

2026-07-27

Time of Issue: 08:50:00 hours IST
(Morning)

ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN

Significant Weather Features

Weather forecast and Warnings:

Northwest India:

- **Fairly Widespread to Widespread** rainfall likely over Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Uttarakhand during 27th July-1st August.
- **Fairly Widespread to Widespread** rainfall likely over Haryana Chandigarh & Delhi and Punjab during 28th-31st July; West Uttar Pradesh during 28th July-1st August; East Uttar Pradesh during 27th July-1st August; East Rajasthan during 29th July-1st August.
- **Isolated to Scattered** rainfall likely over Haryana Chandigarh & Delhi and Punjab on 27th July and on 1st August; West Uttar Pradesh on 27th July; West Rajasthan during 27th July-1st August; East Rajasthan during 27th-28th July.
- **Isolated thunderstorm, lightning & gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over East Rajasthan during 28th July-1st August.
- **Isolated thunderstorm & lightning** likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 28th July-1st August; Uttarakhand during 27th July-1st August; West Rajasthan during 29th-30th July; East Rajasthan on 27th July.
- **Isolated heavy rainfall** likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad on 28th July and during 31st July-1st August; Himachal Pradesh on 27th July and on 1st August; Uttarakhand during 30th July-1st August; Haryana Chandigarh & Delhi and Punjab on 27th July and during 30th-31st July; West Uttar Pradesh on 27th July and during 31st July-1st August; East Uttar Pradesh during 31st July-1st August; West Rajasthan during 31st July-1st August; East Rajasthan on 28th July and on 1st August with isolated **very heavy rainfall** also likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 29th-30th July; Himachal Pradesh during 28th-31st July; Uttarakhand during 27th-29th July; Haryana Chandigarh & Delhi and Punjab during 28th-29th July; West Uttar Pradesh during 28th-30th July; East Uttar Pradesh during 27th-30th July; East Rajasthan during 29th-31st July.

Central India:

- **Isolated to Scattered** rainfall likely over West Madhya Pradesh during 27th-28th July and on 1st August; Vidarbha on 1st August.
- **Fairly Widespread to Widespread** rainfall likely over West Madhya Pradesh during 29th-31st July; Chhattisgarh and East Madhya Pradesh during 27th July-1st August; Vidarbha during 27th-31st July.
- **Isolated thunderstorm, lightning & gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over East Madhya Pradesh and West Madhya Pradesh during 27th-30th July.
- **Isolated thunderstorm & lightning** likely over East Madhya Pradesh on 31st July; Chhattisgarh and Vidarbha during 27th-30th July.
- **Isolated heavy rainfall** likely over West Madhya Pradesh during 28th-29th July and on 1st August; East Madhya Pradesh during 27th-28th July and on 31st July; Vidarbha on 27th July and on 30th July; Chhattisgarh on 27th July and during 29th July-1st August with isolated **very heavy rainfall** also likely over West Madhya Pradesh during 30th-31st July; East Madhya Pradesh during 29th-30th July; Vidarbha during 28th-29th July; Chhattisgarh on 28th July.
- **Heavy to very heavy rainfall at few places with extremely heavy rainfall likely at isolated places over Chhattisgarh on 27th July.**

East India:

- **Fairly Widespread to Widespread** rainfall likely over Andaman & Nicobar Islands, Gangetic West Bengal and Odisha during 27th July-1st August; Sub-Himalayan West Bengal & Sikkim during 27th July-1st August; Jharkhand during 27th-29th July and on 1st August; Bihar during 30th July-1st August.
- **Isolated to Scattered** rainfall likely over Jharkhand during 30th-31st July; Bihar during 27th-29th July.

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- Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Andaman & Nicobar Islands during 27th July-1st August; Gangetic West Bengal during 27th-28th July **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Jharkhand during 27th-30th July; Bihar during 27th-30th July; Odisha during 28th-30th July.
- Isolated **heavy rainfall** likely over Bihar and Sub-Himalayan West Bengal & Sikkim during 28th July-1st August; Gangetic West Bengal on 28th July; Jharkhand during 27th-28th July; with isolated **very heavy rainfall** also likely over Gangetic West Bengal on 27th July.
- **Heavy to very heavy rainfall at few places with extremely heavy rainfall likely at isolated places over Odisha on 27th July and isolated heavy to very heavy rainfall likely on 28th and heavy rainfall during 29th July to 01st August.**

Northeast India:

- **Isolated to Scattered** rainfall likely over Arunachal Pradesh during 27th-28th July and during 31st July-1st August; Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura on 1st August.
- **Fairly Widespread to Widespread** rainfall likely over Arunachal Pradesh during 29th-30th July; Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during 27th-31st July.
- Isolated **thunderstorm & lightning** likely over Arunachal Pradesh during 27th-28th July; Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during 27th-30th July.
- Isolated **heavy rainfall** likely over Arunachal Pradesh during 27th-31st July; Assam & Meghalaya during 27th-28th July and during 30th-31st July; Nagaland, Manipur, Mizoram & Tripura during 27th-28th July and on 31st July with isolated **very heavy rainfall** also likely over Assam & Meghalaya on 29th July; Nagaland, Manipur, Mizoram & Tripura during 29th-30th July.

West India:

- **Fairly Widespread to Widespread** rainfall likely over Konkan & Goa during 27th July-1st August; Gujarat Region during 31st July-1st August.
- **Isolated to Scattered** rainfall likely over Madhya Maharashtra and Saurashtra & Kutch during 27th July-1st August; Marathwada during 27th July-1st August; Gujarat Region during 27th-30th July.
- Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Madhya Maharashtra during 28th-30th July; Marathwada during 27th-29th July.
- Isolated **thunderstorm & lightning** likely over Gujarat Region and Saurashtra & Kutch during 27th-29th July.
- Isolated **heavy rainfall** likely over Konkan & Goa and Madhya Maharashtra during 28th-31st July; Gujarat Region on 27th July and on 30th July; Saurashtra & Kutch during 31st July-1st August with isolated **very heavy rainfall** also likely over Konkan & Goa and Madhya Maharashtra on 27th July; Gujarat Region during 31st July-1st August.

South Peninsular India:

- **Isolated to Scattered** rainfall likely over Coastal Andhra Pradesh & Yanam, North Interior Karnataka, Rayalaseema, South Interior Karnataka, Tamil Nadu, Puducherry & Karaikal and Telangana during 27th July-1st August.
- **Fairly Widespread to Widespread** rainfall likely over Coastal Karnataka and Kerala & Mahe during 27th July-1st August; Lakshadweep during 27th July-1st August.
- Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Tamil Nadu, Puducherry & Karaikal on 27th July; North Interior Karnataka during 27th July-1st August; Coastal Andhra Pradesh & Yanam during 28th-30th July; Rayalaseema during 27th-30th July, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Kerala & Mahe on 27th July; Coastal Karnataka and Telangana during 27th July-1st August.
- Isolated **heavy rainfall** likely over Kerala & Mahe during 27th July-1st August; Coastal Karnataka during 27th-28th July; Coastal Andhra Pradesh & Yanam during 27th-29th July.
- **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Coastal Andhra Pradesh & Yanam on 27th July.
- Strong Surface Winds likely over the region during 27th July-1st August.
- **Hot & Humid weather warning:**

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- **Hot and humid** weather conditions likely to prevail over Coastal Andhra Pradesh & Yanam during 27th-28th July.

Sea Condition, Fishermen & Wind Warnings associated with the Depression over northwest Bay of Bengal & adjoining Odisha-West Bengal coasts.

Wind Warning:

- Squally winds with speed reaching 55-65 kmph gusting to 75 kmph are likely to prevail over North Bay of Bengal & adjoining Odisha-West Bengal-north Andhra Pradesh coasts from morning of 27th July till morning of 28th July and decrease gradually thereafter.
- Squally winds with speed reaching 40-50 gusting to 60 kmph are likely to prevail over central and northeast Bay of Bengal during 27th - 28th July.
- **Sea Condition:**
- **Sea condition is very likely to be rough to very rough** over northwest Bay of Bengal, along & off Odisha, West Bengal and north Andhra Pradesh coasts during till 27th July. It is likely to improve becoming rough over the same region from 28th morning and likely to improve gradually thereafter.
- **Sea condition is very likely to be rough** over central and northeast Bay of Bengal till 28th July and improve gradually thereafter.

Fishermen Warning:

- Fishermen are advised not to venture into northwest Bay of Bengal, along & off Odisha, West Bengal and north Andhra Pradesh coasts till 29th July.
- Fishermen are advised not to venture into central and northeast Bay of Bengal during till 28th July.

Main Weather Observations:

❖ **Rainfall distribution** (from 0830 hours IST of yesterday to 0530 hours IST of today): **at most places** over Nagaland, Manipur, Mizoram & Tripura, Gujarat Region, Uttarakhand, Gangetic West Bengal, Sub-himalayan West Bengal & Sikkim, Kerala & Mahe, Marathwada, Konkan & Goa, Madhya Maharashtra, Odisha, Andaman & Nicobar Islands, Telangana, Coastal Karnataka and North Interior Karnataka; **at many places** over Arunachal Pradesh, East Rajasthan, East Uttar Pradesh, West Uttar Pradesh, Coastal Andhra Pradesh & Yanam, Jharkhand, Assam & Meghalaya, West Madhya Pradesh, East Madhya Pradesh, West Rajasthan, Punjab, Saurashtra & Kutch, Vidarbha, Chhattisgarh, Tamilnadu Puducherry & Karaikal and Lakshadweep; **Dry** over rest of the country.

❖ **Significant rainfall recorded(in cm)** (from 0830 hours IST of yesterday to 0530 hours IST of today): **Gujarat Region**: Deesa (dist Banaskantha) 7; **East Madhya Pradesh**: Satna (dist Satna) 5; **Konkan & Goa**: Ratnagiri (dist Ratnagiri) 5; **West Rajasthan**: Barmer (dist Barmer) 5; **Madhya Maharashtra**: Nashik (dist Nashik) 5; **Odisha**: Balasore (dist Balasore) 5; **Punjab**: Chandigarh (dist Chandigarh) 4.

❖ **Heavy Rainfall observed** (from 0830 hours IST of yesterday to 0530 hours IST of today): **Heavy rain** at a few places over Gujarat Region

❖ **Minimum Temperature Departures (as on 26-07-2026)**: **markedly above normal(> 5.1°C)** at isolated places over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Sub Himalayan West Bengal & Sikkim, Bihar, East Uttar Pradesh, West Uttar Pradesh, Himachal Pradesh, East Madhya Pradesh, Saurashtra & Kutch and Madhya Maharashtra. **appreciably above normal(3.1°C to 5.0°C)** at many places over Coastal Andhra Pradesh & Yanam; at few places over Andaman & Nicobar Islands and East Madhya Pradesh; at isolated places over Assam & Meghalaya, Sub Himalayan West Bengal & Sikkim, Odisha, Bihar, West Madhya Pradesh, Saurashtra & Kutch, Rayalaseema and Tamil Nadu, Puducherry & Karaikal. **above normal(1.6°C to 3.0°C)** at many places over Tamil Nadu, Puducherry & Karaikal and Lakshadweep; at most places over Arunachal Pradesh; at few places over Andaman & Nicobar Islands, Sub Himalayan West Bengal & Sikkim, Bihar, East Uttar Pradesh, East Madhya Pradesh, Konkan & Goa, Chhattisgarh, Coastal Andhra Pradesh & Yanam, Rayalaseema and Kerala & Mahe; at isolated places over Nagaland, Manipur, Mizoram & Tripura, Odisha, West Uttar Pradesh, Uttarakhand, Haryana-Chandigarh-Delhi, Himachal Pradesh, East Rajasthan, West Madhya Pradesh, Saurashtra & Kutch, Madhya Maharashtra, Marathwada and Telangana. **near normal(-1.5°C to 1.5°C)** at many places over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, West Uttar Pradesh, Uttarakhand, East Rajasthan, West Madhya Pradesh, Saurashtra & Kutch, Konkan & Goa, Marathwada, Chhattisgarh and Telangana; at most places over Gangetic West Bengal, Odisha, Jharkhand, Haryana-Chandigarh-Delhi, Punjab, Himachal Pradesh, West Rajasthan, Gujarat Region, Madhya Maharashtra, Vidarbha, Coastal Karnataka, North Interior Karnataka and South Interior Karnataka; at few places over Sub Himalayan West Bengal & Sikkim, Bihar, East Uttar Pradesh, Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad, Rayalaseema, Tamil Nadu, Puducherry & Karaikal, Kerala & Mahe and Lakshadweep; at isolated places over Andaman & Nicobar Islands, East Madhya Pradesh and Coastal Andhra Pradesh & Yanam. **The lowest minimum temperature** of 18.5°C was reported at BOUDH (ORISSA) over the Plains of India.

❖ **Maximum Temperature Departures (as on 26-07-2026)**: **markedly above normal(> 5.1°C)** at isolated places over Assam & Meghalaya and Coastal Andhra Pradesh & Yanam. **appreciably above normal(3.1°C to 5.0°C)** at many places over East Uttar Pradesh; at few places over Arunachal Pradesh, Nagaland, Manipur, Mizoram & Tripura, Sub Himalayan West Bengal & Sikkim, Bihar, Marathwada, Vidarbha, Chhattisgarh and Kerala & Mahe; at isolated places over West Uttar Pradesh, Uttarakhand, Haryana-Chandigarh-Delhi, Himachal Pradesh, East Madhya Pradesh, Konkan & Goa, Telangana and Tamil Nadu, Puducherry & Karaikal. **above normal(1.6°C to 3.0°C)** at many places over Rayalaseema, Coastal Karnataka and North Interior Karnataka; at most places over Lakshadweep; at few places over Punjab, West Madhya Pradesh and Madhya Maharashtra; at isolated places over Andaman & Nicobar Islands, Gangetic West Bengal, Odisha, Jharkhand, Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad and South Interior Karnataka. **near normal(-1.5°C to 1.5°C)** at many places over West Rajasthan, East Rajasthan and Saurashtra & Kutch; at few places over Gujarat Region. **The highest maximum temperature** of 41.1°C was reported at MADURAI (A) (TAMIL NADU).

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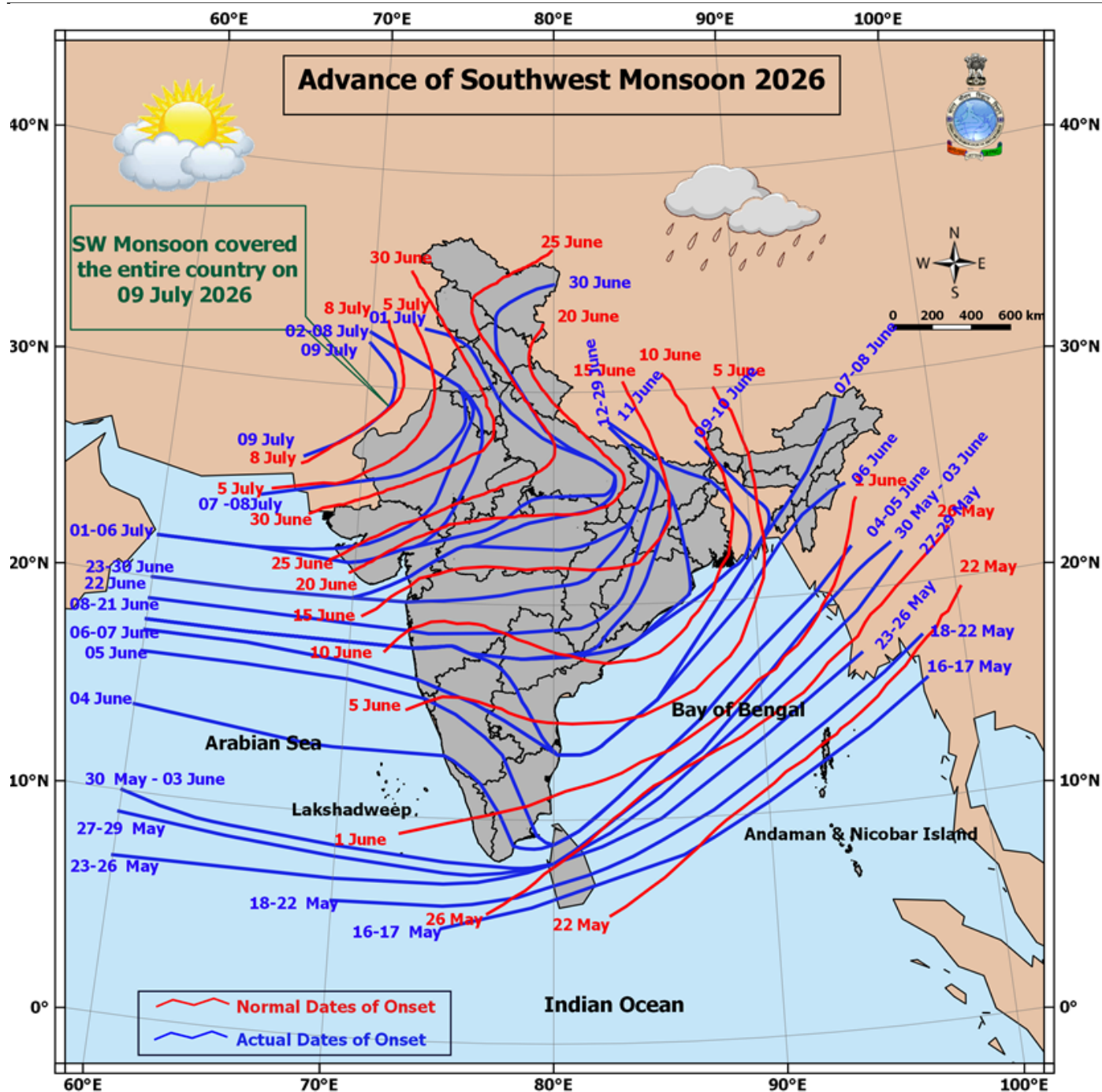
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Meteorological Analysis (Based on 0530 hours IST)

- The **Depression** over northwest Bay of Bengal and adjoining areas of North Odisha-West Bengal coasts moved very slowly northwards with the speed of 3 kmph during past 6 hours, intensified into a **Deep Depression** and lay centred at 0530 hrs IST of today, the 27th July 2026, over northwest Bay of Bengal and adjoining areas of West Bengal-North Odisha coasts near latitude 21.3°N and longitude 88.1°E, about 40 km south of Sagar Island (West Bengal), 70 km east-southeast of Digha (West Bengal), 100 km south of Diamond Harbour (West Bengal), 120 km east-southeast of Balasore (Odisha) and 120 km south-southwest of Canning (west Bengal). It is very likely to move nearly north-northwestwards and cross West Bengal-north Odisha coasts between Balasore & Canning around afternoon of today, the 27th July 2026.
- The **Low-Pressure area** over West Rajasthan & neighbourhood has become less marked. However, the associated cyclonic circulation lies over Southwest Rajasthan & neighbourhood and extends upto 3.1 km above mean sea level.
- The **Monsoon trough** at mean sea level now passes through Bikaner, Gwalior, Varanasi, Jamshedpur, centre of **Deep Depression** over northwest Bay of Bengal and adjoining areas of West Bengal-North Odisha coasts, thence southeastwards towards Northeast Bay of Bengal and extends upto 1.5 km above mean sea level.
- The **east-west shear zone** embedded with cyclonic circulation over Southwest Rajasthan and cyclonic circulation associated with **Deep Depression** over northwest Bay of Bengal and adjoining areas of West Bengal-North Odisha coasts roughly along 23°N Lat. across central India between 3.1 & 5.8 km above mean sea level persists.
- The **Western Disturbance** as a trough in middle & upper tropospheric westerlies with its axis at 5.8 km above mean sea level roughly along Long. 66°E to the north of Lat. 30°N persists.
- The **upper air cyclonic circulation** over Central parts of Assam at 0.9 km above mean sea level has become less marked.

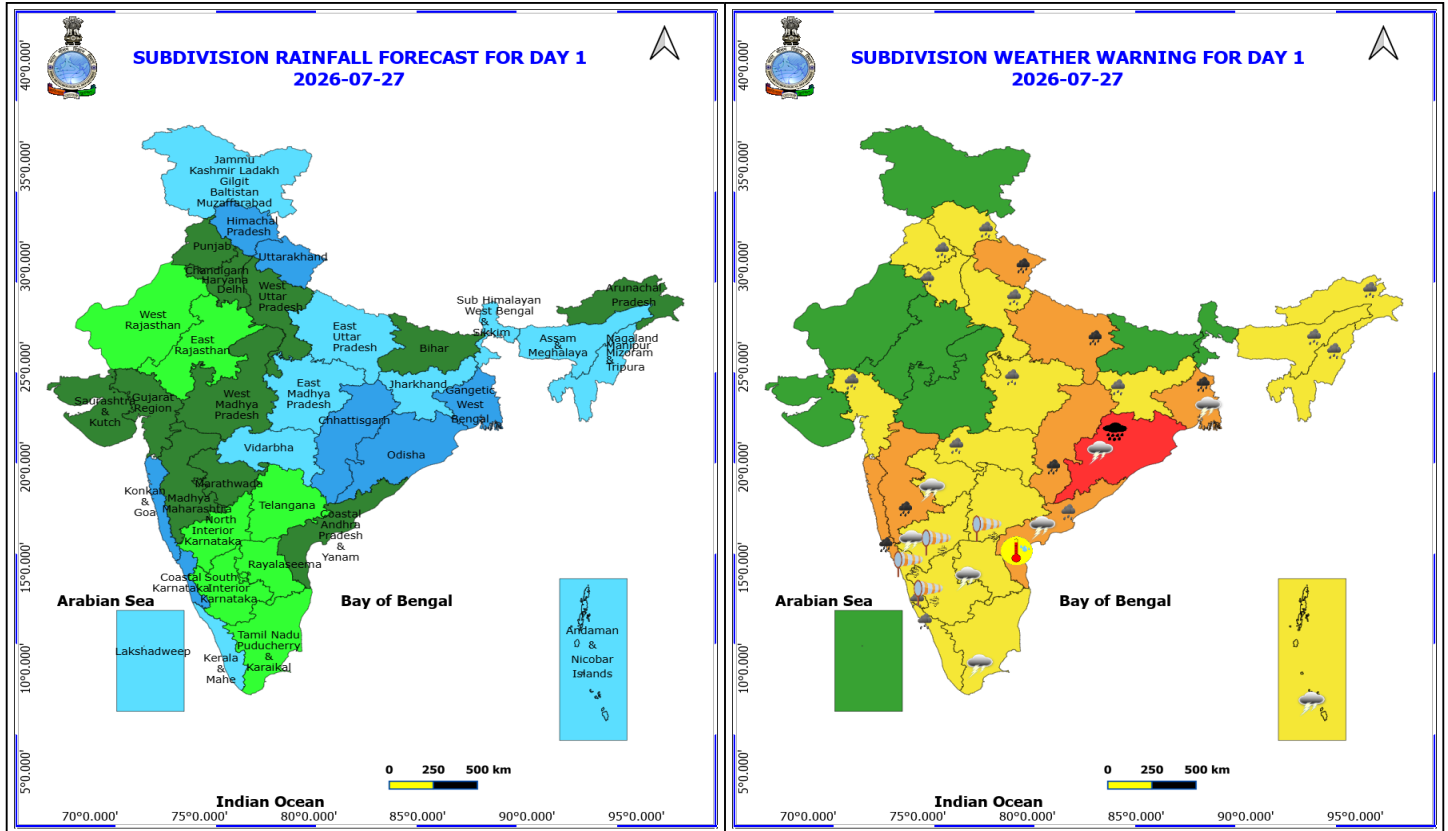


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27 July (Day 1)

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

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❖ **Hot and Humid weather** very likely at isolated places over Coastal Andhra Pradesh.

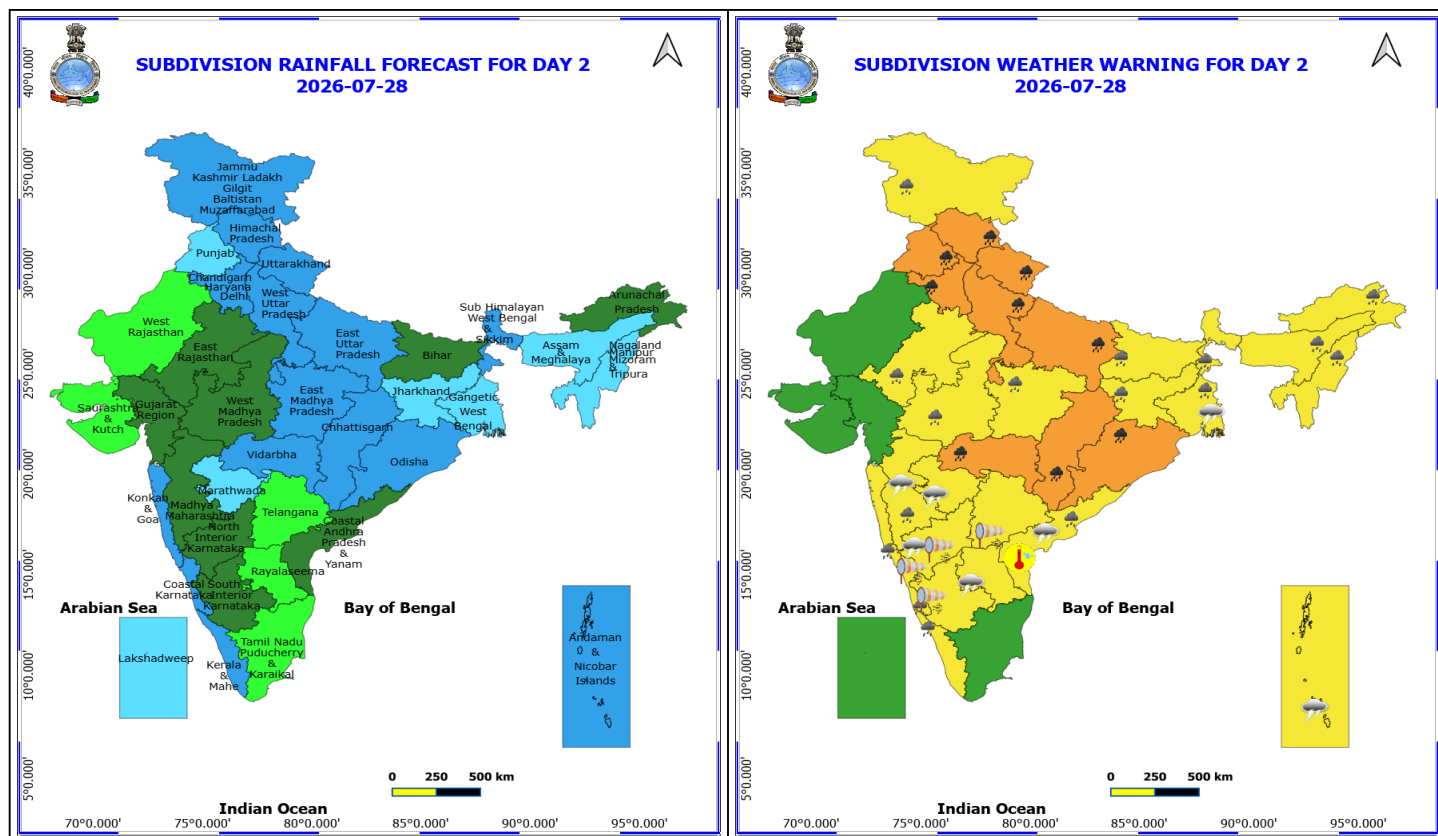
❖ Arabian Sea: Squally wind with speed 45-55 kmph gusting to 65 kmph is likely to prevail over most parts of westcentral adjoining some parts of east central and southwest Arabian Sea and along and off Somalia and Oman Coasts.

❖ Squally Weather with wind speed 40-50 kmph gusting to 60 kmph is likely to prevail along and off south Gujarat and Konkan & Goa coasts adjoining northeast & east central Arabian Sea.

❖ Bay of Bengal: Squally weather with wind speed 50-60 kmph gusting to 70 kmph is likely to prevail along and off Odisha, West Bengal coasts, northwest adjoining some parts westcentral Bay of Bengal.

❖ Squally weather with wind speed 45-55 kmph gusting to 65 kmph is likely to prevail along and off north Andhra Pradesh coasts, some parts of central & adjoining parts of north Bay of Bengal, over Gulf of Mannar.

❖ Squally Weather with wind speed 40-50 kmph gusting to 60 kmph is likely to prevail along and off over Andaman Sea, Bangladesh, Myanmar coasts and northeast and some parts central adjoining south Bay of Bengal.



28 July (Day 2)

- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Chhattisgarh, Haryana, Chandigarh & Delhi, Himachal Pradesh, Odisha, Punjab, Uttar Pradesh, Uttarakhand and Vidarbha.
- ❖ **Heavy Rainfall** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Bihar, Coastal Andhra Pradesh, Coastal Karnataka, East Rajasthan, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, Kerala & Mahe, Konkan & Goa, Madhya Maharashtra, Madhya Pradesh, Nagaland, Manipur, Mizoram and Tripura and West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Andaman & Nicobar Islands, Andhra Pradesh, Gangetic West Bengal, Madhya Maharashtra, Marathwada and North Interior Karnataka.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Bihar, Coastal Karnataka, East Rajasthan, Jharkhand, Madhya Pradesh, Odisha and Telangana.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Gujarat State, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Nagaland, Manipur, Mizoram and Tripura, Uttarakhand and Vidarbha.
- ❖ **Strong Surface Winds** very likely at isolated places over Karnataka and Telangana.
- ❖ **Hot and Humid weather** very likely at isolated places over Coastal Andhra Pradesh.
- ❖ **Arabian Sea:** Squally wind with speed 45-55 kmph gusting to 65 kmph is likely to prevail over most parts of central adjoining some parts of southwest and few parts of north Arabian Sea and along and off Somalia and Oman Coasts.

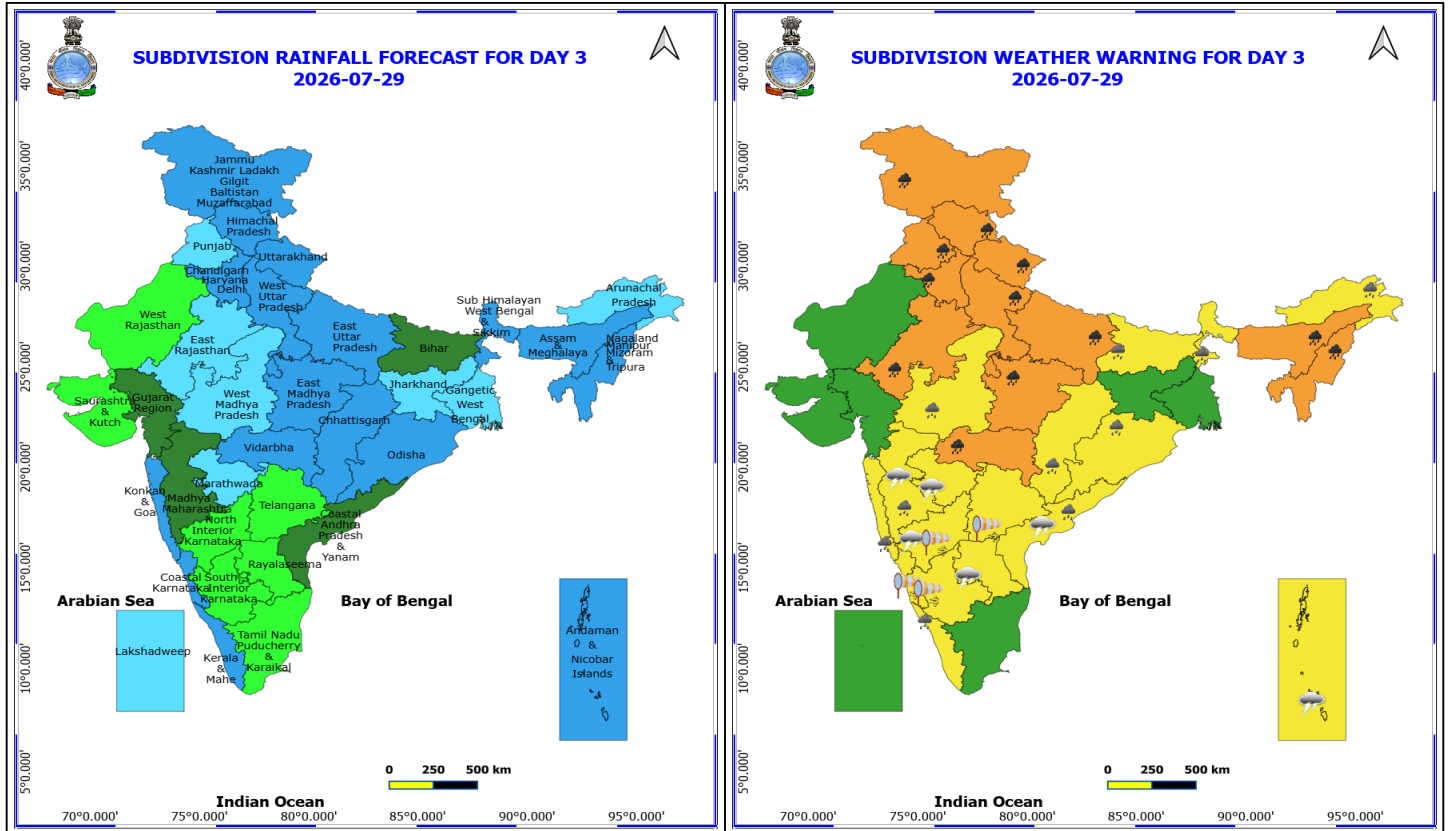
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- ❖ Squally Weather with wind speed 40-50 kmph gusting to 60 kmph is likely to prevail along and off south Gujarat and Konkan & Goa coasts adjoining northeast & east central Arabian Sea.
- ❖ Bay of Bengal: Squally weather with wind speed 55-65 kmph gusting to 75 kmph is likely to prevail along and off West Bengal, Odisha coasts, most parts of northwest Bay of Bengal.
- ❖ Squally weather with wind speed 45-55 kmph gusting to 65 kmph is likely to prevail along and off north Andhra Pradesh coasts, some parts of central & adjoining parts of north Bay of Bengal.
- ❖ Squally wind with speed 45-55 kmph gusting to 65 kmph is likely to prevail over southwest Bay of Bengal adjoining south Sri Lanka coasts.
- ❖ Squally Weather with wind speed 40-50 kmph gusting to 60 kmph is likely to prevail along and off over Andaman Sea, Bangladesh, Myanmar coasts and northeast central and southwest Bay of Bengal, Gulf of Mannar.



29 July (Day 3)

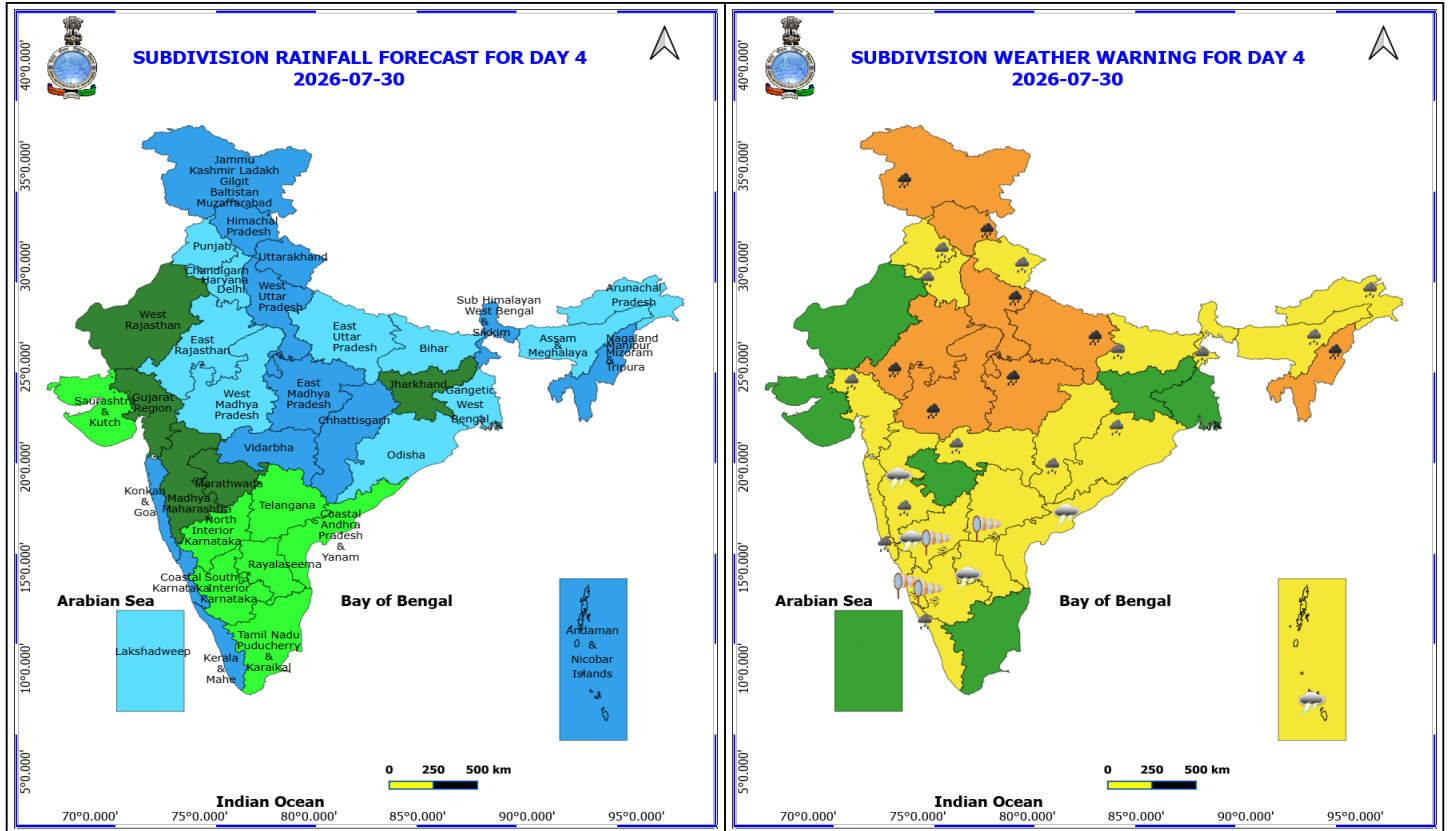
- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Assam & Meghalaya, East Madhya Pradesh, East Rajasthan, Haryana, Chandigarh & Delhi, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Nagaland, Manipur, Mizoram and Tripura, Punjab, Uttar Pradesh, Uttarakhand and Vidarbha.
- ❖ **Heavy Rainfall** very likely at isolated places over Arunachal Pradesh, Bihar, Chhattisgarh, Coastal Andhra Pradesh, Kerala & Mahe, Konkan & Goa, Madhya Maharashtra, Odisha, Sub Himalayan West Bengal & Sikkim and West Madhya Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Andaman & Nicobar Islands, Andhra Pradesh, Madhya Maharashtra, Marathwada and North Interior Karnataka.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Bihar, Coastal Karnataka, East Rajasthan, Jharkhand, Madhya Pradesh, Odisha and Telangana.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Assam & Meghalaya, Chhattisgarh, Gujarat State, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Nagaland, Manipur, Mizoram and Tripura, Uttarakhand, Vidarbha and West Rajasthan.
- ❖ **Strong Surface Winds** very likely at isolated places over Karnataka and Telangana.
- ❖ **Arabian Sea:** Squally wind with speed 45-55 kmph gusting to 65 kmph is likely to prevail over most parts of central adjoining some parts of southwest and few parts of north Arabian Sea and along and off Somalia and Oman Coasts.
- ❖ **Bay of Bengal:** Squally Weather with wind speed 40-50 kmph gusting to 60 kmph is likely to prevail along and off west Bengal, Odisha, north Andhra Pradesh coasts, most parts of central and north Bay of Bengal, over gulf of Mannar and adjoining parts of southwest Bay of Bengal.

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30 July (Day 4)

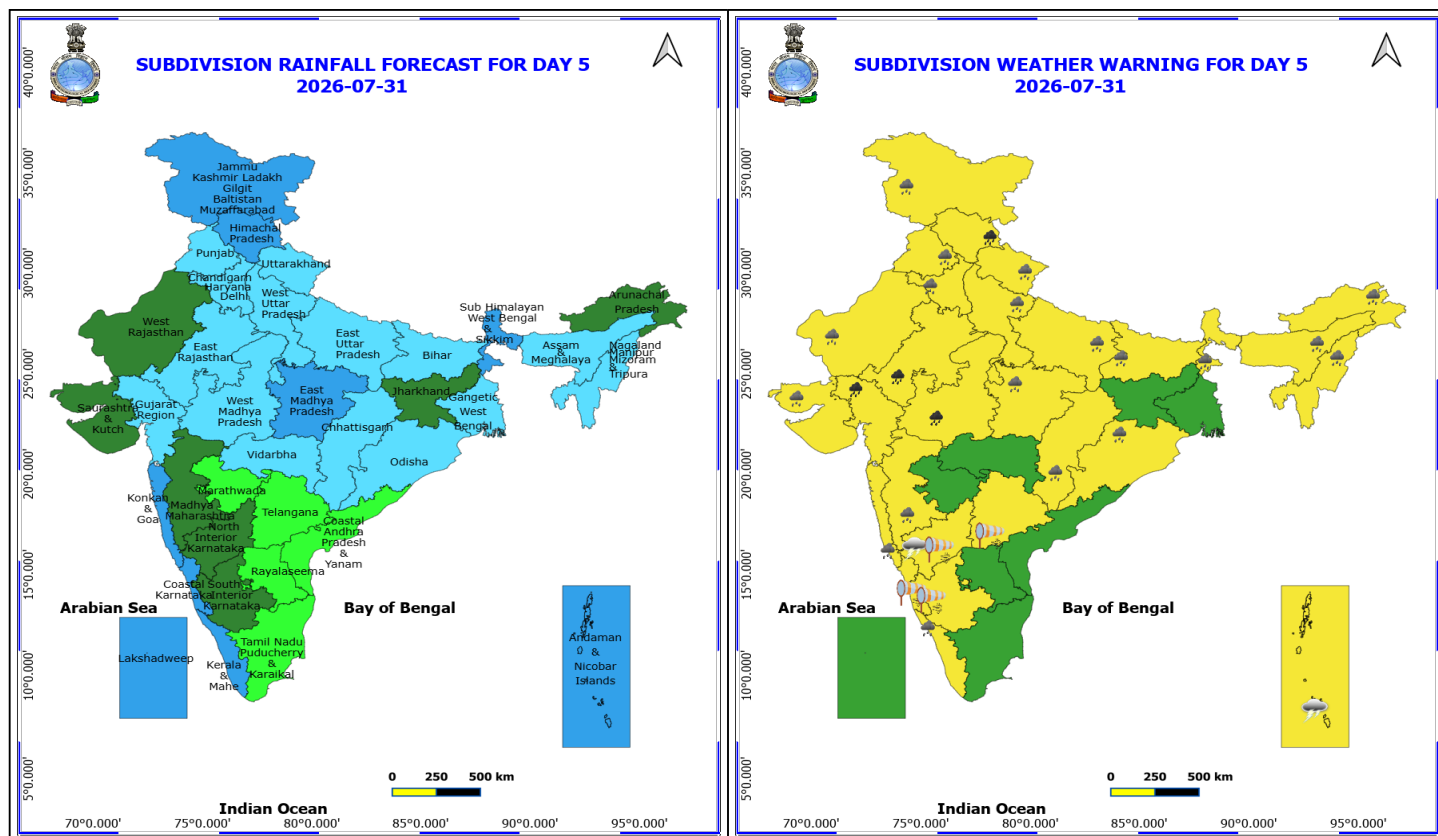
- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over East Rajasthan, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Madhya Pradesh, Nagaland, Manipur, Mizoram and Tripura and Uttar Pradesh.
- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Bihar, Chhattisgarh, Gujarat Region, Haryana, Chandigarh & Delhi, Kerala & Mahe, Konkan & Goa, Madhya Maharashtra, Odisha, Punjab, Sub Himalayan West Bengal & Sikkim, Uttarakhand and Vidarbha.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands, Andhra Pradesh, Madhya Maharashtra and North Interior Karnataka.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Bihar, Coastal Karnataka, East Rajasthan, Jharkhand, Madhya Pradesh, Odisha and Telangana.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Assam & Meghalaya, Chhattisgarh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Nagaland, Manipur, Mizoram and Tripura, Uttarakhand, Vidarbha and West Rajasthan.
- ❖ **Strong Surface Winds** likely at isolated places over Karnataka and Telangana.
- ❖ **Arabian Sea:** Squally wind with speed 45-55 kmph gusting to 65 kmph is likely to prevail over most parts of central adjoining some parts of southwest and few parts of north Arabian Sea and along and off Somalia and Oman Coasts.
- ❖ **Bay of Bengal:** Squally wind with speed 45-55 kmph gusting to 65 kmph is likely to prevail over few parts of Gulf of Mannar, southwest Bay of Bengal adjoining south Sri Lanka coasts.

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31 July (Day 5)

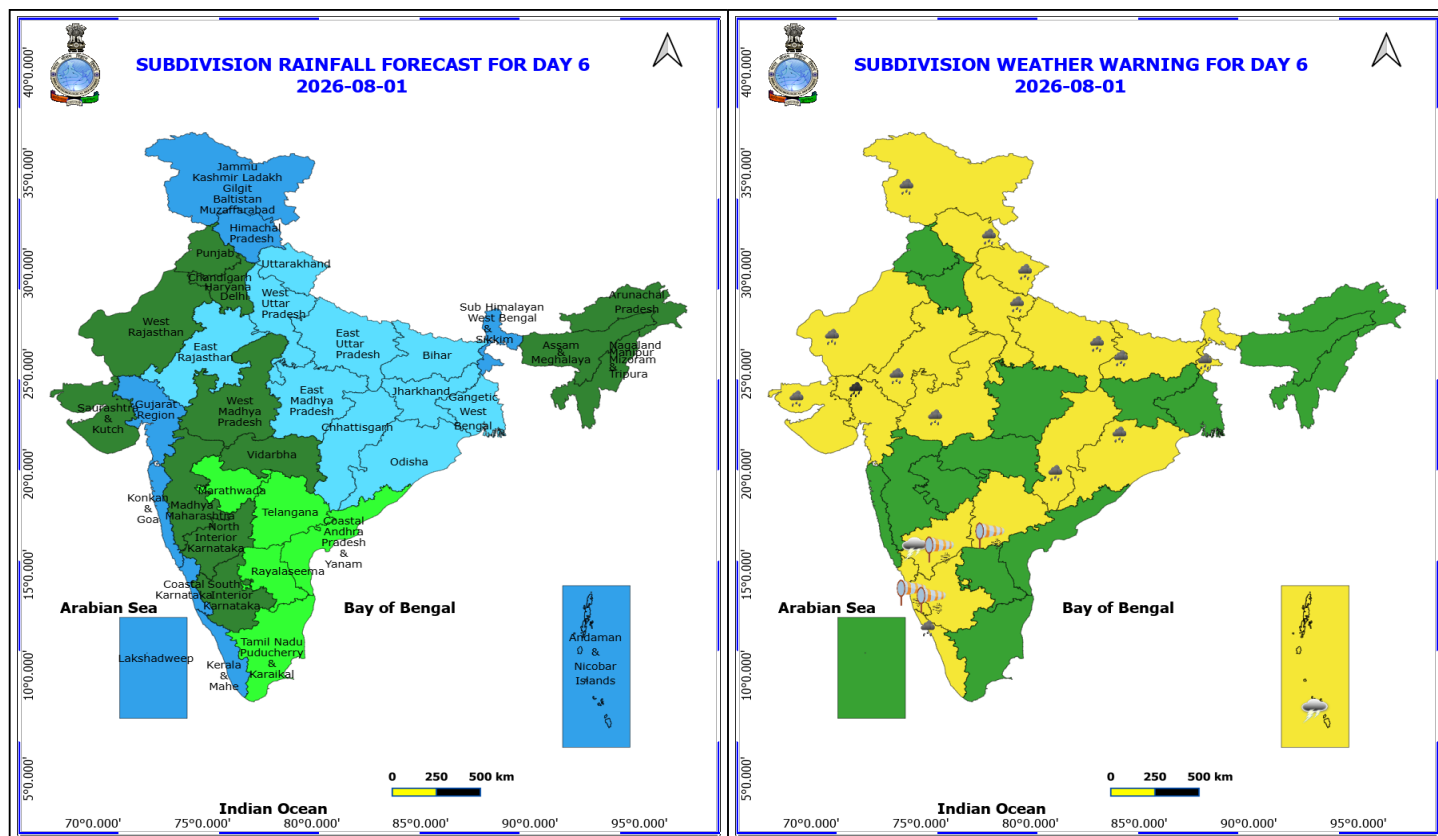
- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over East Rajasthan, Gujarat Region, Himachal Pradesh and West Madhya Pradesh.
- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Bihar, Chhattisgarh, East Madhya Pradesh, Haryana, Chandigarh & Delhi, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Kerala & Mahe, Konkan & Goa, Madhya Maharashtra, Nagaland, Manipur, Mizoram and Tripura, Odisha, Punjab, Saurashtra & Kutch, Sub Himalayan West Bengal & Sikkim, Uttar Pradesh, Uttarakhand and West Rajasthan.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands and North Interior Karnataka.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Coastal Karnataka, East Rajasthan and Telangana.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over East Madhya Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Uttarakhand.
- ❖ **Strong Surface Winds** likely at isolated places over Karnataka and Telangana.
- ❖ **Arabian Sea:** Squally wind with speed 45-55 kmph gusting to 65 kmph is likely to prevail over most parts of central adjoining some parts of southwest and few parts of north Arabian Sea and along and off Somalia and Oman Coasts.
- ❖ **Bay of Bengal:** Squally wind with speed 45-55 kmph gusting to 65 kmph is likely to prevail over few parts of Gulf of Mannar, southwest Bay of Bengal adjoining south Sri Lanka coasts.

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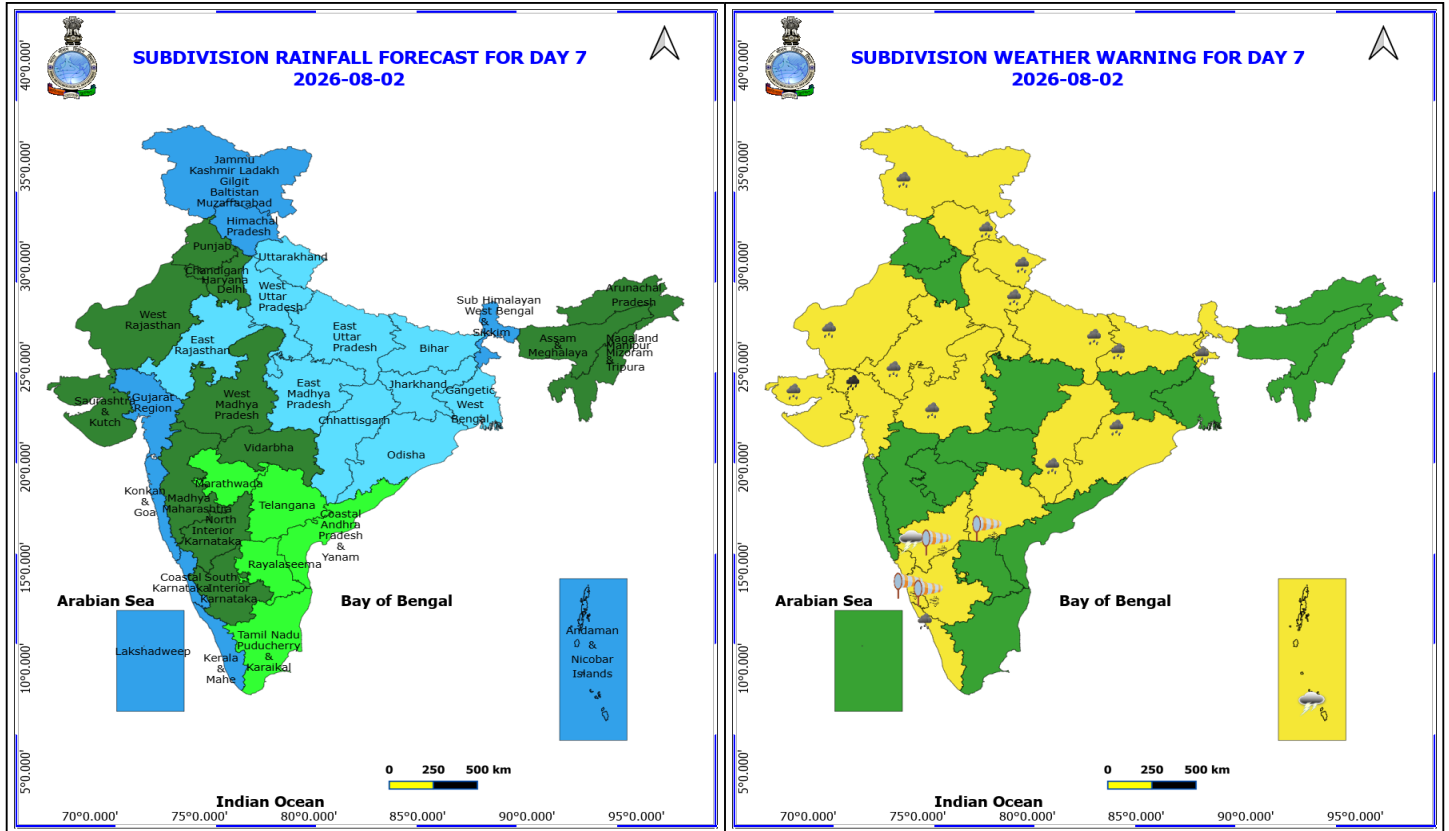
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1 August (Day 6)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Gujarat Region.
- ❖ **Heavy Rainfall** likely at isolated places over Bihar, Chhattisgarh, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Kerala & Mahe, Odisha, Rajasthan, Saurashtra & Kutch, Sub Himalayan West Bengal & Sikkim, Uttar Pradesh, Uttarakhand and West Madhya Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands and North Interior Karnataka.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Coastal Karnataka, East Rajasthan and Telangana.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Uttarakhand.
- ❖ **Strong Surface Winds** likely at isolated places over Karnataka and Telangana.

No Fishermen Warning



2 August (Day 7)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Gujarat Region.
- ❖ **Heavy Rainfall** likely at isolated places over Bihar, Chhattisgarh, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Kerala & Mahe, Odisha, Rajasthan, Saurashtra & Kutch, Sub Himalayan West Bengal & Sikkim, Uttar Pradesh, Uttarakhand and West Madhya Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands and North Interior Karnataka.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Coastal Karnataka, East Rajasthan and Telangana.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Uttarakhand.
- ❖ **Strong Surface Winds** likely at isolated places over Karnataka and Telangana.

No Fishermen Warning

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Flash Flood Warnings

24 hours Outlook for the Flash Flood Risk (FFR) till 0530 IST of 28-07-2026 :

Low to Moderate flash flood risk likely over few watersheds & neighbourhoods of following Met Sub-divisions during next 24 hours.

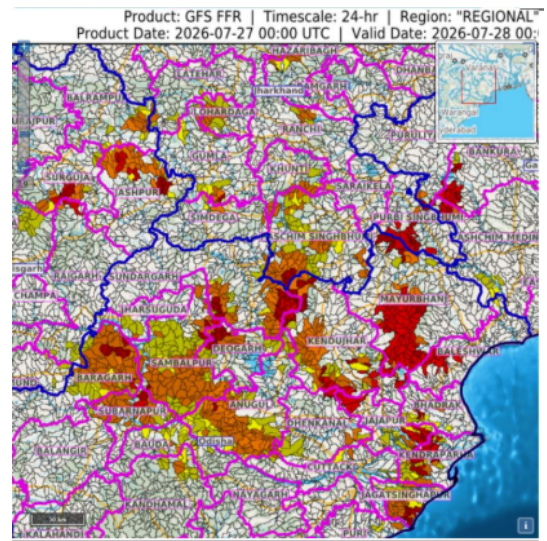
Odisha – Anugul, Bauda, Baragarh, Kandhamal, Baleshwar, Deogarh, Mayurbhanj, Kendujhar, Bhadrak, Cuttack, Kendraparha, Jagatsinghapur, Dhenkanal, Rayagarha, Sambalpur, Subarnapur and Sundargarh districts.

West Bengal - Bankura, Purulia Pashchim Medinipur districts.

Jharkhand - East Singhbhum, Saraikela, Khunti, Gumla, Simdega, and West Singhbhum districts.

Chhattisgarh – Balrampur, Jashpur, Surguja, Korba, and Korea districts.

Surface runoff/ Inundation may occur at some fully saturated soils & low-lying areas over Area of Concern (AoC) as shown in map due to expected rainfall occurrence in next 24 hours.



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Table-1

7 Days Rainfall Forecast

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

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

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Fig. 1: Maximum Temperatures Dated 2026-07-26

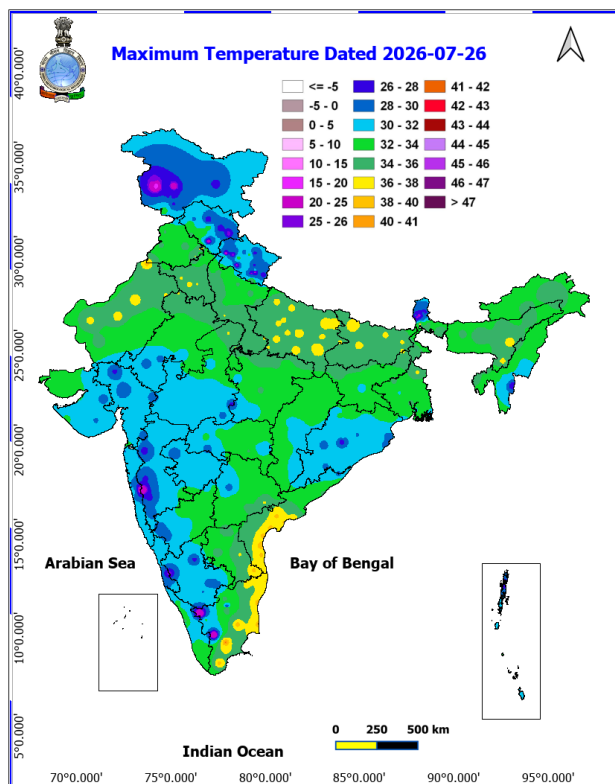


Fig. 2: Departure of Maximum Temp. Dated 2026-07-26

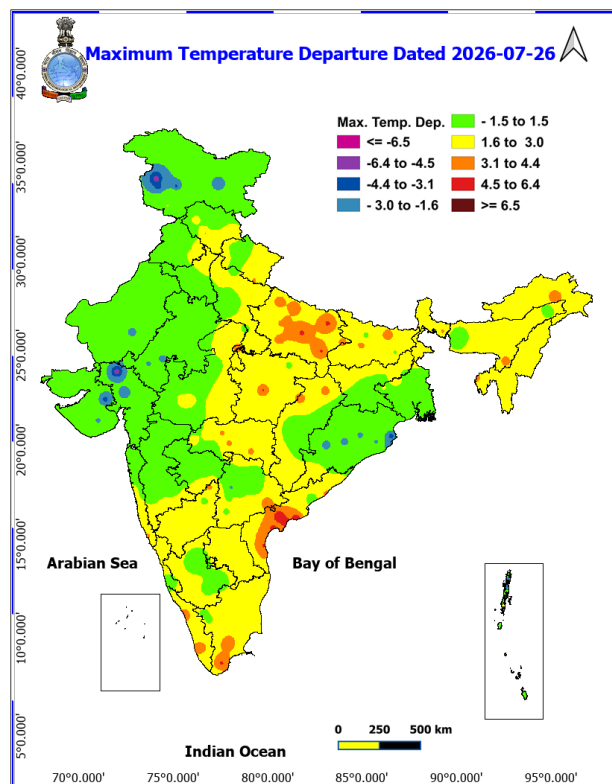


Fig. 3: Minimum Temperatures Dated 2026-07-26

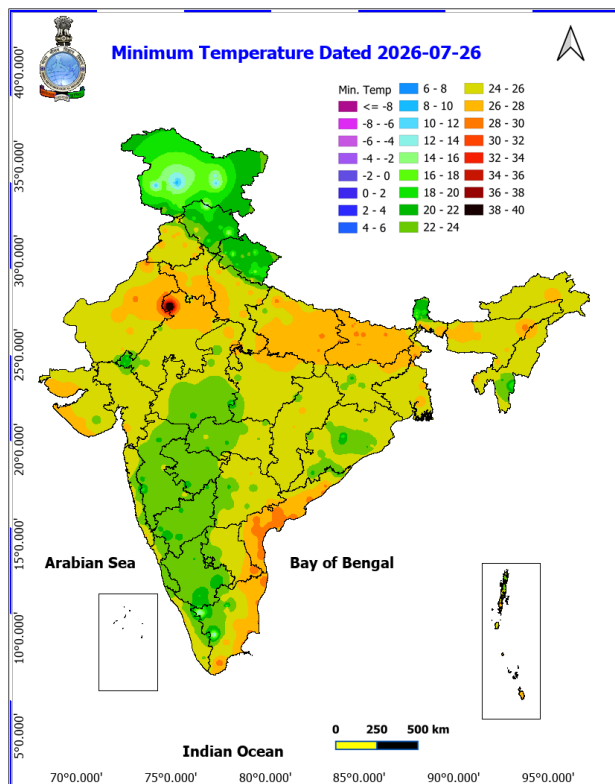
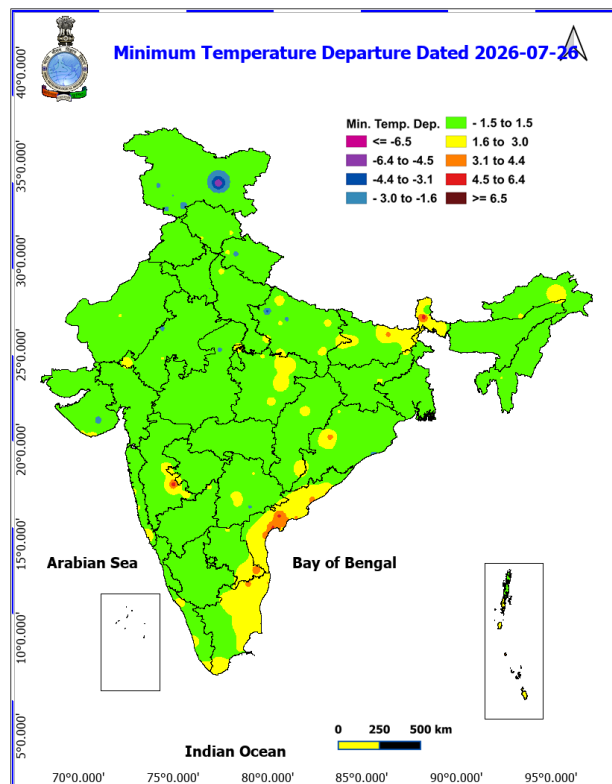
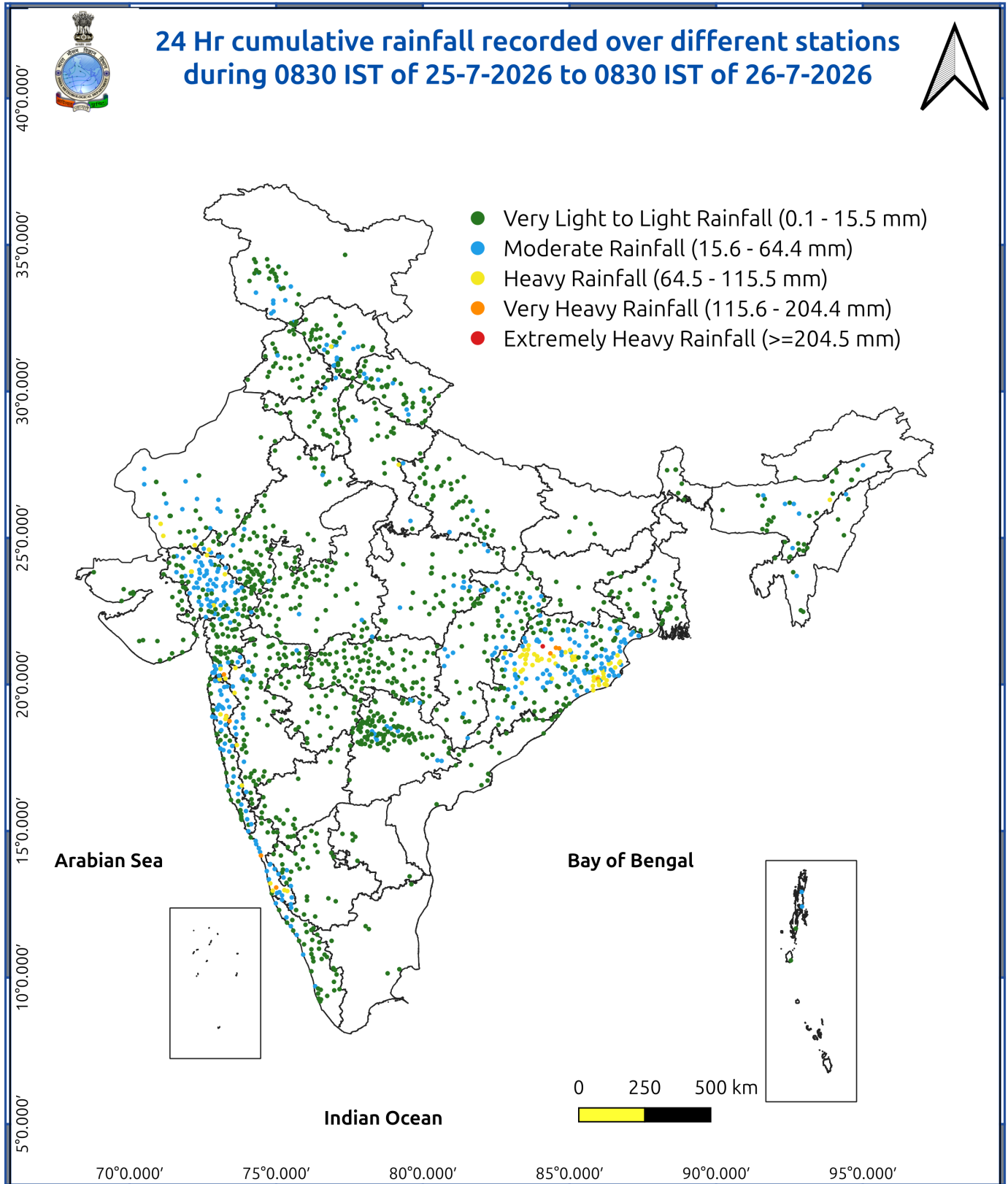


Fig. 4: Departure of Minimum Temp. Dated 2026-07-26





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Impact and Actions

Impact Expected & Action Suggested due to heavy/very heavy/extremely heavy rainfall:

- **Heavy to very heavy rainfall** at few places with extremely heavy rainfall likely at isolated places over Chhattisgarh on 27th July.

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.

Agromet advisories for various parts of the country

Agromet advisories for likely impact of Heavy Rainfall

- In **Odisha**, maintain proper drainage and keep field channels clear in the fields of rice, maize, pulses, oilseed and vegetable to prevent prolonged waterlogging. Postpone irrigation, fertilizer and plant protection operations until field conditions become suitable.
- In **Gangetic West Bengal**, ensure proper drainage in rice nurseries, other standing crops and vegetables fields to prevent waterlogging. Strengthen bunds around rice nurseries. Postpone all field operations until field conditions improve.
- In **Chhattisgarh**, ensure proper drainage to remove excess water from crop fields, nurseries and vegetables. Postpone all field operations until field conditions improve.
- In **Konkan and Goa**, maintain continuous drainage in transplanted rice, turmeric, groundnut, finger millet, porso millet, vegetable fields and orchards. Remove excess rainwater from low-lying areas to prevent prolonged waterlogging.
- In **Madhya Maharashtra**, drain out excess water from rice nurseries, other standing crops and vegetables in ghat areas. Postpone irrigation, fertilizer and plant protection operations until field conditions improve.
- In **Gujarat, Saurashtra & Kutch**, drain out excess rainwater from the field of rice, cotton, pearl millet, maize, groundnut and vegetable fields to prevent prolonged waterlogging.
- In **Coastal Andhra Pradesh**, maintain proper drainage in rice, maize, cotton, black gram, green gram and vegetable fields to prevent waterlogging.
- In **Keralam**, maintain continuous drainage in banana, coconut, cardamom, ginger, black pepper and vegetable fields to prevent prolonged waterlogging.
- In **Coastal Karnataka**, keep field drainage channels clear and maintain continuous drainage in paddy fields, orchards and vegetable fields to prevent prolonged waterlogging.
- In **Vidarbha**, maintain proper drainage in soybean, cotton, pigeon pea, maize and vegetable fields to prevent waterlogging.
- In **Himachal Pradesh**, maintain proper drainage in rice, maize, finger millet, tomato, brinjal, capsicum, chilli and cucumber fields and apple and pear orchards for quick removal of excess rainwater. Harvest mature fruits wherever field conditions permit.

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- In **Uttarakhand**, maintain effective drainage in rice, black gram, barnyard millet, finger millet, tomato and chilli fields to prevent prolonged waterlogging. Harvest mature tomato, French bean and potato wherever field conditions permit, and postpone sowing until field conditions improve.
- In **Jharkhand**, ensure proper drainage in standing crop fields to prevent waterlogging.
- In **Arunachal Pradesh**, maintain proper drainage in rice, maize, soybean and finger millet fields, orchards and low-lying areas to prevent prolonged waterlogging. Harvest mature crops wherever field conditions permit.
- In **Assam**, keep field drainage channels clear and maintain continuous drainage in rice nurseries, jute, sugarcane, soybean, pigeon pea, sesame and vegetable fields to prevent prolonged waterlogging. Provide staking or support to banana, vegetables and other vulnerable crops against strong winds.
- In **Meghalaya**, maintain proper drainage in rice nurseries and fields of maize, cowpea, okra and ginger to prevent prolonged waterlogging. Strengthen nursery bunds and keep drainage channels free from obstruction.
- In **Nagaland, Manipur, Mizoram and Tripura**, ensure proper drainage from soybean, black gram, ginger, turmeric, cole crop and vegetable fields.
- In **Rajasthan**, ensure drainage and remove excess rainwater from low-lying pearl millet, maize, cotton and pulse fields to prevent temporary waterlogging.
- In **Punjab and Haryana**, maintain effective drainage in rice, maize, soybean, pigeon pea and groundnut fields and fruit orchards to prevent waterlogging

Agromet advisories for likely impact of Thunderstorm / Gusty Winds

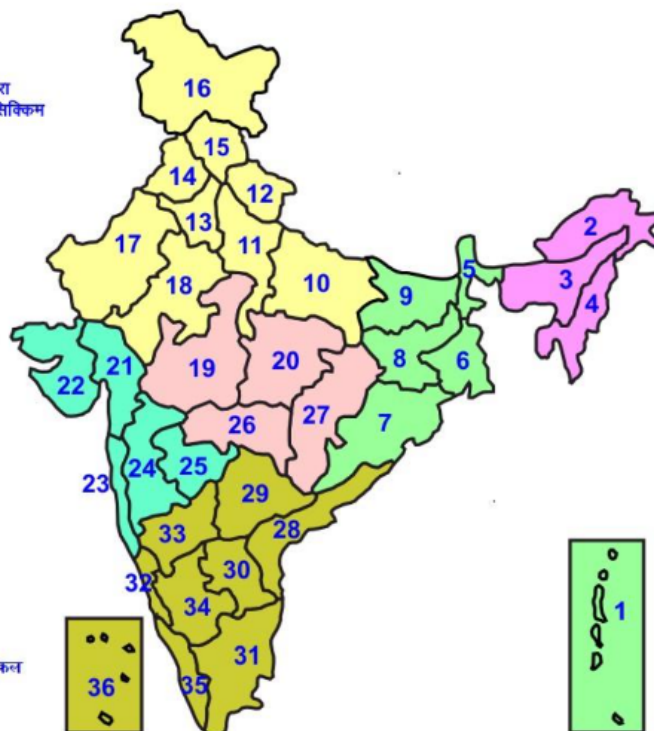
- Shift the harvested produce in safer places or cover the produce with tarpaulin sheets in the fields. Tie the harvested crops securely and cover them to minimize the risk of displacement from strong surface winds.
- Provide mechanical support to horticultural crops and staking or support to vegetables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

Livestock / Poultry / Fisheries

- Keep the animals inside the shed during heavy rainfall and provide them balanced feed.
- Store the feed and fodder in a safe place to prevent spoilage.
- In regions with high temperatures and heat wave conditions, provide clean, cool drinking water to animals, and cover the roofs of poultry sheds with grass to reduce the adverse effects of heat.
- Construct an outlet with proper netting around the ponds to drain excess water, thereby preventing fish from escaping in the event of overflow.

LEGENDS

- 1 अंडमान और निकोबार द्वीप समुह
- 2 अरुणाचल प्रदेश
- 3 असम और मेघालय
- 4 नागालैंड मनीपुर मीजोरम और त्रिपुरा
- 5 उप हिमालय पश्चिम बंगाल एवं सिक्किम
- 6 पश्चिम बंगाल
- 7 ओडिसा
- 8 झारखंड
- 9 बिहार
- 10 पूर्वी उत्तर प्रदेश
- 11 पश्चिम उत्तर प्रदेश
- 12 उत्तराखंड
- 13 हरियाणा चंडीगढ़ 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 मराठावाड़ा
- 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. Marathwada
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 at least 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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