

2026-07-27

Time of Issue: 13:14:00 hours IST
(Mid-Day)

ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN

Significant Weather Features

Weather System:

The **Deep Depression** over Northwest Bay of Bengal and adjoining areas of West Bengal-North Odisha coasts moved very slowly northwards with the speed of 3 kmph during past 6 hours and lay centred at 0830 hrs IST of today, the 27th July 2026, over the same region near latitude 21.4°N and longitude 88.1°E, about 30 km south of Sagar Island (West Bengal), 70 km east-southeast of Digha (West Bengal), 90 km south of Diamond Harbour (West Bengal), 110 km south-southwest of Canning (West Bengal) and 120 km east-southeast of Balasore (Odisha). 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.

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-2nd August.

Fairly Widespread to Widespread rainfall likely over Haryana Chandigarh & Delhi and Punjab during 28th-31st July; West Uttar Pradesh during 28th July-2nd August; East Uttar Pradesh during 27th-29th July and during 1st-2nd August; East Rajasthan during 29th July-2nd August.

Isolated to Scattered rainfall likely over Haryana Chandigarh & Delhi and Punjab on 27th July and during 1st-2nd August; West Uttar Pradesh on 27th July; East Uttar Pradesh during 30th-31st July; West Rajasthan during 27th July-2nd August; East Rajasthan during 27th-28th July.

Isolated **thunderstorm, lightning & gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 27th July-2nd August.

Isolated **thunderstorm, lightning & gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over West Rajasthan during 30th July-2nd August; East Rajasthan during 28th July-2nd August.

Isolated **thunderstorm & lightning** likely over Uttarakhand during 27th July-2nd August; East Rajasthan and West Rajasthan on 27th July.

Isolated **heavy rainfall** likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad on 29th July and during 1st-2nd August; Himachal Pradesh on 27th July and during 1st-2nd August; Uttarakhand and West Rajasthan during 30th July-2nd August; Haryana Chandigarh & Delhi and Punjab on 27th July and during 30th July-2nd August; West Uttar Pradesh on 27th July, on 30th July and during 1st-2nd August; East Uttar Pradesh on 27th July, on 29th July and on 2nd August; East Rajasthan during 28th-29th July and during 1st-2nd August with isolated **very heavy rainfall** also likely over East Rajasthan and Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 30th-31st July; Himachal Pradesh during 28th-31st July; Uttarakhand during 27th-29th July; Haryana Chandigarh & Delhi, Punjab and West Uttar Pradesh during 28th-29th July; East Uttar Pradesh on 28th July.

Central India:

Isolated to Scattered rainfall likely over West Madhya Pradesh on 27th July and during 31st July-2nd August; Vidarbha on 27th July and on 2nd August.

Fairly Widespread to Widespread rainfall likely over West Madhya Pradesh during 28th-30th July; Chhattisgarh and East Madhya Pradesh during 27th July-2nd August; Vidarbha during 28th July-1st August.

Isolated **thunderstorm, lightning & gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over

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West Madhya Pradesh during 27th-31st July; East Madhya Pradesh during 27th-28th July.

Isolated **thunderstorm & lightning** likely over Vidarbha during 27th-29th July; Chhattisgarh during 27th-31st July.

Isolated **heavy rainfall** likely over West Madhya Pradesh on 28th July and during 30th July-1st August; East Madhya Pradesh during 27th-28th July and on 31st July; Vidarbha on 27th July and on 30th July; Chhattisgarh during 29th July-2nd August with isolated **very heavy rainfall** also likely over West Madhya Pradesh on 29th July; East Madhya Pradesh during 29th-30th July; Vidarbha during 28th-29th July; Chhattisgarh during 27th-28th July.

East India:

Fairly Widespread to Widespread rainfall likely over Andaman & Nicobar Islands, Gangetic West Bengal and Sub-Himalayan West Bengal & Sikkim during 27th July-2nd August; Jharkhand during 27th-29th July and during 1st-2nd August; Bihar on 27th July and during 30th July-2nd August; Odisha during 27th-28th July and during 1st-2nd August.

Isolated to Scattered rainfall likely over Jharkhand during 30th-31st July; Bihar during 28th-29th July; Odisha during 29th-31st July.

Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Andaman & Nicobar Islands during 27th July-2nd August; Gangetic West Bengal during 27th-28th July; Odisha during 28th-29th July.

Isolated **thunderstorm & lightning** likely over Jharkhand during 27th-31st July.

Isolated **heavy rainfall** likely over Sub-Himalayan West Bengal & Sikkim during 27th July-2nd August; Gangetic West Bengal and Jharkhand on 28th July; Bihar on 27th July and during 29th-30th July; Odisha on 27th July and during 1st-2nd August with isolated **very heavy rainfall** also likely over Gangetic West Bengal and Jharkhand on 27th July; Odisha on 28th July.

Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph) likely over Odisha on 27th July.

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

Northeast India:

Isolated to Scattered rainfall likely over Arunachal Pradesh during 27th-28th July; Assam & Meghalaya on 27th July; Nagaland, Manipur, Mizoram & Tripura during 1st-2nd August.

Fairly Widespread to Widespread rainfall likely over Arunachal Pradesh during 29th July-2nd August; Assam & Meghalaya during 28th July-2nd August; Nagaland, Manipur, Mizoram & Tripura during 27th-31st July.

Isolated **thunderstorm & lightning** likely over Arunachal Pradesh during 27th-29th July; Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during 27th-31st July.

Isolated **heavy rainfall** likely over Arunachal Pradesh during 29th July-2nd August; Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during 27th July-2nd August.

West India:

Fairly Widespread to Widespread rainfall likely over Konkan & Goa and Madhya Maharashtra during 27th July-2nd August; Marathwada during 27th-31st July; Gujarat Region during 27th-28th July and during 31st July-2nd August; Saurashtra & Kutch on 27th July and during 1st-2nd August.

Isolated to Scattered rainfall likely over Marathwada during 1st-2nd August; Gujarat Region during 29th-30th July; Saurashtra & Kutch during 28th-31st July.

Isolated **thunderstorm & lightning** likely over Konkan & Goa on 27th July and on 31st July; Madhya Maharashtra and Marathawada during 27th-30th July; Gujarat Region during 27th July-1st August; Saurashtra & Kutch during 27th-31st July.

Isolated **heavy rainfall** likely over Konkan & Goa during 28th July-2nd August; Madhya Maharashtra during 1st-2nd August; Gujarat Region during 28th-29th July; Saurashtra & Kutch during 30th July-2nd August with isolated **very heavy rainfall** also likely over Konkan & Goa on 27th July; Madhya Maharashtra during 27th-28th July and during 30th-31st July; Gujarat Region on 27th July and during 30th July-2nd August.

South Peninsular India:

Isolated to Scattered rainfall likely over Coastal Andhra Pradesh & Yanam, Rayalaseema and Tamil Nadu, Puducherry & Karaikal during 27th July-2nd August; North Interior Karnataka during 30th July-2nd August; South Interior Karnataka on 27th July and during 29th July-2nd August; Telangana during 28th July-2nd August.

Fairly Widespread to Widespread rainfall likely over Coastal Karnataka, Kerala & Mahe and Lakshadweep during 27th July-2nd August; North Interior Karnataka during 27th-29th July; South Interior Karnataka on 28th July; Telangana on 27th July.

Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Kerala & Mahe during 27th-28th July; Coastal Karnataka, North Interior Karnataka and South Interior Karnataka during 27th-29th July; Coastal Andhra Pradesh & Yanam during 28th-30th July, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Tamil Nadu, Puducherry & Karaikal during 27th-29th July; Coastal Karnataka, North Interior Karnataka and South Interior Karnataka during 30th-31st July; Telangana during 27th-31st July.

Isolated **heavy rainfall** likely over Tamil Nadu, Puducherry & Karaikal during 30th July-1st August; Kerala & Mahe during 27th July-2nd August; Coastal Karnataka during 31st July-2nd August; North Interior Karnataka during 27th-31st July; South Interior Karnataka on 27th July and during 29th July-1st August; Coastal Andhra Pradesh & Yanam and Telangana during 27th-29th July with isolated **very heavy rainfall** also likely over Coastal Karnataka during 27th-30th July; South Interior Karnataka on 28th 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 Coastal Karnataka, Kerala & Mahe, North Interior Karnataka and Telangana during 27th-31st July; South Interior Karnataka during 27th July-1st August.

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

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

Main Weather Observations:

❖ **Rainfall distribution** (from 0830 hours IST of yesterday to 0830 hours IST of today): **at most places** over Odisha, Gujarat Region, Konkan & Goa, Telangana, Coastal Karnataka and Kerala & Mahe; **at many places** over Nagaland, Manipur, Mizoram & Tripura, Sub Himalayan West Bengal & Sikkim, Gangetic West Bengal, Madhya Maharashtra, Marathwada, Vidarbha, Chhattisgarh, Coastal Andhra Pradesh & Yanam, South Interior Karnataka and Lakshadweep; **at a few places** over Andaman & Nicobar Islands, Assam & Meghalaya, Jharkhand, Uttarakhand, Himachal Pradesh, West Rajasthan, East Madhya Pradesh, Saurashtra & Kutch and North Interior Karnataka; **at isolated places** over Arunachal Pradesh, Bihar, East Uttar Pradesh, West Uttar Pradesh, Haryana-Chandigarh-Delhi, Punjab, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, East Rajasthan, West Madhya Pradesh, Rayalaseema and Tamil Nadu, Puducherry & Karaikal;

❖ **Significant rainfall recorded(in cm)** (from 0830 hours IST of yesterday to 0830 hours IST of today): **Odisha:** Banki (dist Cuttack) 19; Athgarh (dist Cuttack) 17; Sonepur (dist Sonepur), Kendrapada PTO (dist Kendrapara) 13 Each; Khairamal (dist Boudhgarh) 11; Rajnagar (dist Kendrapara), Jatni (dist Khurda) 10 Each; Satyabadi (dist Puri), Mundali (dist Cuttack) 8 Each; Ullunda (dist Sonepur), Barpalli (dist Bargarh), Kantamal (dist Boudhgarh), Binika (dist Sonepur), Dunguripalli (dist Sonepur), Agalpur (dist Bolangir), Gop (dist Puri), Deogaon (dist Bolangir), Salebhatta (dist Bolangir) 7 Each; Pipili (dist Puri), Pattamundai (dist Kendrapara), Naraj (dist Cuttack), Tiring (dist Mayurbhanj), Jajpur (dist Jajpur), Betanati (dist Mayurbhanj), Gudvela (dist Bolangir), Jajpur PTO (dist Jajpur), Khordha PTO (dist Khurda) 6 Each; **Madhya Maharashtra:** Igatpuri (dist Nashik) 14; Peth (dist Nashik) 11; Gaganbawada (dist Kolhapur) 9; Dindori (dist Nashik) 8; Mahabaleshwar (dist Satara), Radhanagari (dist Kolhapur) 6 Each; **Himachal Pradesh:** Kandaghat (dist Solan) 11; **Gujarat Region:** Kaprada (dist Valsad) 10; Deesa (dist Banaskantha) 9; Nanipalson (dist Valsad) 6; **East Rajasthan:** Abu Road SR (dist Sirohi) 9; **Konkan & Goa:** Matheran (dist Raigad), Sanguem (dist South Goa), Vikramgad (dist Palghar), Mapusa (dist North Goa) 8 Each; Quepem (dist South Goa) 7; Thane (dist Thane), Sudhagad Pali (dist Raigad), Ratnagiri (dist Ratnagiri), Pernem (dist North Goa), Jawhar (dist Palghar), Dodamarg (dist Sindhudurg), Kankavli (dist Sindhudurg), Panjim (dist North Goa) 6 Each; **West Rajasthan:** Santhore (dist Jalore) 8; **Chhattisgarh:** Navagarh (dist Janjgir) 8; Pithora (dist Mahasamund), Bhatgaon (dist Sarangarh Bilaigarh) 7 Each; Saraipali (dist Mahasamund), Bilaigarh (dist Sarangarh Bilaigarh) 6 Each; **Coastal Andhra Pradesh & Yanam:** Eluru (dist Eluru) 7; **Telangana:** Mominpet (dist Vikarabad), Yellareddy (dist Kamareddy), Sangareddy (dist Sangareddy) 7 Each; Kandi AP (dist Sangareddy) 6; **Coastal Karnataka:** Kollur (dist Udupi) 7; **Sub Himalayan West Bengal & Sikkim:** Sankos Tea Estate (dist Alipurduar) 7; Kumargram (dist Alipurduar) 6; **Punjab:** Ghanauli (dist Rupnagar) 6; **Bihar:** Basua (dist Supaul) 6; **Jharkhand:** Tantanagar (dist West Singhbhum) 6; **Andaman & Nicobar Islands:** Maya Bandar (dist North & Middle Andaman) 6.

❖ **Heavy Rainfall observed** (from 0830 hours IST of yesterday to 0830 hours IST of today): **Extremely heavy rainfall** has been recorded at isolated places over Madhya Maharashtra; **Heavy to very heavy rain** at isolated places over Odisha; **Heavy rain** at isolated places over Sub Himalayan West Bengal & Sikkim, Himachal Pradesh, West Rajasthan, East Rajasthan, Gujarat Region, Konkan & Goa, Chhattisgarh, Coastal Andhra Pradesh & Yanam, Telangana and Coastal Karnataka.

❖ **Minimum Temperature Departures (as on 27-07-2026):** **markedly above normal(> 5.1°C)** at few places over East Madhya Pradesh; at isolated places over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Sub Himalayan West Bengal & Sikkim, Bihar, East Uttar Pradesh, West Uttar Pradesh, Himachal Pradesh, West Madhya Pradesh, Saurashtra & Kutch and Madhya Maharashtra. **appreciably above normal(3.1°C to 5.0°C)** at few places over Andaman & Nicobar Islands; at isolated places over Haryana-Chandigarh-Delhi, East Rajasthan, Coastal Andhra Pradesh & Yanam, Rayalaseema and Tamil Nadu, Puducherry & Karaikal. **above normal(1.6°C to 3.0°C)** at many places over Uttarakhand, Punjab, Chhattisgarh and Lakshadweep; at few places over Vidarbha and Kerala & Mahe; at isolated places over Odisha, Gujarat Region, Marathwada and Telangana. **near normal(-1.5°C to 1.5°C)** at many places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad; at most places over Arunachal Pradesh, Gangetic West Bengal, Jharkhand, West Rajasthan, Konkan & Goa, Coastal Karnataka, North Interior Karnataka and South Interior Karnataka. **The lowest minimum temperature** of 18.2°C was reported at BOUDH (ORISSA) over the Plains of India.

❖ **Maximum Temperature Departures (as on 26-07-2026):** **appreciably above normal(3.1°C to 5.0°C)** at most places over Himachal Pradesh; at few places over Tamil Nadu, Puducherry & Karaikal. **near normal(-1.5°C to 1.5°C)** at many places over Coastal Andhra Pradesh & Yanam; at most places over West Uttar Pradesh and Konkan & Goa; at few places over East Uttar Pradesh. **The highest maximum temperature** of 40.5°C was reported at MADURAI (A) (TAMIL NADU).

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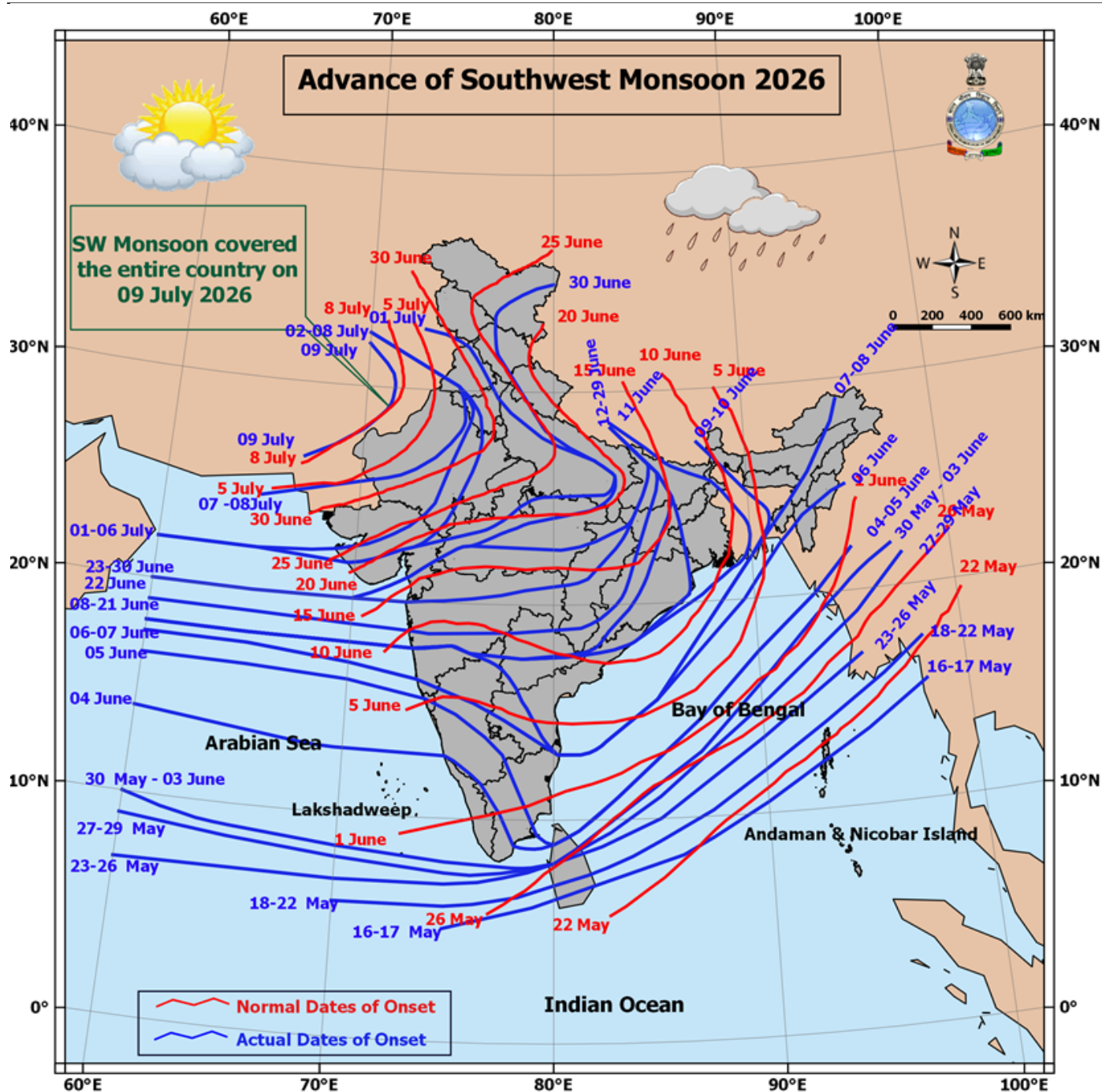
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Meteorological Analysis (Based on 0830 hours IST)

- The **Deep Depression** over Northwest Bay of Bengal and adjoining areas of West Bengal-North Odisha coasts moved very slowly northwards with the speed of 3 kmph during past 6 hours and lay centred at 0830 hrs IST of today, the 27th July 2026, over the same region near latitude 21.4°N and longitude 88.1°E, about 30 km south of Sagar Island (West Bengal), 70 km east-southeast of Digha (West Bengal), 90 km south of Diamond Harbour (West Bengal), 110 km south-southwest of Canning (West Bengal) and 120 km east-southeast of Balasore (Odisha). 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 **Monsoon trough** at mean sea level continue to pass 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.
- The **upper air cyclonic circulation** over Southwest Rajasthan & neighbourhood extending upto 3.1 km above mean sea level persists.
- A **trough** runs from cyclonic circulation over Southwest Rajasthan & neighbourhood to cyclonic circulation associated with **Deep Depression** over Northwest Bay of Bengal and adjoining areas of West Bengal-North Odisha coasts across Madhya Pradesh, Chhattisgarh and Jharkhand at 3.1 km above mean sea level.
- An **upper air cyclonic circulation** lies over Northern parts of Central Uttar Pradesh & neighbourhood and extends upto 1.5 km above mean sea level.
- An **upper air cyclonic circulation** lies over Eastcentral Arabian sea and adjoining Konkan coast at 5.8 km above mean sea level.
- The **east-west shear zone** roughly along 23°N Lat. across central India between 4.5 & 5.8 km above mean sea level has become less marked.

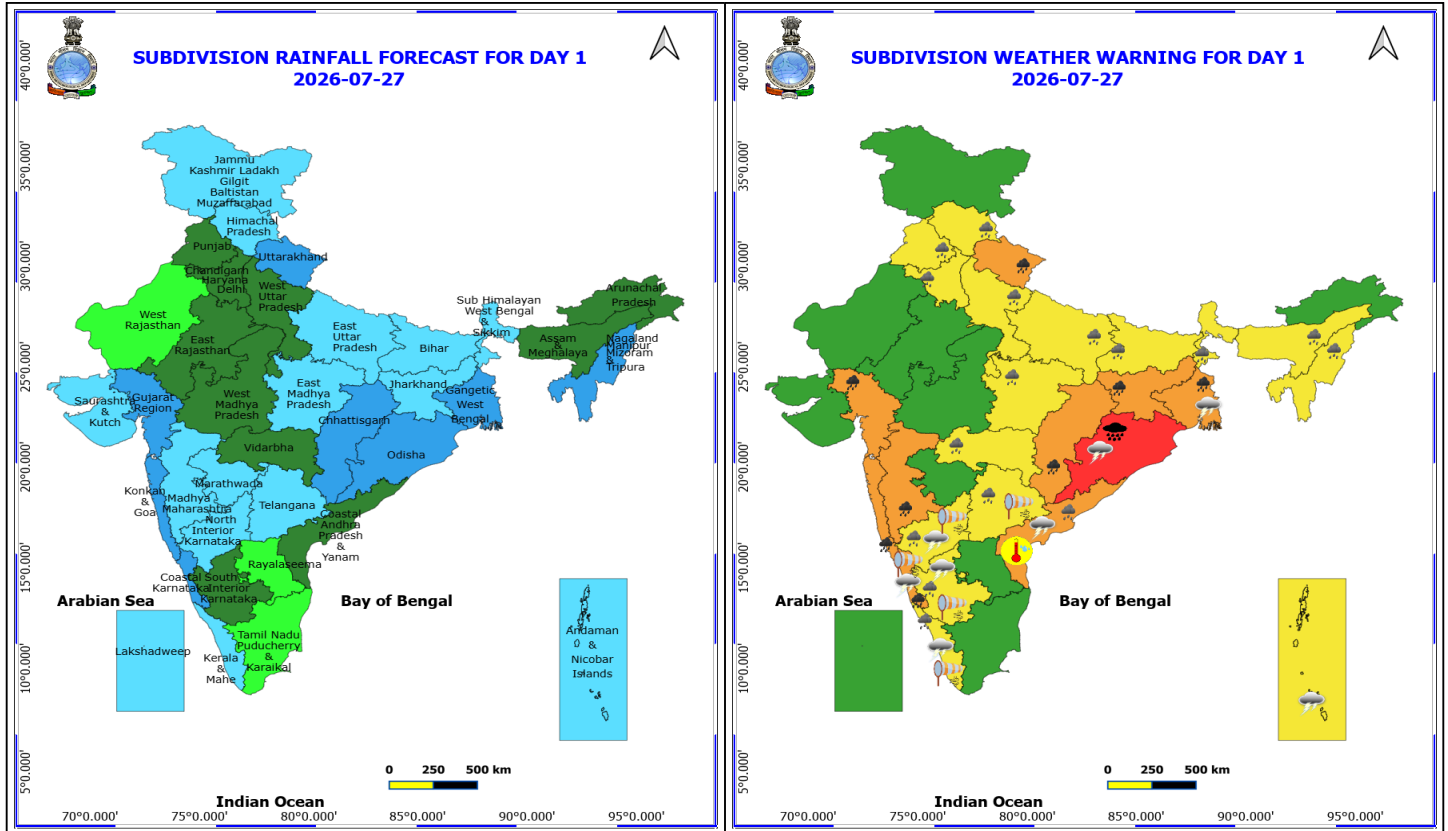


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27 July (Day 1)

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

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

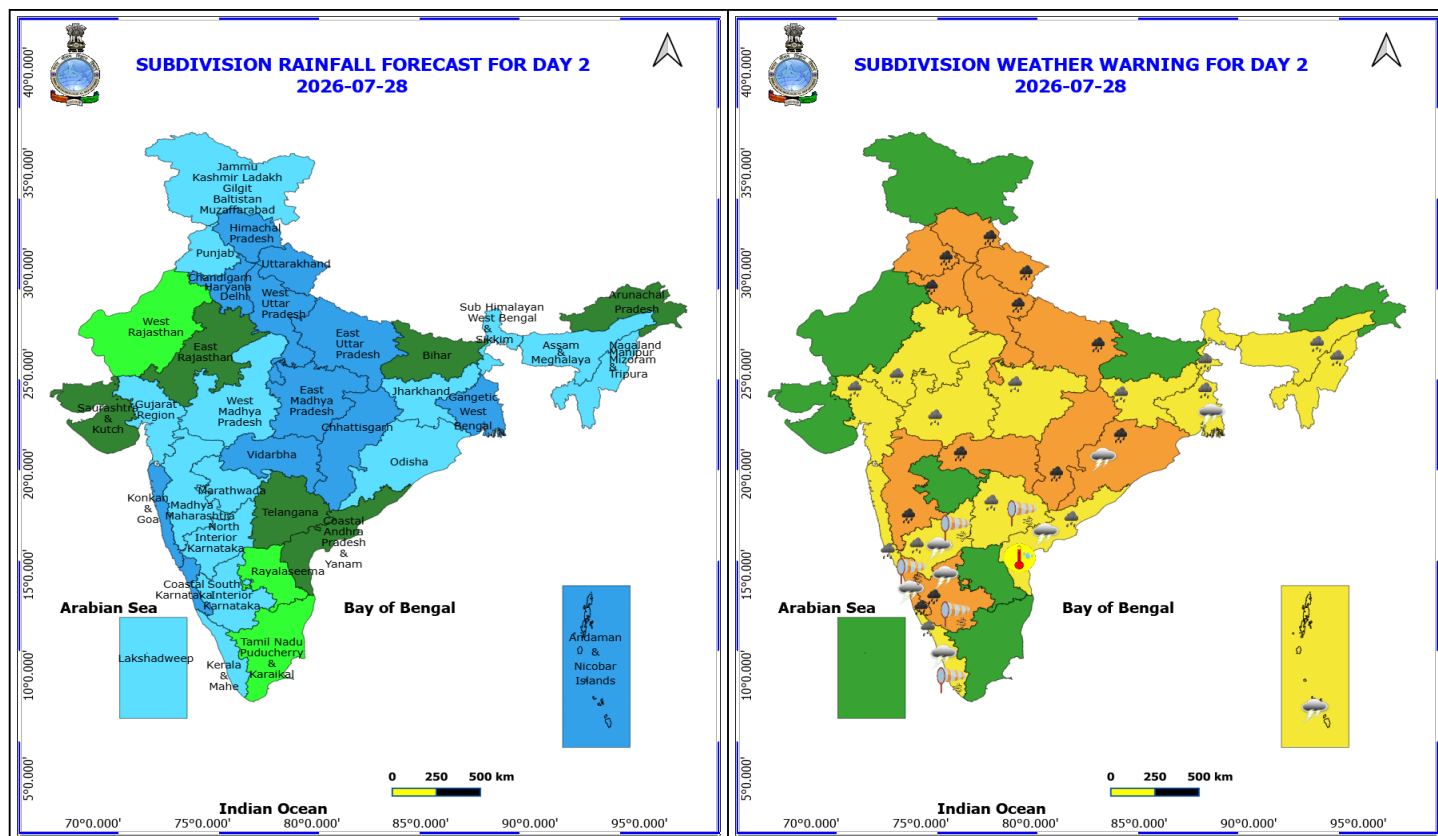
❖ Arabian Sea: Squally wind with speed 45-55 kmph gusting to 65 kmph is likely to prevail over most parts of westcentral adjoining some parts of east central and southwest Arabian Sea and along and off Somalia and Oman Coasts.

❖ 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, Coastal Karnataka, Haryana, Chandigarh & Delhi, Himachal Pradesh, Madhya Maharashtra, Odisha, Punjab, South Interior Karnataka, Uttar Pradesh, Uttarakhand and Vidarbha.
- ❖ **Heavy Rainfall** very likely at isolated places over Assam & Meghalaya, Coastal Andhra Pradesh, East Rajasthan, Gujarat Region, Jharkhand, Kerala & Mahe, Konkan & Goa, Madhya Pradesh, Nagaland, Manipur, Mizoram and Tripura, North Interior Karnataka, Telangana and West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Andaman & Nicobar Islands, Coastal Andhra Pradesh, Gangetic West Bengal, Karnataka, Kerala & Mahe and Odisha.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over East Rajasthan, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Madhya Pradesh, Tamil Nadu Puducherry & Karaikal and Telangana.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Gujarat State, Jharkhand, Maharashtra, Nagaland, Manipur, Mizoram and Tripura and Uttarakhand.
- ❖ **Strong Surface Winds** very likely at isolated places over Karnataka, Kerala & Mahe 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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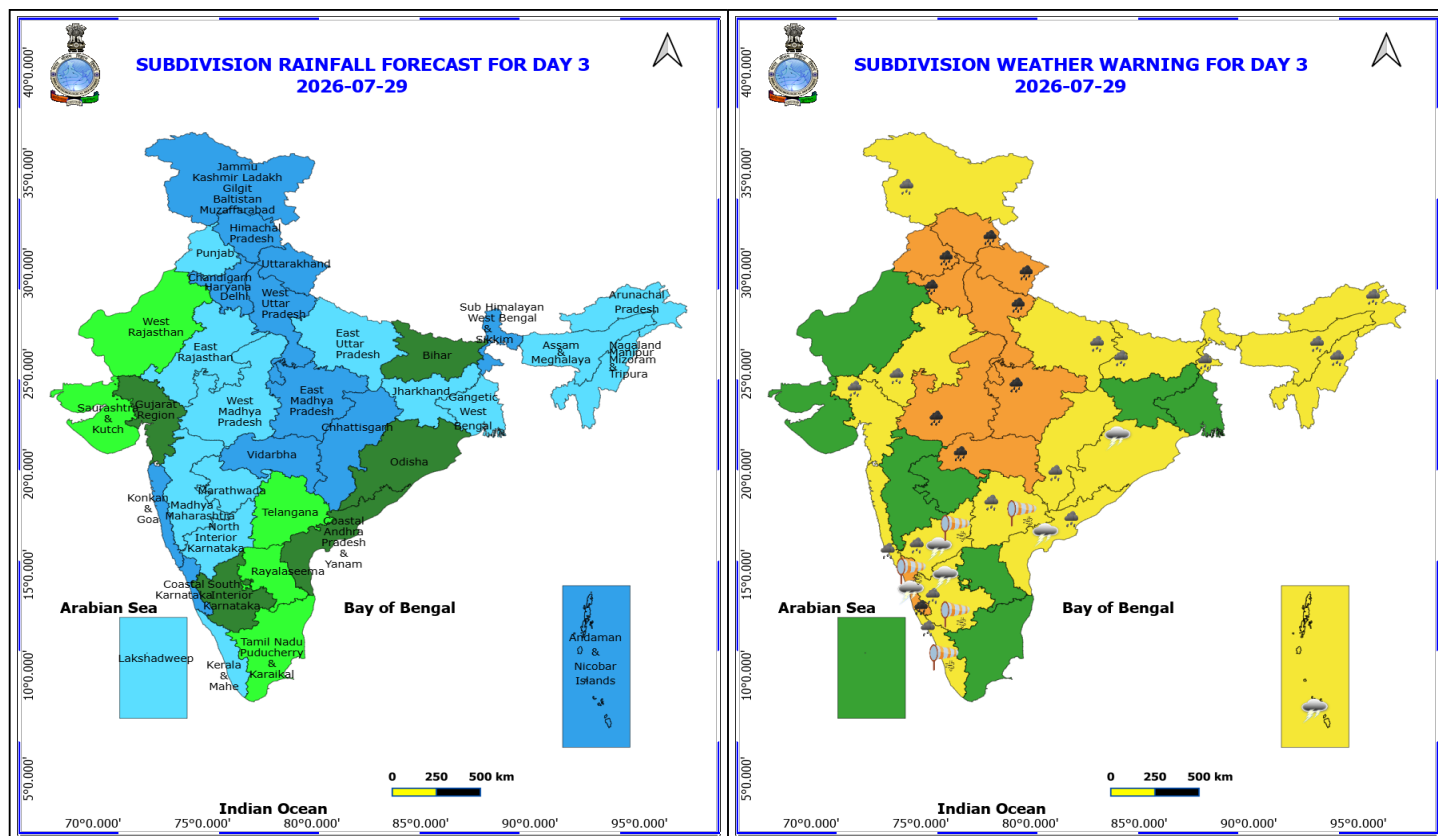
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- ❖ Squally Weather with wind speed 40-50 kmph gusting to 60 kmph is likely to prevail along and off south Gujarat and Konkan & Goa coasts adjoining northeast & east central Arabian Sea.
- ❖ Bay of Bengal: Squally weather with wind speed 55-65 kmph 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 Coastal Karnataka, Haryana, Chandigarh & Delhi, Himachal Pradesh, Madhya Pradesh, Punjab, Uttarakhand, Vidarbha and West Uttar Pradesh.
- ❖ **Heavy Rainfall** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Bihar, Chhattisgarh, Coastal Andhra Pradesh, East Rajasthan, East Uttar Pradesh, Gujarat Region, Interior Karnataka, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Kerala & Mahe, Konkan & Goa, Nagaland, Manipur, Mizoram and Tripura, Sub Himalayan West Bengal & Sikkim and Telangana.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Andaman & Nicobar Islands, Coastal Andhra Pradesh, Karnataka and Odisha.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over East Rajasthan, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Tamil Nadu Puducherry & Karaikal, Telangana and West Madhya Pradesh.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Gujarat State, Jharkhand, Maharashtra, Nagaland, Manipur, Mizoram and Tripura and Uttarakhand.
- ❖ **Strong Surface Winds** very likely at isolated places over Karnataka, Kerala & Mahe 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

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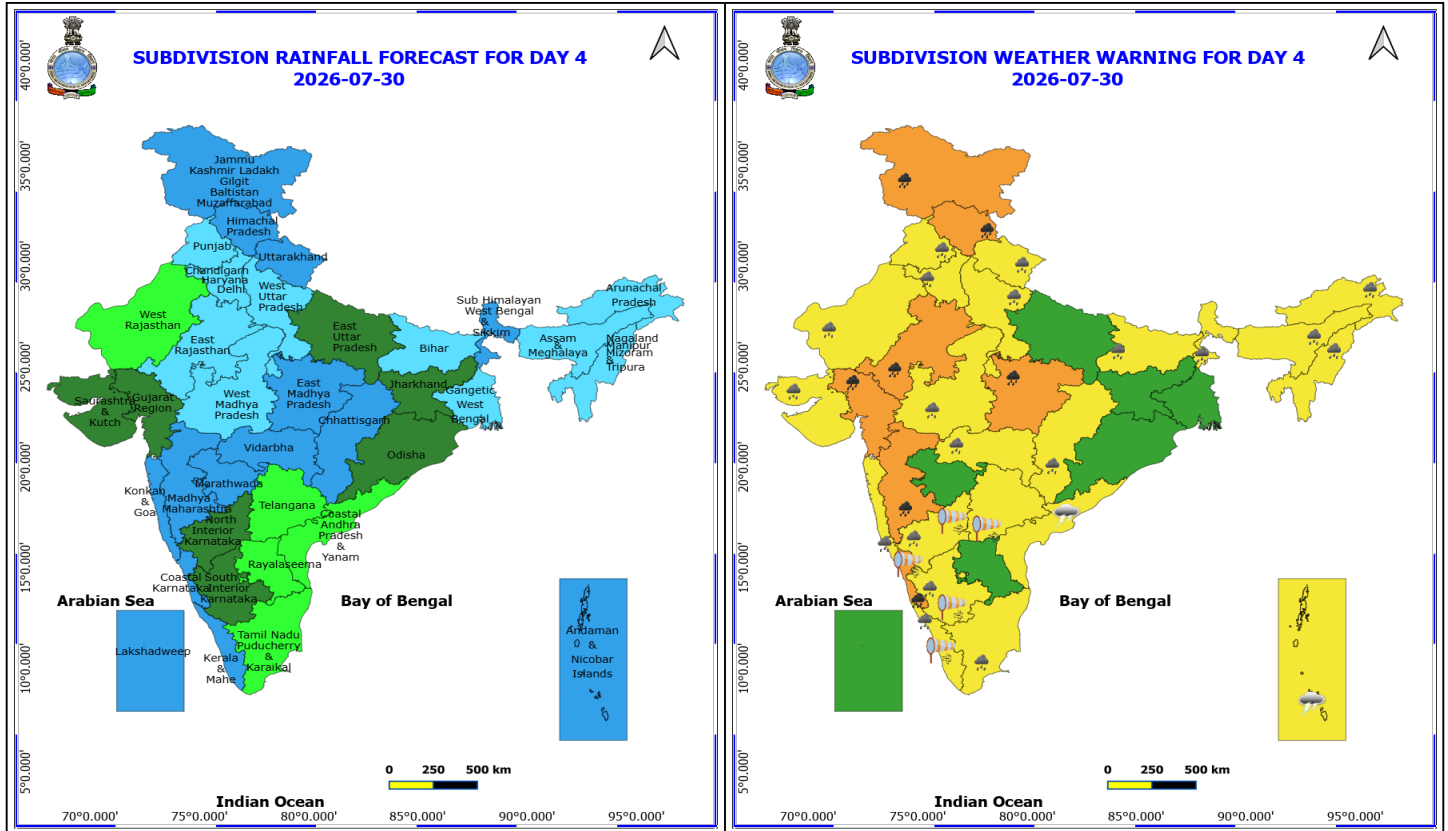
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Mannar and adjoining parts of southwest Bay of Bengal.



30 July (Day 4)

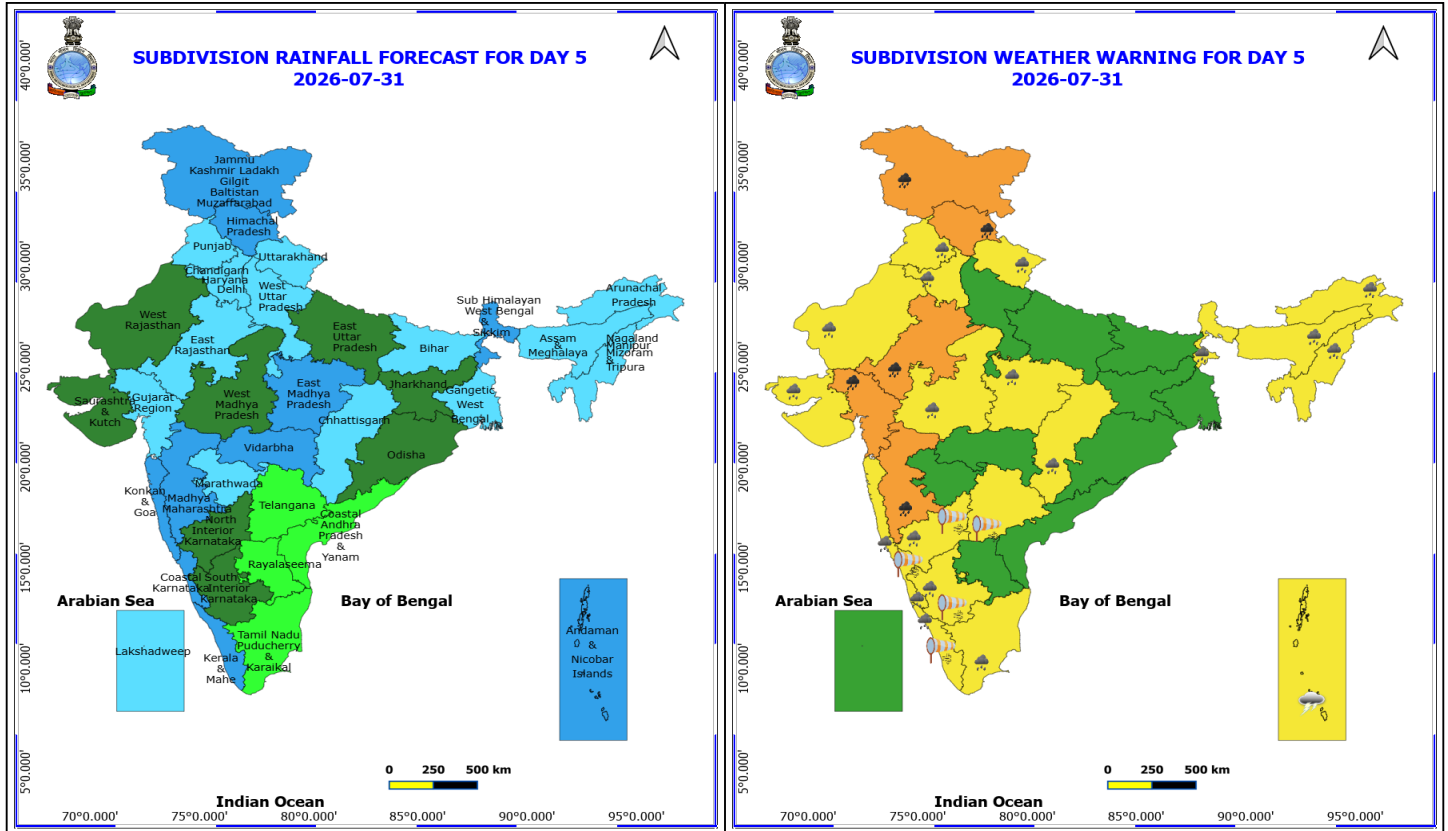
- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Coastal Karnataka, East Madhya Pradesh, East Rajasthan, Gujarat Region, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Madhya Maharashtra.
- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Bihar, Chhattisgarh, Haryana, Chandigarh & Delhi, Interior Karnataka, Kerala & Mahe, Konkan & Goa, Nagaland, Manipur, Mizoram and Tripura, Punjab, Saurashtra & Kutch, Sub Himalayan West Bengal & Sikkim, Tamil Nadu Puducherry & Karaikal, Uttarakhand, Vidarbha, West Madhya Pradesh, West Rajasthan and West Uttar Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands and Coastal Andhra Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Karnataka, Rajasthan, Telangana and West Madhya Pradesh.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Assam & Meghalaya, Chhattisgarh, Gujarat State, Jharkhand, Madhya Maharashtra, Marathwada, Nagaland, Manipur, Mizoram and Tripura and Uttarakhand.
- ❖ **Strong Surface Winds** likely at isolated places over Karnataka, Kerala & Mahe 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)

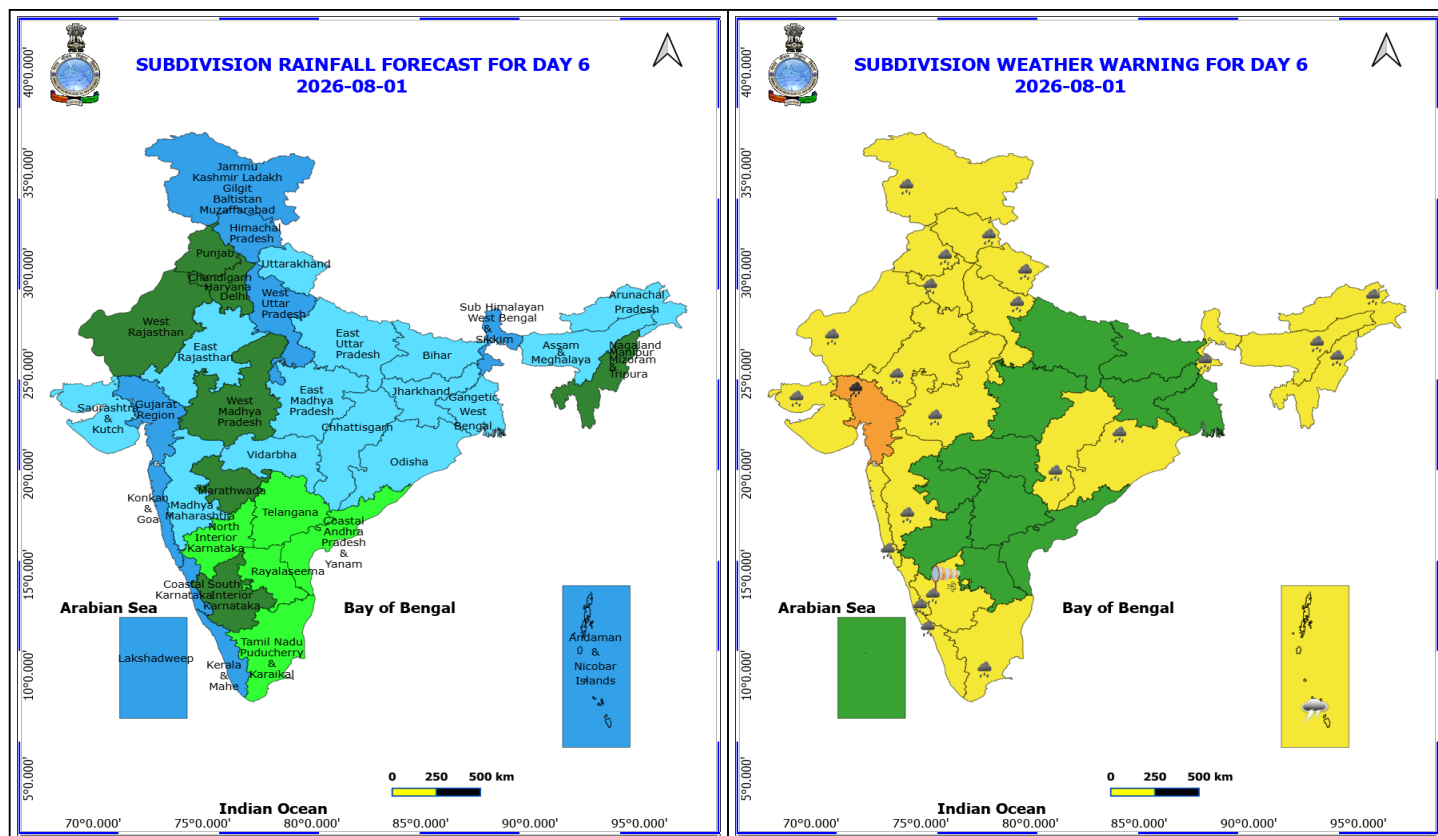
- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over East Rajasthan, Gujarat Region, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Madhya Maharashtra.
- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Haryana, Chandigarh & Delhi, Karnataka, Kerala & Mahe, Konkan & Goa, Madhya Pradesh, Nagaland, Manipur, Mizoram and Tripura, Punjab, Saurashtra & Kutch, Sub Himalayan West Bengal & Sikkim, Tamil Nadu Puducherry & Karaikal, Uttarakhand and West Rajasthan.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Karnataka, Rajasthan, Telangana and West Madhya Pradesh.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Assam & Meghalaya, Chhattisgarh, Gujarat State, Jharkhand, Konkan & Goa, Nagaland, Manipur, Mizoram and Tripura and Uttarakhand.
- ❖ **Strong Surface Winds** likely at isolated places over Karnataka, Kerala & Mahe 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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1 August (Day 6)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Gujarat Region.
- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Coastal Karnataka, Haryana, Chandigarh & Delhi, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Kerala & Mahe, Konkan & Goa, Madhya Maharashtra, Nagaland, Manipur, Mizoram and Tripura, Odisha, Punjab, Rajasthan, Saurashtra & Kutch, South Interior Karnataka, Sub Himalayan West Bengal & Sikkim, Tamil Nadu Puducherry & Karaikal, Uttarakhand, West Madhya Pradesh and West Uttar Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Rajasthan.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Gujarat Region and Uttarakhand.
- ❖ **Strong Surface Winds** likely at isolated places over South Interior Karnataka.

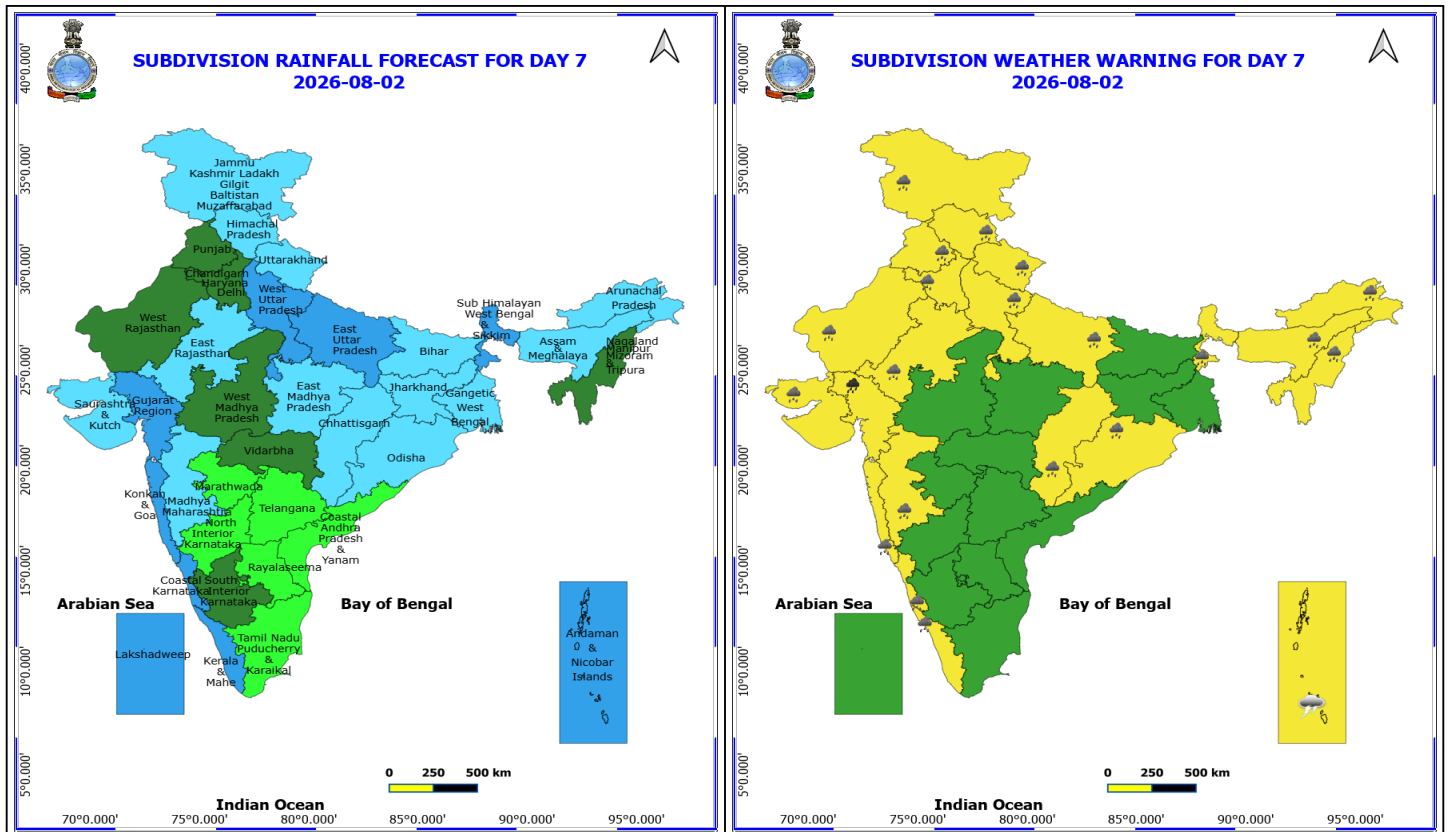
No Fishermen Warning

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2 August (Day 7)

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

No Fishermen Warning

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Flash Flood Warnings

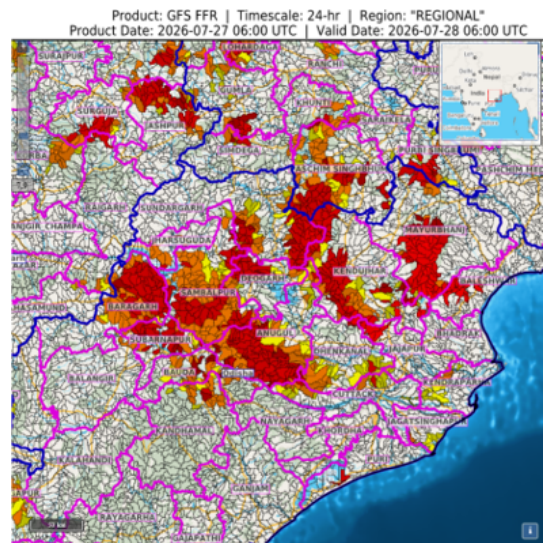
Low to Moderate flash flood risk likely over few watersheds & neighbourhoods of following Met Sub-divisions during next 24 hours.

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

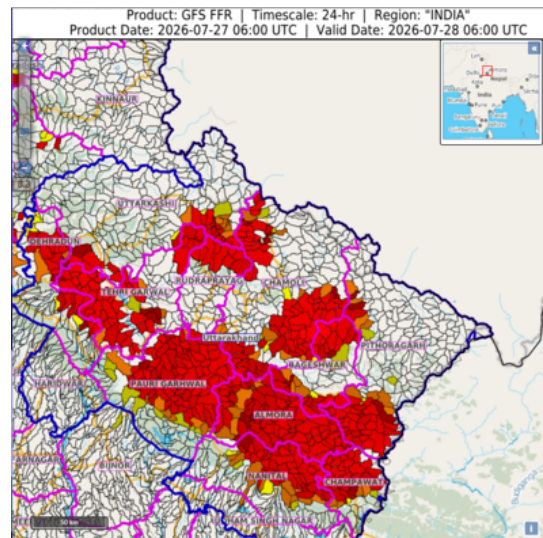


24hoursOutlookfortheFlashFloodRisk (FFR) till 1130 IST of 28-07-2026 :

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

Uttarakhand – Almora, Chamoli, Champawat, Dehradun, Uttarkashi, Rudraprayag, Tehri Garwal, Pauri Garwal, Bageshwar, Nainital 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	FWS	FWS	FWS
3	ASSAM & MEHGHALAYA	SCT	FWS	FWS	FWS	FWS	FWS	FWS
4	N. M. M. & T.	WS	FWS	FWS	FWS	FWS	SCT	SCT
5	S.H. WEST BENGAL & SIKKIM	FWS	FWS	WS	WS	WS	WS	WS
6	GANGETIC WEST BENGAL	WS	WS	FWS	FWS	FWS	FWS	FWS
7	ODISHA	WS	FWS	SCT	SCT	SCT	FWS	FWS
8	JHARKHAND	FWS	FWS	FWS	SCT	SCT	FWS	FWS
9	BIHAR	FWS	SCT	SCT	FWS	FWS	FWS	FWS
10	EAST UTTAR PRADESH	FWS	WS	FWS	SCT	SCT	FWS	WS
11	WEST UTTAR PRADESH	SCT	WS	WS	FWS	FWS	WS	WS
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	FWS	WS	WS	WS	WS	WS	FWS
16	JAMMU AND KASHMIR AND LADAKH	FWS	FWS	WS	WS	WS	WS	FWS
17	WEST RAJASTHAN	ISOL	ISOL	ISOL	ISOL	SCT	SCT	SCT
18	EAST RAJASTHAN	SCT	SCT	FWS	FWS	FWS	FWS	FWS
19	WEST MADHYA PRADESH	SCT	FWS	FWS	FWS	SCT	SCT	SCT
20	EAST MADHYA PRADESH	FWS	WS	WS	WS	WS	FWS	FWS
21	GUJRAT REGION	WS	FWS	SCT	SCT	FWS	WS	WS
22	SAURASHTRA & KUTCH	FWS	SCT	ISOL	SCT	SCT	FWS	FWS
23	KONKAN & GOA	WS	WS	WS	WS	WS	WS	WS
24	MADHYA MAHARASHTRA	FWS	FWS	FWS	WS	WS	FWS	FWS
25	MARATHWADA	FWS	FWS	FWS	WS	FWS	SCT	ISOL
26	VIDARBHA	SCT	WS	WS	WS	WS	FWS	SCT
27	CHATTISGARH	WS	WS	WS	WS	FWS	FWS	FWS
28	COASTAL ANDHRA PRADESH	SCT	SCT	SCT	ISOL	ISOL	ISOL	ISOL
29	TELANGANA	FWS	SCT	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	FWS	FWS	FWS	SCT	SCT	ISOL	ISOL
34	SOUTH INTERIOR KARNATAKA	SCT	FWS	SCT	SCT	SCT	SCT	SCT
35	KERALA	FWS	FWS	FWS	WS	WS	WS	WS
36	LAKSHDWEEP	FWS	FWS	FWS	WS	FWS	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

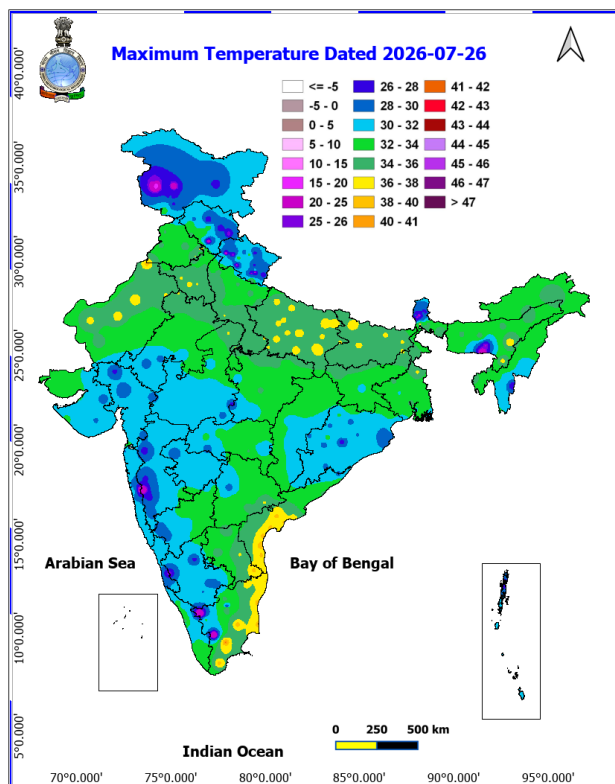


Fig. 2: Departure of Maximum Temp. Dated 2026-07-26

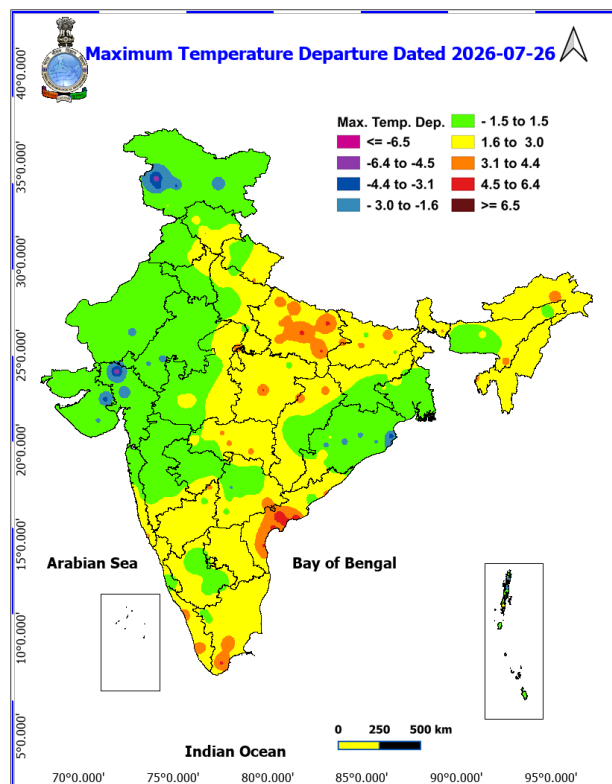


Fig. 3: Minimum Temperatures Dated 2026-07-27

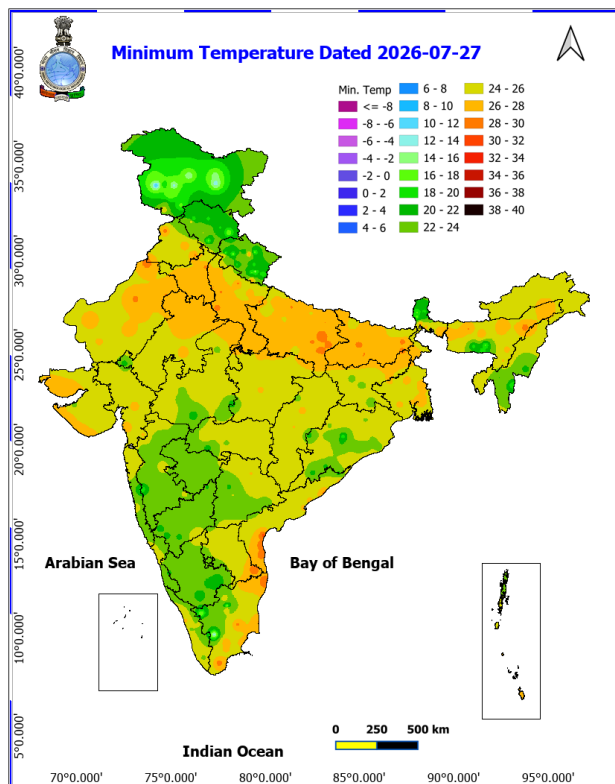
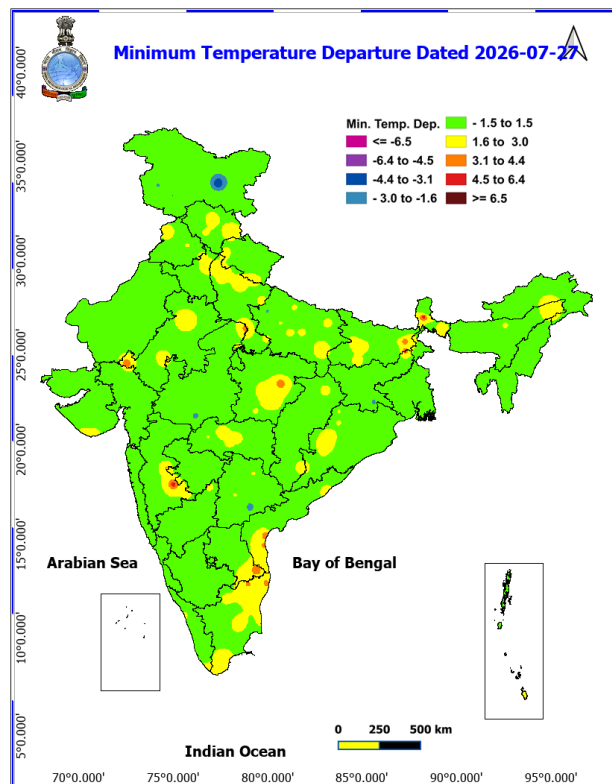
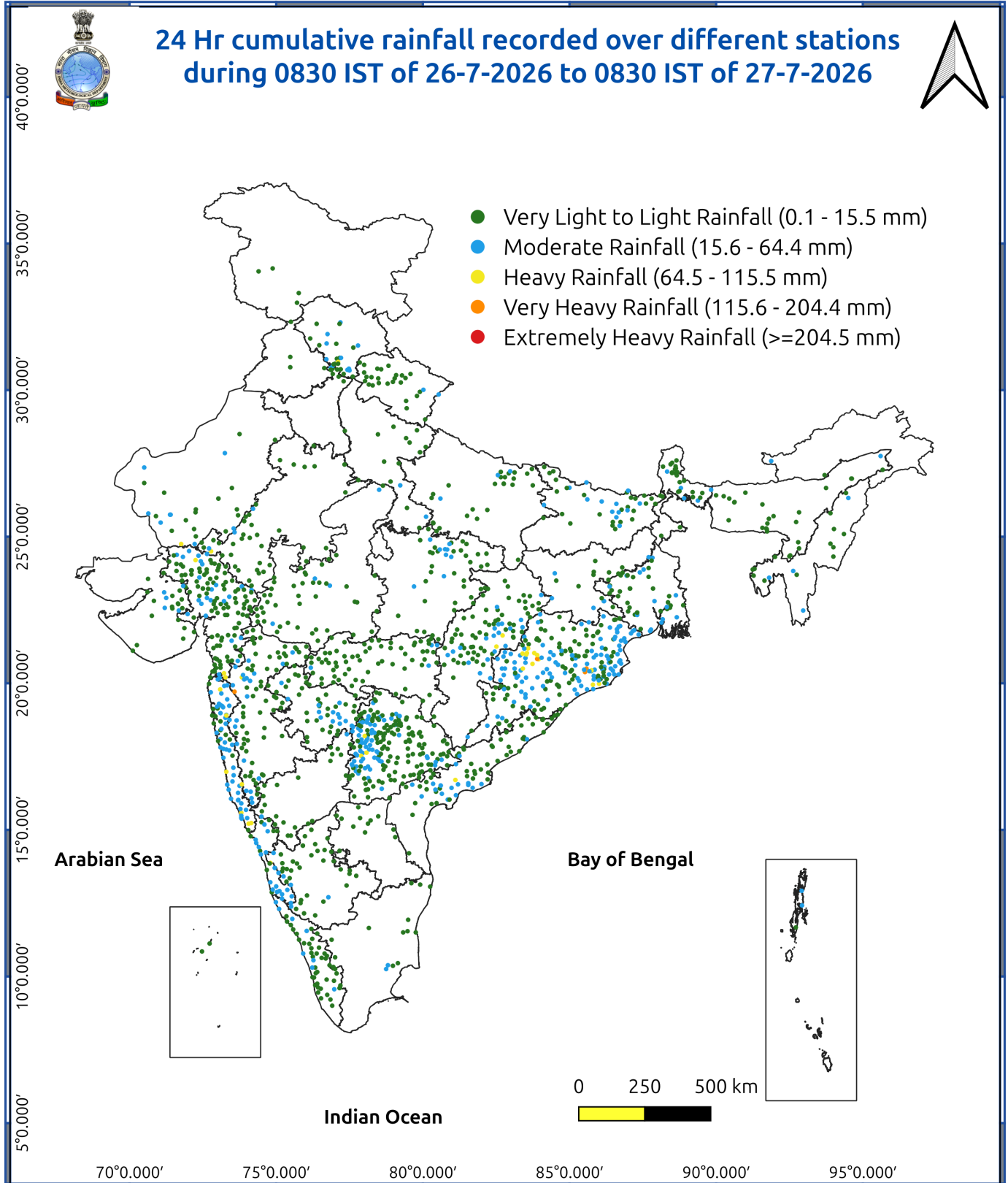


Fig. 4: Departure of Minimum Temp. Dated 2026-07-27





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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 Odisha 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 **Jharkhand**, ensure proper drainage in standing crop 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.

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 **Uttar Pradesh**, maintain continuous drainage in rice, maize, sesame, pigeon pea and vegetable fields, particularly in low-lying areas, to prevent prolonged waterlogging. Postpone irrigation, fertilizer and plant protection operations until field conditions improve.

In **Punjab and Haryana**, maintain effective drainage in rice, maize, soybean, pigeon pea and groundnut fields and fruit orchards to prevent waterlogging.

In **Vidarbha**, maintain proper drainage in soybean, cotton, pigeon pea, maize and vegetable fields to prevent

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waterlogging

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** drainout excess rainwater from the field of rice, cotton, pearl millet, maize, groundnut and vegetable fields to prevent prolonged waterlogging.

In **Keralam**, maintain continuous drainage in banana, coconut, cardamom, ginger, black pepper 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 **Coastal Karnataka**, keep field drainage channels clear and maintain continuous drainage in paddy fields, orchards and vegetable fields to prevent prolonged waterlogging.

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.

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

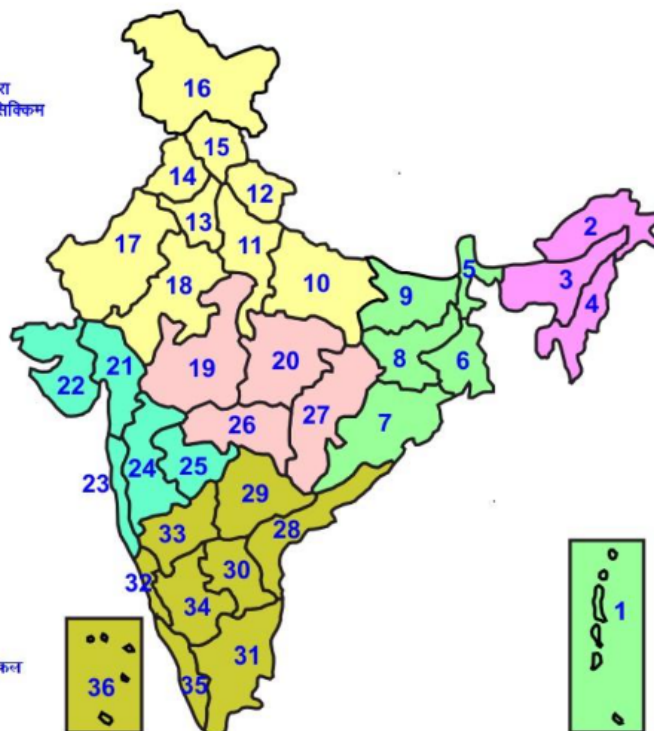
Keep the animals inside the shed during heavy rainfall and provide them balanced feed.

Store the feed and fodder in a safe place to prevent spoilage.

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. 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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