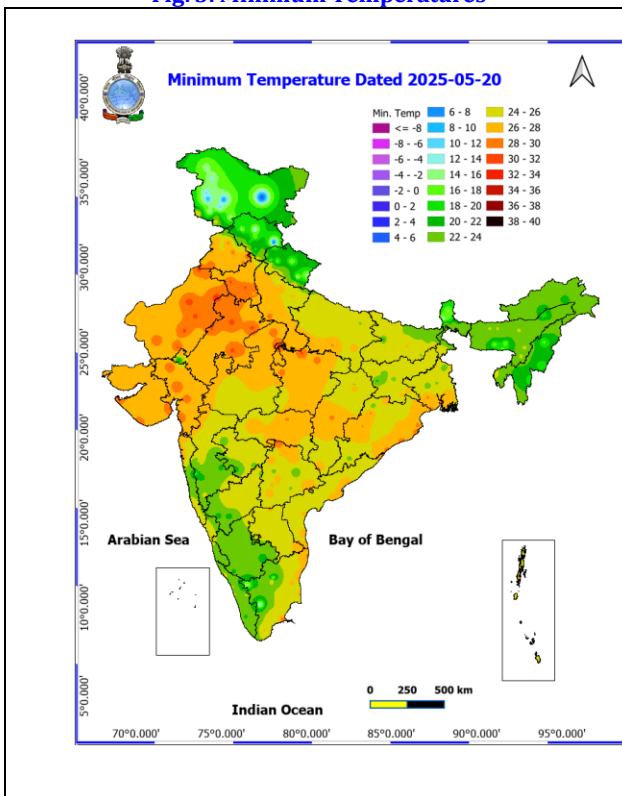


Fig. 5: Advance of Southwest Monsoon 2025

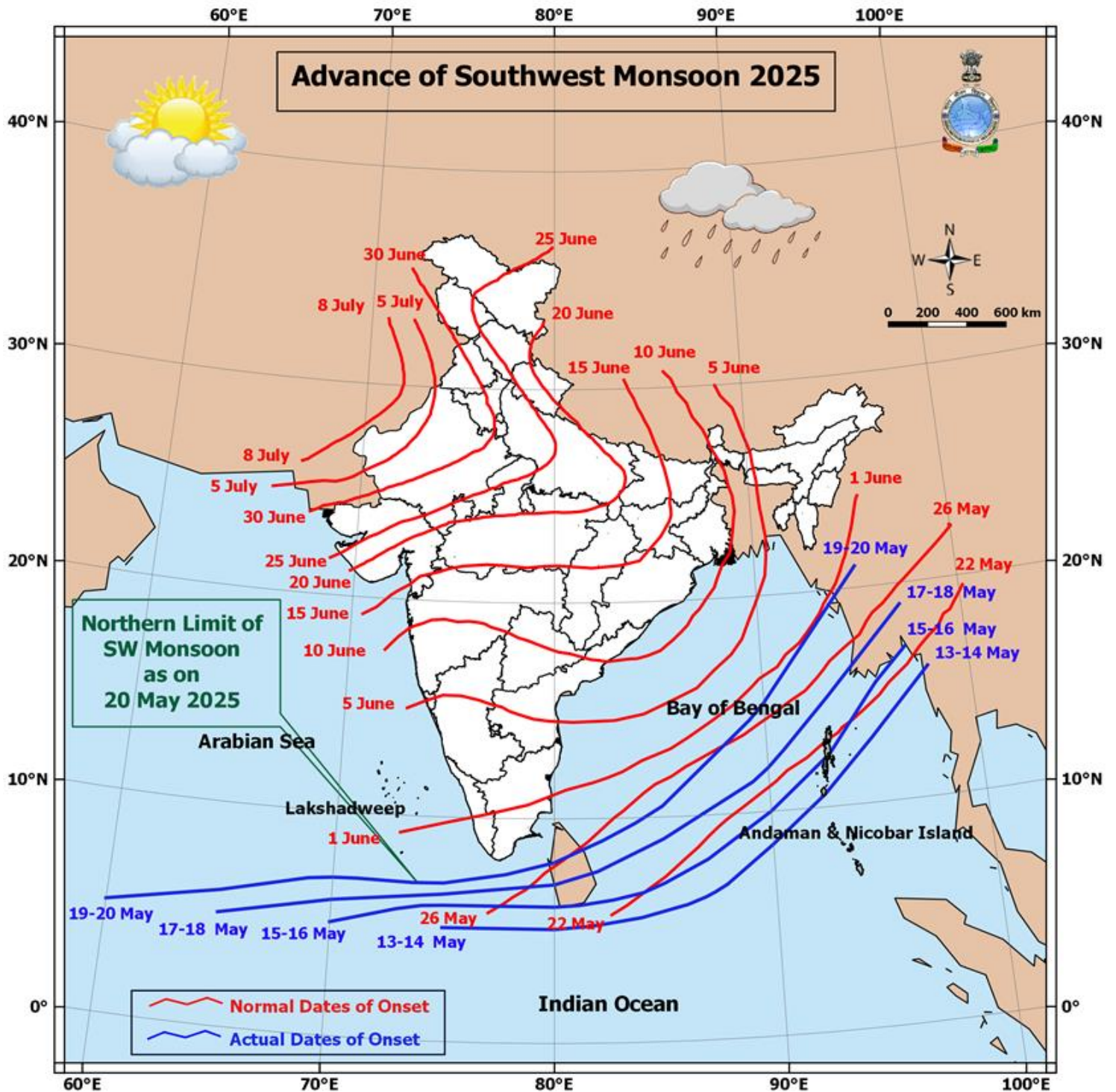
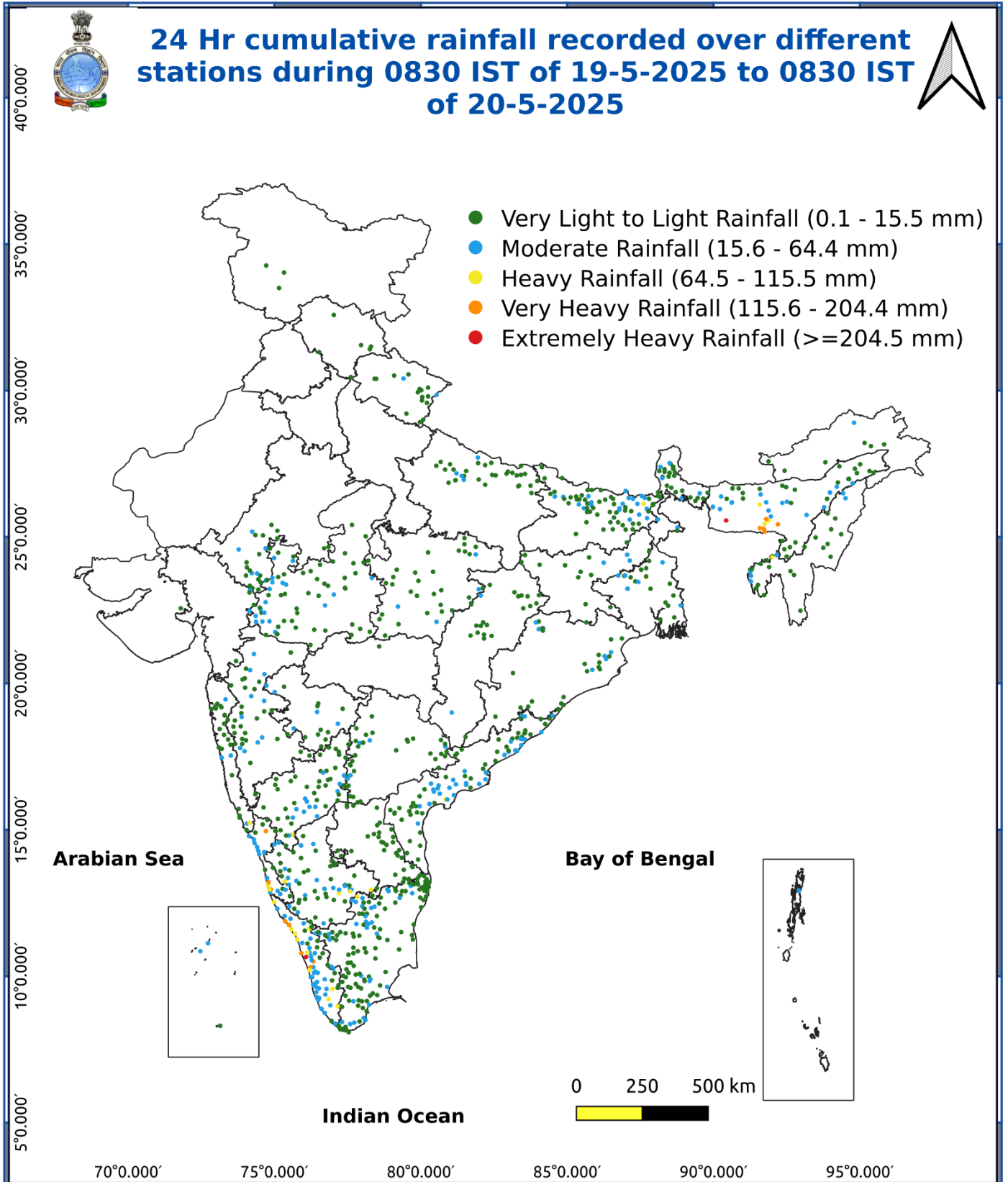


Fig. 6: Accumulated Rainfall (mm) during past 24 hours

* Red colour warning does not mean "Red Alert", Red colour 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)



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Impact & Action Suggested due to very heavy rainfall over

- ❖ **Extremely heavy rainfall** at isolated places over Kerala & Mahe, Konkan & Goa on 20th and Coastal & Ghat areas of Karnataka on 20th & 21st May.
- ❖ **Isolated very heavy rainfall** over Sub-Himalayan West Bengal & Sikkim, Ghat areas of Tamil Nadu, Coastal Andhra Pradesh & Yanam, Rayalaseema on 20th; Coastal Karnataka during 22nd, 25th & 26th; Assam & Meghalaya, North Interior Karnataka on 20th & 21st; South Interior Karnataka on 25th & 26th; south Madhya Maharashtra during 21st-23rd; Konkan & Goa during 20th-24th May.

Impact Expected

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

Action Suggested

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

Impact expected and action suggested due to isolated thunderstorm with lightning/gusty & Squally winds & Hailstorm over

- ❖ **Thundersquall wind speed reaching 50-60 kmph gusting to 70 kmph** over Uttarakhand on 20th; Konkan & Goa and Madhya Maharashtra during 20th-22nd; Marathwada on 20th & 21st; West Madhya Pradesh on 22nd; East Madhya Pradesh on 22nd & 23rd; Chhattisgarh during 21st-23rd; Sub-Himalayan West Bengal & Sikkim, Bihar on 20th & 21st; Jharkhand during 20th-22nd May.
- ❖ **Isolated hailstorm** over Uttarakhand & East Uttar Pradesh on 20th 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.
- 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 in isolated pockets of West Rajasthan on 20th with **Heat wave to severe heat wave conditions** in some parts during 21st-23rd May. **Heat wave conditions** in isolated pockets of East Rajasthan on 20th & 21st; south Haryana during 20th-22nd May.

Orange 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.

Yellow alert Areas

- 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 likely impact of Heavy Rainfall / Gusty Winds / Heat Wave

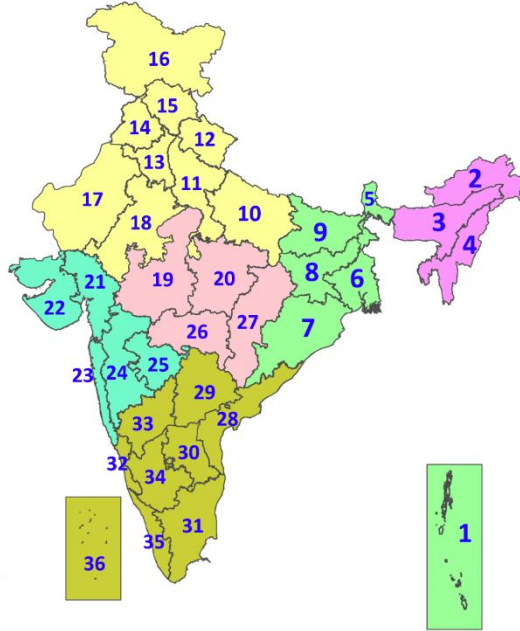
- In **North Eastern States, Sub-Himalayan West Bengal & Sikkim, Jharkhand, Bihar, Konkan & Goa, Madhya Maharashtra, Marathwada, Tamil Nadu, Kerala, Karnataka** and **Andhra Pradesh**, drain out excess water and ensure proper drainage in fields with standing crops and vegetables.
- In **Uttarakhand** and **East Uttar Pradesh**, use hail nets and hail caps to prevent mechanical damage in vegetables and orchards due to the possibility of hailstorms.
- Shift the harvested produce in safer places or cover the produce with tarpaulin sheets in the fields. Tie the harvested crops properly and cover them to minimise the risk of displacement due to strong surface winds.
- Provide mechanical support to horticultural crops and staking to vegetables to avoid lodging.
- In **Haryana** and **Rajasthan**, apply light and frequent irrigation in the evening to protect standing crops, vegetables and orchards from the adverse effects of heat waves and high temperatures.

Livestock / Poultry / Fishery

- Keep the animals inside the shed during heavy rainfall / hailstorm and provide them balanced feed.
- Store feed and fodder in a safe place to prevent spoilage.
- Construct an outlet with proper netting around the ponds to drain out excess water, thereby preventing fish from escaping in case of overflow.
- To reduce the effect of heat wave/high temperature, cover the roof of poultry sheds with grass. Also, provide clean, hygienic and plenty of drinking water to animals.

LEGENDS

1. अंडमान और निकोबार द्वीपसमूह
2. अरुणाचल प्रदेश
3. असम और मेघालय
4. नागालैंड, मणिपुर, मिजोरम और त्रिपुरा
5. उप-हिमालयी पश्चिम बंगाल और सिक्किम
6. गंगीय पश्चिम बंगाल
7. ओडिशा
8. झारखंड
9. बिहार
10. पूर्वी उत्तर प्रदेश
11. पश्चिम उत्तर प्रदेश
12. उत्तराखंड
13. हरियाणा, चंडीगढ़ और दिल्ली
14. पंजाब
15. हिमाचल प्रदेश
16. जम्मू और कश्मीर और लद्दाख
17. पश्चिम राजस्थान
18. पूर्वी राजस्थान
19. पश्चिम मध्य प्रदेश
20. पूर्वी मध्य प्रदेश
21. गुजरात
22. सौराष्ट्र
23. कोंकण और गोवा
24. मध्य महाराष्ट्र
25. मराठवाड़ा
26. विदर्भ
27. छत्तीसगढ़
28. तटीय आंध्र प्रदेश और यनम
29. तेलंगाना
30. रायलसीमा
31. तमिलनाडु, पुडुचेरी और कराईकल
32. तटीय कर्नाटक
33. आंतरिक उत्तरी कर्नाटक
34. आंतरिक दक्षिणी कर्नाटक
35. केरल और 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. Odisha
8. Jharkhand
9. Bihar
10. East Uttar Pradesh
11. West Uttar Pradesh
12. Uttarakhand
13. Haryana, Chandigarh & Delhi
14. Punjab
15. Himachal Pradesh
16. Jammu & Kashmir and Ladakh
17. West Rajasthan
18. East Rajasthan
19. West Madhya Pradesh
20. East Madhya Pradesh
21. Gujarat
22. Saurashtra
23. Konkan & Goa
24. Madhya Maharashtra
25. Marathwada
26. Vidarbha
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)

- | | | |
|----------------------|----------------------|--------------|
| Fog | Heavy Snow | Cold Wave |
| Heavy Rain | Dust Storm | Cold Day |
| Very Heavy Rain | Heat Wave | Ground Frost |
| Extremely Heavy Rain | Warm Night | |
| Thunder & Lightning | Hot Day | |
| Hailstorm | Hot & Humid | |
| Dust Raising Winds | Strong Surface Winds | |

COLOUR CODED WARNING

No Warning (No Action)
Watch (Be Aware)
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

DEFINITION/CRITERIA

Rain/ Snow *

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

Heat Wave

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 $\geq 37^\circ\text{C}$

Warm Night

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

Cold Wave

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

Cold Day

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

Fog

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

Thunderstorm

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

Dust/Sand Storm

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

Frost

Ice deposits on ground

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

Squall

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

Sea State

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

Cyclone

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 Strom: Wind speed > 220 kmph (> 119 knots)