

2026-07-24

Time of Issue: 13:16:00 hours IST
(Mid-Day)

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 24th-30th July.
- **Fairly Widespread to Widespread** rainfall likely over Punjab during 24th-25th July and during 28th-30th July; Haryana Chandigarh & Delhi and West Uttar Pradesh during 28th-30th July; East Uttar Pradesh during 27th-30th July; East Rajasthan and West Rajasthan during 24th-25th July.
- **Isolated to Scattered** rainfall likely over Punjab during 26th-27th July; Haryana Chandigarh & Delhi and West Uttar Pradesh during 24th-27th July; East Uttar Pradesh during 24th-26th July; East Rajasthan and West Rajasthan during 26th-30th July.
- **Isolated thunderstorm, lightning & gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 24th-30th July.
- **Isolated thunderstorm, lightning & gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over East Rajasthan and West Rajasthan during 24th-25th July.
- **Isolated thunderstorm & lightning** likely over Himachal Pradesh and Uttarakhand during 24th-30th July.
- **Isolated heavy rainfall** likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 25th-30th July; Himachal Pradesh and Uttarakhand during 24th-26th July and on 30th July; Haryana Chandigarh & Delhi and Punjab during 24th-25th July, on 27th July and on 30th July; West Uttar Pradesh on 28th July; East Uttar Pradesh on 27th July and on 30th July; West Rajasthan on 26th July; East Rajasthan during 26th-27th July with isolated **very heavy rainfall** also likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad on 24th July; Himachal Pradesh and Uttarakhand during 27th-29th July; East Uttar Pradesh, Haryana Chandigarh & Delhi and Punjab during 28th-29th July; West Uttar Pradesh during 29th-30th July; East Rajasthan and West Rajasthan during 24th-25th July.

Central India:

- **Fairly Widespread to Widespread** rainfall likely over West Madhya Pradesh during 24th-25th July; Chhattisgarh and East Madhya Pradesh during 24th-30th July; Vidarbha on 24th July and during 27th-30th July.
- **Isolated to Scattered** rainfall likely over West Madhya Pradesh during 26th-30th July; Vidarbha during 25th-26th July.
- **Isolated thunderstorm, lightning & gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over West Madhya Pradesh during 24th-28th July; East Madhya Pradesh during 24th-25th July.
- **Isolated thunderstorm & lightning** likely over East Madhya Pradesh during 26th-27th July; Chhattisgarh and Vidarbha during 24th-26th July.
- **Isolated heavy rainfall** likely over West Madhya Pradesh during 28th-30th July; Chhattisgarh and East Madhya Pradesh during 26th-30th July; Vidarbha during 28th-29th July.

East India:

- **Fairly Widespread to Widespread** rainfall likely over Andaman & Nicobar Islands, Gangetic West Bengal, Jharkhand and Sub-Himalayan West Bengal & Sikkim during 24th-30th July; Bihar on 24th July and during 28th-30th July; Odisha during 24th-28th July.
- **Isolated to Scattered** rainfall likely over Bihar during 25th-27th July; Odisha during 29th-30th July.
- **Isolated thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Andaman & Nicobar Islands during 25th-30th July; Gangetic West Bengal during 24th-27th July, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Andaman & Nicobar Islands on 24th July; Jharkhand and Odisha during 24th-28th July; Bihar during 24th-30th July.
- **Isolated thunderstorm & lightning** likely over Sub-Himalayan West Bengal & Sikkim during 24th-25th July.

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- Isolated **heavy rainfall** likely over Sub-Himalayan West Bengal & Sikkim during 27th-30th July; Gangetic West Bengal on 25th July and on 27th July; Jharkhand during 24th-28th July; Bihar on 24th July and during 27th-29th July; Odisha during 29th-30th July with isolated **very heavy rainfall** also likely over Gangetic West Bengal on 24th July and on 26th July; Odisha during 24th-28th July.

Northeast India:

- Isolated to Scattered** rainfall likely over Arunachal Pradesh during 24th-26th July; Assam & Meghalaya during 25th-26th July.
- Fairly Widespread to Widespread** rainfall likely over Arunachal Pradesh during 27th-30th July; Assam & Meghalaya on 24th July and during 27th-30th July; Nagaland, Manipur, Mizoram & Tripura during 24th-30th July.
- Isolated **thunderstorm & lightning** likely over Arunachal Pradesh during 24th-26th July; Assam & Meghalaya during 24th-28th July.
- Isolated **heavy rainfall** likely over Arunachal Pradesh during 27th-30th July; Assam & Meghalaya during 25th-29th July; Nagaland, Manipur, Mizoram & Tripura during 24th-30th July with isolated **very heavy rainfall** also likely over Assam & Meghalaya on 24th July.

West India:

- Fairly Widespread to Widespread** rainfall likely over Konkan & Goa during 24th-30th July; Madhya Maharashtra during 24th-25th July; Gujarat Region during 24th-28th July; Saurashtra & Kutch during 24th-26th July.
- Isolated to Scattered** rainfall likely over Madhya Maharashtra during 26th-30th July; Marathwada during 24th-30th July; Gujarat Region during 29th-30th July; Saurashtra & Kutch during 27th-30th July.
- Isolated **thunderstorm & lightning** likely over Gujarat Region and Saurashtra & Kutch during 24th-27th July.
- Isolated **heavy rainfall** likely over Konkan & Goa on 24th July, during 26th-27th July and during 29th-30th July; Madhya Maharashtra on 24th July and on 27th July; Gujarat Region during 24th-25th July; Saurashtra & Kutch during 24th-25th July and on 27th July with isolated **very heavy rainfall** also likely over Konkan & Goa on 25th July; Madhya Maharashtra during 25th-26th July; Gujarat Region during 26th-27th July; Saurashtra & Kutch on 26th July.

South Peninsular India:

- Isolated to Scattered** rainfall likely over Coastal Andhra Pradesh & Yanam, North Interior Karnataka, Rayalaseema, Tamil Nadu, Puducherry & Karaikal and Telangana during 24th-30th July; South Interior Karnataka on 24th July and during 26th-30th July.
- Fairly Widespread to Widespread** rainfall likely over Coastal Karnataka, Kerala & Mahe and Lakshadweep during 24th-30th July; South Interior Karnataka on 25th July.
- Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Tamil Nadu, Puducherry & Karaikal during 24th-26th July; North Interior Karnataka, Rayalaseema and South Interior Karnataka during 24th-28th July, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Coastal Karnataka and Telangana during 24th-28th July.
- Isolated **heavy rainfall** likely over Kerala & Mahe during 24th-30th July; Coastal Karnataka during 25th-28th July and on 30th July; North Interior Karnataka on 24th July and during 27th-30th July; South Interior Karnataka during 24th-25th July and during 28th-30th July with isolated **very heavy rainfall** also likely over Coastal Karnataka on 24th July.
- Strong Surface Winds likely over Tamil Nadu, Puducherry & Karaikal during 24th-26th July; Coastal Andhra Pradesh & Yanam and Rayalaseema during 24th-28th July.

Fishermen Warning:

Fishermen are advised not to venture:

- Arabian Sea:** Along and off Somalia and Oman coast over most parts of central, some parts of southwest Arabian Sea during 24th to 29th July; over most parts of north Arabian Sea during 24th to 26th and few parts of

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north Arabian Sea during 26th to 29th July; along and off Gujarat and Maharashtra coasts on 24th July and Gujarat and north Maharashtra coasts on 25th July.

- **Bay of Bengal:** Along and off north Odisha, Gangetic west Bengal & Bangladesh coasts and north Bay of Bengal during 24th to 28th July. Over Andaman Sea during 26th to 29th July; few parts of Gulf of Mannar during 27th to 29th July and South Sri Lanka coasts adjoining southwest Bay of Bengal on 28th July.

Main Weather Observations:

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

- **Exceptionally heavy rainfall(?30 cm)** has been recorded at isolated places over Gujarat Region;
- **Extremely heavy rainfall (?21 cm)** has been recorded over Konkan, Madhya Maharashtra and Saurashtra & Kutch.
- **Very Heavy rainfall (12-20 cm)** has been recorded over Gangetic West Bengal, Odisha, Bihar and Coastal & South Interior Karnataka.
- **Heavy rainfall (7-11 cm)** has been recorded over Jammu-Kashmir, Himachal Pradesh, Uttarakhand, East Uttar Pradesh, Rajasthan, Madhya Pradesh, Assam, Nagaland and Kerala.

❖ **Significant rainfall recorded(in cm)** (from 0830 hours IST of yesterday to 0830 hours IST of today):

Gujarat Region: Mahemdavad (dist Kheda) 62; Dholka (dist Ahmedabad) 51; Chikhli (dist Navsari), Matar (dist Kheda) 44 Each; Kheda (dist Kheda) 42; Khergam (dist Navsari) 40; Viramgam (dist Ahmedabad) 37; Nadiad (dist Kheda) 36; Vansda (dist Navsari) 35; Bavla (dist Ahmedabad) 33; Vaso (dist Kheda), Waghai (dist Dangs), Gandevi (dist Navsari) 32 Each; Khanvel (dist Dadara & Nagar Haveli) 31; Sojitra (dist Anand), Mandal (dist Ahmedabad), Umerpada (dist Surat), Dascroi (dist Ahmedabad) 30 Each; Abad City (dist Ahmedabad) 29; V.vidyanagar SR (dist Anand), Dang Kvk AWS (dist Dangs) 28 Each; Tarapur (dist Anand), Becharaji (dist Mehsana), Borsad (dist Anand) 27 Each; Petlad (dist Anand), Dolvan (dist Tapi) 26 Each; Anand (dist Anand), Valsad (dist Valsad), Umergam (dist Valsad) 25 Each; Netrang (dist Bharuch) 24; Kadi (dist Mehsana) 23; Gandhinagar (dist Gandhinagar) 22; Pardi (dist Valsad), Dangs (ahwa) (dist Dangs) 21 Each; Vapi (dist Valsad) 20; Madhbun (dist Dadara & Nagar Haveli) 19; Bhabhar (dist Banaskantha), Khambhat (dist Anand), Nanipalson (dist Valsad), Vyara (dist Tapi), Detroj (dist Ahmedabad) 18 Each; Dharampur (dist Valsad), Kalol(g) (dist Gandhinagar), Daman AWS (dist Daman), Vadodara (dist Vadodara), Subir (dist Dangs), Ukai (dist Surat) 17 Each; Sanand (dist Ahmedabad), Silvassa (dist Dadara & Nagar Haveli), Ghandinagar AWS (dist Gandhinagar), Vadodara AWS (dist Vadodara), Padra (dist Vadodara), Kaprada (dist Valsad), Songadh (dist Tapi), Kamrej (dist Surat) 16 Each; Ankav (dist Anand), Mansa (dist Gandhinagar), Dediapada (dist Narmada) 15 Each; Deodar (dist Banaskantha) 14; Umreth (dist Anand), Vyara AWS (dist Tapi), Mahuva (dist Surat), Daman (dist Daman), Valod (dist Tapi), Dhandhuka (dist Ahmedabad) 13 Each; Palsana (dist Surat) 12; Shahera (dist Panchmahal), Prantij (dist Sabarkantha), Wanakbori (dist Mahisagar), Bardoli (dist Surat), Ankleshwer (dist Bharuch), Jhagadia (dist Bharuch), Halol (dist Panchmahal) 11 Each; Olpad (dist Surat), Dabhoi (dist Vadodara), Jotana (dist Mehsana) 10 Each; Maktampur AWS (dist Bharuch), Jambughoda (dist Panchmahal), Uchchhal (dist Tapi), Vijapur (dist Mehsana), Bharuch (dist Bharuch), Himatanagar (dist Sabarkantha), Galteshwar (dist Kheda) 9 Each; Navsari (dist Navsari), Sagbara (dist Narmada), Karjan (dist Vadodara), Valia (dist Bharuch), Choryasi (dist Surat), Balasinor (dist Mahisagar), Mahesana (dist Mehsana) 8 Each; Mandvi (dist Surat), Vagra (dist Bharuch), Jalalpor (dist Navsari), Sinor (dist Vadodara), Radhanpur (dist Patan), Santalpur (dist Patan), Jetpur Pavi (dist Chhota Udepur), Chanasma (dist Patan), Navasari AWS (dist Navsari), Mangrol (dist Surat), Desar (dist Vadodara), Jambuser (dist Bharuch) 7 Each; Hansot (dist Bharuch), Thasra (dist Kheda), Ghoghamba (dist Panchmahal), Rajpipala (dist Narmada), Lunawada (dist Mahisagar), Sankheda (dist Chhota Udepur), Surat City (dist Surat), Harij (dist Patan), Dholera (dist Ahmedabad), Poshina (dist Sabarkantha), Suigam (dist Banaskantha), Idar (dist Sabarkantha), Bodeli (dist Chhota Udepur) 6 Each; **Madhya Maharashtra:** Peth (dist Nashik) 29; Ozarkheda - Fmo (dist Nashik) 28; Harsul - Fmo (dist Nashik) 24; Igatpuri (dist Nashik) 22; Trimbakshwar (dist Nashik), Chandwad (dist Nashik) 19 Each; Mulher - Fmo (dist Nashik) 14; Nashik (dist Nashik) 12; Lonavala ARG (dist Pune) 11; Mahabaleshwar (dist Satara) 10; Dindori (dist Nashik) 7; Navapur (dist Nandurbar), Pimpalner (dist Dhule), Akole (dist Ahilyanagar), Kalvan (dist Nashik) 6 Each; **Saurashtra & Kutch:** Vadia (dist Amreli) 21; Jamkandorna (dist Rajkot) 20; Lakhtar (dist Surendranagar) 18; Jetpur (dist Rajkot) 16; Dasada (dist Surendranagar) 15; Bagasra (dist Amreli) 14; Gondal (dist Rajkot) 12; Lodhika (dist Rajkot), Vallabhipur (dist Bhavnagar) 11 Each; Wadhvan (dist Surendranagar),

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Surendranagar (dist Surendranagar), Sayla (dist Surendranagar), Muli (dist Surendranagar), Botad (dist Botad) 10 Each; Shihor (dist Bhavnagar), Amreli (dist Amreli), Barvala (dist Botad), Dhrangadhra (dist Surendranagar), Targhadia AWS (dist Rajkot) 9 Each; Chotila (dist Surendranagar), Babra (dist Amreli), Dhrol (dist Jamnagar), Surendranagar AWS (dist Surendranagar), Chuda (dist Surendranagar), Kotdasangani (dist Rajkot), Thangadh (dist Surendranagar), Kalavad (dist Jamnagar) 8 Each; Gadhda (dist Botad), Malia Miana (dist Morbi), Ranpur (dist Botad), Rapar (dist Kutch) 7 Each; Wankaner (dist Morbi), Jasdan (dist Rajkot), Umralla (dist Bhavnagar), Visavadar (dist Junagadh), Dhoraji (dist Rajkot), Rajkot (dist Rajkot), Lathi (dist Amreli), Halvad (dist Morbi), Morbi (dist Morbi), Jamnagar (dist Jamnagar), Bhavnagar (dist Bhavnagar), Kharaghoda (dist Surendranagar) 6 Each; **Konkan & Goa**: Mokheda - Fmo (dist Palghar) 19; Matheran (dist Raigad), Vikramgad (dist Palghar) 16 Each; Jawhar (dist Palghar), Wada (dist Palghar) 15 Each; Mandangad (dist Ratnagiri) 11; Mangaon (dist Raigad), Karjat ARG (dist Raigad), Tala (dist Raigad), Palghar ARG (dist Palghar) 10 Each; Khalapur (dist Raigad) 9; Shahapur (dist Thane), Murbad (dist Thane) 8 Each; Mhasla (dist Raigad), Vasai (dist Palghar) 7 Each; Panvel ARG (dist Raigad), Khed (dist Ratnagiri), Uran (dist Raigad) 6 Each; **Gangetic West Bengal**: Basirhat(pt) (dist North 24 Parganas) 18; Canning (dist South 24 Parganas), Contai (dist East Midnapore), Sagar Island PTO (dist South 24 Parganas) 10 Each; Durgachack (dist East Midnapore) 8; Digha (dist East Midnapore), Amta (dist Howrah) 7 Each; **Coastal Karnataka**: Kollur (dist Udupi) 15; Sirsi Agro (dist Uttara Kannada) 9; Brahmavar AWS (dist Udupi), Subramanya (dist Dakshina Kannada) 6 Each; **Bihar**: Tankuppa (dist Gaya) 13; Fatehpur (dist Gaya) 12; Rajauli (dist Nawada) 10; Sirdala (dist Nawada) 7; Mohanpur (dist Gaya), Noorsarai (dist Nalanda), Tharthari (dist Nalanda), Makhdumpur (dist Jahanabad) 6 Each; **South Interior Karnataka**: Agumbe AWS (dist Shivamogga) 13; Sringeri HMS (dist Chikkamagaluru), Kottigehara (dist Chikkamagaluru) 7 Each; Jayapura (dist Chikkamagaluru) 6; **Odisha**: Hatadihi (dist Keonjhar) 12; Bahanga (dist Balasore) 8; Bhograi (dist Balasore) 6; **Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad**: Udhampur(IAF) (dist Udhampur) 10; Batote (dist Ramban) 8; Govindpura AWS (dist Ramban) 7; Badarwah (dist Doda) 6; **West Rajasthan**: Pachpadra (dist Barmer) 9; Jalore (dist Jalore), Dorimanna SR (dist Barmer) 6 Each; **East Rajasthan**: Amet (dist Rajsamand) 9; Salumber (dist Udaipur), Jhadol SR (dist Udaipur), Badesar SR (dist Chittorgarh) 7 Each; Gangdhar SR (dist Jhalawar), Kotda SR (dist Udaipur), Rashmi SR (dist Chittorgarh) 6 Each; **Assam & Meghalaya**: Khanapara (dist Kamrup Metropolitan), Sarusajai ARG (dist Kamrup Metropolitan) 9 Each; Kalakshetra ARG (dist Kamrup Metropolitan) 8; Diphu (dist Karbi Anglong), Mawsynram (dist East Khasi Hills), Mawkyrwat (dist South West Khasi Hills), Guwahati City AWS (dist Kamrup Metropolitan) 7 Each; Cherrapunji(rkm) (dist East Khasi Hills), Guwahati ARG (dist Kamrup Metropolitan) 6 Each; **Kerala & Mahe**: Irikur (dist Cannur) 8; Padinjathara Dam AWS (dist Wynad), Ams Kannur (dist Cannur) 7 Each; **West Madhya Pradesh**: Badarwas (dist Shivpuri) 8; Veerpur (dist Sheopur) 7; Kolaras (dist Shivpuri), Kathiwada (dist Alirajpur) 6 Each; **East Madhya Pradesh**: Bina (dist Sagar) 8; **Himachal Pradesh**: Naina Davi (dist Bilaspur) 8; Jot (dist Chamba) 7; Ghamroor (dist Kangra), Saloni (dist Chamba), Bangana R (dist Una) 6 Each; **East Uttar Pradesh**: Haidargarh (dist Barabanki), Rae Bareilly CWC (dist Rae Bareilly) 8 Each; Kunda (dist Pratapgarh), Karwi (dist Chitrakoot) 6 Each; **Arunachal Pradesh**: Deomali AWS (dist Tirap) 6; **West Uttar Pradesh**: Chakkar Nagar (dist Etawah), Etawah (dist Etawah) 6 Each; **Nagaland, Manipur, Mizoram & Tripura**: Imphal AP (dist Imphal East) 6.

❖ **Heavy Rainfall observed** (from 0830 hours IST of yesterday to 0830 hours IST of today): **Extremely heavy rain** at isolated places over Gujarat Region, Saurashtra & Kutch and Madhya Maharashtra. **Heavy to very heavy rain** at isolated places over Gangetic West Bengal, Odisha, Bihar, Gujarat Region, Saurashtra & Kutch, Konkan & Goa, Madhya Maharashtra, Coastal Karnataka and South Interior Karnataka. **Heavy rain** at a few places over Saurashtra & Kutch and at isolated places over Assam & Meghalaya, East Uttar Pradesh, Himachal Pradesh, Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad, West Rajasthan, East Rajasthan, West Madhya Pradesh, East Madhya Pradesh and Kerala & Mahe.

❖ **Minimum Temperature Departures (as on 24-07-2026): markedly above normal(> 5.1°C)** at isolated places over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Bihar, East Uttar Pradesh, West Uttar Pradesh, Himachal Pradesh, West Madhya Pradesh and East Madhya Pradesh. **appreciably above normal(3.1°C to 5.0°C)** at few places over Sub Himalayan West Bengal & Sikkim; at isolated places over Andaman & Nicobar Islands, Odisha, East Rajasthan, Saurashtra & Kutch, Madhya Maharashtra, Coastal Andhra Pradesh & Yanam and Tamil Nadu, Puducherry & Karaikal. **above normal(1.6°C to 3.0°C)** at many places over Lakshadweep; at few places over Arunachal Pradesh and Uttarakhand; at isolated places over West Rajasthan, Konkan & Goa, Vidarbha, Telangana and Rayalaseema. **near normal(-1.5°C to 1.5°C)** at many places over Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad; at most places over Gangetic West Bengal, Jharkhand, Haryana-Chandigarh-Delhi, Punjab, Marathwada, Chhattisgarh, Coastal Karnataka, North Interior Karnataka, South Interior Karnataka and Kerala & Mahe; at few places over Gujarat Region. **The**

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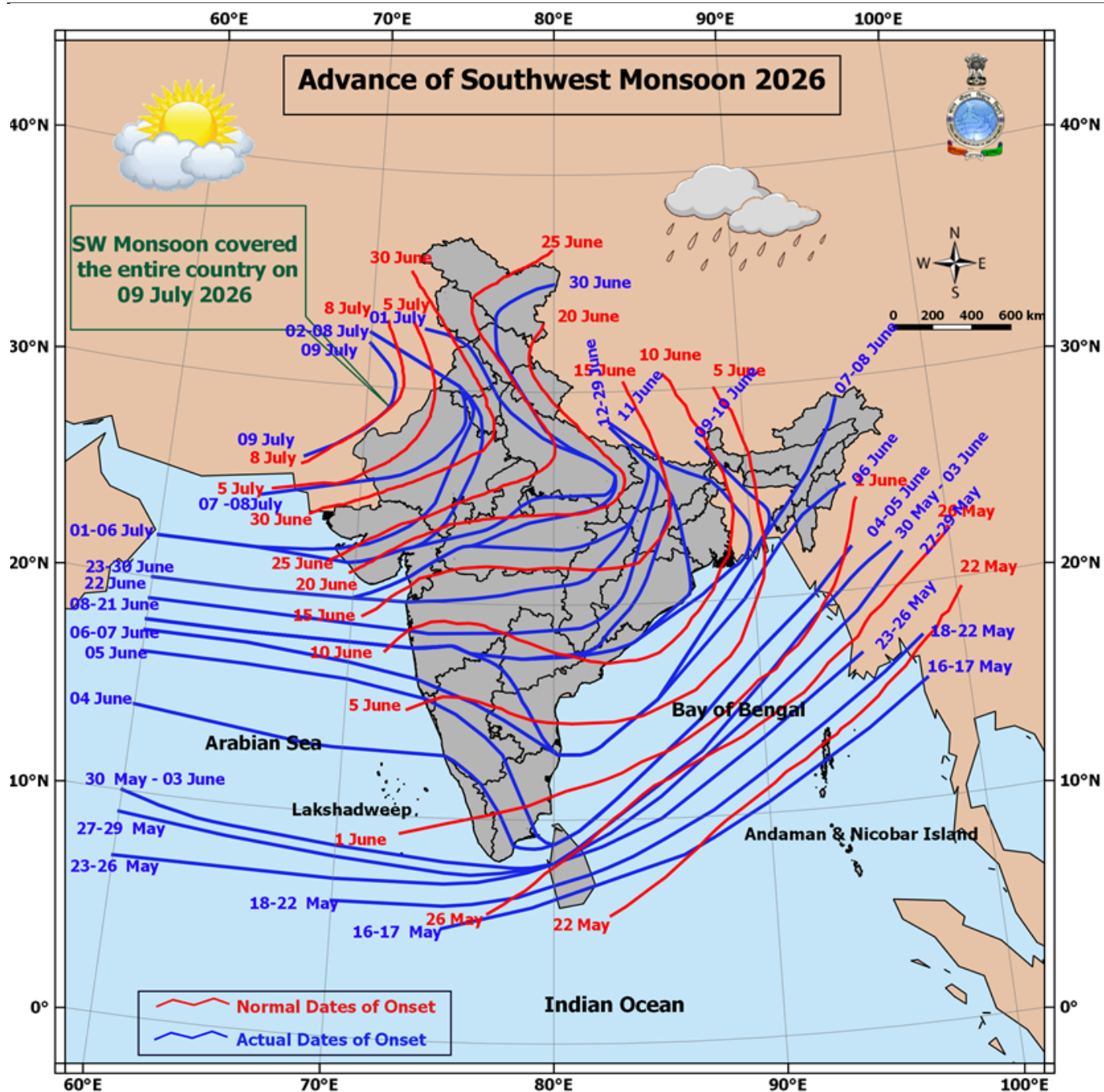
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lowest minimum temperature of 17.0°C was reported at YEOTMAL (MAHARASHTRA) over the Plains of India.

❖ **Maximum Temperature Departures (as on 23-07-2026): above normal(1.6°C to 3.0°C)** at isolated places over Tamil Nadu, Puducherry & Karaikal. **near normal(-1.5°C to 1.5°C)** at most places over Himachal Pradesh; at few places over West Uttar Pradesh and Coastal Andhra Pradesh & Yanam. **The highest maximum temperature** of 41.5°C was reported at MADURAI (A) (TAMIL NADU).

Meteorological Analysis (Based on 0830 hours IST)

- The **Low-Pressure area** oversoutheast Rajasthan & adjoining Madhya Pradesh lay over southeast Rajasthan & neighbourhood at 0830 Hrs IST of today, 24th July, 2026. The associated cyclonic circulation extends upto 9.4 km above mean sea level tilting south-westwards with height.
- The **Monsoon trough** at mean sea level now passes through Jaisalmer, centre of **Low-Pressure area** over southeast Rajasthan & neighbourhood, Guna, Sidhi, Daltonganj & thence Southeastwards towards Northeast Bay of Bengal.
- The **upper air cyclonic circulation** over Northern parts of Gangetic West Bengal & adjoining Bangladesh and now extends upto 9.4 km above mean sea level tilting southwestwards with height.
- The **upper air cyclonic circulation** over Northwest Bay of Bengal & neighbourhood between 5.8 & 9.4 km above mean sea level merged with the above cyclonic circulation.
- A **trough** runs from centre of **Low-Pressure area** over southeast Rajasthan & neighbourhood to Jammu across West Rajasthan, Haryana & Punjab between 3.1 & 4.5 km above mean sea level.
- 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. 70°E to the north of Lat. 30°N persists
- A weak **offshore trough** at the mean sea level runs from Gujarat to Karnataka coast.
- The **upper air cyclonic circulation** over northeast Assam & neighbourhood extending upto 1.5 km above mean sea level persists.
- The **east-west shear zone** roughly along 23°N Lat. between 4.5 & 7.6 km above mean sea level has become less marked.

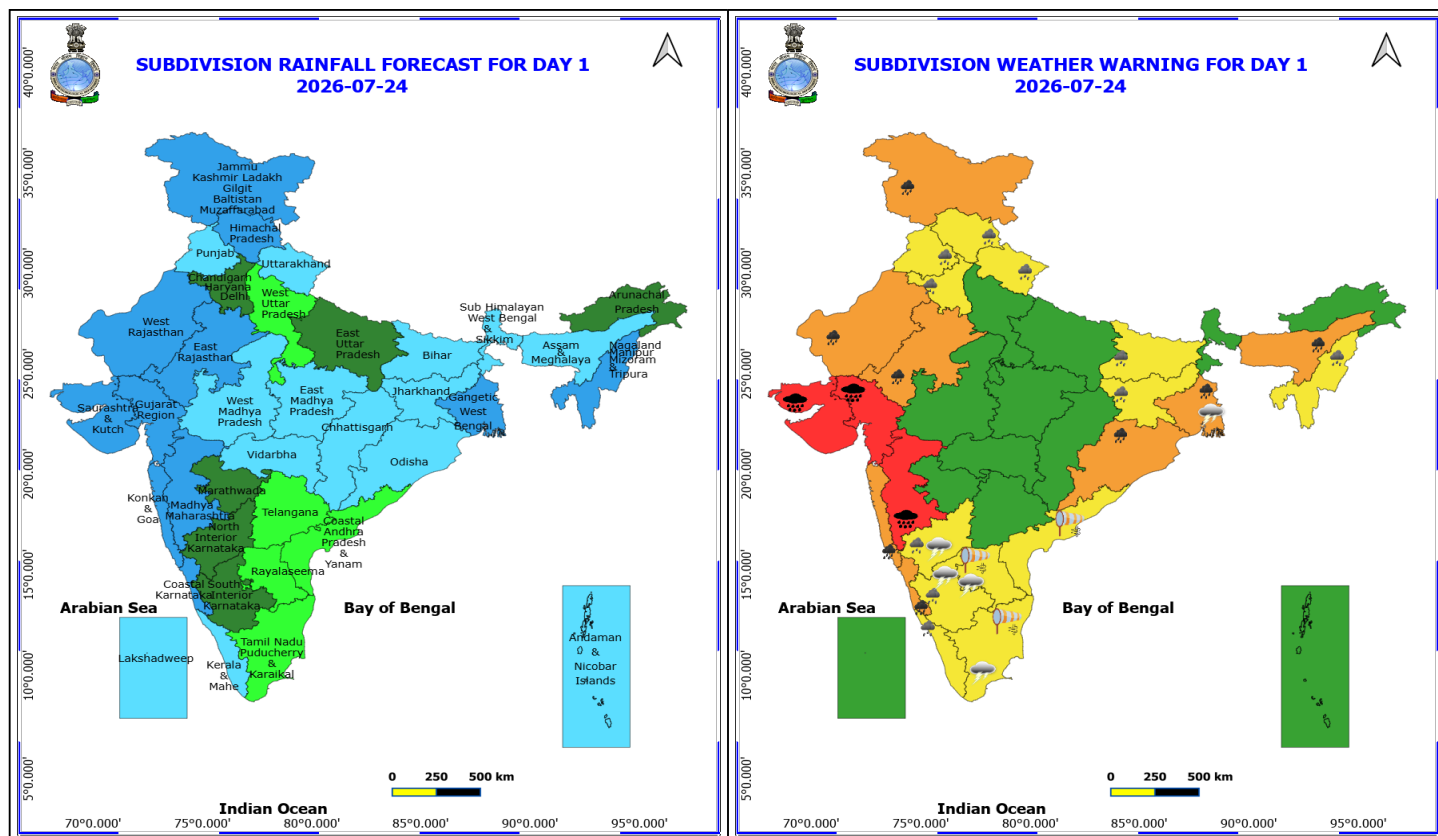


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24 July (Day 1)

- ❖ **Heavy to Very Heavy Rainfall with isolated Extremely Heavy Rainfall** very likely at isolated places over Gujarat State and Madhya Maharashtra.
- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Assam & Meghalaya, Coastal Karnataka, Gangetic West Bengal, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Konkan & Goa, Odisha and Rajasthan.
- ❖ **Heavy Rainfall** very likely at isolated places over Bihar, Haryana, Chandigarh & Delhi, Himachal Pradesh, Interior Karnataka, Jharkhand, Kerala & Mahe, Nagaland, Manipur, Mizoram and Tripura, Punjab and Uttarakhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Gangetic West Bengal, Interior Karnataka, Rayalaseema and Tamil Nadu Puducherry & Karaikal.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Andaman & Nicobar Islands, Bihar, Coastal Karnataka, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, Madhya Pradesh, Odisha, Rajasthan and Telangana.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Gujarat State, Himachal Pradesh, Sub Himalayan West Bengal & Sikkim, Uttarakhand and Vidarbha.
- ❖ **Strong Surface Winds** very likely at isolated places over Andhra Pradesh and Tamil Nadu Puducherry & Karaikal.
- ❖ **Arabian Sea: Squally wind with speed 50-60 kmph gusting to 70 kmph** is likely to prevail over westcentral adjoining southwest Arabian Sea.

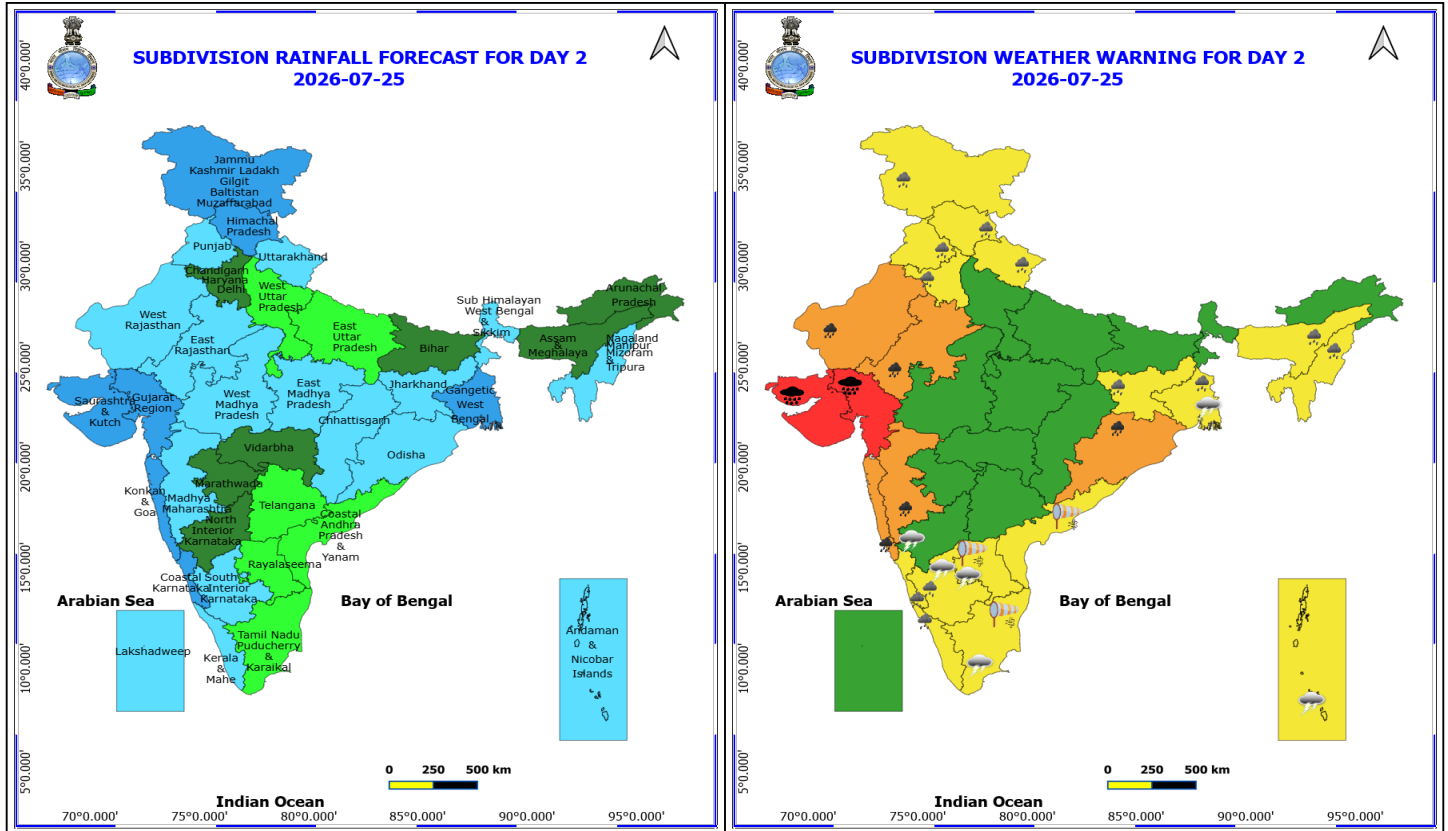
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- ❖ **Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail over most parts of central adjoining some parts of north and south west Arabian Sea and, along and off Somalia and Oman Coasts, along and off Gujarat and north Maharashtra coasts adjoining eastcentral Arabian Sea.
- ❖ **Squally Weather with wind speed 40-50 kmph gusting to 60 kmph** is likely to prevail over south Maharashtra coasts adjoining eastcentral Arabian Sea.
- ❖ **Bay of Bengal: Squally Weather with wind speed 40-50 kmph gusting to 60 kmph** is likely to prevail along and off West Bengal and North Odisha Coast and some parts north Bay of Bengal.



25 July (Day 2)

- ❖ **Heavy to Very Heavy Rainfall with isolated Extremely Heavy Rainfall** very likely at isolated places over Gujarat State.
- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Konkan & Goa, Madhya Maharashtra, Odisha and Rajasthan.
- ❖ **Heavy Rainfall** very likely at isolated places over Assam & Meghalaya, Coastal Karnataka, Gangetic West Bengal, Haryana, Chandigarh & Delhi, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, Kerala & Mahe, Nagaland, Manipur, Mizoram and Tripura, Punjab, South Interior Karnataka and Uttarakhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Andaman & Nicobar Islands, Gangetic West Bengal, 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, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, Madhya Pradesh, Odisha, Rajasthan and Telangana.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Gujarat State, Himachal Pradesh, Sub Himalayan West Bengal & Sikkim, Uttarakhand and Vidarbha.
- ❖ **Strong Surface Winds** very likely at isolated places over Andhra Pradesh and Tamil Nadu Puducherry & Karaikal.
- ❖ **Arabian Sea: Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail over most parts of

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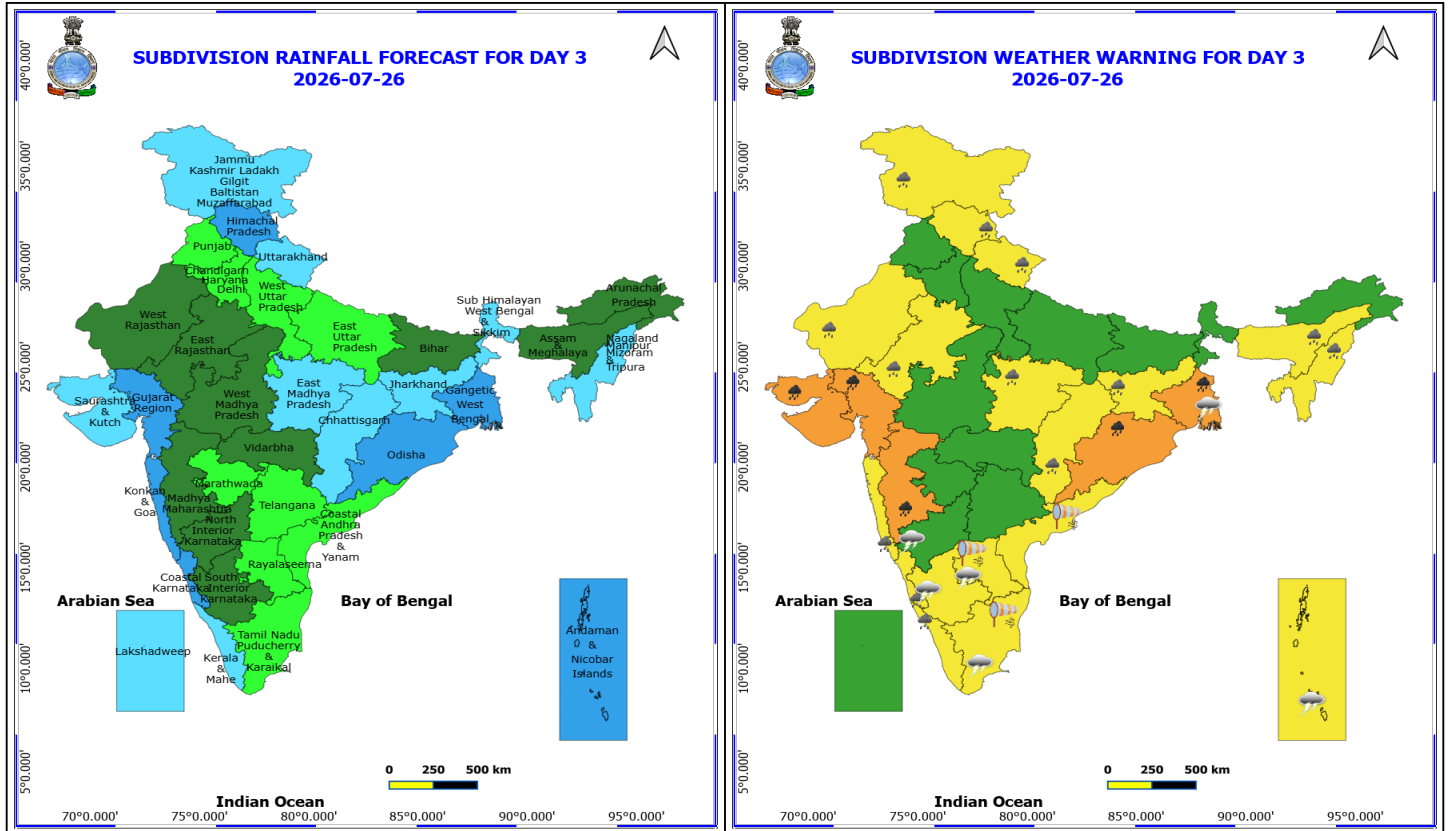
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westcentral adjoining some parts of east central, few parts of north and some parts of southwest Arabian Sea and along and off Somalia and Oman Coasts.

❖ **Squally Weather with wind speed 40-50 kmph gusting to 60 kmph** is likely to prevail over Gujarat, north Maharashtra coasts adjoining northeast & eastcentral Arabian Sea.

❖ **Bay of Bengal: Squally Weather with wind speed 40-50 kmph gusting to 60 kmph** is likely to prevail along and off West Bengal and North Odisha Coast and some parts north Bay of Bengal.



26 July (Day 3)

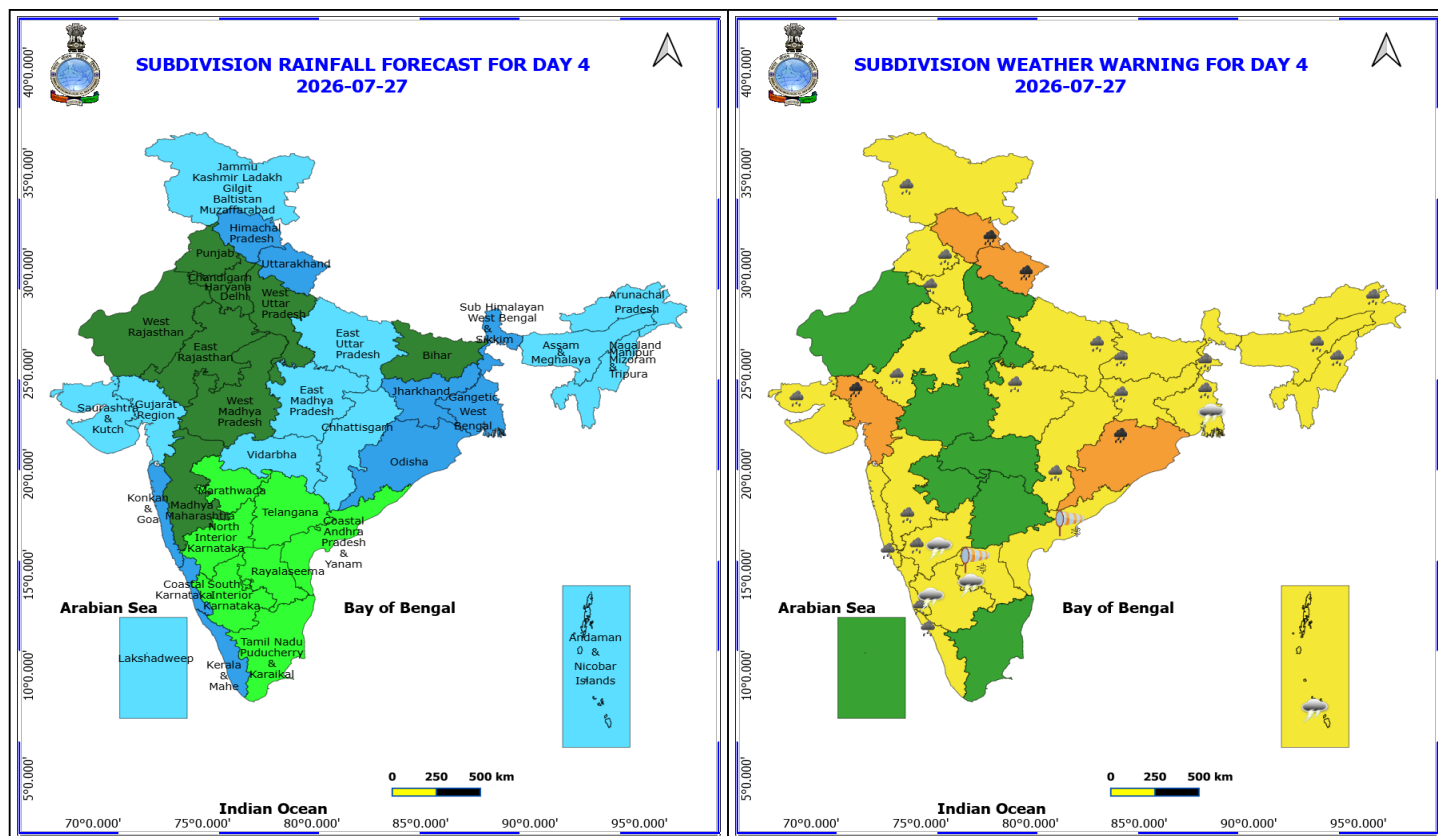
- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Gangetic West Bengal, Gujarat State, Madhya Maharashtra and Odisha.
- ❖ **Heavy Rainfall** very likely at isolated places over Assam & Meghalaya, Chhattisgarh, Coastal Karnataka, East Madhya Pradesh, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, Kerala & Mahe, Konkan & Goa, Nagaland, Manipur, Mizoram and Tripura, Rajasthan and Uttarakhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Andaman & Nicobar Islands, Gangetic West Bengal, 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, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, Odisha, Telangana and West Madhya Pradesh.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, East Madhya Pradesh, Gujarat State, Himachal Pradesh, Uttarakhand and Vidarbha.
- ❖ **Strong Surface Winds** very likely at isolated places over Andhra Pradesh and Tamil Nadu Puducherry & Karaikal.
- ❖ **Arabian Sea: Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail over most parts of west central adjoining some parts of east central, few parts of north and south west 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 and North Odisha Coast and some parts north Bay of Bengal and over Andaman Sea.

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27 July (Day 4)

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

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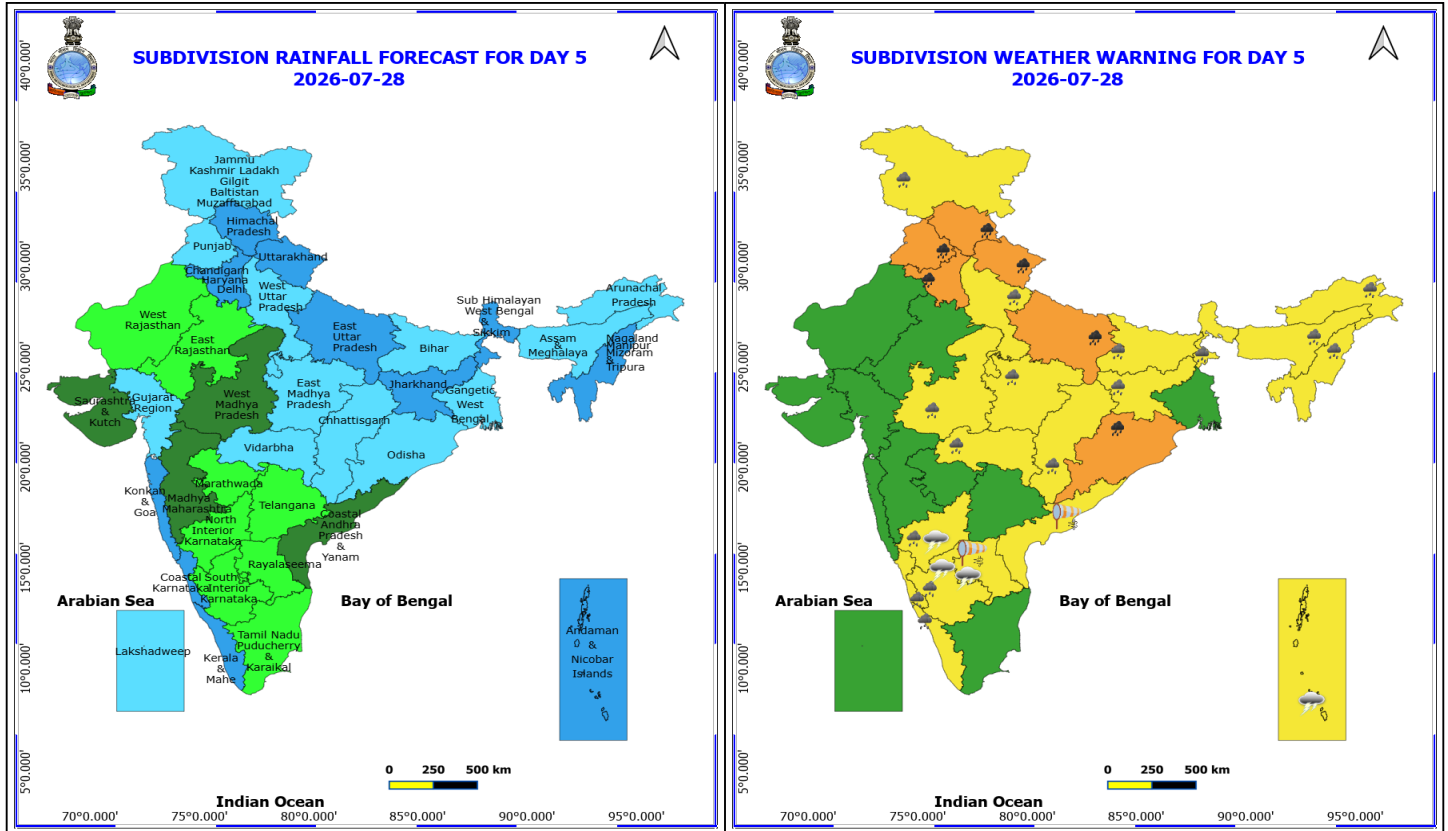
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parts of Gulf of Mannar.

❖ **Squally Weather with wind speed 40-50 kmph gusting to 60 kmph** is likely to prevail along and off West Bengal and North Odisha Coast and some parts north Bay of Bengal and over Andaman Sea.



28 July (Day 5)

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

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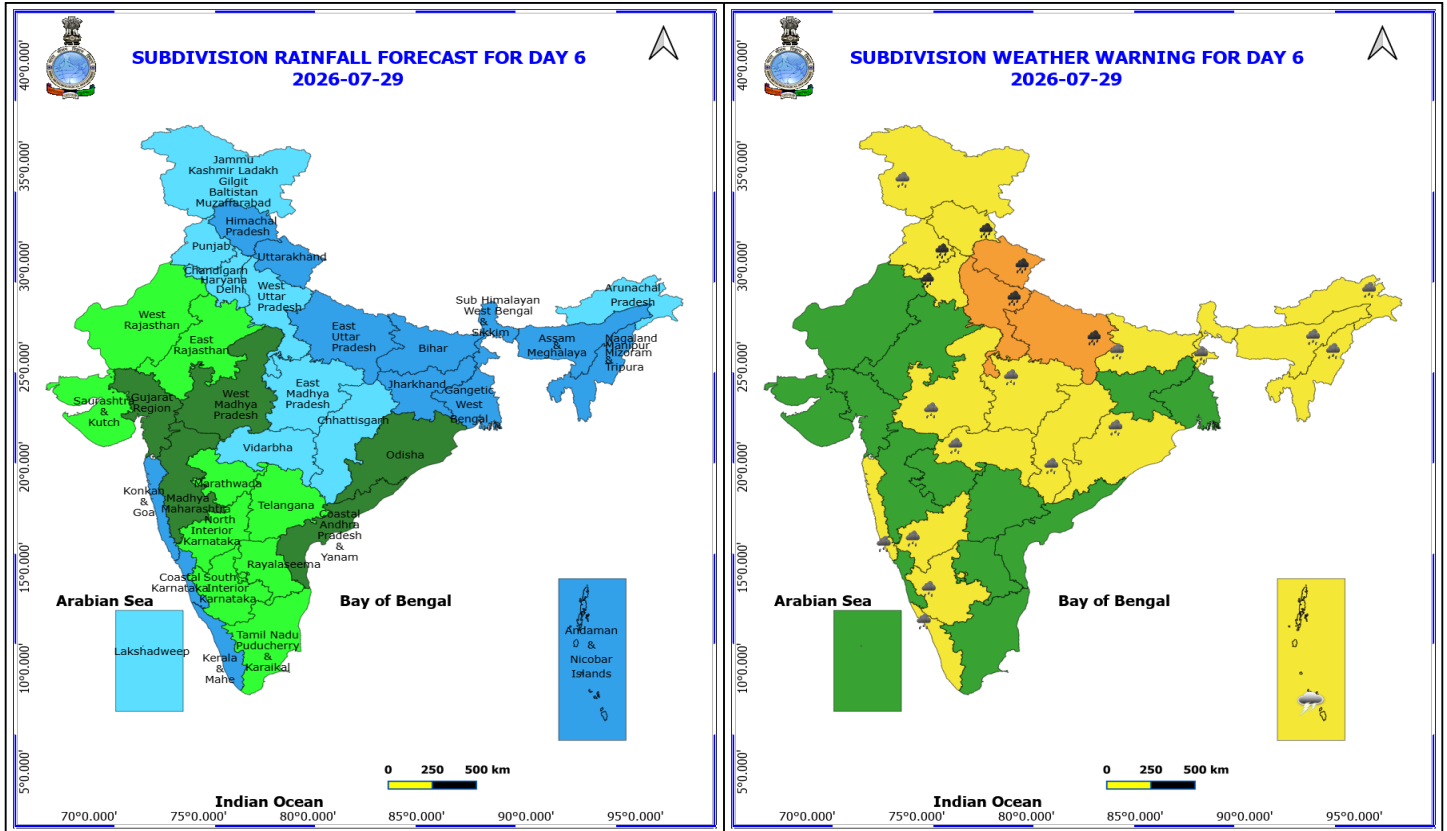
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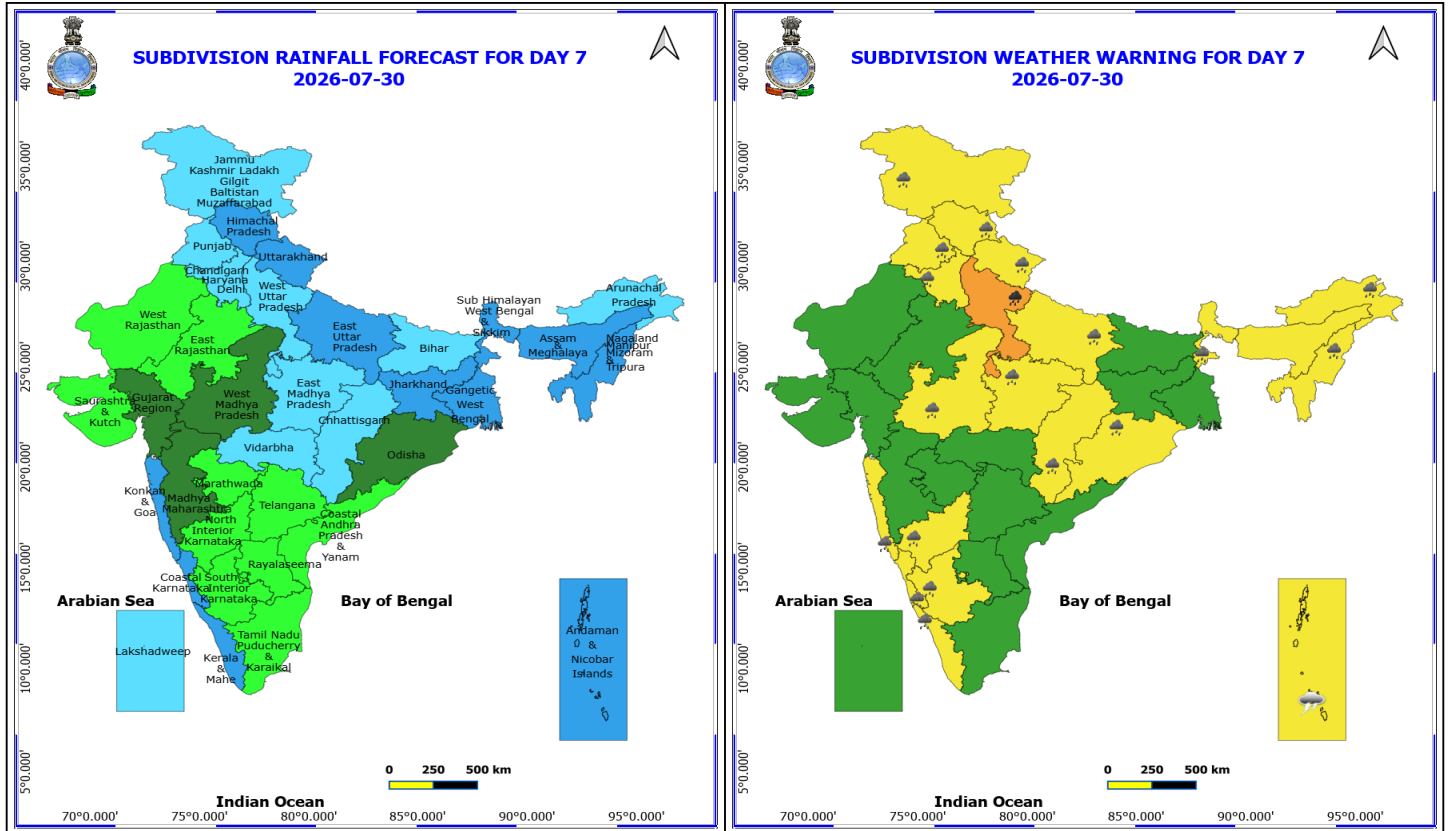
❖ Squally Weather with wind speed 40-50 kmph gusting to 60 kmph is likely to prevail over Andaman Sea.



29 July (Day 6)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Haryana, Chandigarh & Delhi, Himachal Pradesh, Punjab, Uttar Pradesh and Uttarakhand.
- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Bihar, Chhattisgarh, Interior Karnataka, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Kerala & Mahe, Konkan & Goa, Madhya Pradesh, Nagaland, Manipur, Mizoram and Tripura, Odisha, Sub Himalayan West Bengal & Sikkim and Vidarbha.
- ❖ **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 Bihar and Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Himachal Pradesh and Uttarakhand.

No Fishermen Warning



30 July (Day 7)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over West Uttar Pradesh.
- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Chhattisgarh, East Uttar Pradesh, Haryana, Chandigarh & Delhi, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Karnataka, Kerala & Mahe, Konkan & Goa, Madhya Pradesh, Nagaland, Manipur, Mizoram and Tripura, Odisha, Punjab, Sub Himalayan West Bengal & Sikkim 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 Bihar and Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Himachal Pradesh and Uttarakhand.

No Fishermen Warning

Flash Flood Warnings

24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 25-07-2026 :

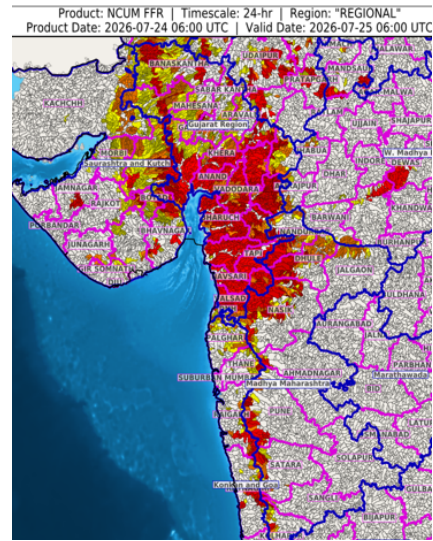
Low to Moderate flash flood risk likely over few watersheds & neighbourhoods of following Met Sub-divisions during next 24 hours.

Gujarat Region - Dadar & Nagar Haveli, Daman, Ahmadabad, Anand, Aravalli, Banaskantha, Bharuch, Chhota Udepur, Dahod, Dangs, Gandhinagar, Khera, Mahesana, Mahisagar, Narmada, Navsari, Panchmahal, Patan, Sabar Kantha, Surat, Tapi, Vadodara and Valsad districts.

Konkan & Goa - Mumbai City, Palghar, Raigarh, Ratnagiri, Suburban Mumbai and Thane districts.

Madhya Maharashtra - Ahmadnagar, Dhule, Nandurbar, Nasik, Pune and Satara districts.

Saurashtra & Kutch - Amreli, Bhavnagar, Botad, Gir Somnath, Jamnagar, Junagarh, Rajkot, Surendranagar, Morbi and Kachchh districts.



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Table-1

7 Days Rainfall Forecast

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

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

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Fig. 1: Maximum Temperatures Dated 2026-07-23

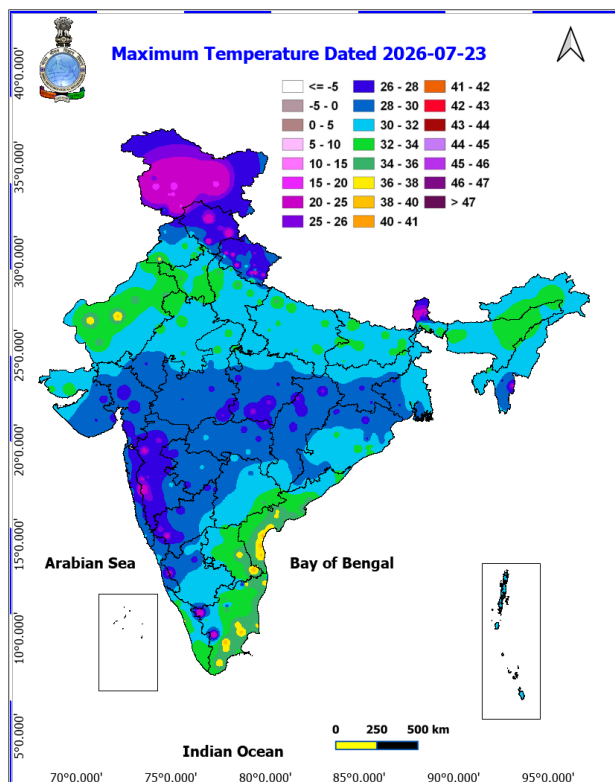


Fig. 2: Departure of Maximum Temp. Dated 2026-07-23

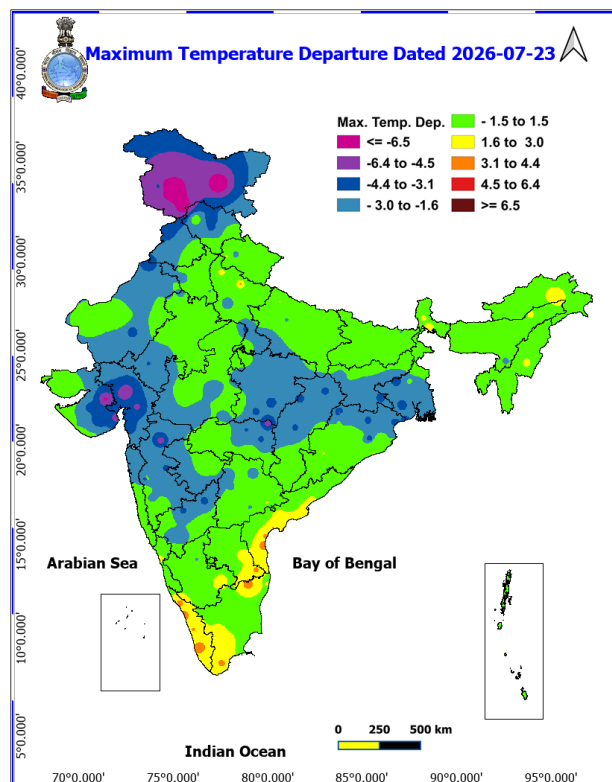


Fig. 3: Minimum Temperatures Dated 2026-07-24

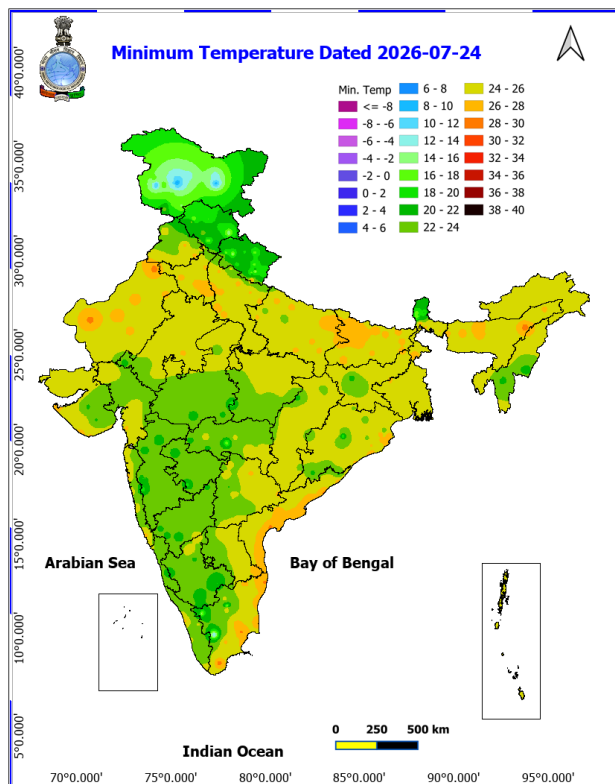
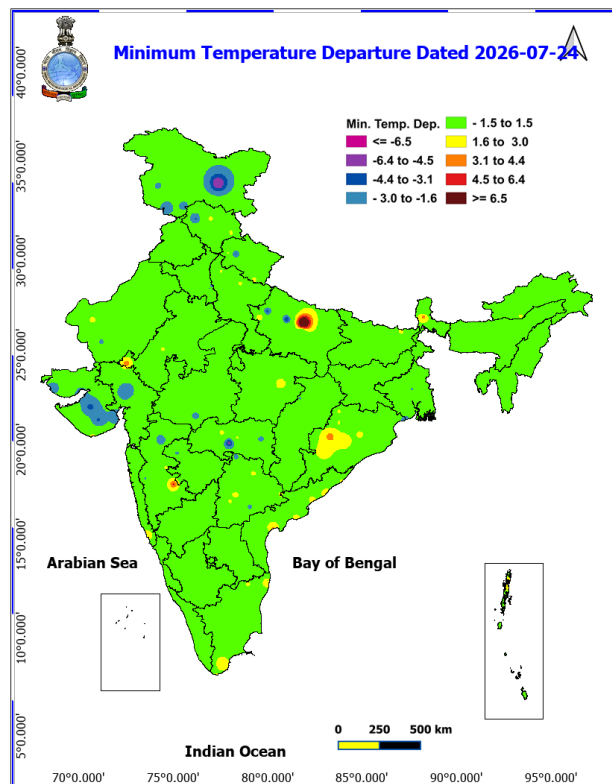
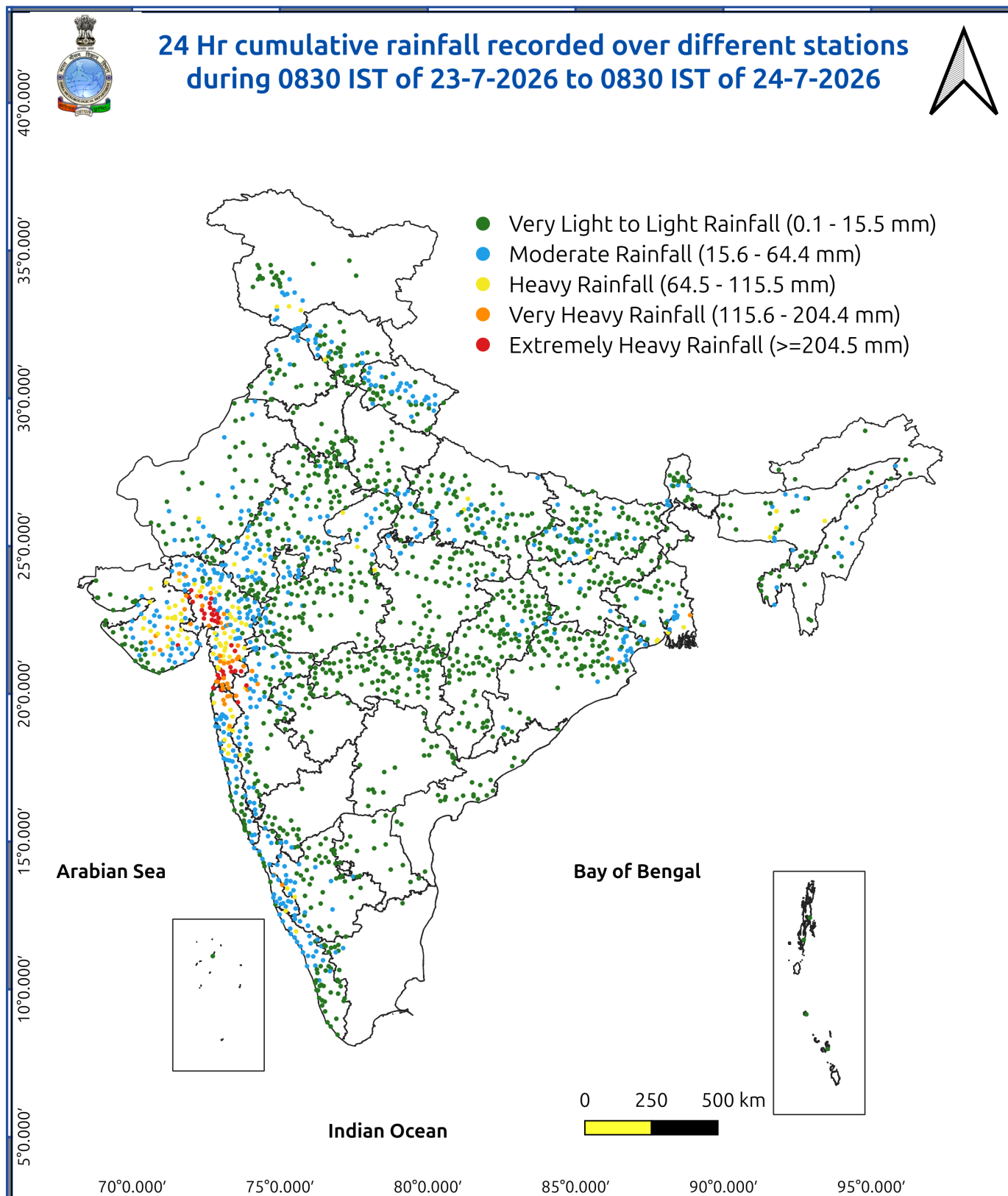


Fig. 4: Departure of Minimum Temp. Dated 2026-07-24





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Impact and Actions

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

- Isolated heavy to very heavy rainfall with exceptionally heavy rainfall likely at isolated places over Gujarat State on 24th & 25th and with extremely heavy rainfall over Konkan & Goa and Madhya Maharashtra on 24th 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 **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 continuous 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 continuous and effective drainage and remove any accumulated rainwater from soybean, black gram, ginger, turmeric, cole crop and vegetable fields to prevent residual waterlogging.

In **Gangatic West Bengal**, ensure continuous and effective drainage in rice nurseries, jute, ginger and vegetable fields to prevent prolonged waterlogging. Inspect and strengthen bunds around rice nurseries and harvest mature tea leaves and vegetables wherever field conditions permit.

In **Jharkhand**, ensure proper drainage in standing crop fields to prevent waterlogging.

In **Bihar**, ensure continuous drainage in rice, maize, sesame and pigeon pea fields to prevent prolonged waterlogging.

In **Odisha**, maintain continuous drainage and keep field channels clear in rice, maize, pulses, oilseed and vegetable fields to prevent prolonged waterlogging. Strengthen support for banana and postpone sowing or transplanting until field conditions improve.

In **Gujarat** maintain uninterrupted drainage and keep field channels clear in rice, cotton, pearl millet, maize, groundnut and vegetable fields to prevent prolonged waterlogging. Remove excess rainwater from low-lying crop fields and postpone transplanting and all field operations until field conditions improve.

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In **Konkan & Goa**, maintain uninterrupted drainage in rice nurseries, rice and vegetable fields, and continuously remove excess rainwater from low-lying areas to prevent prolonged waterlogging. Undertake gap filling and transplanting only where field conditions permit.

In **Madhya Maharashtra**, maintain uninterrupted drainage in standing crops and continuously remove excess rainwater from crop fields to prevent prolonged waterlogging. Postpone irrigation, fertilizer and plant protection operations until field conditions improve.

In **Himachal Pradesh**, maintain continuous 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 **Punjab and Haryana**, maintain effective drainage in rice, maize, soybean, pigeon pea and groundnut fields and fruit orchards to prevent waterlogging. Postpone sowing of green gram until field conditions improve.

In **Jammu and Kashmir**, postpone sowing of kharif pulses until field conditions improve. Maintain effective drainage in rice, maize, green gram and black gram fields to prevent waterlogging.

In **Southern part of Rajasthan**, maintain continuous drainage and remove excess rainwater from low-lying soybean, maize, groundnut, cotton and pigeon pea fields to prevent prolonged waterlogging. Postpone irrigation, fertilizer and plant protection operations until field conditions improve.

In **Karnataka**, keep field drainage channels clear and maintain continuous drainage in paddy fields, orchards and vegetable fields to prevent prolonged waterlogging. Postpone field operations until field conditions become suitable.

In **Keralam**, maintain effective drainage in banana, coconut, cardamom, ginger, black pepper and vegetable fields 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 & abbreviations:

Region wise classification of meteorological Sub-Divisions:

- **Northwest India:** Western Himalayan Region (Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh and Uttarakhand); Punjab, Haryana Chandigarh & Delhi; West Uttar Pradesh, East Uttar Pradesh, West Rajasthan and East Rajasthan.

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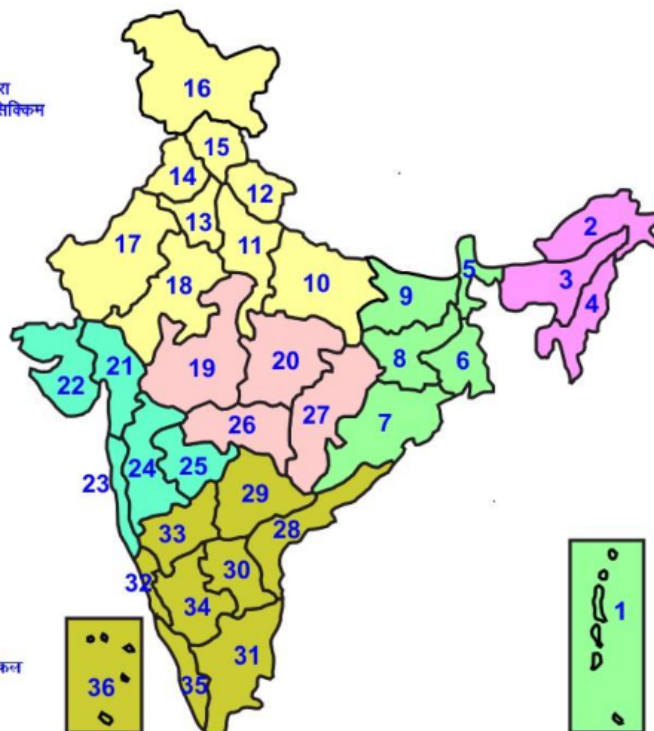
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- **Central India:** West Madhya Pradesh, East Madhya Pradesh, Vidarbha and Chhattisgarh.
- **East India:** Bihar, Jharkhand, Sub-Himalayan West Bengal & Sikkim; Gangetic West Bengal, Odisha and Andaman & Nicobar Islands.
- **Northeast India:** Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.
- **West India:** Gujarat Region, Saurashtra & Kutch, Coastal Maharashtra (Konkan) & Goa, Madhya Maharashtra and Marathawada.
- **South India:** Coastal Andhra Pradesh & Yanam, Telangana, Rayalaseema, Coastal Karnataka, North Interior Karnataka, South Interior Karnataka, Kerala & Mahe, Tamil Nadu, Puducherry & Karaikal and Lakshadweep.

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

Thunderstorm & Lightning

Strong surface winds

Cold Wave

Hot & Humid

Very Heavy Rain

Hailstorm

Heat Wave

Cold Day

Extremely Heavy Rain

Dust Storm

Hot Day

Ground Frost

Heavy Snow

Dust Raising Winds

Warm Night

Fog

*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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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)

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