

Sunday, May 25, 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 with heavy rainfall at a few places with very heavy & extremely rainfall at isolated places very likely over Kerala & Mahe on 25th & 26th May and heavy to very heavy rainfall thereafter during 27th-31st May; heavy to very heavy rainfall with extremely heavy rainfall at isolated places very likely over Coastal & South Interior Karnataka during 25th-27th; and heavy to very heavy rainfall thereafter during 28th -31st May and heavy to very heavy rainfall over North Interior Karnataka during 25th-27th May and heavy rainfall during 28th-30th May.**
- ❖ Scattered to fairly widespread light/moderate rainfall accompanied with **thunderstorm, lightning & gusty winds speed reaching 40-50 kmph** likely over Coastal Andhra Pradesh & Yanam, Rayalaseema and Telangana during next 5 days with and **Isolated heavy rainfall** likely over Lakshadweep on 25th & 26th; Coastal Andhra Pradesh & Yanam, Telangana during 25th-29th; Rayalaseema on 27th & 28th May.
- ❖ Isolated to scattered light/moderate rainfall accompanied with **thunderstorm, lightning & gusty winds speed reaching 40-50 kmph with heavy rainfall at a few places with very heavy & extremely rainfall at isolated places very likely over Tamilnadu Puducherry & Karaikal on 25th & 26th and heavy to very heavy rainfall thereafter during 27th-29th May.**
- ❖ **Thundersquall wind speed reaching 50-60 kmph gusting to 70 kmph** likely over South Interior Karnataka on 25th, Coastal Andhra Pradesh & Yanam, Rayalaseema during 27th-29th May.

West India:

- ❖ Scattered to fairly widespread light/moderate rainfall accompanied with **thunderstorm, lightning & gusty winds speed reaching 40-50 kmph Konkan & Goa, Madhya Maharashtra, Marathawada during 25th-27th; Gujarat State during 25th-28th May with Thundersquall wind speed reaching 50-60 kmph gusting to 70 kmph** likely over Gujarat State on 25th May.
- ❖ **Isolated heavy rainfall** likely over Marathawada, Gujarat Region during 25th-27th with isolated **very heavy rainfall** over Konkan & Goa, Madhya Maharashtra during 25th-30th May.

Northeast India:

- ❖ Fairly widespread to widespread light/moderate rainfall accompanied with **thunderstorm, lightning & gusty winds speed reaching 30-40 kmph over Northeast India during next 7 days. Isolated heavy rainfall** likely over Arunachal Pradesh on 25th, 26th & during 29th-31st, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura during 25th-31st May with isolated **very heavy rainfall** likely over Nagaland, Manipur, Mizoram & Tripura on 28th & 29th and over Assam & Meghalaya on 30th & 31st May.

East & Central India:

- ❖ Scattered to fairly widespread light/moderate rainfall accompanied with **thunderstorm, lightning & gusty winds speed reaching 40-50 kmph** likely over Vidarbha, Chhattisgarh during 25th-29th; West Bengal & Sikkim, Jharkhand, Odisha during 25th-31st May. **Isolated to scattered light/moderate rainfall accompanied with thunderstorm, lightning & gusty winds speed reaching 40-50 kmph** likely over Madhya Pradesh during 25th-29th; Bihar during 25th-31st May with **Thundersquall wind speed reaching 50-60 kmph gusting to 70 kmph** likely over West Madhya Pradesh on 25th; East Madhya Pradesh on 25th & 26th, Bihar on 26th May.
- ❖ **Isolated heavy rainfall** likely over Vidarbha during 25th-28th; Chhattisgarh, Andaman & Nicobar Islands during 25th-27th; Bihar on 25th & 26th; West Bengal & Sikkim during 28th-31st; Odisha during 25th-31st with isolated **very heavy rainfall** over Andaman & Nicobar Islands on 25th & 26th, Sub-Himalayan West Bengal & Sikkim on 30th & 31st May.

Northwest India:

- ❖ Scattered to fairly widespread light/moderate rainfall accompanied with **thunderstorm, lightning & gusty winds speed reaching 40-50 kmph** likely over Uttarakhand during 25th-31st and **isolated to scattered light to moderate rainfall with thunderstorm, lightning & gusty winds speed reaching 40-50 kmph** likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 27th-30th; Uttarakhand, Punjab, Haryana, Uttar Pradesh, Rajasthan during 25th-31st with **Thundersquall wind speed reaching 50-60 kmph gusting to 70 kmph** likely over Uttarakhand on 25th; Himachal Pradesh on 27th & 28th May.
- ❖ **Isolated hailstorm** over Himachal Pradesh on 27th & 28th May.
- ❖ **Isolated heavy rainfall** also likely over Uttarakhand on 25th and during 28th-30th; Himachal Pradesh on 30th & 31st May.
- ❖ **Duststorm (40-50 kmph)** also very likely over Rajasthan on 25th & 26th May.

Maximum Temperature Forecast:

- ❖ fall by about 4-6°C in maximum temperatures likely over Northwest India during next 24 hours and gradual rise by 3-4°C thereafter for subsequent 4-5 days.
- ❖ No significant change in maximum temperatures likely over rest parts of the country.

Heat wave and Warm Night warnings:

- ❖ **Heat wave to severe heat wave conditions** in isolated pockets of West Rajasthan on 25th & 26th May.
- ❖ **Heat wave conditions** very likely in isolated pockets of East Rajasthan on 25th & 26th; West Rajasthan on 27th May.
- ❖ **Warm night conditions** very likely in few pockets of West Rajasthan on 25th & 26th May.

* 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

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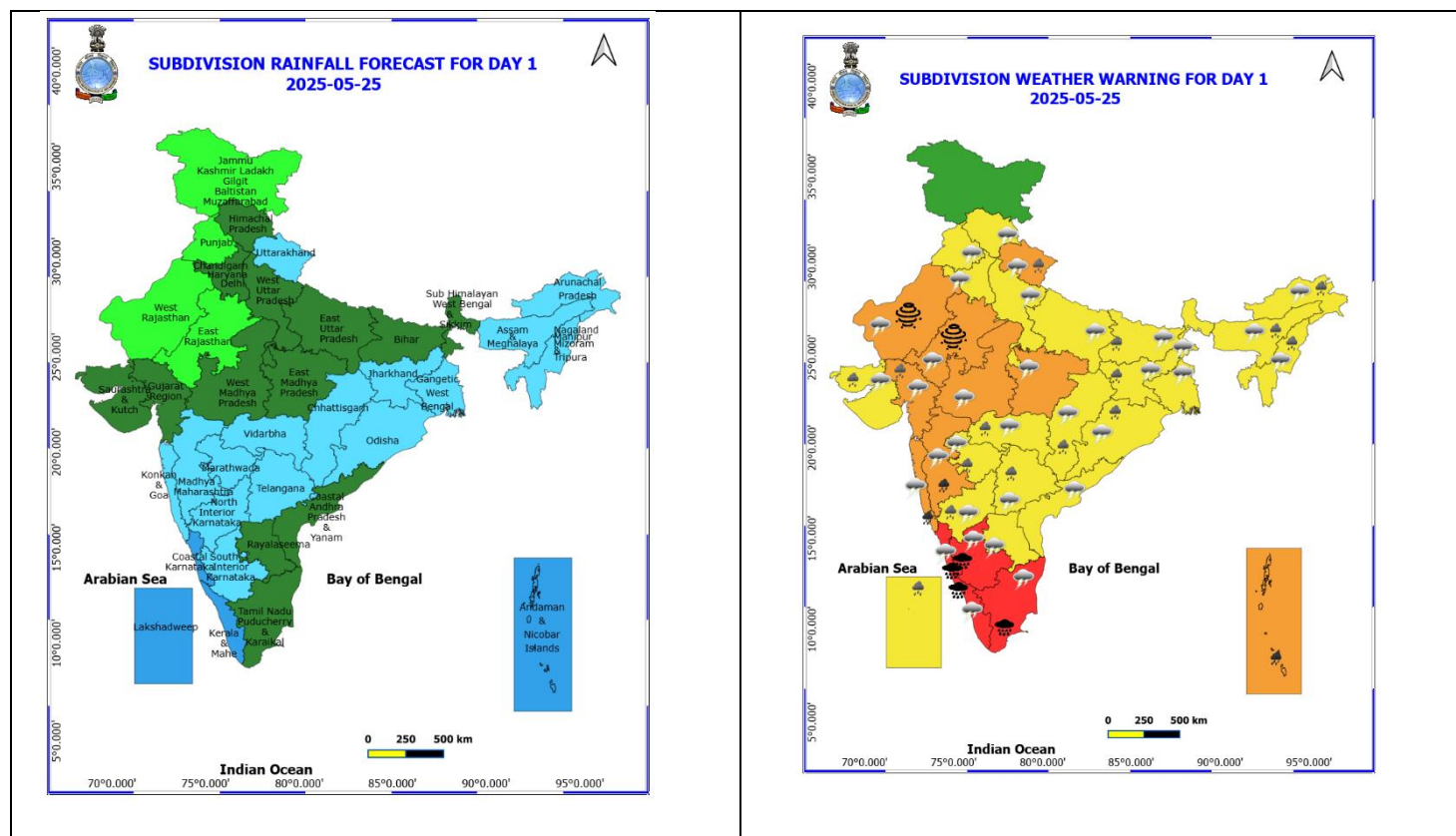
Main Weather Observations:

- ❖ **Significant rainfall recorded (in cm)**(from 0830 hours IST to 1730 hours IST of today): **Bihar:** Gaya (dist Gaya) 7; **Konkan & Goa:** Harnai (dist Ratnagiri) 4; **Coastal Karnataka:** Mangalore (bajpe) AP (dist Dakshina Kannada) 4, Karwar, Honavar (dist Uttara Kannada) 3 Each; **Andaman & Nicobar islands:** Car Nicobar (dist Nicobar) 3, Long Island (dist North And Middle Andaman), Hut Bay (dist South Andaman), Car Nicobar (dist Nicobar) 2 Each; **Kerala & Mahe:** Palakkad (Palghat) (dist Palakkad), Thrissur (dist Thrissur) 3 Each, Kozhikode (Calicut) (dist Kozhikode), Kochi (cochin), Kochi (cial) (dist Ernakulam), Cannanore (Kannur) (dist Kannur) 2 Each; **Sub-Himalayan West Bengal & Sikkim:** Balurghat (dist Dakshin Dinajpur) 3; **Tamilnadu Puducherry & Karaikal:** Valparai(upasitri) (dist Coimbatore) 3, Uthagamandalam (ootacamund) (dist Nilgiris) 2; **Odisha:** Paradip Port (dist Jagatsinghapur), Rayagada-obs (dist Rayagada) 3 Each; **Gangetic West Bengal:** Sri Niketan (dist Birbhum) 2; **Vidarbha:** Akola (dist Akola), Buldana (dist Buldhana), Wardha (dist Wardha) 2 Each; **Madhya Maharashtra:** Baramati-obs (dist Pune) 2; **Nagaland, Manipur, Mizoram & Tripura:** Agartala AP (dist West Tripura) 2.
- ❖ **Heavy Rainfall observed** (from 0830 hours IST to 1730 hours IST of today): **Heavy rain** at Isolated places over Bihar.
- ❖ **Minimum Temperature Departures (as on 25-05-2025):** Minimum temperatures are **markedly above normal (> 5.1°C)** at Few places over East Madhya Pradesh; at Isolated places over Assam & Meghalaya, Bihar, East Uttar Pradesh, West Uttar Pradesh, Himachal Pradesh, Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad, West Rajasthan, West Madhya Pradesh, Gujarat Region, Saurashtra & Kutch and Madhya Maharashtra. **appreciably above normal (3.1°C to 5.0°C)** at Few places over Sub Himalayan West Bengal & Sikkim; at Isolated places over East Rajasthan and Tamil Nadu, Puducherry & Karaikal. **above normal (1.6°C to 3.0°C)** at Most places over Arunachal Pradesh; at Few places over Nagaland, Manipur, Mizoram & Tripura and Rayalaseema; at Isolated places over Gangetic West Bengal, Jharkhand, Konkan & Goa, Vidarbha and Coastal Andhra Pradesh & Yanam. **near normal (-1.5°C to 1.5°C)** at Many places over Uttarakhand, Coastal Karnataka, North Interior Karnataka and Lakshadweep; at Most places over Andaman & Nicobar Islands, Odisha and South Interior Karnataka; at Few places over Kerala & Mahe; at Isolated places over Punjab, Marathwada and Chhattisgarh. **Today**, the lowest minimum temperature of **16.6°C** is reported at **Hindon-IAF (West Uttar Pradesh)** over the Plains of India.
- ❖ **Maximum Temperature Departures (as on 25-05-2025):** Maximum temperatures are **markedly above normal (> 5.1°C)** at Few places over Arunachal Pradesh; at Isolated places over Assam & Meghalaya. **appreciably above normal (3.1°C to 5.0°C)** at Few places over Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad; at Isolated places over Himachal Pradesh and Saurashtra & Kutch. **above normal (1.6°C to 3.0°C)** at Many places over Nagaland, Manipur, Mizoram & Tripura; at Few places over Gujarat Region; at Isolated places over Sub Himalayan West Bengal & Sikkim, East Madhya Pradesh and Tamil Nadu, Puducherry & Karaikal. **near normal (-1.5°C to 1.5°C)** at Many places over West Rajasthan; at Few places over Andaman & Nicobar Islands and Odisha; at Isolated places over Gangetic West Bengal, Bihar, East Uttar Pradesh, East Rajasthan, West Madhya Pradesh, Coastal Andhra Pradesh & Yanam, South Interior Karnataka and Kerala & Mahe. **Today**, the **highest maximum temperature** of **45.4°C** is reported at **Phalodi (West Rajasthan)**.

Meteorological Analysis (Based on 1730 hours IST)

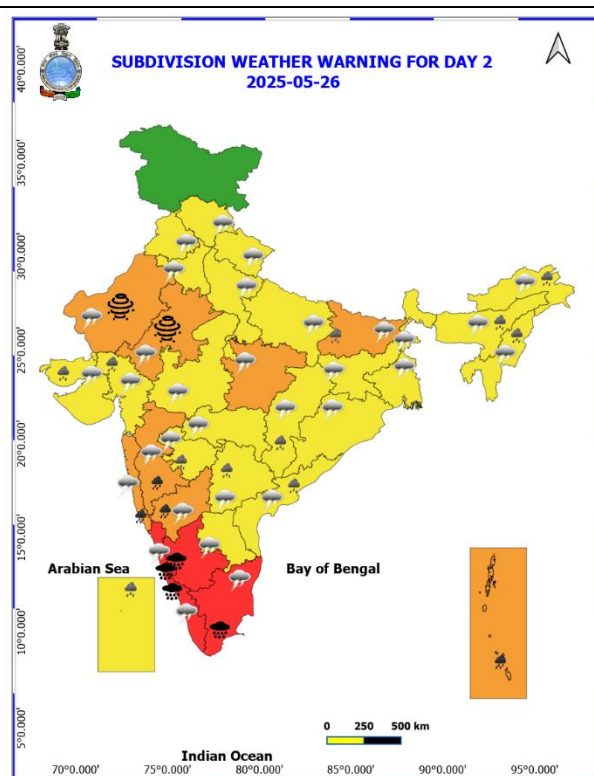
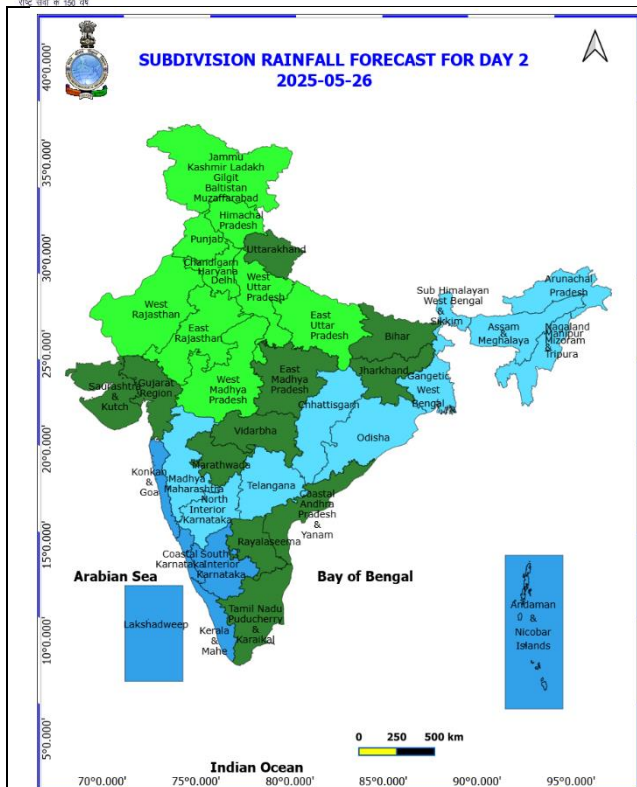
- ❖ The Northern Limit of Monsoon continue to pass through 15.5°N/55°E, 15.5°N/60°E, 16°N/65°E, 16.5°N/70°E, Devgad, Belagavi, Haveri, Mandya, Dharmapuri, Chennai, 15°N/83°E, 18°N/87°E, 20°N/89°E, Aizawl, Kohima, 26.5°N/95°E, 27°N/97°E.
- ❖ Conditions are favourable for further advance of Southwest Monsoon into some more parts of central Arabian Sea, some more parts of Maharashtra including Mumbai, Karnataka including Bengaluru, some parts of Andhra Pradesh, remaining parts of Tamil Nadu, some more parts of westcentral & North Bay of Bengal and some more parts of Northeastern states during next 3 days.
- ❖ The **well marked low pressure area** over south Madhya Maharashtra and adjoining areas of Marathwada & North Interior Karnataka now lay as a **low-pressure area** over Marathwada adjoining Madhya Maharashtra with the associated cyclonic circulation extending upto mid-tropospheric levels, at 1730 hours IST of today, the 25th May 2025.
- ❖ The upper air **trough** from eastcentral Arabian sea to north Odisha, across cyclonic circulation associated with above low pressure area over Marathwada adjoining Madhya Maharashtra, and South Chhattisgarh between 1.5 & 4.6 km above mean sea level titling southward with height persists.
- ❖ The **Western Disturbance persists** as an upper air cyclonic circulation over north Punjab and adjoining Jammu & Kashmir at 3.1 km above mean sea level with a trough aloft at middle & upper tropospheric westerlies with its axis at 5.8 km above mean sea levels roughly along Long. 75°E to the north of Lat. 26°N.
- ❖ The **upper air cyclonic circulation** over West Uttar Pradesh extending upto 1.5 km above mean sea level persists.
- ❖ The **upper air cyclonic circulation** over Southwest Rajasthan & neighbourhood extending upto 1.5 km above mean sea level persists.
- ❖ The **upper air cyclonic circulation** over north Gujarat region & neighbourhood between 1.5 km & 3.1km above mean sea level persists.
- ❖ A **low-pressure area** is likely to form over westcentral and adjoining North Bay of Bengal around 27th May.

Weather Forecast & Warnings for next 7 days (Upto 0830 hours IST of 01st June, 2025)



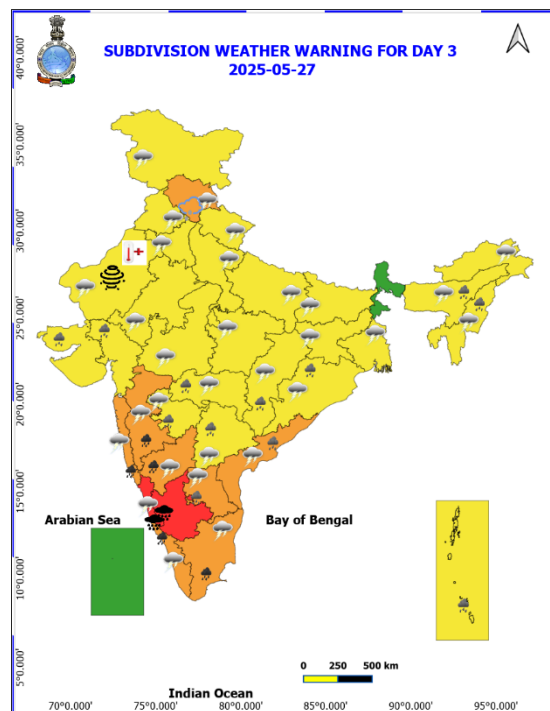
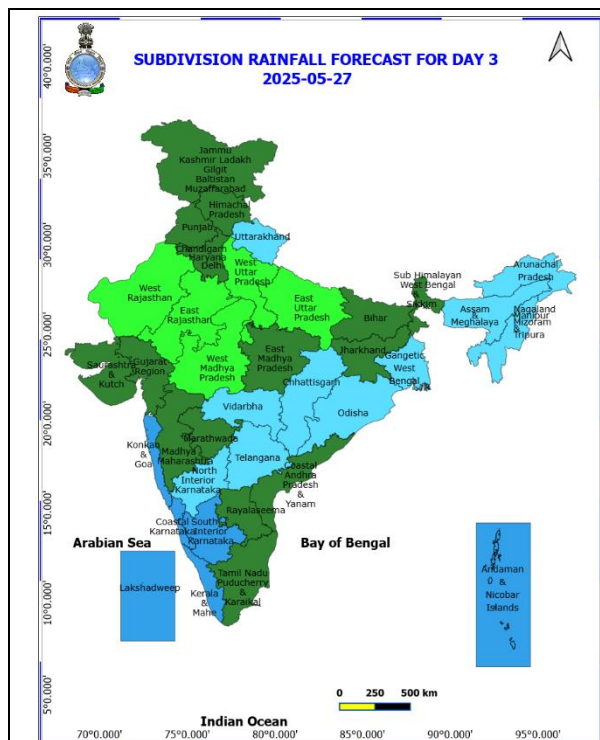
25th May (Day 1)

- ❖ **Heavy to Very Heavy Rainfall with isolated Extremely Heavy Rainfall** very likely at isolated places over Costal Karnataka, Kerala & Mahe, South Interior Karnataka and Tamil Nadu Puducherry & Karaikal.
- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Andaman & Nicobar Islands, Konkan & Goa and Madhya Maharashtra.
- ❖ **Heavy Rainfall** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Bihar, Chhattisgarh, Gujarat State, Jharkhand, Lakshadweep, Marathwada, Nagaland, Manipur, Mizoram and Tripura, North Interior Karnataka, Odisha, Telangana, Uttarakhand and Vidarbha.
- ❖ **Thundersquall with wind speed reaching(50-60kmph)** very likely at isolated places over Gujarat State, Madhya Pradesh, South Interior Karnataka and West Rajasthan.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Andhra Pradesh, Bihar, Costal Karnataka, East Rajasthan, Haryana, Chandigarh & Delhi, Himachal Pradesh, Interior Karnataka, Jharkhand, Kerala & Mahe, Konkan & Goa, Madhya Maharashtra, Marathwada, Odisha, Punjab, Tamil Nadu Puducherry & Karaikal, Uttar Pradesh and Uttarakhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Assam & Meghalaya, Chhattisgarh, Nagaland, Manipur, Mizoram and Tripura, Telangana, Vidarbha and West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Arunachal Pradesh.
- ❖ **Dust Storm** very likely at isolated places over Rajasthan.



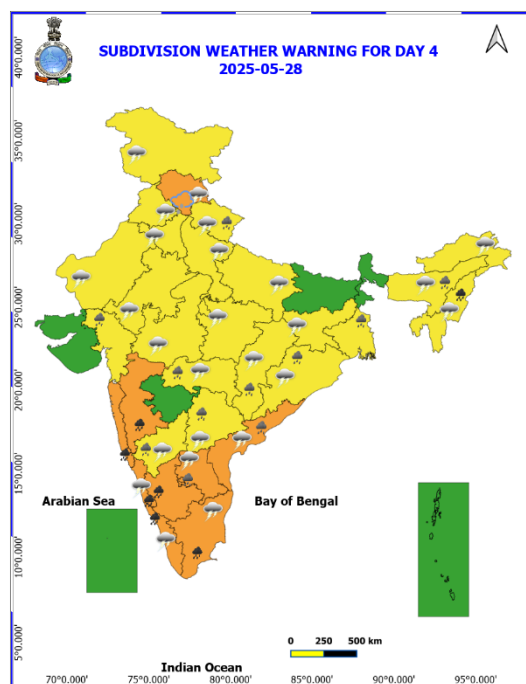
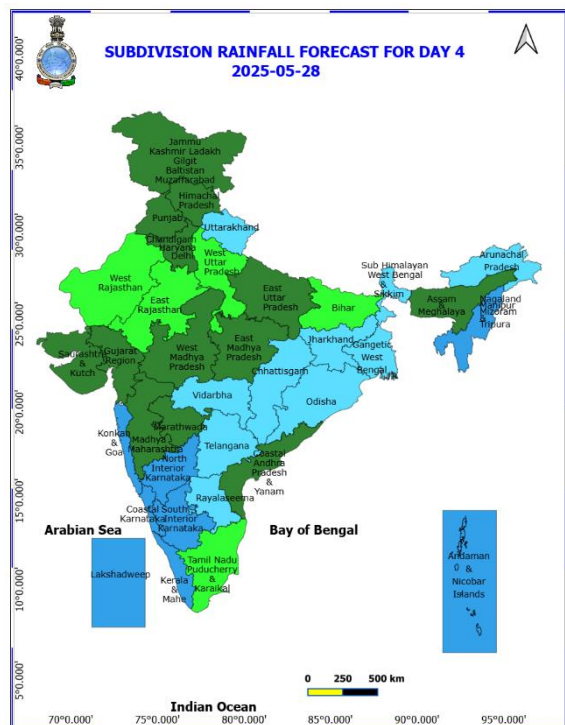
26th May (Day 2)

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



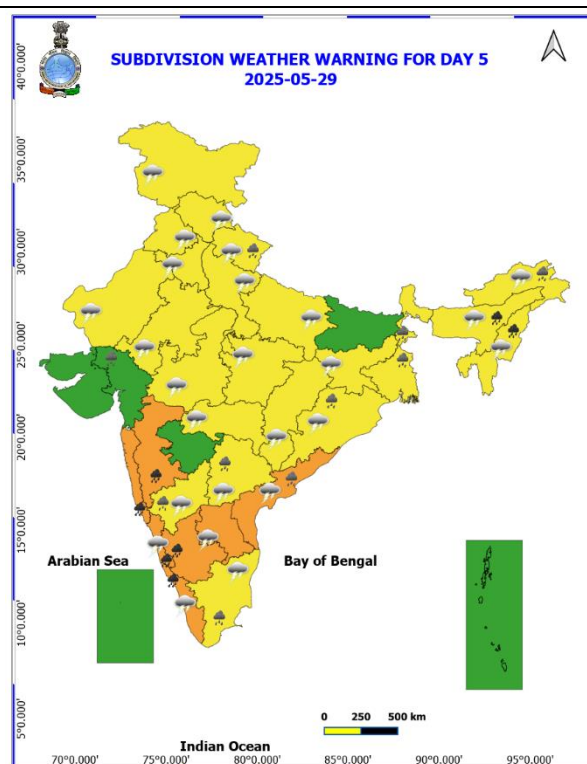
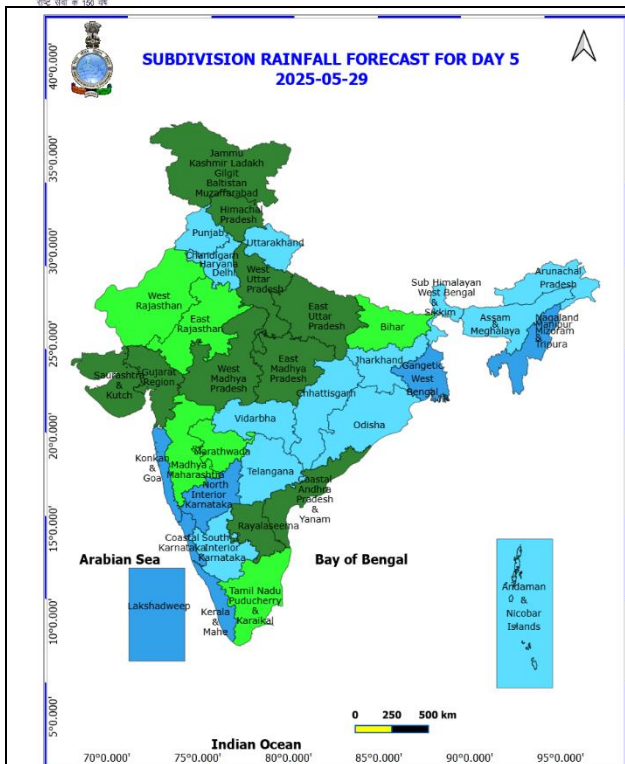
27th May (Day 3)

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



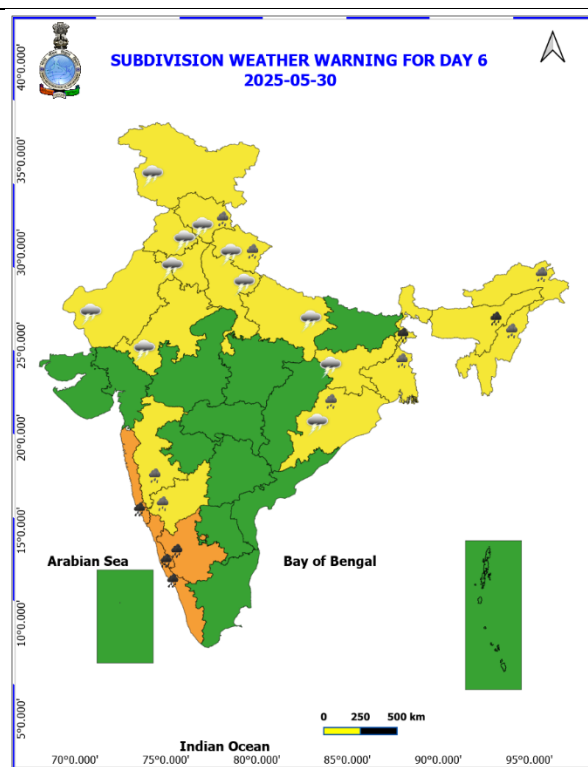
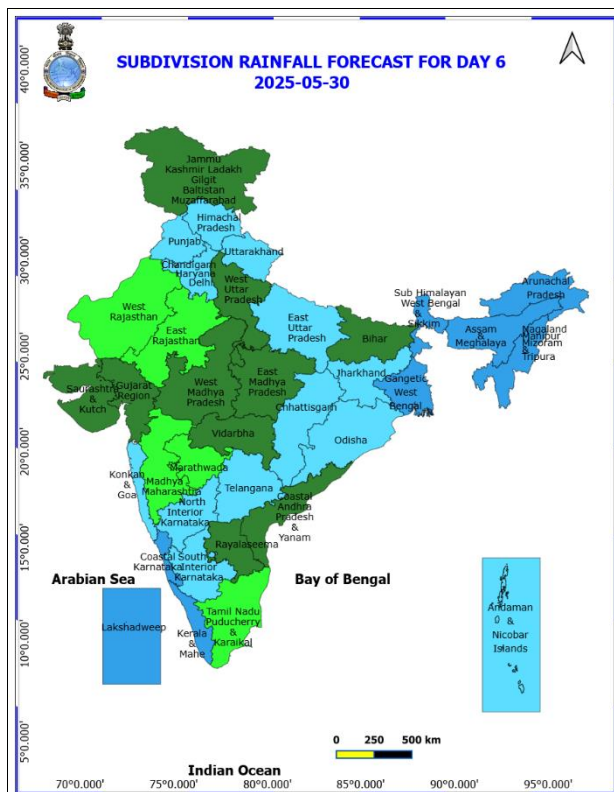
28th May (Day 4)

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



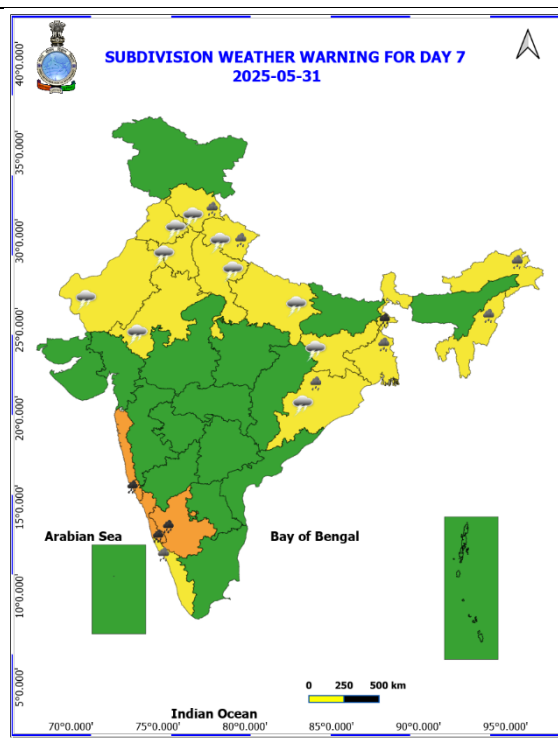
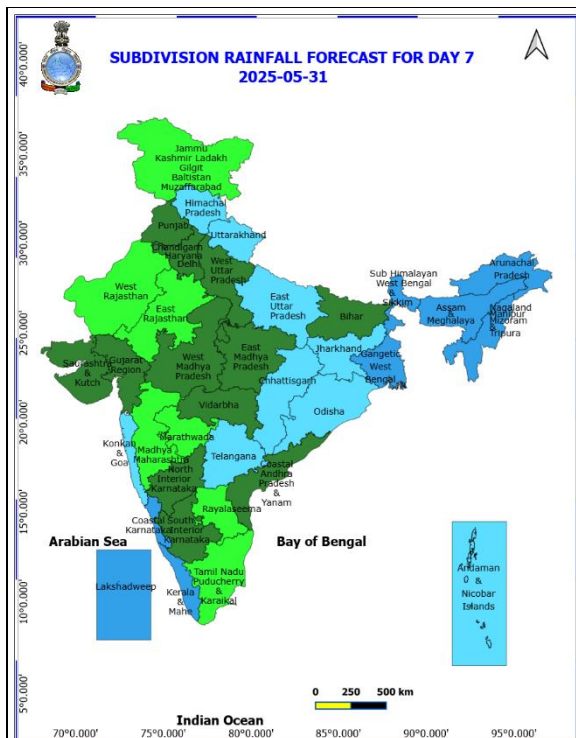
29th May (Day 5)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Assam & Meghalaya, Coastal Karnataka, Kerala & Mahe, Konkan & Goa, Madhya Maharashtra, Nagaland, Manipur, Mizoram and Tripura and South Interior Karnataka.
- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Coastal Andhra Pradesh, Gujarat Region, North Interior Karnataka, Odisha, Tamil Nadu Puducherry & Karaikal, Telangana, Uttarakhand and West Bengal & Sikkim.
- ❖ **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 Coastal Karnataka, Haryana, Chandigarh & Delhi, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, Kerala & Mahe, Madhya Pradesh, North Interior Karnataka, Odisha, Punjab, Rajasthan, Tamil Nadu Puducherry & Karaikal and Uttar Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Chhattisgarh, Nagaland, Manipur, Mizoram and Tripura, Telangana, Uttarakhand and Vidarbha.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Arunachal Pradesh and Assam & Meghalaya.



30th May (Day 6)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Assam & Meghalaya, Costal Karnataka, Kerala & Mahe, Konkan & Goa, South Interior Karnataka and Sub Himalayan West Bengal & Sikkim.
- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Gangetic West Bengal, Himachal Pradesh, Madhya Maharashtra, Nagaland, Manipur, Mizoram and Tripura, North Interior Karnataka, Odisha and Uttarakhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, Odisha, Rajasthan and Uttar Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Uttarakhand.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Haryana, Chandigarh & Delhi and Punjab.



31st May (Day 7)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Costal Karnataka, Konkan & Goa, South Interior Karnataka and Sub Himalayan West Bengal & Sikkim.
- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Gangetic West Bengal, Himachal Pradesh, Kerala & Mahe, Nagaland, Manipur, Mizoram and Tripura, Odisha and Uttarakhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Himachal Pradesh, Jharkhand, Odisha, Rajasthan and Uttar Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Uttarakhand.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Haryana, Chandigarh & Delhi and Punjab.

Weather Outlook for subsequent 3 days (During 01st June- 03rd June, 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

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

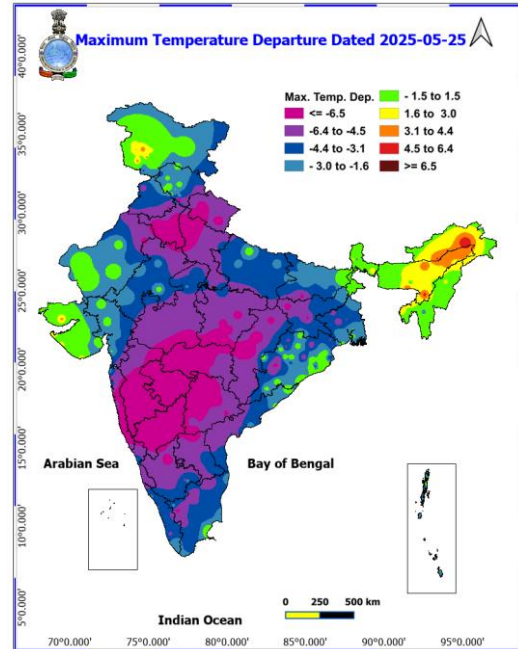
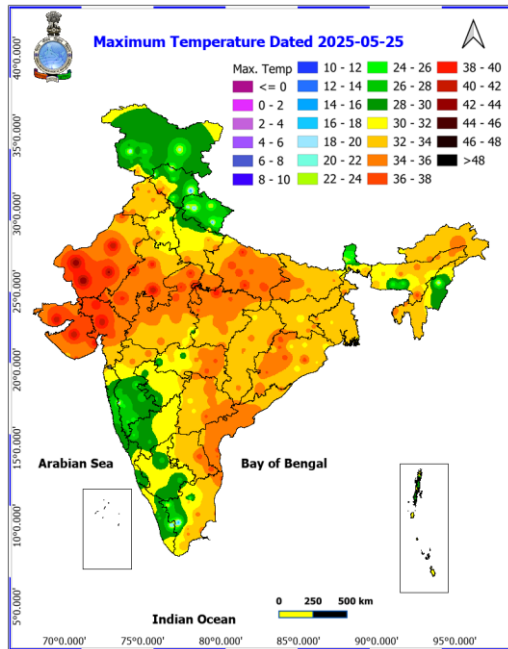


Fig. 3: Minimum Temperatures

Fig. 4: Departure of Minimum Temperatures

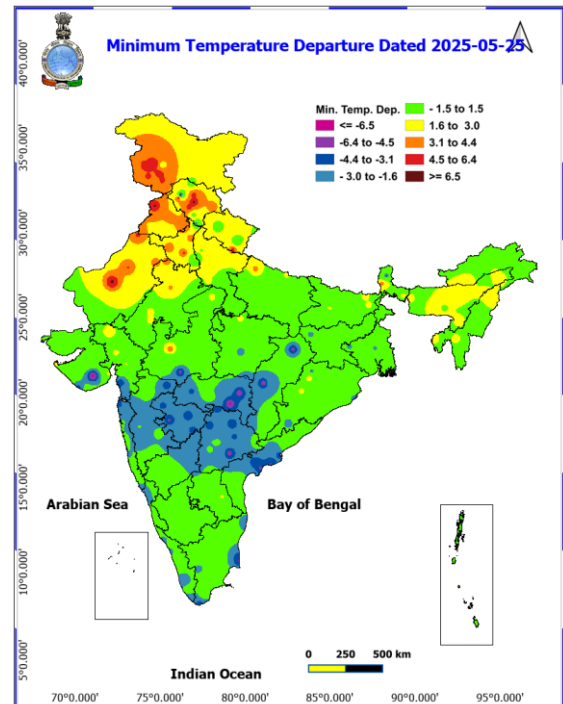
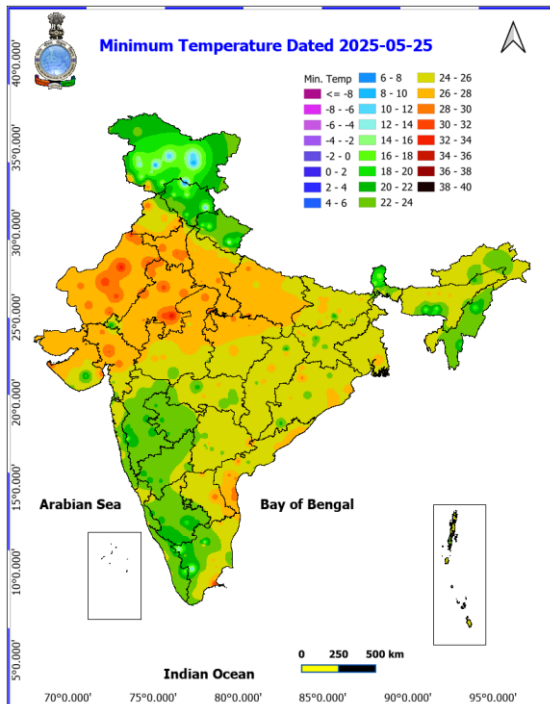


Fig. 5: Advance of Southwest Monsoon 2025

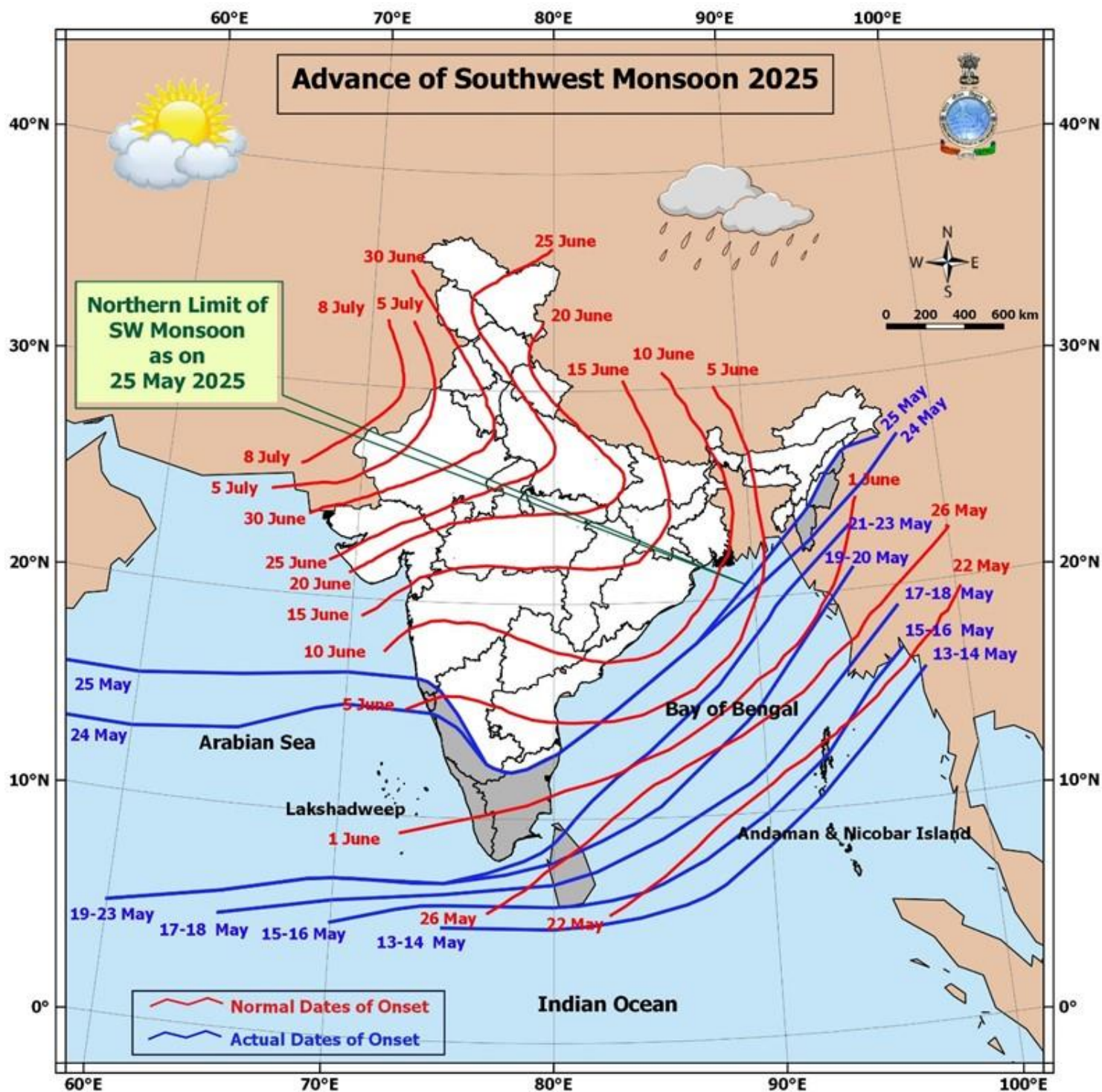
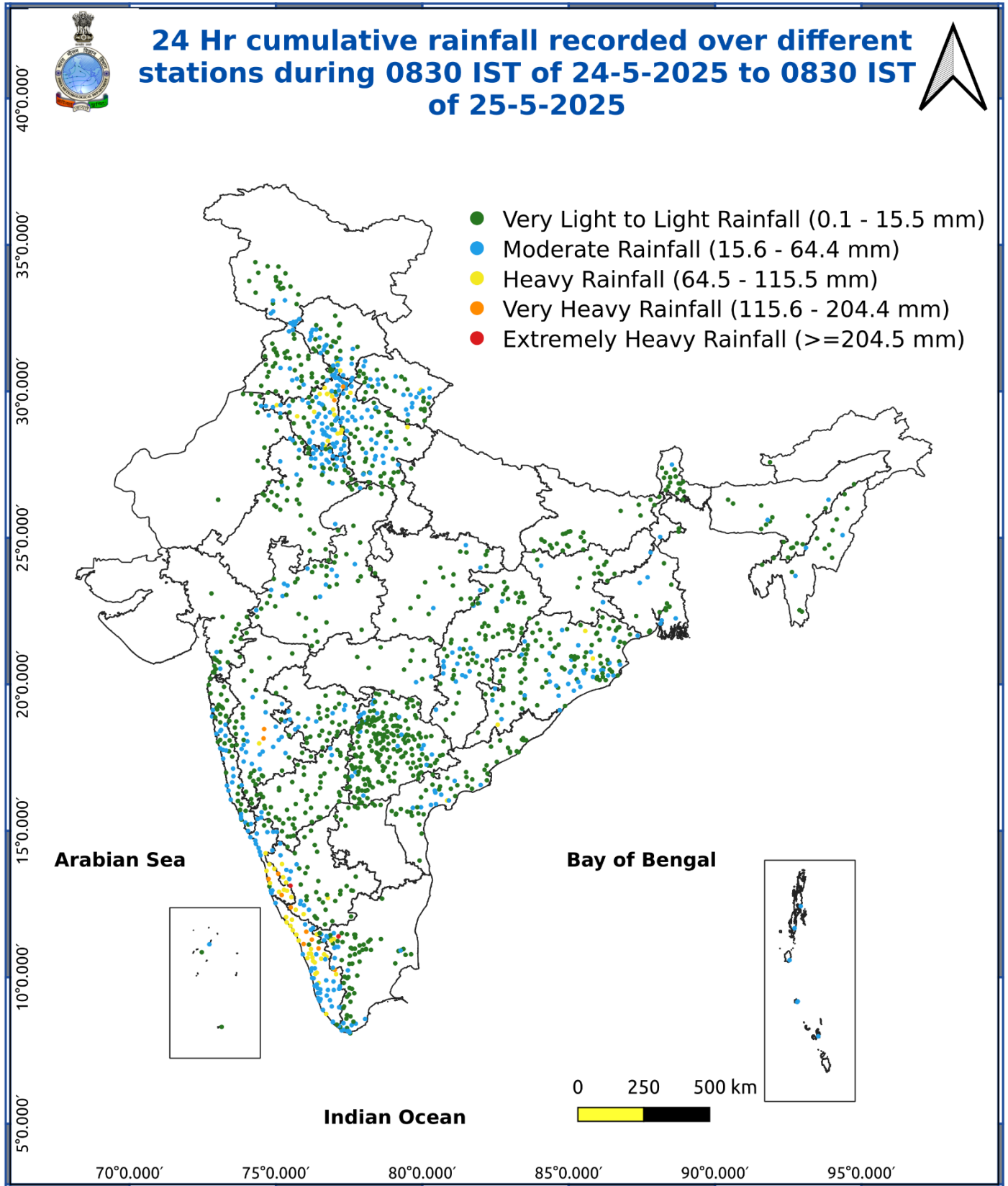


Fig. 6: Accumulated Rainfall (mm) during past 24 hours



Impact & Action Suggested due to Extremely and heavy to very heavy rainfall over (For Red & Orange colour warning areas of Peninsular India & Maharashtra)

- ❖ **Extremely heavy rainfall** at isolated places over Tamilnadu Puducherry & Karaikal, Kerala & Mahe on 25th & 26th; Coastal and South Interior Karnataka during 25th-27th May.
- ❖ **Heavy to very heavy rainfall** very likely Andaman & Nicobar Islands on 25th & 26th; Tamilnadu Puducherry & Karaikal on 27th & 28th; Kerala & Mahe during 27th-29th; Coastal and South Interior Karnataka during 28th-31st; Konkan & Goa, Madhya Maharashtra during 25th-30th; Assam & Meghalaya on 30th & 31st; Nagaland, Manipur, Mizoram & Tripura on 28th & 29th 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, West Madhya Pradesh, Gujarat State, South Interior Karnataka on 25th; Bihar on 26th; East Madhya Pradesh on 25th & 26th Himachal Pradesh on 27th & 28th; Coastal Andhra Pradesh & Yanam, Rayalaseema during 27th-29th May.
- ✓ **Isolated hailstorm** over Himachal Pradesh on 27th & 28th 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 to severe heat wave conditions in isolated pockets of West Rajasthan on 25th & 26th May. Heat wave conditions very likely in isolated pockets of East Rajasthan on 25th & 26th; West Rajasthan on 27th May.

* 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

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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 / Hailstorms / Gusty Winds / Heat Wave

- In North Eastern States, Andaman & Nicobar Islands, Odisha, Jharkhand, Bihar, Uttarakhand, Maharashtra, Gujarat region, Tamil Nadu, Kerala, Karnataka, Coastal Andhra Pradesh and Telangana, drain out excess water and ensure proper drainage in fields with standing crops and vegetables.
- 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 **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.

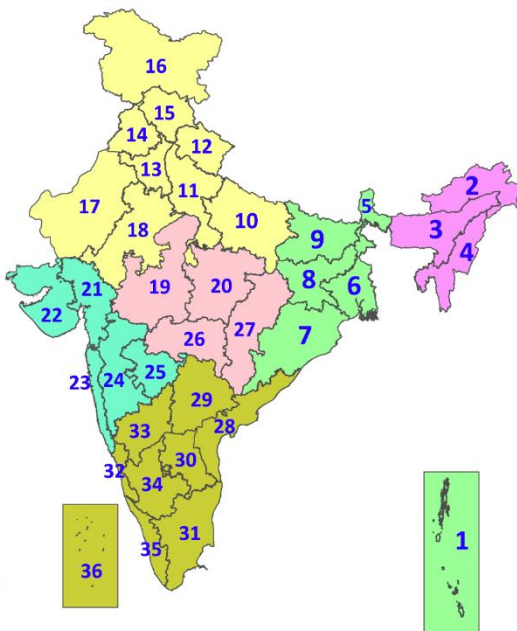
Livestock / Poultry / Fishery

- Keep the animals inside the shed during heavy rainfall 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)



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

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(Service to the Nation since 1875)

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)