



2026-07-09

Time of Issue: 13:48:00 hours IST
(Mid-Day)

ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN

Significant Weather Features

Advance of Southwest Monsoon 2026

- The **Southwest Monsoon** has further advanced into remaining parts of north Arabian Sea, Rajasthan, Haryana & Punjab, today the 09th July, 2026. Thus, it has covered the entire country on 09th July, 2026, against the normal date of 08th July (1 day after the normal date of covering the entire India).

Weather forecast and Warnings:

Northwest India:

- Fairly Widespread to Widespread** rainfall likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 9th-12th July; Himachal Pradesh and Uttarakhand during 9th-15th July.
- Fairly Widespread to Widespread** rainfall likely over Haryana Chandigarh & Delhi during 9th-10th July; West Uttar Pradesh during 9th-11th July; East Uttar Pradesh during 9th-13th July.
- Isolated to Scattered** rainfall likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 13th-15th July.
- Isolated to Scattered** rainfall likely over East Rajasthan, Punjab and West Rajasthan during 9th-15th July; Haryana Chandigarh & Delhi during 11th-15th July; West Uttar Pradesh during 12th-15th July; East Uttar Pradesh during 14th-15th July.
- Isolated thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 9th-15th July.
- Isolated thunderstorm, lightning & gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over West Rajasthan on 9th July.
- Isolated thunderstorm & lightning** likely over Uttarakhand during 9th-15th July; East Uttar Pradesh and West Uttar Pradesh on 9th July; East Rajasthan during 9th-10th July.
- Isolated heavy rainfall** likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 11th-12th July; and Uttarakhand during 9th-15th July; Punjab on 9th July and during 11th-12th July; Haryana Chandigarh & Delhi during 10th-13th July; West Uttar Pradesh on 9th July and on 11th July; East Uttar Pradesh during 12th-13th July; East Rajasthan on 9th July with isolated **very heavy rainfall** also likely over Himachal Pradesh, Haryana Chandigarh & Delhi on 9th July; West Uttar Pradesh on 10th July; East Uttar Pradesh during 9th-11th July.
- Heavy to very heavy rainfall with extremely heavy rainfall likely at isolated places over Uttarakhand on 09th & 10th; over West Uttar Pradesh on 09th July.**
- Moderate to intense lightning activity over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad on 11th; East Uttar Pradesh on 12th July.**

Central India:

- Fairly Widespread to Widespread** rainfall likely over West Madhya Pradesh on 9th July; East Madhya Pradesh during 9th-10th July and on 15th July; Vidarbha on 9th July and during 14th-15th July; Chhattisgarh on 9th July and during 13th-15th July.
- Isolated to Scattered** rainfall likely over West Madhya Pradesh during 10th-15th July; East Madhya Pradesh during 11th-14th July; Vidarbha during 10th-13th July; Chhattisgarh during 10th-12th July.
- Isolated thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over East Madhya Pradesh and West Madhya Pradesh during 9th-13th July, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Vidarbha during 10th-13th July.
- Isolated thunderstorm & lightning** likely over Chhattisgarh during 9th-13th July.
- Isolated heavy rainfall** likely over Chhattisgarh and West Madhya Pradesh on 9th July; East Madhya Pradesh during 9th-10th July.

East India:

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- **Isolated to Scattered** rainfall likely over Andaman & Nicobar Islands during 9th-11th July and on 15th July; Jharkhand during 9th-11th July; Bihar on 9th July and during 12th-15th July; Odisha during 9th-15th July.
- **Fairly Widespread to Widespread** rainfall likely over Andaman & Nicobar Islands during 12th-14th July; Gangetic West Bengal and Sub-Himalayan West Bengal & Sikkim during 9th-15th July; Jharkhand during 12th-15th July; Bihar during 10th-11th July.
- **Isolated thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Andaman & Nicobar Islands during 10th-15th July; Gangetic West Bengal during 9th-10th July; Jharkhand during 9th-13th July, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Andaman & Nicobar Islands on 9th July; Bihar, Odisha and Sub-Himalayan West Bengal & Sikkim during 9th-15th July; Gangetic West Bengal during 11th-15th July.
- **Isolated heavy rainfall** likely over Sub-Himalayan West Bengal & Sikkim during 11th-15th July; Gangetic West Bengal during 9th-13th July; Jharkhand on 13th July; Bihar during 10th-12th July; Odisha during 13th-14th July with isolated **very heavy rainfall** also likely over Sub-Himalayan West Bengal & Sikkim during 9th-10th July; Bihar on 9th July.

Northeast India:

- **Fairly Widespread to Widespread** rainfall likely over Arunachal Pradesh during 9th-10th July and during 13th-15th July; Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during 9th-15th July.
- **Isolated to Scattered** rainfall likely over Arunachal Pradesh during 11th-12th July.
- **Isolated thunderstorm & lightning** likely over Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during 9th-13th July.
- **Isolated heavy rainfall** likely over Arunachal Pradesh and Assam & Meghalaya during 11th-15th July; Nagaland, Manipur, Mizoram & Tripura during 9th-11th July with isolated **very heavy rainfall** also likely over Arunachal Pradesh and Assam & Meghalaya during 9th-10th July.

West India:

- **Fairly Widespread to Widespread** rainfall likely over Konkan & Goa during 9th-15th July.
- **Isolated to Scattered** rainfall likely over Gujarat Region, Madhya Maharashtra, Marathwada and Saurashtra & Kutch during 9th-15th July.
- **Isolated heavy rainfall** likely over Konkan & Goa on 9th July; Madhya Maharashtra on 10th July with isolated **very heavy rainfall** also likely over Madhya Maharashtra on 9th July.

South Peninsular India:

- **Isolated to Scattered** rainfall likely over Coastal Andhra Pradesh & Yanam, North Interior Karnataka, South Interior Karnataka and Tamil Nadu, Puducherry & Karaikal during 9th-15th July; Kerala & Mahe during 11th-15th July; Lakshadweep and Telangana during 10th-15th July; Rayalaseema during 9th-11th July and during 14th-15th July.
- **Fairly Widespread to Widespread** rainfall likely over Kerala & Mahe during 9th-10th July; Lakshadweep and Telangana on 9th July; Coastal Karnataka during 9th-15th July.
- **Isolated thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Coastal Karnataka, North Interior Karnataka, South Interior Karnataka and Tamil Nadu, Puducherry & Karaikal during 9th-10th July; Coastal Andhra Pradesh & Yanam during 9th-15th July; Rayalaseema during 9th-11th July and during 14th-15th July; Telangana during 10th-15th July, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Coastal Karnataka, North Interior Karnataka, South Interior Karnataka and Tamil Nadu, Puducherry & Karaikal during 11th-15th July.
- **Isolated heavy rainfall** likely over Coastal Karnataka and Tamil Nadu, Puducherry & Karaikal during 9th-10th July; Kerala & Mahe and South Interior Karnataka on 10th July; North Interior Karnataka on 9th July with isolated **very heavy rainfall** also likely over Kerala & Mahe and South Interior Karnataka on 9th July.
- **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Telangana on 9th July.
- **Strong Surface Winds** likely over Lakshadweep during 9th-10th July; Coastal Karnataka, North Interior Karnataka, Rayalaseema, South Interior Karnataka and Telangana during 9th-15th July; Coastal Andhra Pradesh & Yanam during 12th-15th July.

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Fishermen Warning:

Arabian Sea:

- Along and off Somalia, Oman, over some parts of central and adjoining some parts of north Arabian Sea during 09th to 14th July; along and off Gujarat during 11th to 13th July, Karnataka, Kerala coasts, over Lakshadweep area coasts and adjoining sea area during 09th to 11th July.

Bay of Bengal:

- Over Andaman Sea, south Myanmar coasts adjoining eastcentral & northeast Bay of Bengal during 10th to 14th July and over some parts of central and south Bay of Bengal during 12th to 14th July; along and off West Bengal coasts during 09th to 11th July; Odisha coasts, north Andhra Pradesh off south Andhra Pradesh coasts on 09th July and north Andhra Pradesh on 10th July.



Main Weather Observations:

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

❖ **Significant rainfall recorded(in cm)** (from 0830 hours IST of yesterday to 0830 hours IST of today): **West Uttar Pradesh:** Najibabad (t) (dist Bijnor) 31; Jalesar (dist Etah) 22; Gunnaur (dist Sambhal) 20; Sikandra Rao (dist Hathras) 18; Bijnor (dist Bijnor), Nagina (dist Bijnor) 16 Each; Agra (CWC) (dist Agra) 15; Mawana (dist Meerut) 14; Tilhar (dist Shahjahanpur), Muzaffarnagar (dist Muzaffarnagar) 13 Each; Jansath (dist Muzaffarnagar), Narora (dist Bulandshahar) 12 Each; Jasrana (dist Firozabad), Meerut (dist Meerut), Budhana (dist Muzaffarnagar) 11 Each; Sasani (dist Hathras), Agra (dist Agra), Sadabad (dist Hathras), Sardhana (dist Meerut), Deoband (dist Saharanpur) 10 Each; Tundla (dist Firozabad), Muzaffarnagar(t) (dist Muzaffarnagar) 9 Each; Meerut Teh (dist Meerut), Chandpur (dist Bijnor), Baghpat (dist Baghpat) 8 Each; Etmadpur (dist Agra), Chandausi (dist Sambhal), Aligarh (dist Aligarh), Sikandarabad (dist Bulandshahar), Saharanpur (dist Saharanpur) 7 Each; **Assam & Meghalaya:** Mawkyrwat (dist South West Khasi Hills) 24; Cherrapunji (dist East Khasi Hills) 22; Cherrapunji(rkm) (dist East Khasi Hills) 21; Williamnagar (dist East Garo Hills) 20; Williamnagar AWS (dist East Garo Hills), Mawsynram (dist East Khasi Hills) 19 Each; Mawkyrwat AWS (dist South West Khasi Hills) 18; Rattachera (dist East Jaintia Hills) 15; Karimganj (dist Sribhumi) 12; Shella (dist East Khasi Hills) 11; Nongstain AWS (dist West Khasi Hills), Tura Dlrsl (dist West Garo Hills) 9 Each; Moranhat (dist Dibrugarh), Chauldhowaghat (dist Lakhimpur), Biswanath Chariali AWS (dist Biswanath), Nongstein (dist West Khasi Hills) 7 Each; **Uttarakhand:** Kashipur (dist Udham Singh Nagar) 21; Jaspur (dist Udham Singh Nagar) 19; Laksar (dist Hardwar) 18; Kotdwara (dist Garhwal Pauri) 16; Hardwar (dist Hardwar), Roorkee (dist Hardwar) 13 Each; Betalghat (dist Nainital) 12; Tehri (CWC) (dist Garhwal Tehri), Roshnabad (dist Hardwar), Nainital (dist Nainital) 11 Each; Mukteshwar (dist Nainital), Deoprayag (dist Garhwal Tehri), Keertinagar (dist Garhwal Tehri), Narendranagar (dist Garhwal Tehri), Dhanaulti (dist Garhwal Tehri) 10 Each; Pauri (dist Garhwal Pauri), Ranikhet (g) (dist Almora) 9 Each; Tehri (dist Garhwal Tehri), Chaukhutia (dist Almora), Jollygrant (dist Dehradun) 8 Each; Mussoorie (dist Dehradun), Dehra Dun (dist Dehradun), Dwarhat (dist Almora), Srinagar (dist Garhwal Pauri) 7 Each; **Tamil Nadu, Puducherry & Karaikal:** Chinnakalar (dist Coimbatore) 18; Sholayar (dist Coimbatore) 10; Valparai Taluk Office (dist Coimbatore), Cincona (dist Coimbatore), Valparai Pap (dist Coimbatore) 9 Each; Upasi Tea Research AWS (dist Coimbatore), Avalanche (dist Nilgiris) 8 Each; Upper Bhavani (dist Nilgiris) 7; **Haryana-Chandigarh-Delhi:** David Model School (dist North East Delhi), Sps Mayur Vihar (dist East Delhi) 16 Each; Delhi University Obs (dist Central Delhi) 9; Bahadurgarh (dist Jhajjar), Lodi Road (dist South East Delhi), Pusa AWS (dist West Delhi), Pharma Sci And Univ (dist South Delhi), Delhi Ridge (dist Central Delhi) 8 Each; Ignou University (dist South Delhi), Uchani AWS (dist Karnal), Lodi Road AWS (dist South East Delhi), Safdarjung (dist South East Delhi) 7 Each; **Madhya Maharashtra:** Mahabaleshwar (dist Satara), Trimbakshwar (dist Nashik) 15 Each; Lonavala ARG (dist Pune) 13; Radhanagari (dist Kolhapur) 12; Jamner (dist Jalgaon) 7; **Kerala & Mahe:** Ayyankunnu AWS (dist Cannur) 14; Nilambur (dist Malappuram), Urumi AWS (dist Kozhikode), Nilambur AWS (dist Malappuram), Pothundy Dam AWS (dist Palakkad) 12 Each; Pattermbi (dist Palakkad) 10; Ottapalam (dist Palakkad), Chalakudi (dist Thrissur), Angadipuram (dist Malappuram) 9 Each; Vyttili (dist Wynaad), Ambalavayal (dist Wynaad), Palakkad (dist Palakkad), Mangalam Dam AWS (dist Palakkad), Malampuzha Dam AWS (dist Palakkad), Mannarkkad AWS (dist Palakkad) 8 Each; Irinjalakuda (dist Thrissur), Mannarkkad (dist Palakkad), Alathur (dist Palakkad), Kanjirapuzha ARG (dist Palakkad), Chamberi AWS (dist Cannur), Ottapalam AWS (dist Palakkad), Karapuzha AWS (dist Wynaad) 7 Each; **Sub Himalayan West Bengal & Sikkim:** Kalimpong (dist Kalimpong) 14; Darjeeling (dist Darjeeling), Washabari Tea Estate (dist Jalpaiguri) 13 Each; Sevoke (dist Darjeeling), Gajoldoba (dist Jalpaiguri) 11 Each; Saraswatipur Tea Estate (dist Jalpaiguri), Siliguri PTO (dist Darjeeling) 10 Each; Champasari (dist Darjeeling), Amfu Kalimpong (dist Kalimpong), Oodlabari Tea Estate (dist Jalpaiguri) 9 Each; Soreng ARG (dist Soreng), Alipurduar PTO (dist Alipurduar), Amfu Pundibari (dist Cooch Behar) 8 Each; Malda (dist Malda), Amfu Majhian (dist South Dinajpur), Kailashpur Tea Estate (dist Jalpaiguri) 7 Each; **Nagaland, Manipur, Mizoram & Tripura:** Khowai (dist Khowai) 14; Chhamonu (dist Dhalai) 13; Amarapur (dist Gomati) 12; Kailashahar AP (dist Unakoti), Sabroom (dist South Tripura), Sabroom AWS (dist South Tripura), Teliamura Barage AWS (dist Khowai),

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Tulashikhar AWS (dist Khowai) 11 Each; Kailashahar AWS (dist Unakoti), Amarpur ARG (dist Gomati) 10 Each; Dharmanagar/panisagar (dist North Tripura), Gandehera (dist Dhalai), Kvkpanisagar Agro/Aws (dist North Tripura) 9 Each; Kamalpur (dist Dhalai), Kamalpur AWS (dist Dhalai), Lembuchhera (dist West Tripura), Kvk Dhalai (dist Dhalai), Lembuchhera Agro/Aws (dist West Tripura), Ghilatali AWS (dist Khowai), Chawnhu AWS (dist Lawngtlai) 8 Each; Hezamara AWS (dist West Tripura), Ambassa AWS (dist Dhalai) 7 Each; **Konkan & Goa:** Sudhagad Pali (dist Raigad), Mahad (dist Raigad), Poladpur (dist Raigad) 14 Each; Mandangad (dist Ratnagiri) 12; Panvel ARG (dist Raigad) 11; Matheran (dist Raigad) 10; Thane (dist Thane), Murbad (dist Thane) 9 Each; Mangaon (dist Raigad), Pawarwadi - ARG (dist Ratnagiri), Karjat ARG (dist Raigad) 8 Each; Khed (dist Ratnagiri) 7; **Bihar:** Amdabad (dist Katihar) 11; Tribeni/Balmikinagar (dist West Champaran) 7; **East Uttar Pradesh:** Nichlaul (dist Maharajganj) 10; Uska Bazar Fmo (dist Siddharth Nagar) 8; **South Interior Karnataka:** Agumbe AWS (dist Shivamogga) 9; Bhagamandala (dist Kodagu) 8; Napoklu (dist Kodagu) 7; **West Madhya Pradesh:** Jhirnya (dist Khargone) 9; Ater (dist Bhind) 7; **East Rajasthan:** Badesar SR (dist Chittorgarh), Nimbahera (dist Chittorgarh) 9 Each; Bayana (dist Bharatpur) 8; Pahari SR (dist Bharatpur) 7; **Arunachal Pradesh:** Deomali AWS (dist Tirap) 8; **Vidarbha:** Jalgaon Jamod (dist Buldhana) 7; **East Madhya Pradesh:** Palera (dist Tikamgarh) 7.

❖ **Heavy Rainfall observed** (from 0830 hours IST of yesterday to 0830 hours IST of today): **Extremely heavy rain** at isolated places over Assam & Meghalaya, West Uttar Pradesh and Uttarakhand. **Heavy to very heavy rain** at isolated places over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Sub Himalayan West Bengal & Sikkim, West Uttar Pradesh, Uttarakhand, Haryana-Chandigarh-Delhi, Konkan & Goa, Madhya Maharashtra, Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe. **Heavy rain** at a few places over Uttarakhand and at isolated places over Arunachal Pradesh, Bihar, East Uttar Pradesh, East Rajasthan, West Madhya Pradesh, East Madhya Pradesh, Vidarbha and South Interior Karnataka.

❖ **Thunderstorm accompanied with Squally/Gusty winds with speed reaching 60-80 kmph** Kerala, Marathwada, East Uttar Pradesh, Uttarakhand **with speed reaching 40-60 kmph** at isolated places over Andaman & Nicobar Islands, Odisha, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Haryana, West Uttar Pradesh, Rajasthan, Madhya Pradesh, Vidarbha, Konkan, Madhya Maharashtra, Kutch, Tamil Nadu, Puducherry & Karaikal, Telangana, Karnataka

❖ **Minimum Temperature Departures (as on 09-07-2026):** **markedly above normal(> 5.1°C)** at isolated places over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Odisha, Bihar, East Uttar Pradesh, West Uttar Pradesh, Himachal Pradesh, West Rajasthan, West Madhya Pradesh, East Madhya Pradesh, Gujarat Region and Saurashtra & Kutch. **appreciably above normal(3.1°C to 5.0°C)** at few places over East Madhya Pradesh; at isolated places over Andaman & Nicobar Islands, Assam & Meghalaya, Sub Himalayan West Bengal & Sikkim, Odisha, Bihar, East Uttar Pradesh, West Uttar Pradesh, West Madhya Pradesh, Konkan & Goa, Madhya Maharashtra, Coastal Andhra Pradesh & Yanam and Tamil Nadu, Puducherry & Karaikal. **above normal(1.6°C to 3.0°C)** at many places over Andaman & Nicobar Islands, Konkan & Goa, Coastal Andhra Pradesh & Yanam, Coastal Karnataka and Lakshadweep; at few places over Gangetic West Bengal, Bihar, Rayalaseema and Tamil Nadu, Puducherry & Karaikal; at isolated places over Sub Himalayan West Bengal & Sikkim, Odisha, Jharkhand, East Uttar Pradesh, Uttarakhand, Punjab, Himachal Pradesh, West Rajasthan, East Rajasthan, West Madhya Pradesh, Gujarat Region, Saurashtra & Kutch, Madhya Maharashtra, Vidarbha, Chhattisgarh and South Interior Karnataka. **near normal(-1.5°C to 1.5°C)** at many places over Assam & Meghalaya, Gangetic West Bengal, Odisha, Jharkhand, East Uttar Pradesh, West Uttar Pradesh, Uttarakhand, Punjab, Gujarat Region, Saurashtra & Kutch and Madhya Maharashtra; at most places over Arunachal Pradesh, Nagaland, Manipur, Mizoram & Tripura, Marathwada, Vidarbha, Chhattisgarh, Telangana, North Interior Karnataka, South Interior Karnataka and Kerala & Mahe; at few places over Sub Himalayan West Bengal & Sikkim, Bihar, Haryana-Chandigarh-Delhi, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, West Rajasthan, East Rajasthan, West Madhya Pradesh, East Madhya Pradesh, Rayalaseema, Tamil Nadu, Puducherry & Karaikal, Coastal Karnataka and Lakshadweep; at isolated places over Andaman & Nicobar Islands, Konkan & Goa and Coastal Andhra Pradesh & Yanam. **The lowest minimum temperature** of 18.0°C was reported at HALFLONG (ASSAM) over the Plains of India.

❖ **Maximum Temperature Departures (as on 08-07-2026):** **markedly above normal(> 5.1°C)** at many places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad; at few places over Arunachal Pradesh; at isolated places over Assam & Meghalaya, Himachal Pradesh, West Rajasthan and Tamil Nadu, Puducherry & Karaikal. **appreciably above normal(3.1°C to 5.0°C)** at isolated places over Saurashtra & Kutch and Coastal Andhra Pradesh & Yanam. **above normal(1.6°C to 3.0°C)** at isolated places over Punjab. **near normal(-1.5°C to 1.5°C)** at many places over

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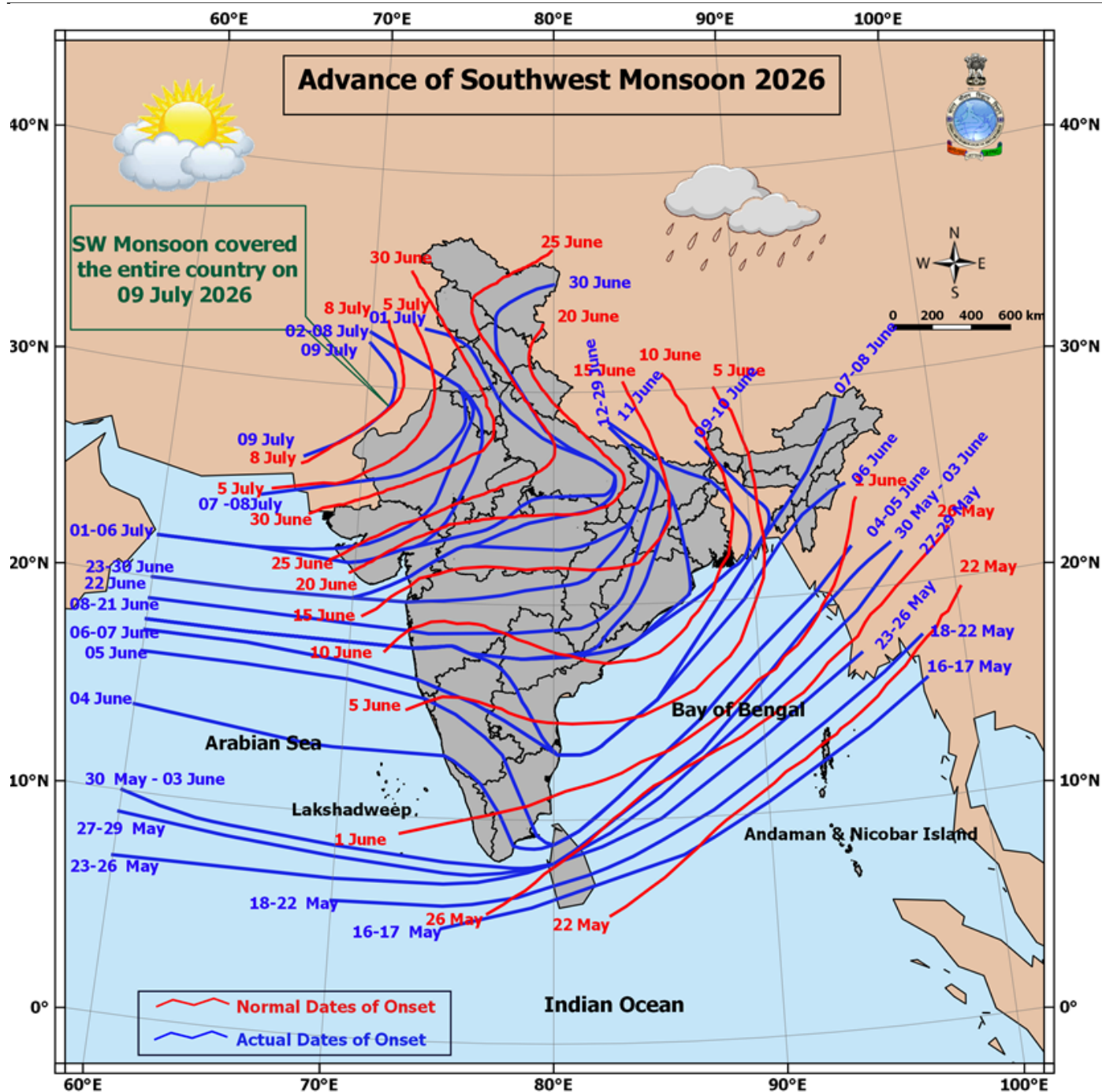


Lakshadweep; at few places over Andaman & Nicobar Islands, Nagaland, Manipur, Mizoram & Tripura, Sub Himalayan West Bengal & Sikkim and Konkan & Goa; at isolated places over Gangetic West Bengal, Odisha, Bihar, West Uttar Pradesh, Uttarakhand, Haryana-Chandigarh-Delhi, East Rajasthan, Telangana, Rayalaseema and Kerala & Mahe. **The highest maximum temperature** of 41.6°C was reported at JAISALMER (RAJASTHAN).



Meteorological Analysis (Based on 0830 hours IST)

- The **Southwest Monsoon** has further advanced into remaining parts of north Arabian Sea, Rajasthan, Haryana & Punjab, today the 09th July, 2026. Thus, it has covered the entire country on 09th July, 2026, against the normal date of 08th July (1 day after the normal date of covering the entire India).
- The **Well Marked Low Pressure** area over Northwest Madhya Pradesh & adjoining Southwest Uttar Pradesh now lay over southwest Uttar Pradesh & neighbourhood at 0830 hrs IST of today, the 9th July 2026. The associated cyclonic circulation now extends upto 7.6 km above mean sea level. It is very likely to move slowly northeastwards and weaken gradually during next 24 hours.
- The **Monsoon trough** at mean sea level passes through Anupgarh, Rohtak, centre of the Well Marked low pressure area over southwest Uttar Pradesh, Fursatganj, Dehri, Dhanbad, Bankura, Digha and thence east-southeastwards to northeast Bay of Bengal.
- The **off-shore trough** at mean sea level now runs from south Gujarat to north Kerala.
- The **Western Disturbance** now seen as cyclonic circulation over North Pakistan & neighbourhood at 5.8 km above mean sea level.
- An **upper air cyclonic circulation** lies over north Bihar & neighbourhood at 5.8 km above mean sea level.
- An **upper air cyclonic circulation** lies over east Bangladesh & neighbourhood between 3.1 & 7.6 km above mean sea level tilting southwards with height.
- The **upper air cyclonic circulation** over northeast Assam persists and now lay at 0.9 km above mean sea level.
- The **trough** from Northeast Arabian Sea to Sikkim across Gujarat, cyclonic circulation associated with **Well Marked Low Pressure** area over Northeast Madhya Pradesh & adjoining Southeast Uttar Pradesh, and Bihar between 3.1 & 7.6 km above mean sea level has become less marked.

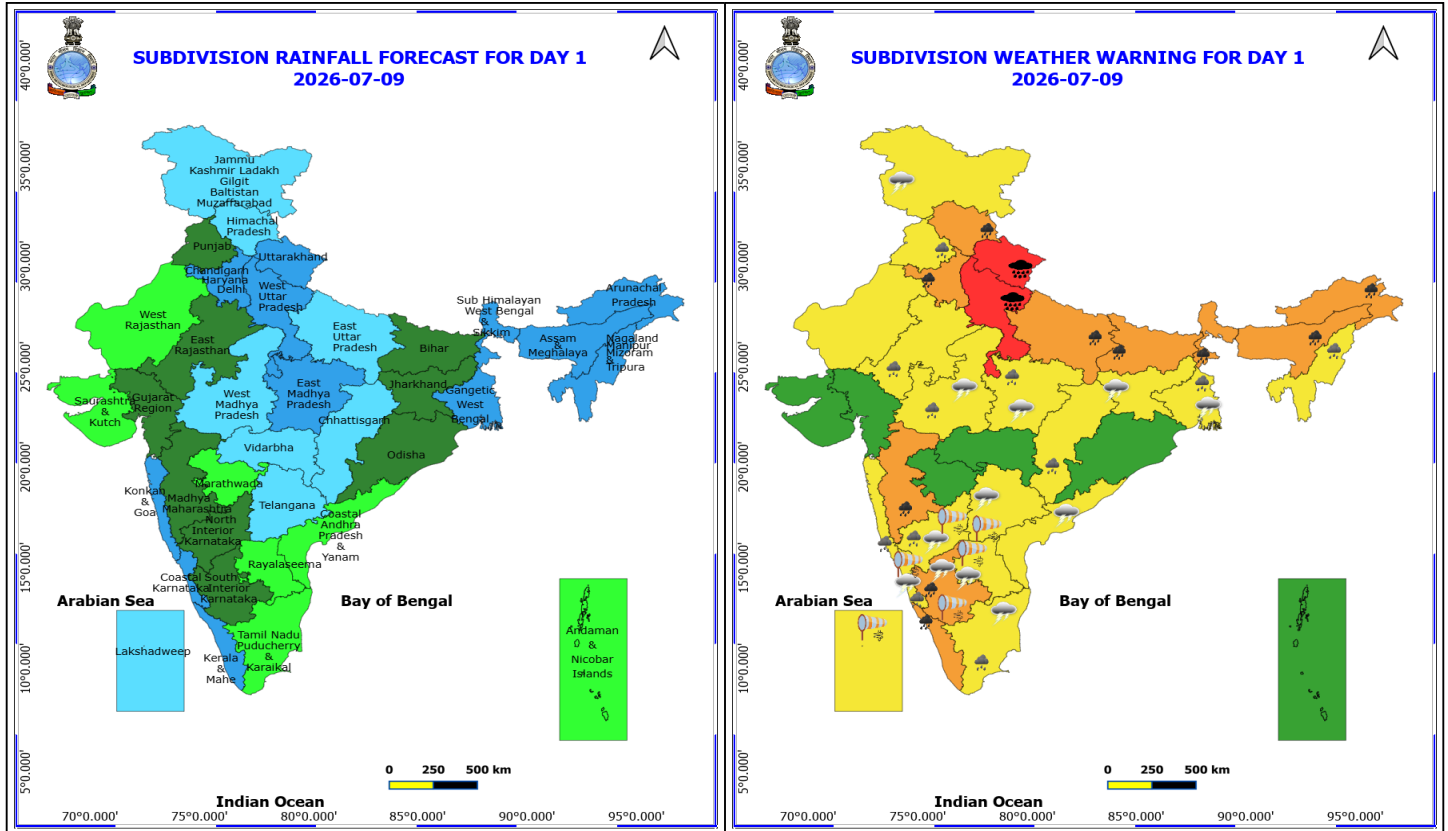


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9 July (Day 1)

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

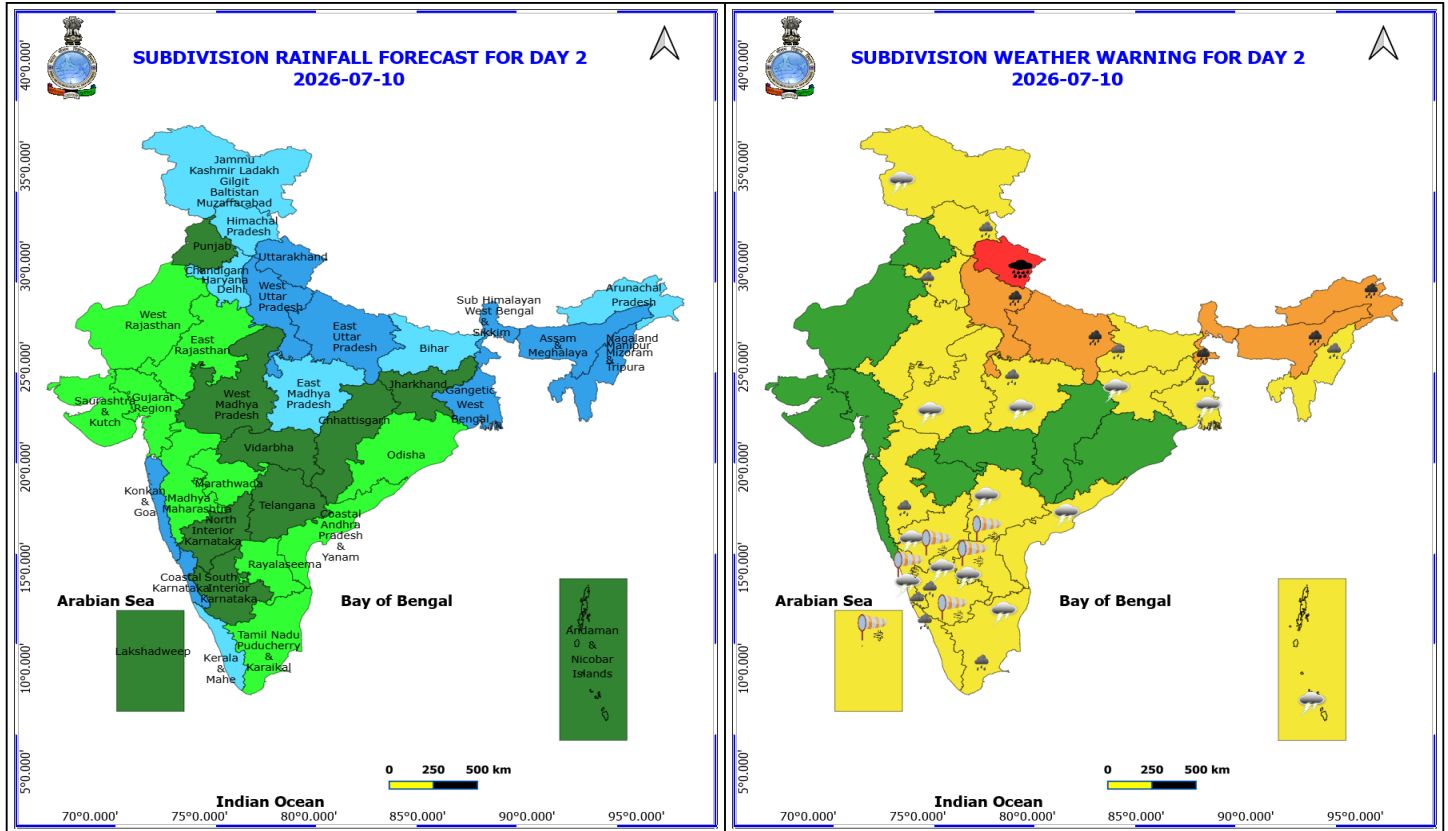
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- ❖ **Arabian Sea: Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail over many parts of central adjoining some parts of southwest & few parts of north Arabian Sea, along and off Somalia & Oman coasts and adjoining sea areas.
- ❖ **Squally weather with wind speed 40-50 kmph gusting to 60 kmph** is likely to prevail along & off Karnataka, Kerala coasts, Lakshadweep area and adjoining eastcentral & northeast Arabian Sea.
- ❖ **Bay of Bengal: Squally Weather with wind speed 40-50 kmph gusting to 60 kmph** is likely to prevail along and off north Andhra Pradesh off south Andhra Pradesh coasts, Odisha, Gangetic West Bengal, over south Myanmar adjoining northeast & eastcentral Bay of Bengal.



10 July (Day 2)

- ❖ **Heavy to Very Heavy Rainfall with isolated Extremely Heavy Rainfall** very likely at isolated places over Uttarakhand.
- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Sub Himalayan West Bengal & Sikkim and Uttar Pradesh.
- ❖ **Heavy Rainfall** very likely at isolated places over Bihar, Coastal Karnataka, East Madhya Pradesh, Gangetic West Bengal, Haryana, Chandigarh & Delhi, Himachal Pradesh, Kerala & Mahe, Madhya Maharashtra, Nagaland, Manipur, Mizoram and Tripura, South Interior Karnataka and Tamil Nadu Puducherry & Karaikal.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Andaman & Nicobar Islands, Andhra Pradesh, Gangetic West Bengal, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, Karnataka, Madhya Pradesh, Tamil Nadu Puducherry & Karaikal and Telangana.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Bihar, Odisha, Sub Himalayan West Bengal & Sikkim and Vidarbha.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, East Rajasthan, Nagaland, Manipur, Mizoram and Tripura and Uttarakhand.
- ❖ **Strong Surface Winds** very likely at isolated places over Karnataka, Lakshadweep, Rayalaseema and Telangana.
- ❖ **Arabian Sea: Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail over many parts of central adjoining few parts of southwest & north Arabian Sea; Somalia & Oman coasts and adjoining sea areas.

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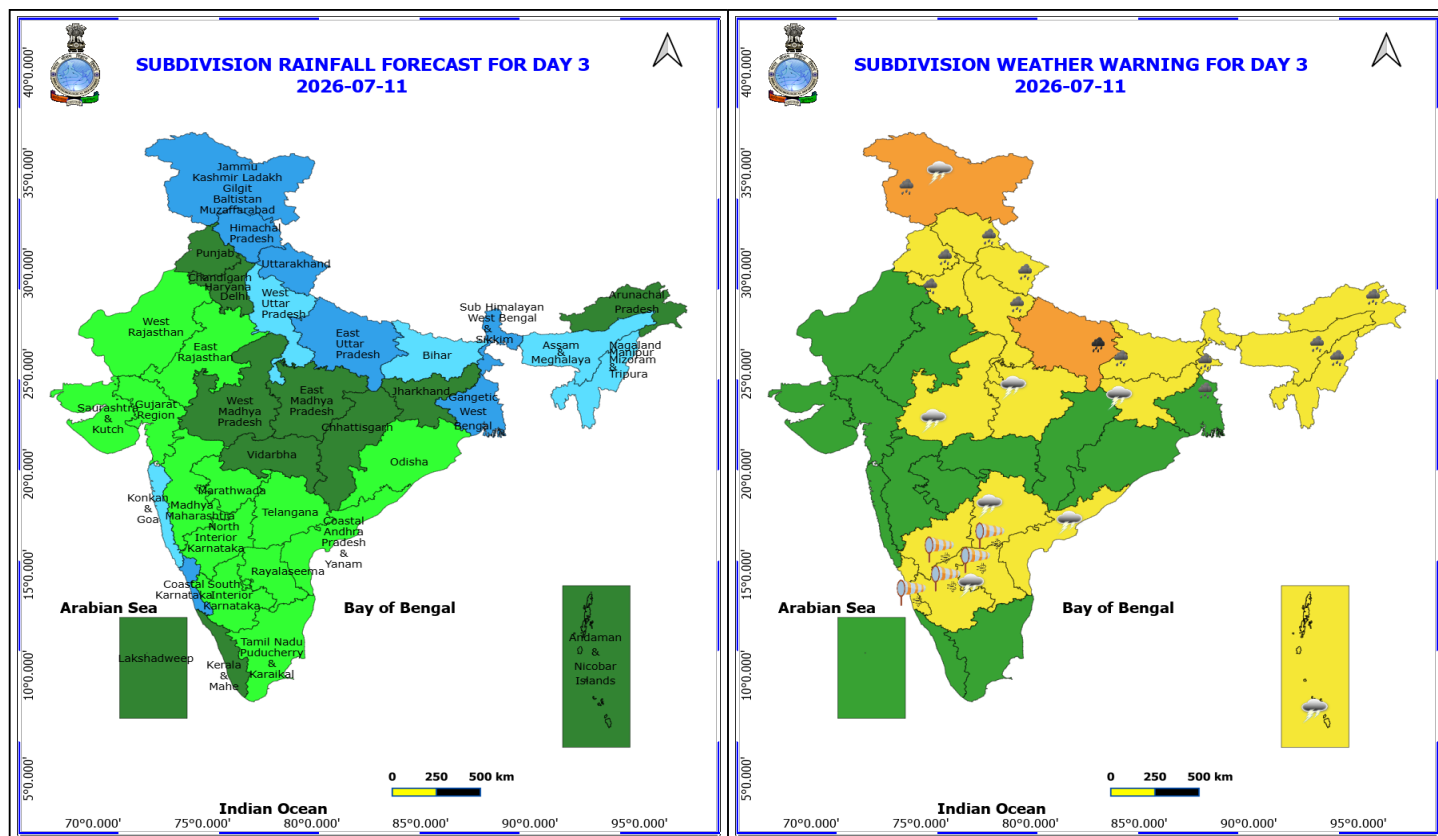
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❖ **Squally weather with wind speed 40-50 gusting to 60 kmph** is likely to prevail along & off Karnataka, Kerala coasts, Lakshadweep area and adjoining eastcentral & northeast Arabian Sea.

❖ **Bay of Bengal: Squally Weather with wind speed 40-50 kmph gusting to 60 kmph** is likely to prevail along and off north Andhra Pradesh coasts, Gangetic West Bengal coasts, over Andaman Sea, south Myanmar adjoining eastcentral & northeast Bay of Bengal.



11 July (Day 3)

- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over East Uttar Pradesh.
- ❖ **Heavy Rainfall** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Bihar, Haryana, Chandigarh & Delhi, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Nagaland, Manipur, Mizoram and Tripura, Punjab, Uttarakhand, West Bengal & Sikkim and West Uttar Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Andaman & Nicobar Islands, Andhra Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, Madhya Pradesh and Telangana.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Bihar, Karnataka, Odisha, Tamil Nadu Puducherry & Karaikal, Vidarbha and West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Nagaland, Manipur, Mizoram and Tripura and Uttarakhand.
- ❖ **Strong Surface Winds** very likely at isolated places over Karnataka, Rayalaseema and Telangana.
- ❖ **Arabian Sea: Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail over some parts of central adjoining few parts of north Arabian Sea, along and off few parts of Gujarat coasts adjoining northeast Arabian Sea, Somalia adjoining southwest Arabian sea & Oman coasts.
- ❖ **Bay of Bengal: Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail over some parts of Andaman Sea.
- ❖ **Squally Weather with wind speed 40-50 kmph gusting to 60 kmph** is likely to prevail over south Andaman Sea,

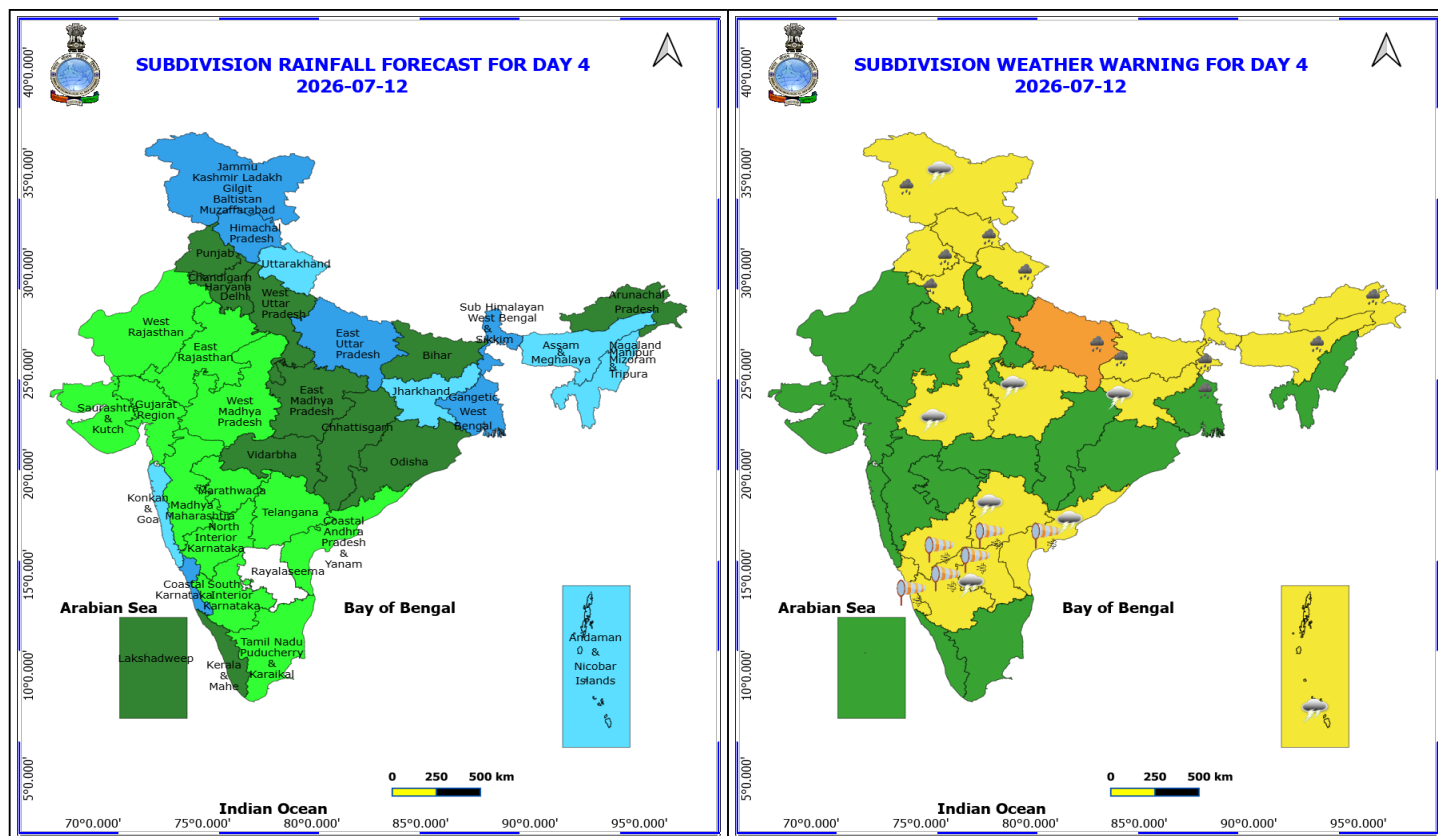
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south Myanmar adjoining eastcentral & northeast Bay of Bengal.



12 July (Day 4)

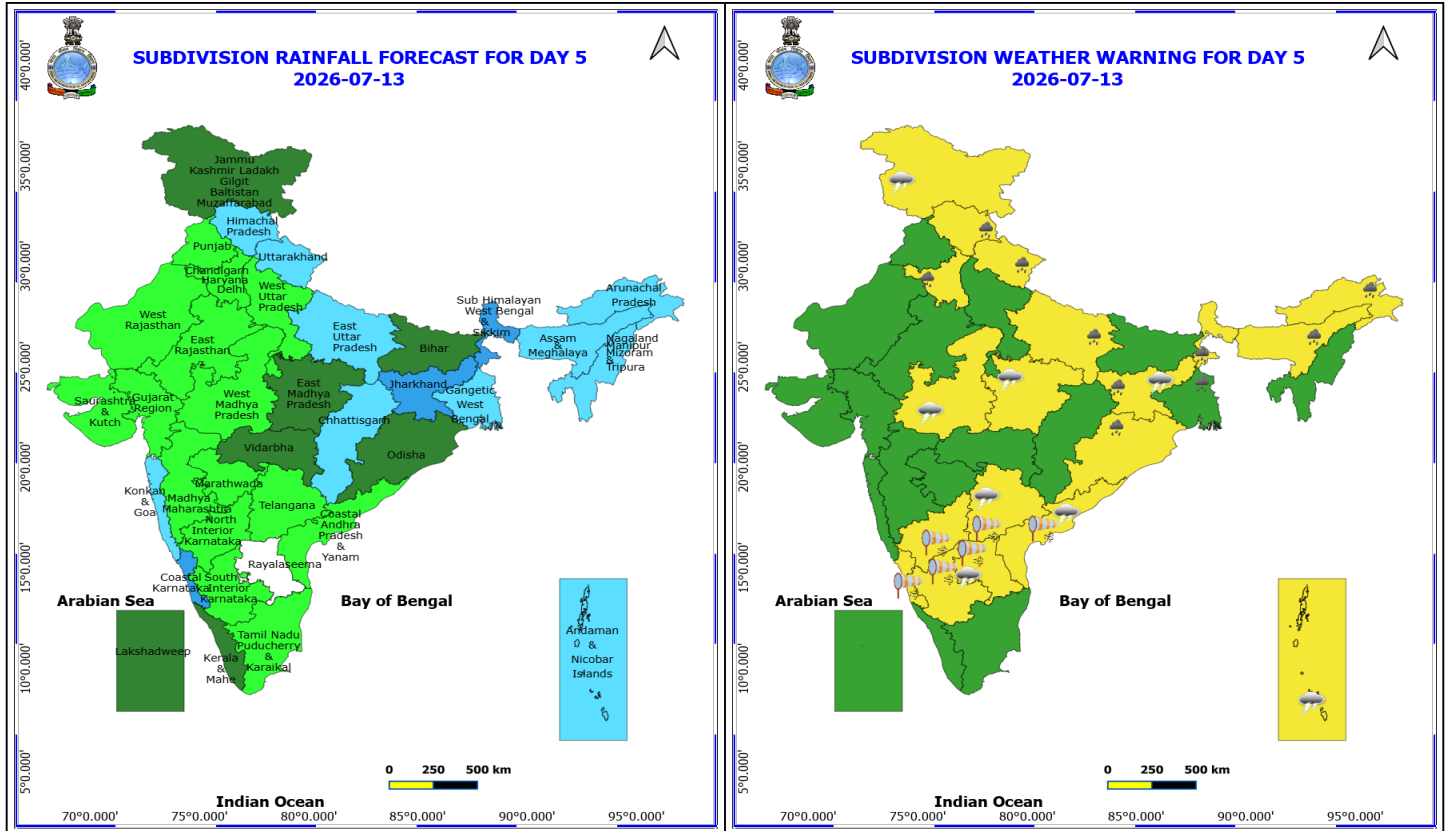
- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Bihar, East Uttar Pradesh, Haryana, Chandigarh & Delhi, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Punjab, Uttarakhand and West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands, Andhra Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, Madhya Pradesh and Telangana.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Bihar, Karnataka, Odisha, Tamil Nadu Puducherry & Karaikal, Vidarbha and West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Nagaland, Manipur, Mizoram and Tripura and Uttarakhand.
- ❖ **Strong Surface Winds** likely at isolated places over Andhra Pradesh, Karnataka and Telangana.
- ❖ **Arabian Sea: Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail over some parts of central adjoining few parts of north & southwest Arabian Sea, along and off Gujarat adjoining northeast Arabian Sea, Somalia & Oman coasts and adjoining sea areas.
- ❖ **Bay of Bengal: Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail over some parts of Andaman Sea adjoining eastcentral Bay of Bengal, some parts of south & westcentral Bay of Bengal.
- ❖ **Squally Weather with wind speed 40-50 kmph gusting to 60 kmph** is likely to prevail over south Myanmar adjoining few parts of eastcentral Bay of Bengal adjoining few parts of Andaman sea.

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13 July (Day 5)

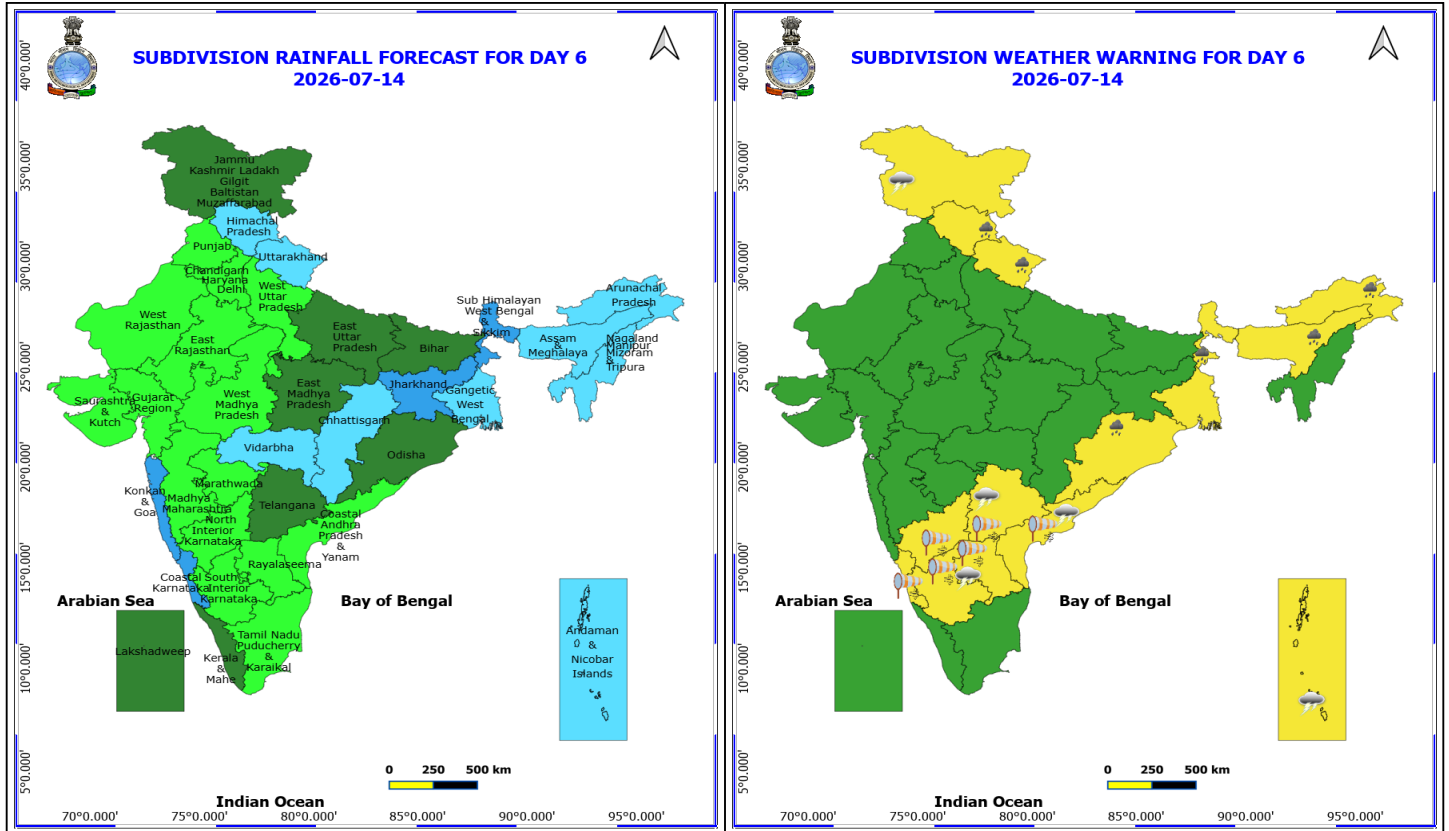
- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, East Uttar Pradesh, Haryana, Chandigarh & Delhi, Himachal Pradesh, Jharkhand, Odisha, Uttarakhand and West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands, Andhra Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, Madhya Pradesh and Telangana.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Bihar, Karnataka, Odisha, Tamil Nadu Puducherry & Karaikal, Vidarbha and West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Nagaland, Manipur, Mizoram and Tripura and Uttarakhand.
- ❖ **Strong Surface Winds** likely at isolated places over Andhra Pradesh, Karnataka and Telangana.
- ❖ **Arabian Sea: Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail over some parts of central adjoining few parts of north & southwest Arabian Sea, along and off Somalia & Oman coasts and adjoining sea areas.
- ❖ **Bay of Bengal: Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail over some parts of Andaman Sea adjoining some parts of south Bay of Bengal.
- ❖ **Squally Weather with wind speed 40-50 kmph gusting to 60 kmph** is likely to prevail over south Myanmar adjoining few parts of eastcentral Bay of Bengal adjoining few parts of Andaman sea, some parts of south & central Bay of Bengal.

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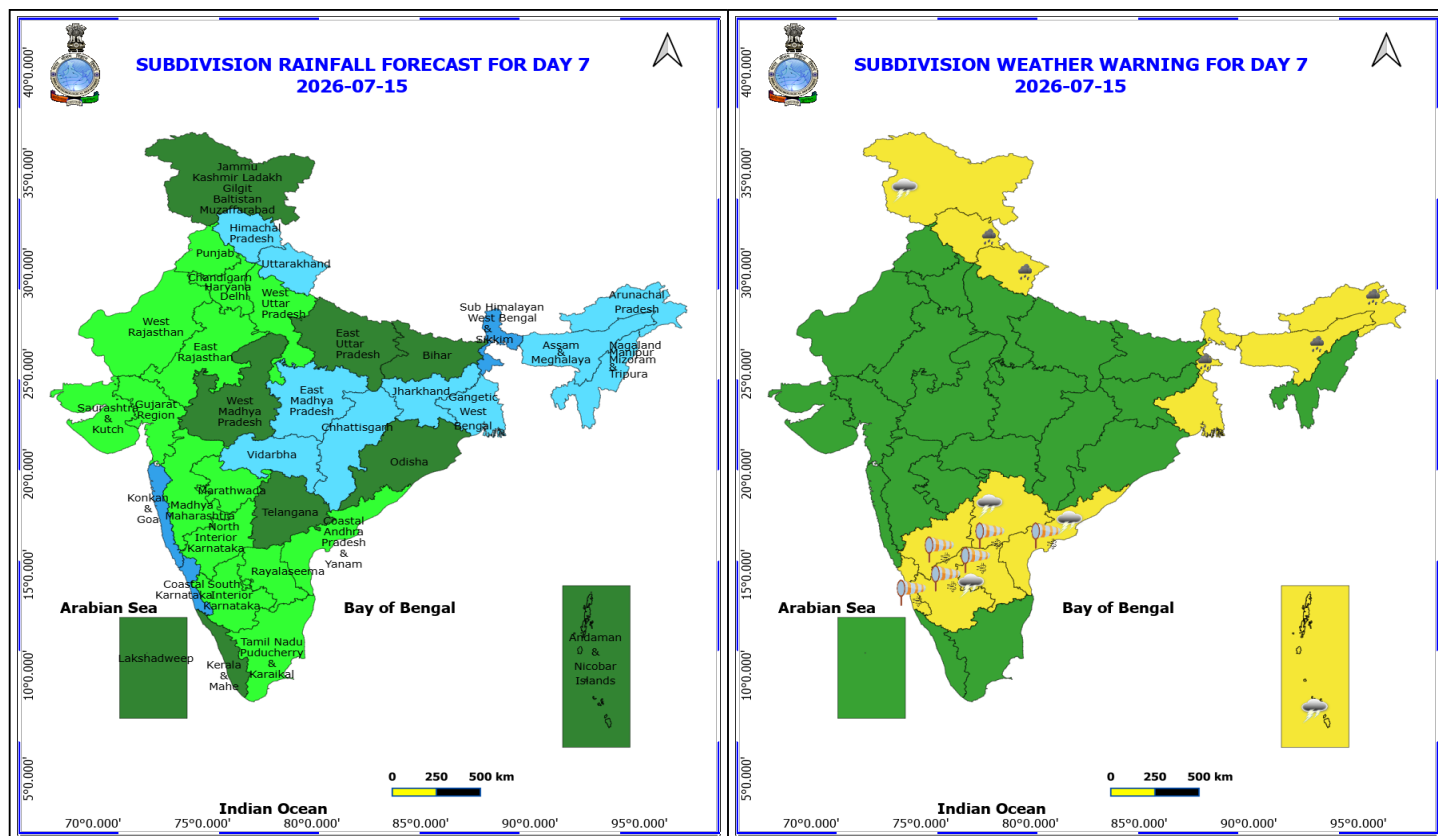
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14 July (Day 6)

- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Himachal Pradesh, Odisha, Sub Himalayan West Bengal & Sikkim and Uttarakhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands, Andhra Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Telangana.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Bihar, Karnataka, Odisha, Tamil Nadu Puducherry & Karaikal and West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Uttarakhand.
- ❖ **Strong Surface Winds** likely at isolated places over Andhra Pradesh, Karnataka and Telangana.

No Fishermen Warning



15 July (Day 7)

- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Himachal Pradesh, Sub Himalayan West Bengal & Sikkim and Uttarakhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands, Andhra Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Telangana.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Bihar, Karnataka, Odisha, Tamil Nadu Puducherry & Karaikal and West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Uttarakhand.
- ❖ **Strong Surface Winds** likely at isolated places over Andhra Pradesh, Karnataka and Telangana.

No Fishermen Warning

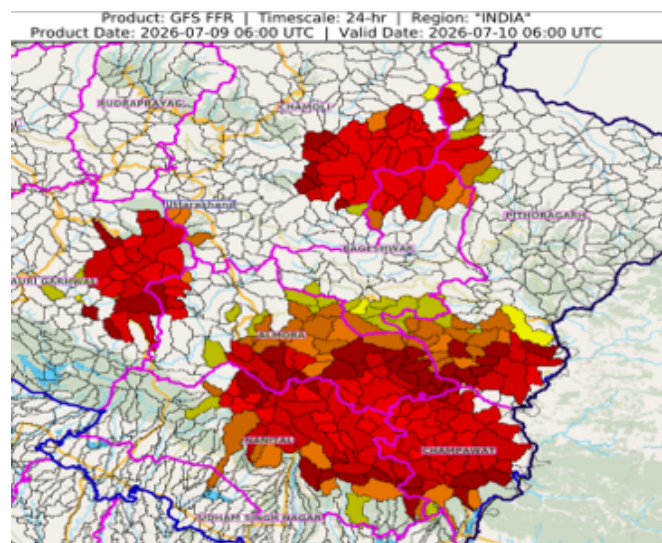
Flash Flood Warnings

Flash Flood Risk (FFR) till 1130 IST of 10-07-2026:

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

Uttarakhand: Garhwal Pauri, Chamoli, Pithoragarh, Bageshwar, Almora, Champawat and 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	9- Jul	10- Jul	11- Jul	12- Jul	13- Jul	14- Jul	15- Jul
		Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
1	ANDAMAN & NICOBAR ISLANDS	ISOL	SCT	SCT	FWS	FWS	FWS	SCT
2	ARUNACHAL PRADESH	WS	FWS	SCT	SCT	FWS	FWS	FWS
3	ASSAM & MEHGHALAYA	WS	WS	FWS	FWS	FWS	FWS	FWS
4	N. M. M. & T.	WS	WS	FWS	FWS	FWS	FWS	FWS
5	S.H. WEST BENGAL & SIKKIM	WS	WS	WS	WS	WS	WS	WS
6	GANGETIC WEST BENGAL	WS	WS	WS	WS	FWS	FWS	FWS
7	ODISHA	SCT	ISOL	ISOL	SCT	SCT	SCT	SCT
8	JHARKHAND	SCT	SCT	SCT	FWS	WS	WS	FWS
9	BIHAR	SCT	FWS	FWS	SCT	SCT	SCT	SCT
10	EAST UTTAR PRADESH	FWS	WS	WS	WS	FWS	SCT	SCT
11	WEST UTTAR PRADESH	WS	WS	FWS	SCT	ISOL	ISOL	ISOL
12	UTTARAKHAND	WS	WS	WS	FWS	FWS	FWS	FWS
13	HARYANA, CHD & DELHI	WS	FWS	SCT	SCT	ISOL	ISOL	ISOL
14	PUNJAB	SCT	SCT	SCT	SCT	ISOL	ISOL	ISOL
15	HIMACHAL PRADESH	FWS	FWS	WS	WS	FWS	FWS	FWS
16	JAMMU AND KASHMIR AND LADAKH	FWS	FWS	WS	WS	SCT	SCT	SCT
17	WEST RAJASTHAN	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
18	EAST RAJASTHAN	SCT	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
19	WEST MADHYA PRADESH	FWS	SCT	SCT	ISOL	ISOL	ISOL	SCT
20	EAST MADHYA PRADESH	WS	FWS	SCT	SCT	SCT	SCT	FWS
21	GUJRAT REGION	SCT	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
22	SAURASHTRA & KUTCH	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
23	KONKAN & GOA	WS	WS	FWS	FWS	FWS	WS	WS
24	MADHYA MAHARASHTRA	SCT	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
25	MARATHWADA	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
26	VIDARBHA	FWS	SCT	SCT	SCT	SCT	FWS	FWS
27	CHATTISGARH	FWS	SCT	SCT	SCT	FWS	FWS	FWS
28	COASTAL ANDHRA PRADESH	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
29	TELANGANA	FWS	SCT	ISOL	ISOL	ISOL	SCT	SCT
30	RAYALASEEMA	ISOL	ISOL	ISOL	DRY	DRY	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	ISOL	ISOL	ISOL	ISOL	ISOL
34	SOUTH INTERIOR KARNATAKA	SCT	SCT	ISOL	ISOL	ISOL	ISOL	ISOL
35	KERALA	WS	FWS	SCT	SCT	SCT	SCT	SCT
36	LAKSHDWEEP	FWS	SCT	SCT	SCT	SCT	SCT	SCT

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 2026-07-08

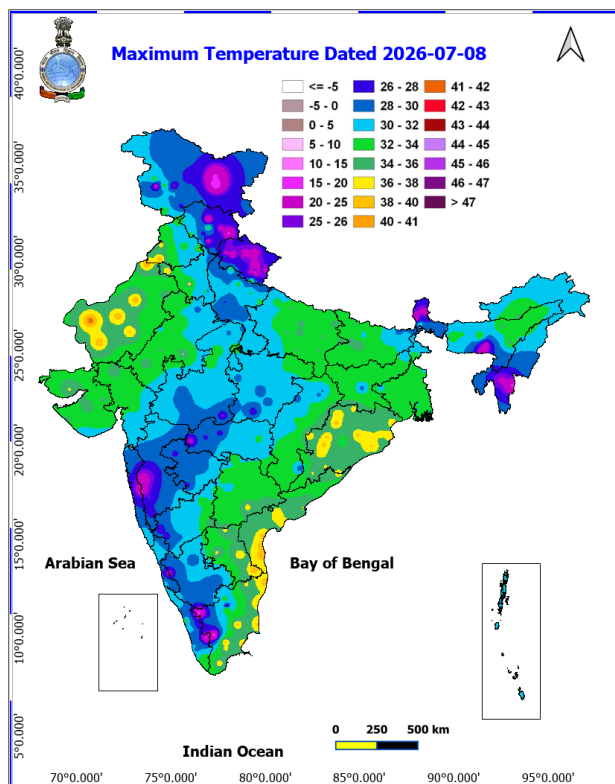


Fig. 2: Departure of Maximum Temp. Dated 2026-07-08

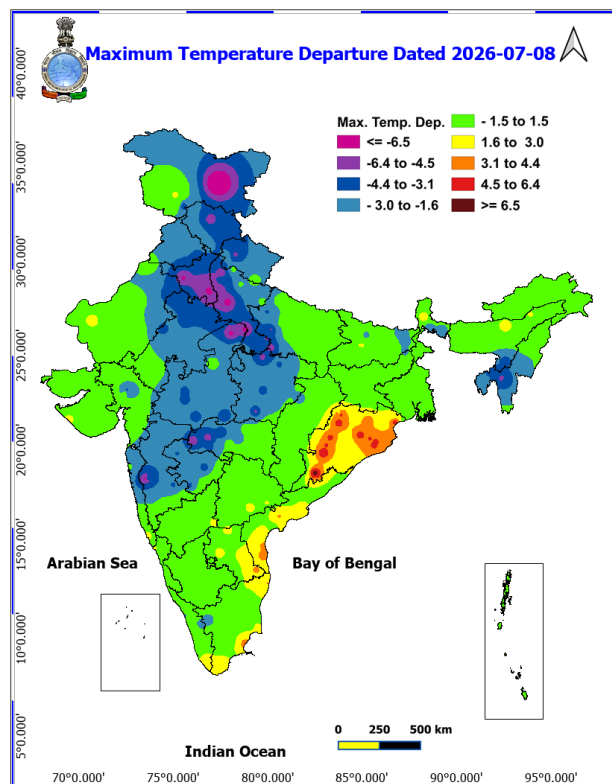


Fig. 3: Minimum Temperatures Dated 2026-07-09

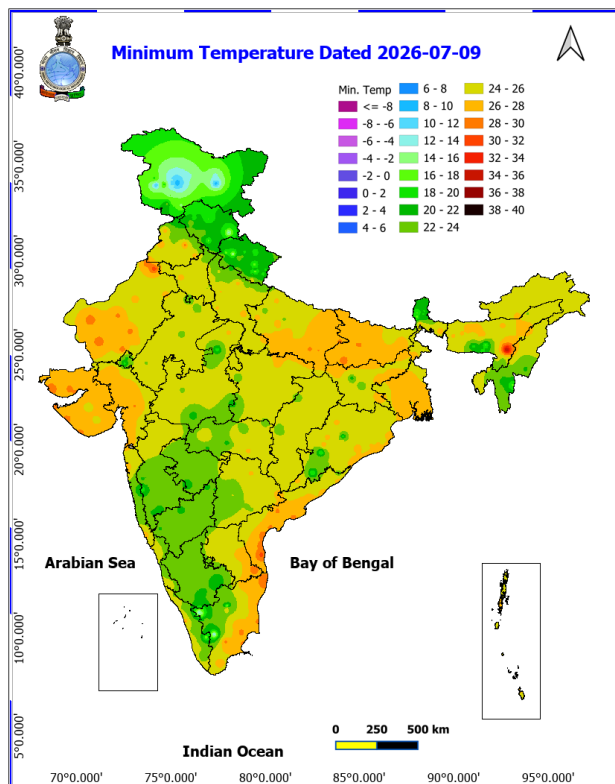
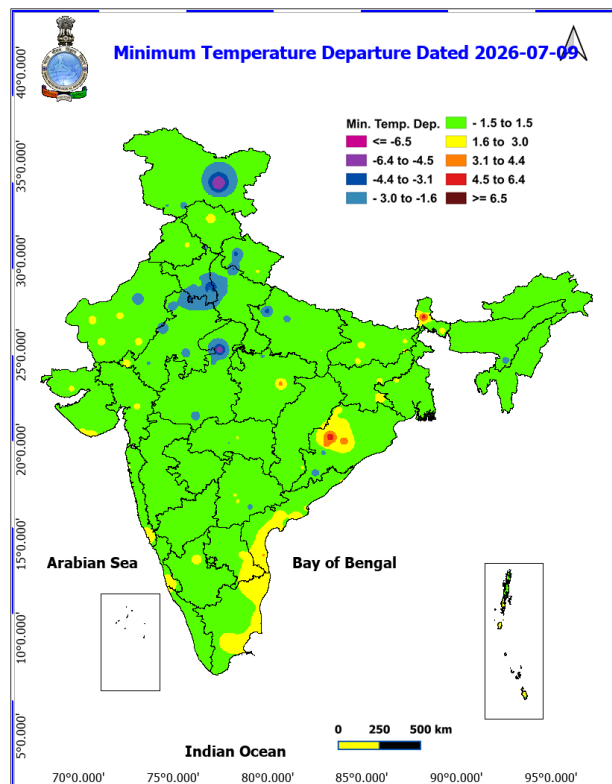
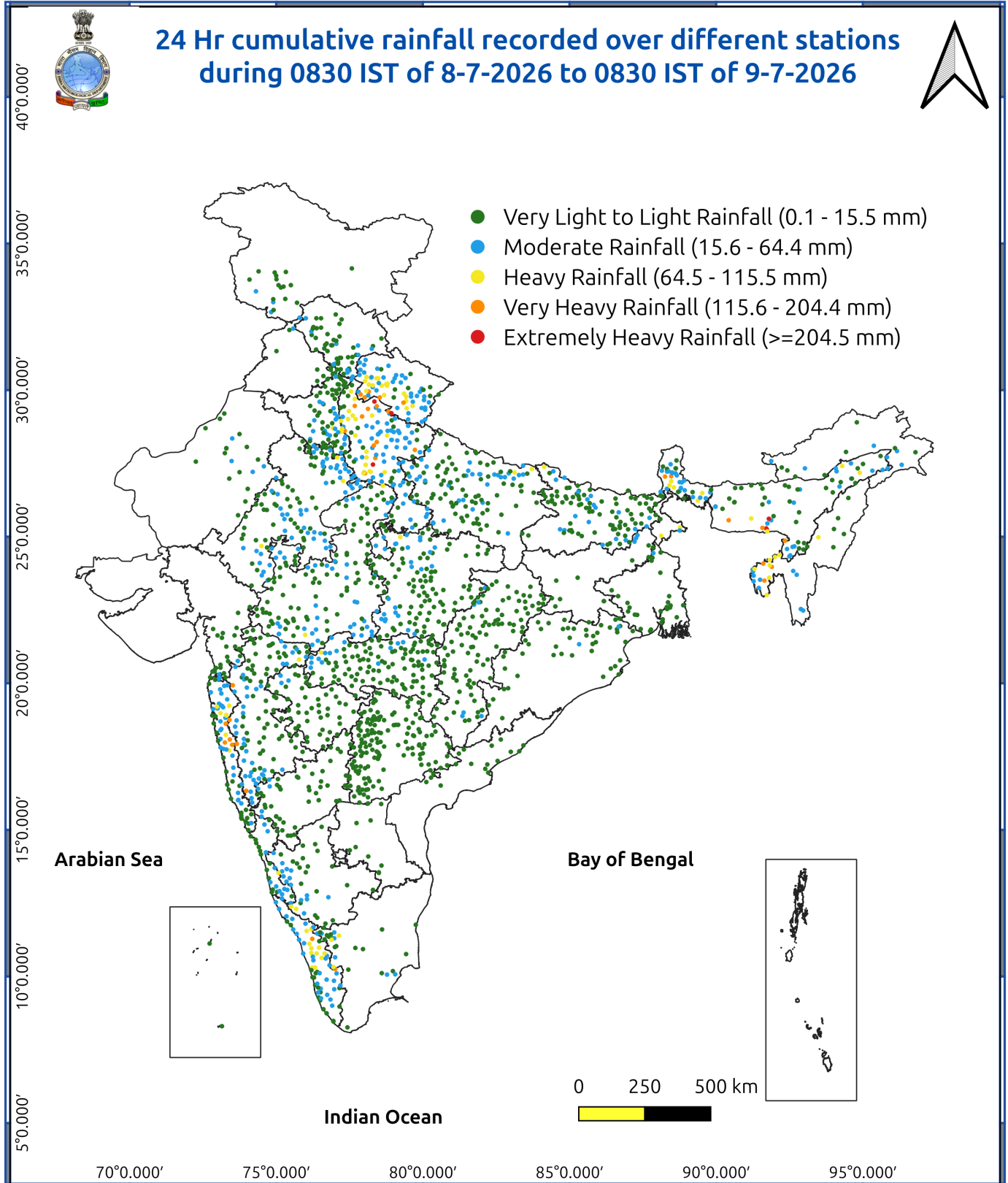


Fig. 4: Departure of Minimum Temp. Dated 2026-07-09





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Impact and Actions

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

- **Heavy to very heavy rainfall with extremely heavy rainfall** likely at isolated places over Uttarakhand on 09th & 10th; over West Uttar Pradesh on 09th 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 **Himachal Pradesh**, maintain proper drainage channels in fields of maize, finger millet and vegetables to prevent waterlogging. Delay sowing of rajma until the weather becomes clear.
- In **Uttarakhand**, avoid sowing of maize, rajma, black gram and soybean during spells of heavy rains. Drain out excess rain water from fields of rice, maize, tomato, chilli, barnyard millet and finger millet.
- In **Haryana**, drain out the standing water from cotton fields immediate after excess rain.
- In **West Uttar Pradesh**, avoid sowing of green gram, black gram, sorghum, groundnut and sesame during spells of heavy rains. Make proper arrangements for drainage of excess rain water from rice nursery and fields of maize and vegetables.
- In **East Uttar Pradesh**, ensure proper drainage in rice nursery and fields of pigeon pea, maize, sesame and vegetables.
- In **East Rajasthan**, make arrangements for draining out excess water from rice nurseries and fields of groundnut, green gram and cotton.
- In **Arunachal Pradesh**, maintain drainage channels in fields of rice, maize, soybean, finger millet and vegetables.
- In **Assam**, make provision for draining out excess water from rice nurseries, soybean, jute, ginger, turmeric, vegetables, banana, citrus and papaya. Provide mechanical support to the sugarcane crop to prevent lodging.
- In **Meghalaya**, ensure proper drainage channels in rice nurseries, maize, ginger, cowpea, vegetable fields and banana plantations. Protect young seedlings from direct exposure to heavy rainfall. Use propping (bamboo or wooden poles) to support heavily laden plants.
- In **Nagaland**, maintain proper drainage in fields of maize and vegetables and fruit orchards.
- In **Manipur**, ensure proper drainage in soybean, black gram, chilli, ginger, turmeric, banana and other crop fields and newly transplanted seedlings and nursery crops to avoid water stagnation.
- In **Tripura**, ensure adequate drainage arrangements to remove excess water from rice and vegetable fields during heavy rainfall.
- In **Konkan**, drain out excess water from nurseries of rice and finger millet and fields of rice and vegetables.

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- In *ghat* areas of **Madhya Maharashtra**, drain out excess water from nurseries of rice, finger millet and vegetables.
- In **Sub Himalayan West Bengal**, protect rice nursery beds with straw mulch, dry grass, or temporary polythene / agro-net covers to prevent seed washing, poor germination and seedling loss. Drain out excess water from jute, ginger, chilli, tomato and dalley khorsani fields and nurseries of *kharif* rice, finger millet and vegetables.
- In **Gangetic West Bengal**, harvest mature sesame pods promptly and keep the harvested produce in safer place. Arrange proper drainage in vegetables, ginger and turmeric fields and betel vine gardens to avoid waterlogging.
- In **Bihar**, harvest the mature pods of summer green gram and keep harvested produce in safer places. Provide adequate drainage facilities in rice nurseries and maize fields.
- In **Keralam**, provide adequate drainage facilities in banana, coconut, cardamom, ginger, black pepper and vegetables. Provide staking support in banana plants and strengthen the pandals of vegetable crops. Avoid transplanting of rice during heavy rain.
- In **Coastal Karnataka**, ensure proper drainage in rice seedbeds, rice fields and fruit orchards to prevent water stagnation.
- In **South Interior Karnataka**, provide proper drainage in rice nursery; fields of maize and ginger and plantations of arecanut and coconut.

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.

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.

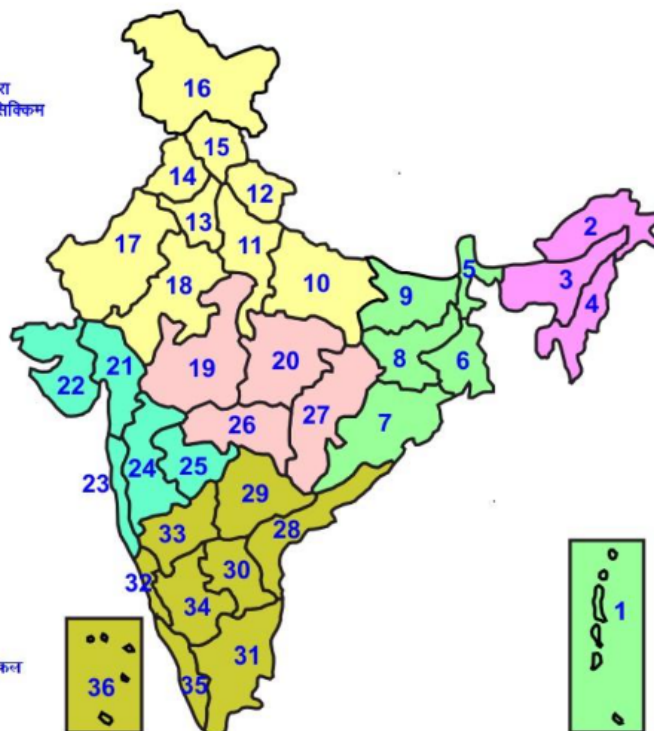
Northeast India: Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.

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
-  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 Fog
-  Hot & Humid

*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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