

2026-05-27

Time of Issue: 08:01:00 hours IST
(Morning)

ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN

Significant Weather Features

Advance of Southwest Monsoon 2026 :

- Conditions are favourable for further advance of southwest monsoon into some more parts of southwest & southeast Arabian Sea, southwest, southeast & eastcentral Bay of Bengal and remaining parts of Andaman Sea during next 2-3 days.

Weather Forecast and Warnings:

Northeast India:

- **Fairly widespread to widespread** light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph)** likely over Nagaland, Manipur, Mizoram & Tripura on 27th May.
- **Isolated heavy rainfall** likely over Arunachal Pradesh on 27th May & 01st June; Assam & Meghalaya on 27th-28th May & on 31st May, 01st June; Nagaland, Manipur, Mizoram & Tripura on 27th, 31st May & 01st June.

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 on 27th-28th May.
- **Isolated to scattered** light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph)** likely over Tamil Nadu, Puducherry & Karaikal, Interior Karnataka, Coastal Andhra Pradesh & Yanam, Telangana and Rayalaseema during 27th-30th May.
- **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over North Interior Karnataka on 27th-28th; Coastal Andhra Pradesh & Yanam on 27th May.
- **Isolated Heavy rainfall** also likely over North Interior Karnataka on 27th May and South Interior Karnataka on 27th May.
- **Isolated Hailstorm activity** likely over North Interior Karnataka on 27th May.

East India:

- **Fairly widespread to widespread** light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph)** likely over Sub-Himalayan West Bengal & Sikkim on 27th May; Gangetic West Bengal during 27th-30th May and Andaman & Nicobar Islands during 28th May-01st June.
- **Isolated to scattered** light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph)** likely over Bihar & Odisha during 27th-30th May; Jharkhand during next 7 days.
- **Thundersquall (wind speed reaching 60-70 kmph gusting to 80 kmph)** likely over Bihar on 29th May.
- **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Bihar on 27th May; Gangetic West Bengal during 27th-29th May; Jharkhand during 27th-29th May; Odisha on 29th & 30th May.
- **Isolated heavy rainfall** likely over Andaman & Nicobar Islands during 27th-31st May; Sub-Himalayan West Bengal & Sikkim on 27th May; Bihar on 27th & 29th 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 and Uttarakhand during 28th-30th May; Himachal Pradesh on 28th & 29th May.
- **Scattered to fairly widespread** light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph)** likely over Punjab, Haryana, Chandigarh & Delhi, West Uttar Pradesh during 28th-31st and East Uttar Pradesh during 28th-31st May.
- **Thundersquall (wind speed reaching 60-70 kmph gusting to 80 kmph)** likely over Punjab, Haryana Chandigarh & Delhi, West Uttar Pradesh on 28th & 29th; East Uttar Pradesh on 29th May.

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- **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Jammu-Kashmir, Uttarakhand and Rajasthan on 28th & 29th; East Uttar Pradesh on 28th & 30th May.
- **Isolated Hailstorm activity** likely over Jammu-Kashmir, Himachal Pradesh, Uttarakhand, Punjab, Haryana Chandigarh & Delhi, West Uttar Pradesh on 28th & 29th May and East Uttar Pradesh on 29th May.
- **Duststorm** very likely at isolated places over Uttar Pradesh and Rajasthan on 28th & 29th May.

Central India:

- **Isolated** light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph)** likely over West Madhya Pradesh during 28th-30th May; East Madhya Pradesh during 28th-30th May; Vidarbha during 28th-30th and Chhattisgarh during 27th-30th 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 during 27th-29th May; Marathwada on 27th-28th May; Gujarat Region during 30th May-01st June; Saurashtra & Kutch on 01st June.

Forecast of maximum/day temperatures:

- No significant change in maximum temperatures likely over Northwest India till 27th May; gradual fall by 6-8°C on 28th & 29th May and gradual rise by 2-4°C during 30th May-01st June.
- No significant change in maximum temperatures likely over Central India till 28th May and gradual fall by 3-5°C during 29th May-01st June.
- No significant change in maximum temperatures likely over East India till 27th May and gradual fall by 2-4°C during 28th May-01st June.
- Gradual rise in maximum temperatures likely over Northeast India by 4-6°C on 27th & 28th May and no significant change during 29th May-01st June.
- No significant change in maximum temperatures likely over Gujrat State and Telangana till 28th May and gradual fall by 2-3°C during 29th May-01st June.
- No significant change in maximum temperatures likely over the rest parts of country till 01st June 2026.

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

- **Heat wave conditions** very likely in isolated/some pockets over Punjab, Haryana, Chandigarh & Delhi, East Uttar Pradesh on 27th-28th May with **severe heat wave conditions** in some pockets over Punjab on 27th; Haryana, Chandigarh & Delhi and Uttar Pradesh on 27th May.
- **Heat wave to severe heat wave conditions** very likely in many/isolated pockets over West Rajasthan on 27th-28th May.
- **Heat wave conditions** very likely in isolated pockets over Madhya Pradesh during 27th-29th May with **severe heat wave conditions** in isolated pockets over West Madhya Pradesh on 27th and East Madhya Pradesh on 27th-28th May.
- **Heat wave conditions** very likely in isolated pockets over Vidarbha during 27th-29th May with **severe heat wave conditions** in many pockets during 27th-28th May.
- **Heat wave conditions** very likely in isolated pockets over Jammu-Kashmir, Uttarakhand, Jharkhand on 27th; Himachal Pradesh, Chhattisgarh, Odisha, Coastal Andhra Pradesh & Yanam and Telangana on 27th-28th May.
- **Hot and humid weather conditions** likely to prevail over Gangetic West Bengal, Konkan on 27th; coastal areas of Saurashtra & Kutch on 27th-28th May; Tamil Nadu on 27th-29th; Odisha during 27th-30th; Coastal Andhra Pradesh on 29th & 30th May.
- **Warm Night conditions** very likely to prevail in isolated pockets over Punjab, Haryana, Chandigarh & Delhi, Uttar Pradesh, Madhya Pradesh, Vidarbha & Telangana on 27th May.

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Main Weather Observations:

❖ **Rainfall distribution** (from 0830 hours IST of yesterday to 0530 hours IST of today): **at most places** over Coastal Andhra Pradesh & Yanam, Andaman & Nicobar Islands, Sub-himalayan West Bengal & Sikkim, Rayalaseema, Kerala & Mahe, Nagaland, Manipur, Mizoram & Tripura, Coastal Karnataka and Telangana; **at many places** over Arunachal Pradesh, Assam & Meghalaya, North Interior Karnataka, Bihar, Gangetic West Bengal, South Interior Karnataka, Lakshadweep, Odisha, Vidarbha, Chhattisgarh and Tamilnadu Puducherry & Karaikal; **Dry** over rest of the country.

❖ **Significant rainfall recorded(in cm)** (from 0830 hours IST of yesterday to 0530 hours IST of today): **Coastal Andhra Pradesh & Yanam:** Narsapur (dist Medak) 7, Tuni (dist Kakinada), Machilipatnam (dist Krishna) 1 Each; **Bihar:** Bhagalpur (dist Bhagalpur) 5, Purnea (dist Purnia) 1; Sub-himalayan West Bengal & Sikkim: Malda (dist Malda) 3; **Rayalaseema:** Anantapur (dist Anantapuramu) 3, Tirupathi (dist Tirupati) 1; **Kerala & Mahe:** Kozhikode (calicut) (dist Kozhikode) 2; **Nagaland, Manipur, Mizoram & Tripura:** Kailashahar AP (dist Unakoti) 2, Agartala AP (dist West Tripura) 1; **South Interior Karnataka:** Bengaluru (dist Bengaluru Urban) 2; **Lakshadweep:** Minicoy (dist Lakshadweep) 1; **Gangetic West Bengal:** Digha (dist North 24 Parganas) 1; **Odisha:** Balasore (dist Balasore) 1.

❖ **Heavy Rainfall observed** (from 0830 hours IST of yesterday to 0530 hours IST of today): **Heavy rain** at isolated places over Coastal Andhra Pradesh & Yanam

❖ **Heat wave conditions** prevailed at a few places over East Madhya Pradesh; at isolated places over Vidarbha, West Madhya Pradesh, Haryana.

❖ **Minimum Temperature Departures (as on 26-05-2026):** **markedly above normal(> 5.1°C)** at few places over West Madhya Pradesh and East Madhya Pradesh; at isolated places over Assam & Meghalaya, Odisha, Bihar, East Uttar Pradesh, West Uttar Pradesh, Haryana-Chandigarh-Delhi, Himachal Pradesh, Gujarat Region, Saurashtra & Kutch and Coastal Andhra Pradesh & Yanam. **appreciably above normal(3.1°C to 5.0°C)** at few places over West Rajasthan, East Rajasthan, Vidarbha, Chhattisgarh, Coastal Andhra Pradesh & Yanam and Rayalaseema; at isolated places over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Gangetic West Bengal, Odisha, East Uttar Pradesh, West Uttar Pradesh, Haryana-Chandigarh-Delhi, East Madhya Pradesh, Konkan & Goa, Madhya Maharashtra and Tamil Nadu, Puducherry & Karaikal. **above normal(1.6°C to 3.0°C)** at many places over Uttarakhand, Chhattisgarh, Coastal Andhra Pradesh & Yanam and Rayalaseema; at few places over Gangetic West Bengal, Odisha, East Uttar Pradesh, West Uttar Pradesh, East Rajasthan, West Madhya Pradesh, East Madhya Pradesh, Vidarbha, Telangana, Tamil Nadu, Puducherry & Karaikal, North Interior Karnataka, South Interior Karnataka and Lakshadweep; at isolated places over Assam & Meghalaya, Jharkhand, Punjab, Himachal Pradesh, West Rajasthan, Gujarat Region, Saurashtra & Kutch and Madhya Maharashtra. **near normal(-1.5°C to 1.5°C)** at many places over Assam & Meghalaya, Sub Himalayan West Bengal & Sikkim, Punjab, Himachal Pradesh, West Rajasthan, Gujarat Region, Saurashtra & Kutch, Madhya Maharashtra, Tamil Nadu, Puducherry & Karaikal, North Interior Karnataka and South Interior Karnataka; at most places over Andaman & Nicobar Islands, Arunachal Pradesh, Jharkhand, Konkan & Goa, Marathwada, Coastal Karnataka and Kerala & Mahe; at few places over Gangetic West Bengal, Bihar, East Uttar Pradesh, Haryana-Chandigarh-Delhi, Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad, East Rajasthan, Telangana and Lakshadweep; at isolated places over Nagaland, Manipur, Mizoram & Tripura, Odisha, West Uttar Pradesh, Uttarakhand, West Madhya Pradesh, Vidarbha, Chhattisgarh and Coastal Andhra Pradesh & Yanam. **The lowest minimum temperature** of 17.0°C was reported at HALFLONG (ASSAM) over the Plains of India.

❖ **Maximum Temperature Departures (as on 26-05-2026):** **markedly above normal(> 5.1°C)** at few places over East Madhya Pradesh and Coastal Andhra Pradesh & Yanam; at isolated places over East Uttar Pradesh, West Uttar Pradesh, Himachal Pradesh, West Madhya Pradesh and Tamil Nadu, Puducherry & Karaikal. **appreciably above normal(3.1°C to 5.0°C)** at few places over West Rajasthan; at isolated places over Andaman & Nicobar Islands, Gangetic West Bengal, Odisha, Bihar, Haryana-Chandigarh-Delhi, East Rajasthan, Gujarat Region, Konkan & Goa, Vidarbha and Chhattisgarh. **above normal(1.6°C to 3.0°C)** at many places over Jharkhand, Uttarakhand and Punjab; at few places over Madhya Maharashtra, Telangana, Rayalaseema and Coastal Karnataka; at isolated places over Assam & Meghalaya, Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad, Saurashtra & Kutch, South Interior Karnataka and Kerala & Mahe. **near normal(-1.5°C to 1.5°C)** at many places over Sub Himalayan West Bengal & Sikkim and Lakshadweep; at most places over Marathwada and North Interior Karnataka; at few places over Arunachal Pradesh; at isolated places over Nagaland, Manipur, Mizoram & Tripura. **The highest maximum temperature** of 47.4°C was reported at BANDA (UTTAR PRADESH).

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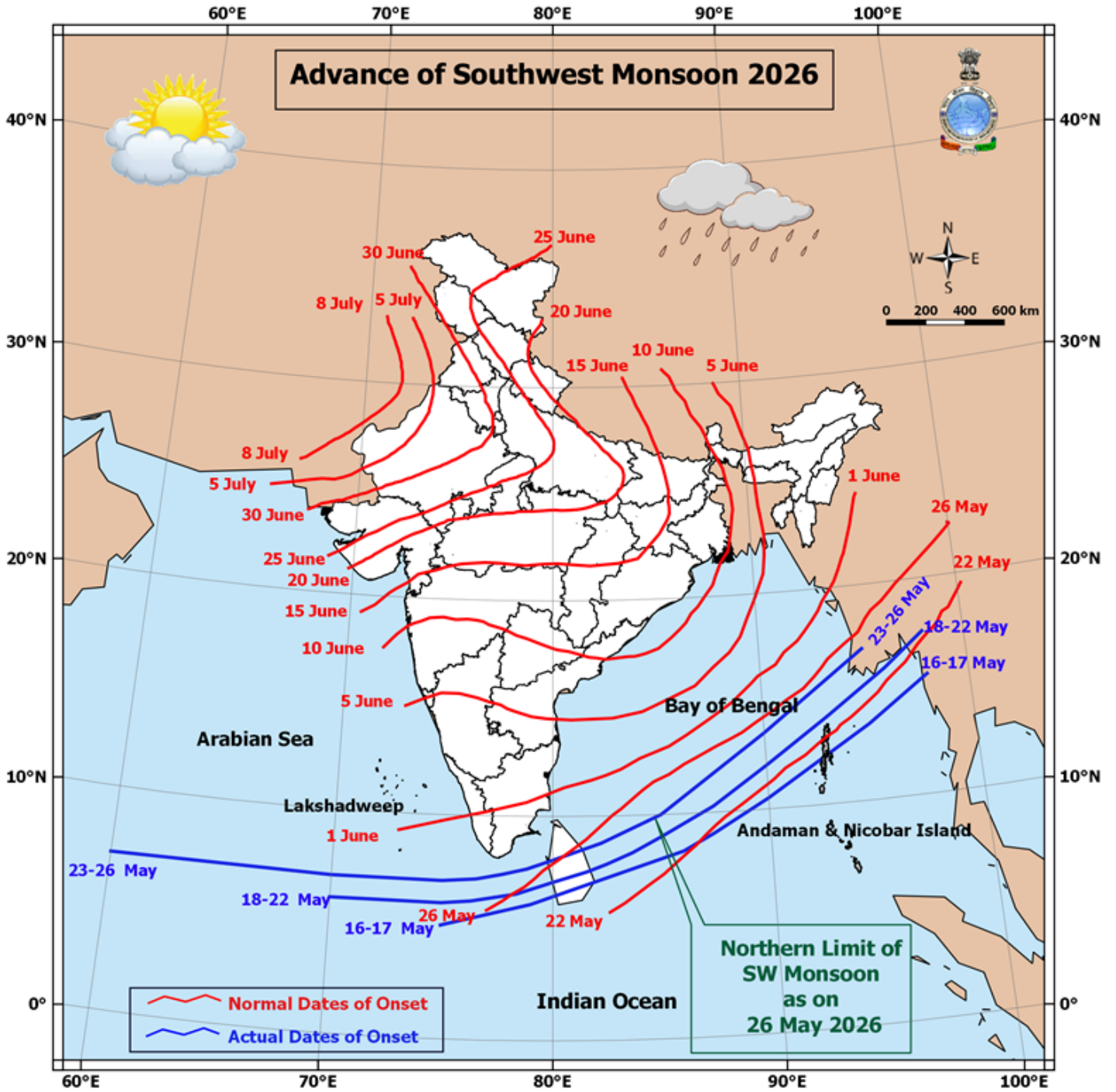
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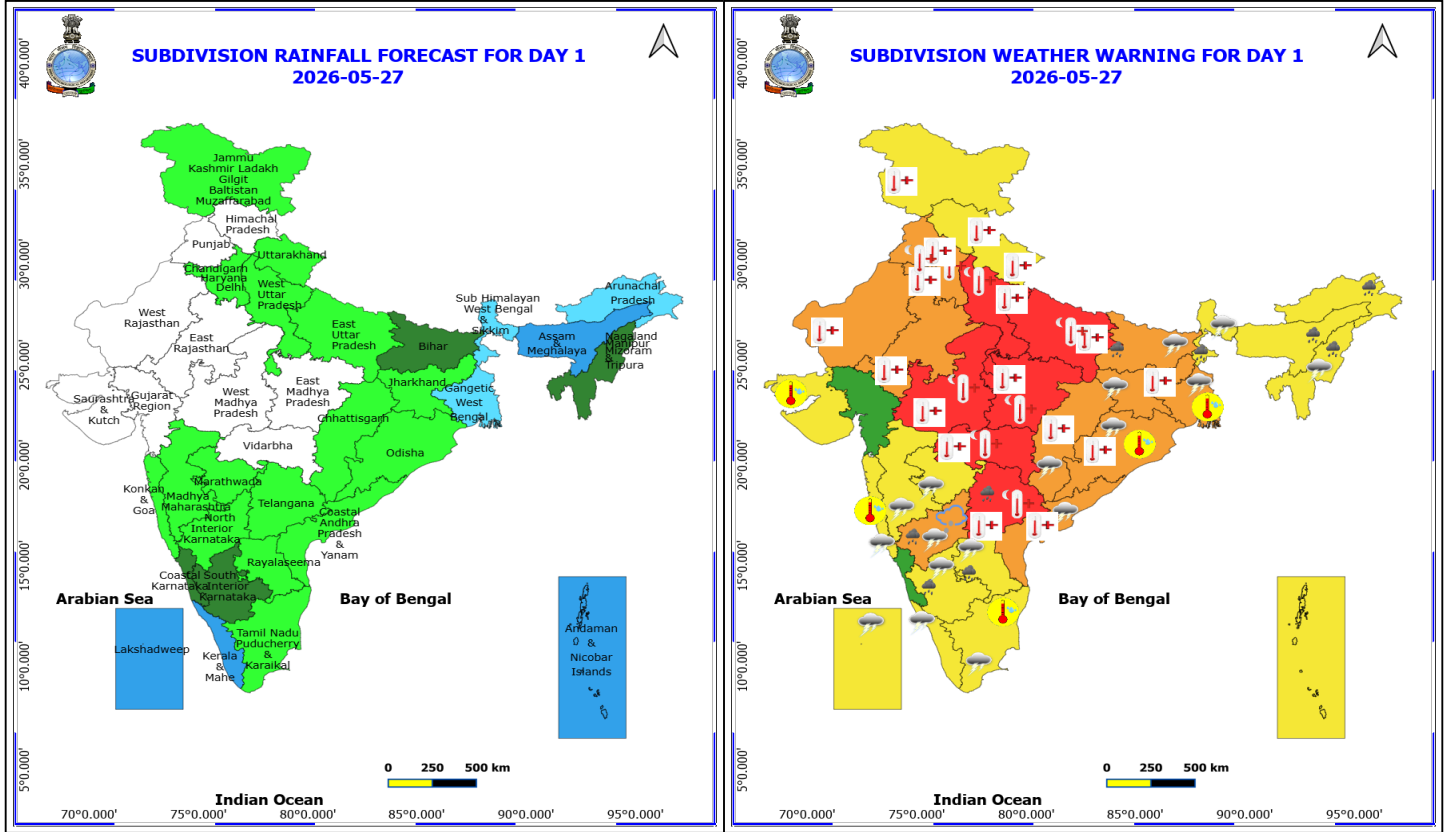


Meteorological Analysis (Based on 0530 hours IST)

- **Conditions are favourable** for further advance of southwest monsoon into some more parts of southwest & southeast Arabian Sea, southwest, southeast & eastcentral Bay of Bengal and remaining parts of Andaman Sea during next 2-3 days.
- An **upper air cyclonic circulation** lies over central parts of Uttar Pradesh & neighbourhood at 0.9 km above mean sea level.
- An **upper air cyclonic circulation** lies over north Chhattisgarh & adjoining interior Odisha at 0.9 km above mean sea level.
- A **trough** runs from northwest Uttar Pradesh to south coastal Odisha across **cyclonic circulation** over central parts of Uttar Pradesh & neighbourhood, northeast Madhya Pradesh and **cyclonic circulation** over north Chhattisgarh & adjoining interior Odisha at 0.9 km above mean sea level.
- The north-south **trough** from south Bihar to north coastal Andhra Pradesh across Jharkhand and interior Odisha persists and now seen at 1.5 km above mean sea level.
- An **upper air cyclonic circulation** lies over north Tamil Nadu coast and neighbourhood at 5.8 km above mean sea level.
- The **trough** in westerlies with its axis at 5.8 km above mean sea level runs roughly along Long. 85°E to the north of Lat. 24°N persists.
- The **upper air cyclonic circulation** over central Assam & neighbourhood persists and now seen at 0.9 km above mean sea level.
- The upper air cyclonic circulation over Southeast Arabian Sea & neighbourhood between 3.1 & 7.6 km above mean sea level.
- The **upper air cyclonic circulation** over Westcentral Bay of Bengal & neighbourhood between 3.1 & 7.6 km above mean sea level persists.
- A fresh **Western Disturbance** likely to affect Northwest India from 28th May, 2026.
- The upper **air cyclonic circulation** over south Bihar & neighbourhood extending upto 1.5 km above mean sea level has become less marked.
- The **trough** from Punjab to northeast Arabian Sea across Pakistan at 1.5 km above mean sea level has become less marked.



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27 May (Day 1)

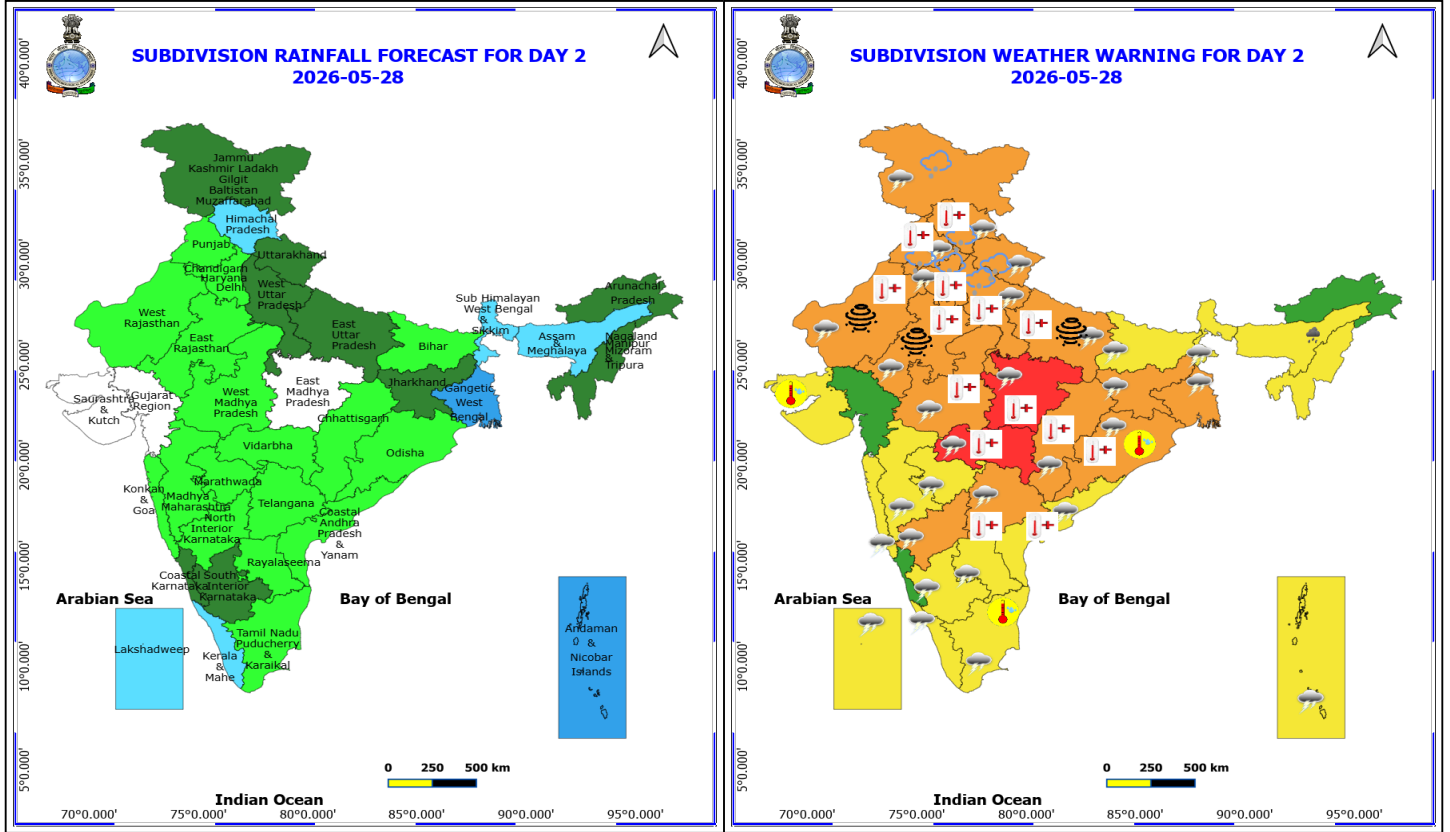
- ❖ **Heavy Rainfall** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Bihar, Interior Karnataka, Nagaland, Manipur, Mizoram and Tripura, Rayalaseema, Sub Himalayan West Bengal & Sikkim and Telangana.
- ❖ **Thunderstorm accompanied with Hailstorm** very likely at isolated places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

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- ❖ **Hot and Humid weather** very likely at isolated places over Gangetic West Bengal, Konkan & Goa, Odisha, Saurashtra & Kutch and Tamil Nadu Puducherry & Karaikal.
- ❖ **Warm Night conditions** very likely at isolated places over Haryana, Chandigarh & Delhi, Madhya Pradesh, Punjab, Telangana, Uttar Pradesh and Vidarbha.

- ❖ **Arabian Sea: Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail along and off Somalia coast, adjoining parts of southwest Arabian Sea.
- ❖ **Squally Weather with wind speed 40-50 kmph gusting to 60 kmph** is likely to prevail over Comorin area.
- ❖ **Bay of Bengal: Squally Weather with wind speed 40-50 kmph gusting to 60 kmph** is likely to prevail over Gulf of Mannar, along and off Sri Lanka coasts, many parts of south & adjoining westcentral Bay of Bengal.



28 May (Day 2)

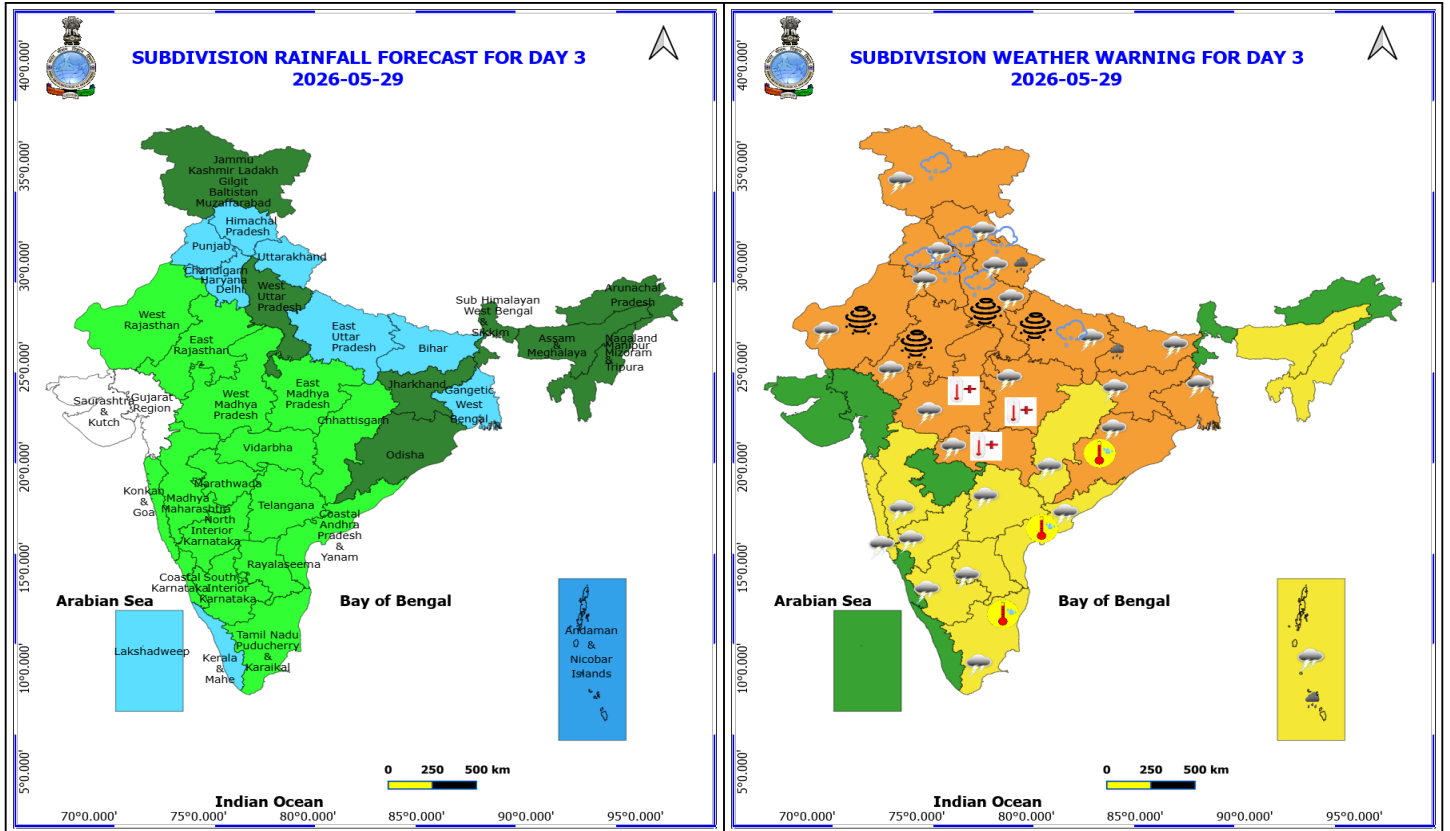
- ❖ **Heavy Rainfall** very likely at isolated places over Assam & Meghalaya.
- ❖ **Thunderstorm accompanied with Hailstorm** very likely at isolated places over Haryana, Chandigarh & Delhi, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Punjab, Uttarakhand and West Uttar Pradesh.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

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- ❖ **Heat Wave to Severe Heat Wave conditions** very likely at isolated places over East Madhya Pradesh, Vidarbha and West Rajasthan.
- ❖ **Hot and Humid weather** very likely at isolated places over Odisha, Saurashtra & Kutch and Tamil Nadu Puducherry & Karaikal.

- ❖ **Arabian Sea: Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail along and off Somalia coast, adjoining parts of southwest Arabian Sea.
- ❖ **Squally Weather with wind speed 40-50 kmph gusting to 60 kmph** is likely to prevail over Comorin area.
- ❖ **Bay of Bengal: Squally Weather with wind speed 40-50 kmph gusting to 60 kmph** is likely to prevail over Gulf of Mannar, along and off Sri Lanka coasts, many parts of south & adjoining central Bay of Bengal, northwest Bay of Bengal, along & off Odisha & West Bengal coasts, south & adjoining north Andaman Sea.



29 May (Day 3)

- ❖ **Heavy Rainfall** very likely at isolated places over Andaman & Nicobar Islands, Bihar and Uttarakhand.
- ❖ **Thunderstorm accompanied with Hailstorm** very likely at isolated places over Haryana, Chandigarh & Delhi, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Punjab, Uttar Pradesh and Uttarakhand.
- ❖ **Thundersquall with wind speed reaching(60-70kmph) gusting to 80 kmph** very likely at isolated places over Bihar, Haryana, Chandigarh & Delhi, Punjab and Uttar Pradesh.
- ❖ **Thundersquall with wind speed reaching(50-60kmph)** very likely at isolated places over Gangetic West Bengal, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, Odisha, Rajasthan and Uttarakhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Andaman & Nicobar Islands, Andhra Pradesh, Chhattisgarh, Himachal Pradesh, Interior Karnataka, Konkan & Goa, Madhya Maharashtra, Madhya Pradesh, Tamil Nadu Puducherry & Karaikal, Telangana and Vidarbha.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Assam & Meghalaya, Coastal Karnataka, Kerala & Mahe, Lakshadweep and Nagaland, Manipur, Mizoram and Tripura.
- ❖ **Dust Storm** very likely at isolated places over Rajasthan and Uttar Pradesh.
- ❖ **Heat Wave conditions** very likely at isolated places over Madhya Pradesh and Vidarbha.
- ❖ **Hot and Humid weather** very likely at isolated places over Coastal Andhra Pradesh, Odisha and Tamil Nadu Puducherry & Karaikal.
- ❖ **Arabian Sea: Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail along and off

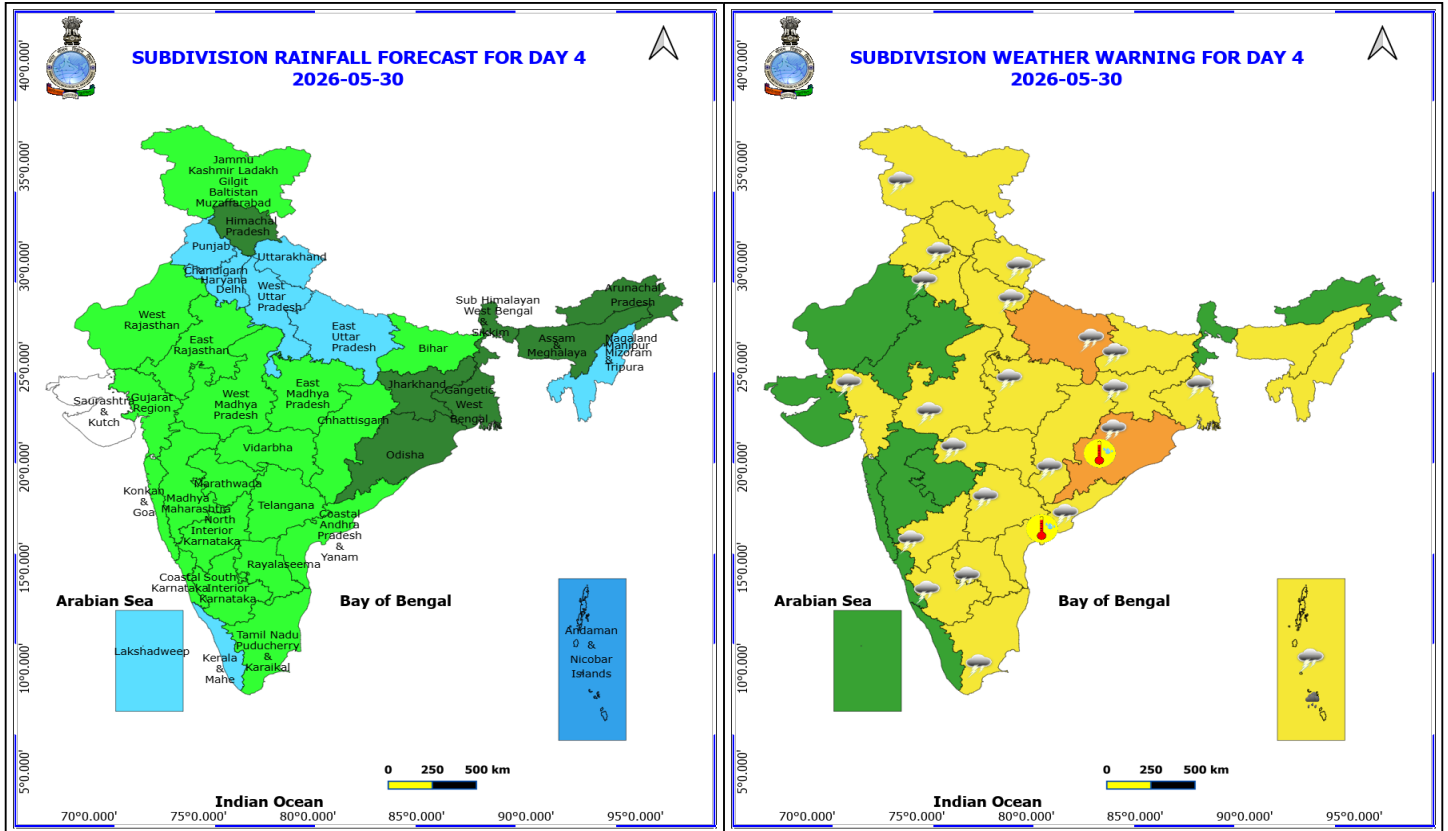
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Somalia coast, adjoining parts of southwest Arabian Sea.

- ❖ **Squally Weather with wind speed 40-50 kmph gusting to 60 kmph** is likely to prevail over Comorin area, along & off north Gujarat coast and adjoining northeast Arabian Sea.
- ❖ **Bay of Bengal: Squally Weather with wind speed 40-50 kmph gusting to 60 kmph** is likely to prevail over Gulf of Mannar, along and off Sri Lanka coasts, many parts of south & adjoining central Bay of Bengal, northwest Bay of Bengal, along & off Odisha & West Bengal coasts, south & adjoining north Andaman Sea.



30 May (Day 4)

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

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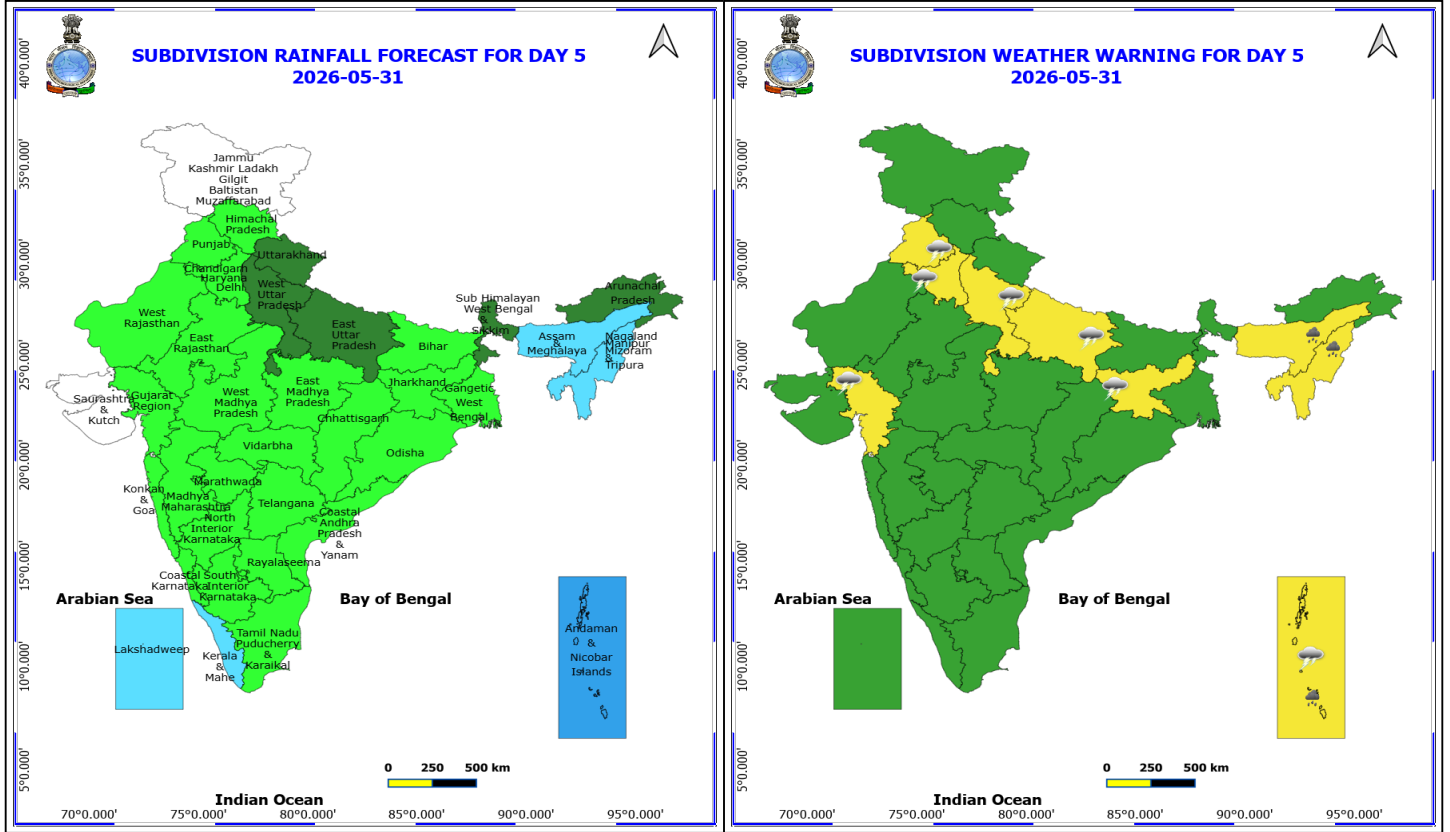
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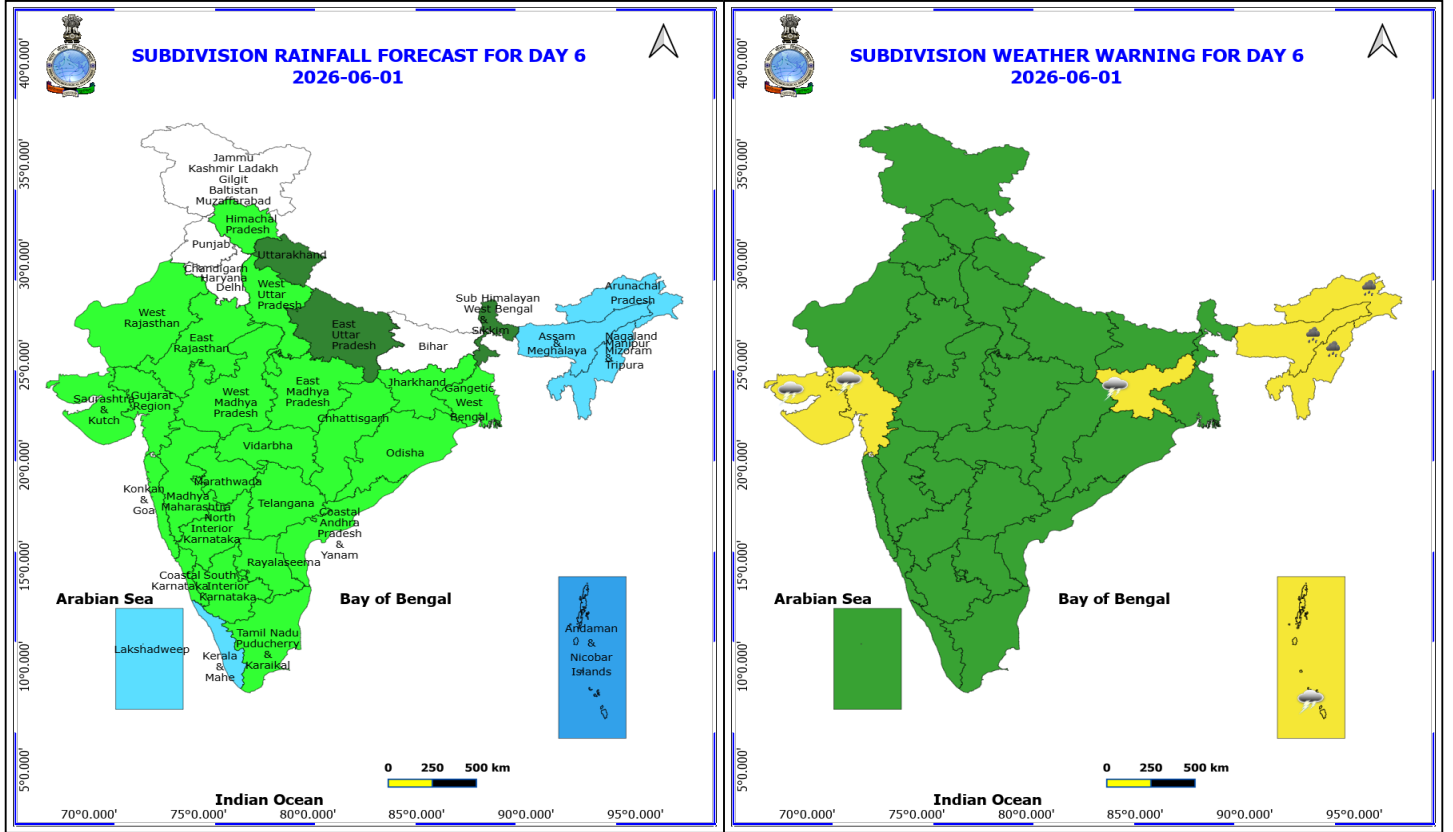
north Andaman Sea.



31 May (Day 5)

- ❖ **Heavy Rainfall** likely at isolated places over Andaman & Nicobar Islands, Assam & Meghalaya and Nagaland, Manipur, Mizoram and Tripura.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands, Gujarat Region, Haryana, Chandigarh & Delhi, Jharkhand, Punjab and Uttar Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Bihar, East Rajasthan and Odisha.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over West Rajasthan.

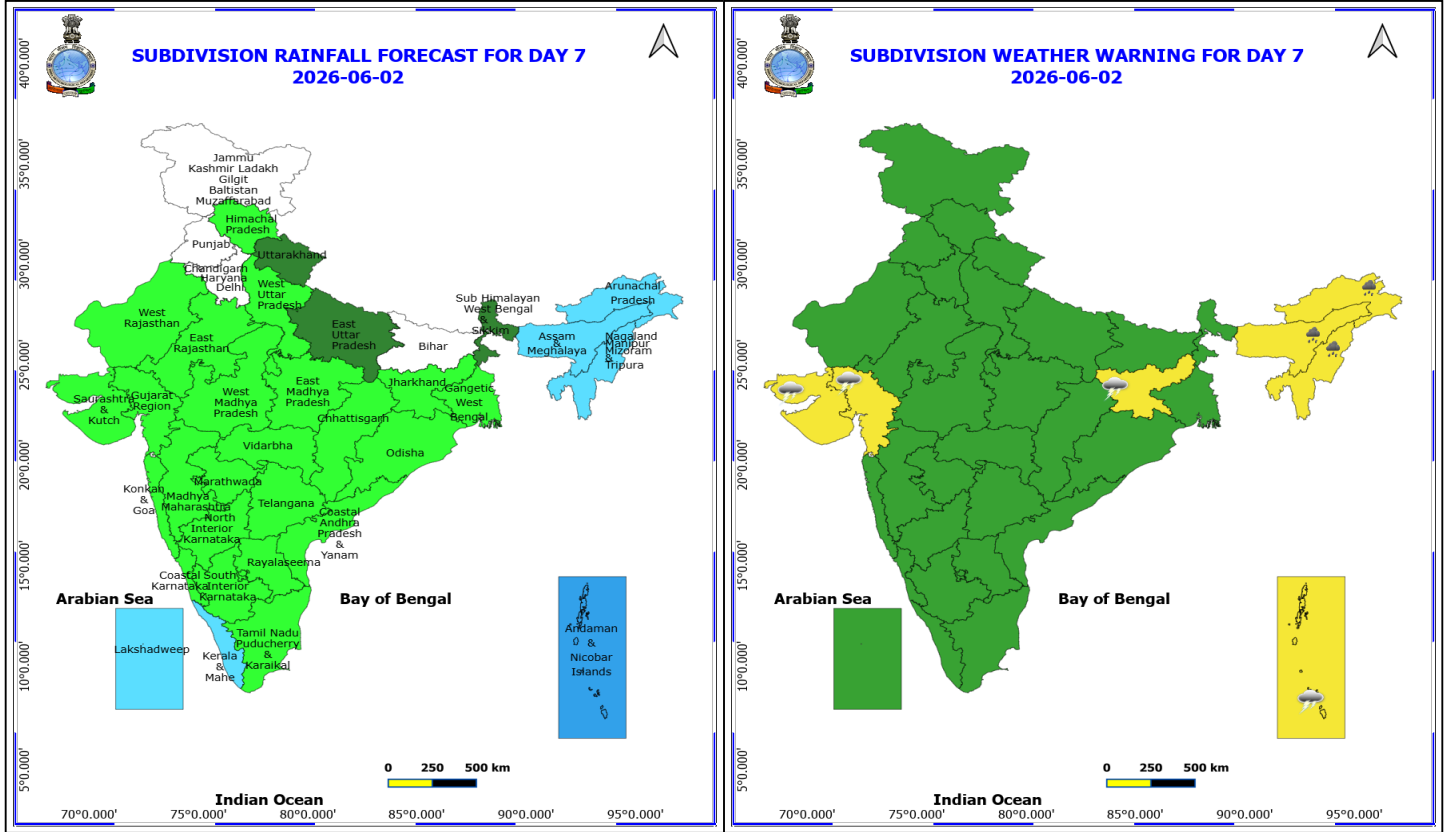
No Fishermen Warning



1 June (Day 6)

- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram and Tripura.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands, Gujarat State and Jharkhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over East Rajasthan and Odisha.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over West Rajasthan.

No Fishermen Warning



2 June (Day 7)

- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram and Tripura.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands, Gujarat State and Jharkhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over East Rajasthan and Odisha.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over West Rajasthan.

No Fishermen Warning



Table-1

7 Days Rainfall Forecast

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

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Fig. 1: Maximum Temperatures Dated 2026-05-26

Fig. 2: Departure of Maximum Temp. Dated 2026-05-26

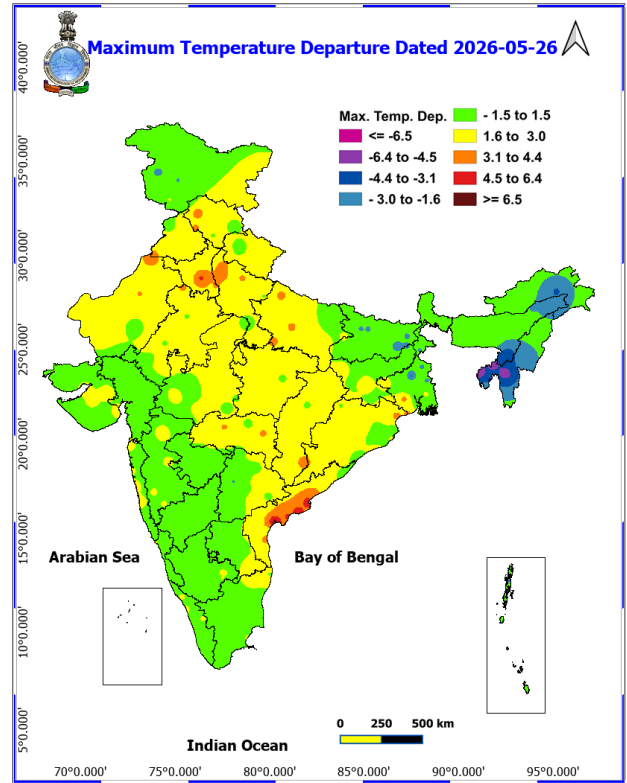
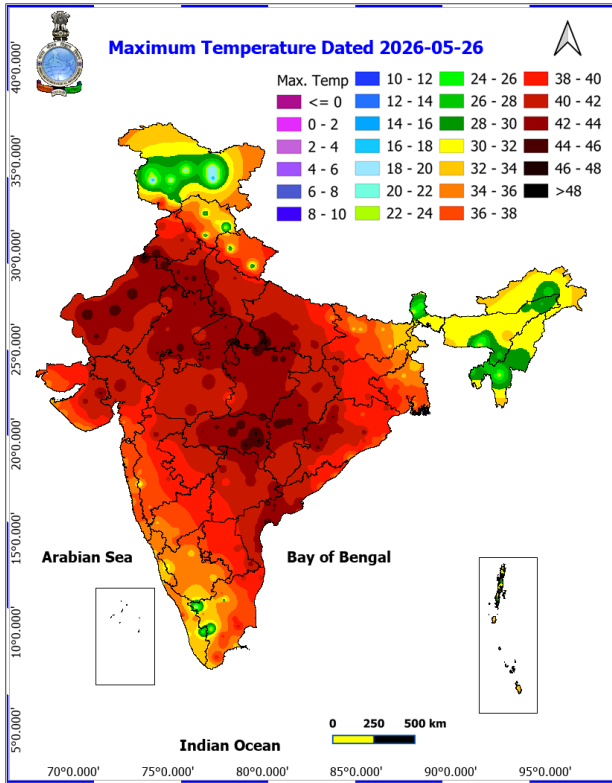
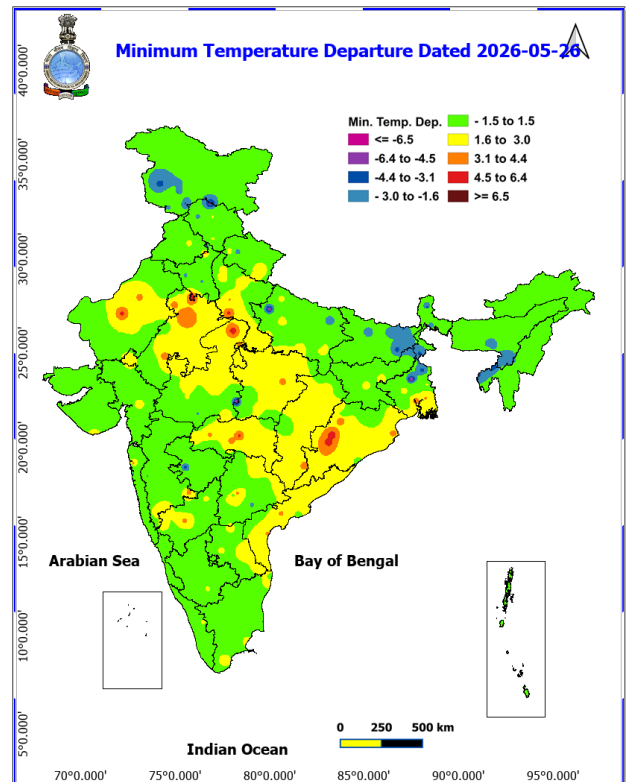
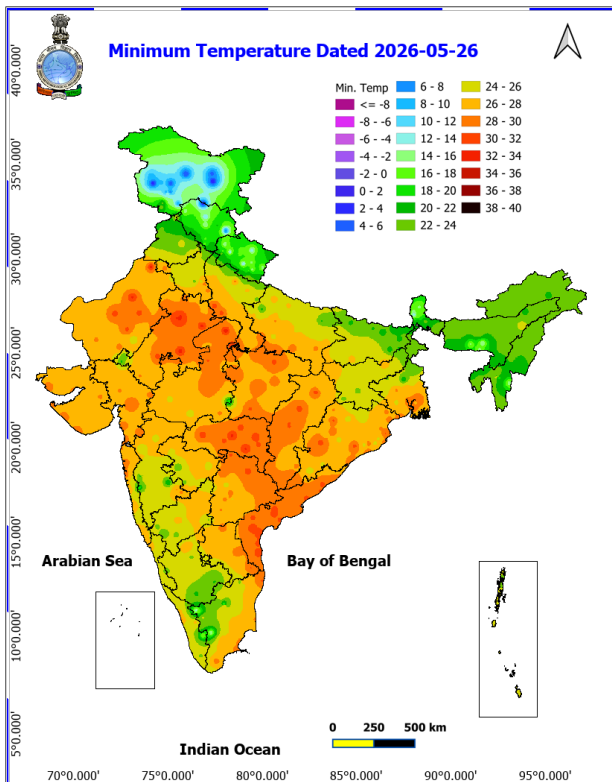


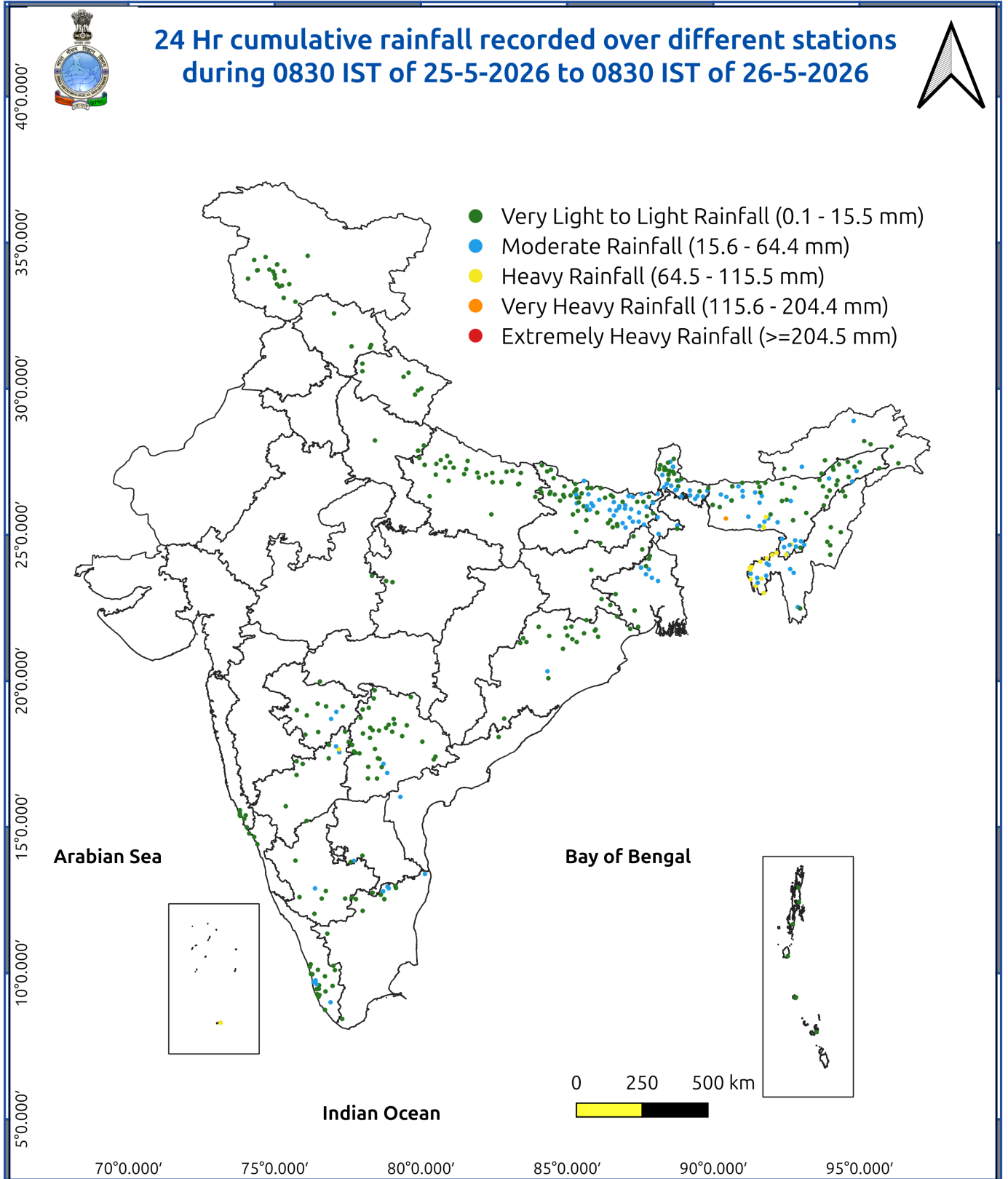
Fig. 3: Minimum Temperatures Dated 2026-05-26

Fig. 4: Departure of Minimum Temp. Dated 2026-05-26



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Impact and Actions

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

- **Isolated heavy rainfall** likely over Arunachal Pradesh on 27th May & 01st June; Assam & Meghalaya during 27th-28th May & on 31st May, 01st June; Nagaland, Manipur, Mizoram & Tripura on 27th, 31st May & 01st June; Andaman & Nicobar Islands during 27th-31st May; Sub-Himalayan West Bengal & Sikkim on 27th May; Bihar on 27th & 29th May; North Interior Karnataka on 27th May with **isolated very heavy rainfall** also likely over Assam & Meghalaya 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 60-70 kmph gusting to 80 kmph)** likely over Bihar on 29th May; Punjab, Haryana Chandigarh & Delhi, West Uttar Pradesh on 28th & 29th; East Uttar Pradesh on 29th May.
- **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over North Interior Karnataka during 27th-28th; Bihar, Coastal Andhra Pradesh & Yanam on 27th May; Jharkhand during 27th-29th May; Odisha on 29th & 30th May; Gangetic West Bengal during 27th-29th May; Jammu-Kashmir, Uttarakhand and Rajasthan on 28th & 29th; East Uttar Pradesh on 28th & 30th May.
- **Isolated Hailstorm activity** likely over North Interior Karnataka on 27th; Jammu-Kashmir, Himachal Pradesh, Uttarakhand, Punjab, Haryana Chandigarh & Delhi, West Uttar Pradesh on 28th & 29th May and East Uttar Pradesh on 29th 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:

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- 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:

- **Heat wave to severe heat wave** conditions likely to continue over Central & Northwest India during next 3-4 days; East & adjoining Peninsular India during next 2-3 days.

Red alert Areas

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

Orange alert Areas

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 various parts of the country

Agromet advisories for likely impact of Hailstorms

- In **North Interior Karnataka and Bihar** use hail nets or hail caps in fruit orchards and vegetable plants to protect them from mechanical damage.
- Ensure effective field drainage to prevent waterlogging. Undertake picking of matured fruits at the earliest. Keep the harvested produce in safe places.

Agromet advisories for likely impact of Heavy Rainfall

- In **Arunachal Pradesh**, ensure proper drainage in vegetable, maize, and nursery fields. InWRC paddy, keep drainage channels open to remove excess water from nursery beds. Cover newly sown nursery beds with polythene sheets or straw mulch.
- In **Assam**, undertake harvesting of *Boro* rice after current spells of heavy rain and store the already harvested

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produce in a safe place. Cover the rice nursery beds with thin polythene sheet. Ensure proper drainage arrangements for quick removal of excess water from rice nurseries, vegetables, banana, citrus and papaya fields.

- **Meghalaya**, harvest the mature banana fruits immediately during clear weather. Make necessary arrangements to remove excess rainwater from the maize, ginger, vegetable, banana and other orchard fields crop fields.
- In **Nagaland**, delay transplanting of brinjal in main field. For already transplanted seedlings, maintain proper drainage in and around the fields of maize, vegetables and orchard.
- In **Manipur**, ensure that ridges and bunds around rice fields are well constructed to maintain the required water level; provide adequate drainage to remove excess rain water from chilli, ginger, turmeric, banana and other crops.
- In **Mizoram**, create drainage channels surrounding the rice fields and utilize grass mulch to cover the seeds. Provide support to fruit-bearing or partially lodge plants/trees. Propping should be done to prevent maize plants from lodging.
- **Tripura** – undertake harvesting of mature Boro rice immediately and shift the harvested produce to a safe and dry place for storage.
- In **Sub-Himalayan West Bengal and Sikkim**, undertake harvesting of matured rice & maize after current spells of heavy rains and keep already harvested produce in a safe place. Ensure proper drainage in rice, maize, jute and vegetables. Postpone fresh sowing of okra.
- **Bihar**, withhold irrigation in standing crops. Prepare paddy nursery fields with proper drainage arrangements.
- In **Tamil Nadu**, maintain proper drainage to prevent water stagnation in cotton, rice nurseries, recently sown cumbu and vegetables,
- In **Kerala**, provide adequate drainage for banana, coconut, and other vegetables. Provide support to banana plants.
- **Lakshadweep**, provide adequate drainage in standing crop fields to prevent waterlogging.
- In **Interior Karnataka**, undertake harvesting of matured rice after current spells of rain, ensure proper drainage in paddy fields, arecanut and mango orchards. Provide staking to tomato plants.

Agromet advisories for likely impact of High temperatures/ Heat Waves

- In **Jammu & Kashmir** - apply light and frequent irrigation to the standing crops, use temporary shade nets to protect the fruit plants from high temperatures.
- **Himachal Pradesh**, apply irrigation to tomato and cucumber nursery as per requirement. Thatch the vegetable nursery plants with grass to conserve moisture.
- **Uttarakhand**, carry out hoeing and weeding in sugarcane; use trash mulch. Apply irrigation to maize, tomato and brinjal as per requirement and cover the soil with mulch.
- In **Punjab**, apply light and frequent irrigation to vegetable, moong fruit plants orchards and onion nurseries.
- 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 melon, 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 **Jharkhand**, provide light at frequent intervals for pulses and vegetables.
- 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 **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 **Vidarbha**, provide light and frequent irrigation to sugarcane, vegetables and orchards during morning or evening hours, with increased frequency during critical growth stages; use organic or straw mulch in vegetables and orchards; cover banana bunches with leaves; and use shade nets in newly planted banana plantations.
- In **Telangana**, provide irrigation to mango orchards and vegetable crops, as required.
- In **Coastal Andhra Pradesh**, apply light irrigation to summer crops and vegetables to maintain soil moisture.

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Apply mulching to conserve soil moisture in the standing crops.

Agromet advisories for likely impact of Thunderstorm / Gusty Winds

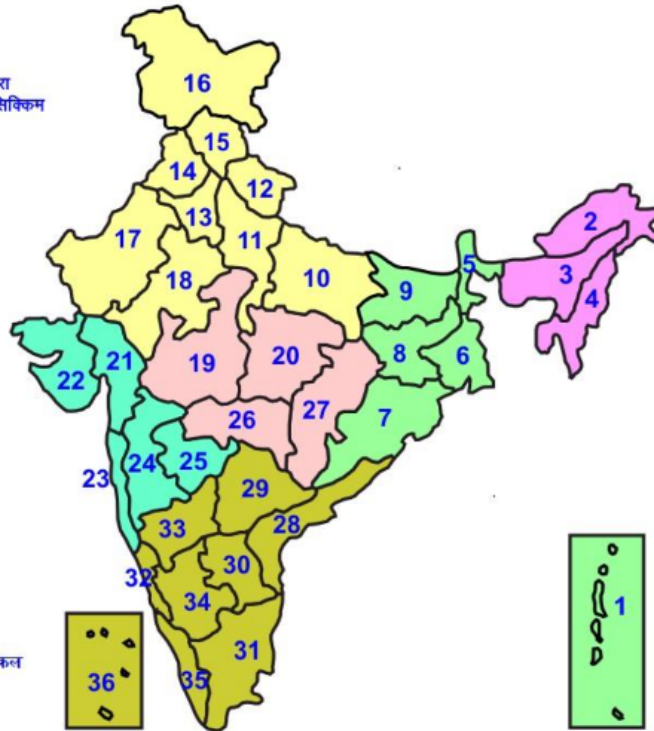
- Shift the harvested produce in safer places or cover the produce with tarpaulin sheets in the fields. Tie the harvested crops securely and cover them to minimize the risk of displacement from strong surface winds.
- Provide mechanical support to horticultural crops and staking or support to vegetables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

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 गांगेय 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 | | | |

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LEGENDS

WARNING

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

Probabilistic Forecast

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



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



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

Heat Wave: Maximum Temperature Departure from normal 4.5°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

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