

2025-07-20

Time of Issue: 12:15:00 hours IST
(Mid-Day)

ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN

Significant Weather Features

Northwest India:

Isolated **very heavy rainfall** over Uttarakhand during 20th-22th, Himachal Pradesh during 21st-23rd July with **heavy rainfall** likely over Punjab, Jammu and Kashmir during 21st-24th, West Uttar Pradesh on 20th & 21st; East Uttar Pradesh on 26th, West Rajasthan on 20th, East Rajasthan on 22nd & 26th, Haryana on 21st & 22nd July.

Light/moderate rainfall at most places accompanied with thunderstorm, lightning likely over western Himalayan region and some places over the plains during next 7 days.

West India:

Heavy to very heavy rainfall likely at isolated places over Konkan & Goa, Ghat areas of Madhya Maharashtra during 20th-26th; Saurashtra & Kutch on 20th July and **heavy rainfall** over Marathwada on 21st July.

Light/moderate rainfall at many/some places very likely over the region during next 5 days.

South Peninsular India:

Isolated **heavy to very heavy rainfall** likely over Kerala & Mahe, Coastal and South Interior Karnataka during 20th-26th; Tamil Nadu during 20th-22nd July; Telangana during 20th-24th July; isolated **heavy rainfall** over Lakshadweep on 20th, Rayalaseema on 20th & 21st, North Interior Karnataka during 20th-26th, Coastal Andhra Pradesh & Yanam during 20th-24th July.

Strong surface winds (speed reaching 40-50 kmph) very likely over South Peninsular India during next 5 days.

Light/moderate rainfall at many/some places over Kerala & Mahe, Lakshadweep, Karnataka, Rayalaseema; isolated to scattered rainfall over Coastal Andhra Pradesh & Yanam, Telangana during next 7 days.

East & Central India:

Isolated **very heavy rainfall** over Chhattisgarh, Sub-Himalayan West Bengal & Sikkim on 20th, Vidarbha, Chhattisgarh, Odisha, Gangetic West Bengal during 23rd-25th July with **heavy rainfall** very likely to continue over Andaman & Nicobar Islands on 20th, Sub-Himalayan West Bengal & Sikkim during 20th-22nd, Vidarbha, Chhattisgarh during 20th-25th, Madhya Pradesh, Gangetic West Bengal, Jharkhand during 23rd-26th, Odisha during 20th-26th, Bihar on 20th & 21st and during 24th-26th July

Light/moderate rainfall at most/many places accompanied with thunderstorm & lightning likely over the region during next 7 days with **moderate cloud to ground lightning over Bihar on 20th July.**

Northeast India:

Light/moderate rainfall at many places accompanied with **thunderstorm, lightning** likely to continue over Northeast India during next 7 days.

Isolated **very heavy rainfall** over Arunachal Pradesh on 20th July with **heavy rainfall** very likely over Assam & Meghalaya during 20th-26th, Arunachal Pradesh during 20th-22nd and on 25th & 26th, Nagaland & Tripura on 20th & 21st and during 24th-26th July with

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Main Weather Observations:

❖ **Rainfall distribution** (from 0830 hours IST of yesterday to 0830 hours IST of today): **at most places** over Andaman & Nicobar Islands, Sub Himalayan West Bengal & Sikkim, Konkan & Goa, Chhattisgarh, Coastal Karnataka, South Interior Karnataka, Kerala & Mahe and Lakshadweep; **at many places** over Odisha, Jharkhand, West Rajasthan, Gujarat Region, Saurashtra & Kutch, Telangana and Rayalaseema; **at a few places** over Gangetic West Bengal, Himachal Pradesh, East Rajasthan, Coastal Andhra Pradesh & Yanam and North Interior Karnataka; **at isolated places** over Uttarakhand, Jammu-Kashmir/Ladakh-Gilgit-Baltistan-Muzaffarabad, West Madhya Pradesh, East Madhya Pradesh, Madhya Maharashtra and Marathwada; **Dry** over rest of the country.

❖ **Significant rainfall recorded(in cm)** (from 0830 hours IST of yesterday to 0830 hours IST of today): **Sub Himalayan West Bengal & Sikkim**: Majherdabri Tea Garden (dist Alipurduar) 24; Falakata (dist Alipurduar) 23; Patkapara Tea Estate (dist Alipurduar) 20; Bhatkawa Tea Estate (dist Jalpaiguri) 19; Domohani (dist Jalpaiguri) 17; Neora (dist Jalpaiguri), Chalouni Tea Estate (dist Jalpaiguri), Diana Tea Estate (dist Jalpaiguri), Zurrantee T.e (dist Jalpaiguri), Jhallong (dist Kalimpong) 16 Each; Mekhliganj (dist Cooch Behar), Dharala Valley Tea Estate (dist Jalpaiguri), Soongachi T.e. (dist Jalpaiguri) 15 Each; Baradighi T.e. (dist Jalpaiguri), Kumlai T.e. (dist Jalpaiguri), Aryaman Tea Estate (dist Alipurduar) 14 Each; Barobhisha (dist Alipurduar), Mathabhanga (dist Cooch Behar), Chengmari/Diana (dist Jalpaiguri), Jalpaiguri (dist Jalpaiguri), Amfu Pundibari (dist Cooch Behar), Indong T.e. (dist Jalpaiguri) 13 Each; Buxaduar (dist Alipurduar), Alipurduar PTO (dist Alipurduar), Sankosh (dist Cooch Behar), Denguajhar Tea Garden (dist Jalpaiguri), Ghish (dist Jalpaiguri), Maynaguri College (dist Jalpaiguri), Nagarkata (dist Jalpaiguri), Newlands Tea Garden (dist Alipurduar) 12 Each; Murti (dist Jalpaiguri), Hasimara (dist Alipurduar), Gyalshing PTO (dist Gyalshing), Aibheel Tea Estate (dist Jalpaiguri), Good Hope Tea Estate (dist Jalpaiguri), Oodlabari Tea Estate (dist Jalpaiguri), Toorsa Tea Garden (dist Alipurduar) 11 Each; Nh31 Bridge (dist Jalpaiguri), Dentam (dist Gyalshing), Anandpur Tea Estate (dist Jalpaiguri), Banarhat High School (dist Jalpaiguri), Batabari T.e. (dist Jalpaiguri), Chel (dist Jalpaiguri), Gairkata Tea Estate (dist Jalpaiguri), Gandrapara Tea Garden (dist Jalpaiguri), Karbala Tea Estate (dist Jalpaiguri), Mogulkata Tea Estate (dist Jalpaiguri), Moraghat Tea Estate (dist Jalpaiguri), Palashbari Tea Estate (dist Jalpaiguri), Dhupguri (dist Jalpaiguri), Beech Tea Garden (dist Alipurduar), Kumargram Tea Estate (dist Alipurduar), Sankos Tea Estate (dist Alipurduar) 10 Each; Gajoldoba (dist Jalpaiguri), Chepan (dist Alipurduar), Damdim Tea Estate (dist Jalpaiguri), Hilla T.e. (dist Jalpaiguri), Kailashpur Tea Estate (dist Jalpaiguri), Noweranuddi Tea Garden (dist Jalpaiguri), Washabari Tea Estate (dist Jalpaiguri) 9 Each; Ravangla ARG (dist Namchi), Bhagatpur Tea Estate (dist Jalpaiguri), Ghatia T.e. (dist Jalpaiguri), Kurti T.e. (dist Jalpaiguri), Saraswatipur Tea Estate (dist Jalpaiguri), Tra Nagrakata (dist Jalpaiguri), Dalgaon Tea Estate (dist Alipurduar) 8 Each; Bagdogra IAF (dist Darjeeling), Damthang (dist Namchi), Jiti T.e. (dist Jalpaiguri), Leesh River Tea Garden (dist Jalpaiguri), Jaybirpara Tea Estate (dist Alipurduar) 7 Each; **East Rajasthan**: Mounntabu Tehsil SR (dist Sirohi) 14; **Coastal Karnataka**: Karwar (dist Uttara Kannada) 12; Siddapura (dist Udupi) 9; Kota (dist Udupi) 8; Kumta (dist Uttara Kannada), Kundapur (dist Udupi) 7 Each; **Chhattisgarh**: Nangur (dist Bastar) 11; Jagdalpur (dist Bastar) 9; Sukma (dist Sukma), Malkharoda (dist Sakti) 8 Each; Lohandiguda (dist Bastar), Orcha (dist Narayanpur), Hasaud (dist Sakti), Bhothiya (dist Sakti) 7 Each; **Konkan & Goa**: Canacona (dist South Goa) 11; Rajapur (dist Ratnagiri), Quepem (dist South Goa) 8 Each; Sanguem (dist South Goa), Chiplun (dist Ratnagiri), Rameshwar ARG (dist Sindhudurg), Poladpur (dist Raigad) 7 Each; **Saurashtra & Kutch**: Ranavav (dist Porbandar), Porbandar (dist Porbandar) 11 Each; Manavadar (dist Junagadh) 7; **Telangana**: Atmakurwrgl (dist Hanumakonda), Sultanabad (dist Peddapalle) 10 Each; Karimnagar AP (dist Karimnagar) 8; Thimmapur (dist Karimnagar), Chandrugonda (dist B. Kothagudem), Sirpur (t) (dist Kumaram Bheem), Sangem (dist Warangal), Alampur (dist Jogulamba Gadwal) 7 Each; **West Rajasthan**: Balesar 19, Osian SR (dist Jodhpur) 10; Sayla SR (dist Jalore), Barmer (dist Barmer) 8 Each; Shiv (dist Barmer), Shergarh (dist Jodhpur), Pokhran (dist Jaisalmer), Khivensar SR (dist Nagaur), Gadra Road (dist Barmer), Pali (dist Pali), Nachna/lathi (dist Jaisalmer), Bhopalgarh SR (dist Jodhpur) 7 Each; **Odisha**: Atabira (dist Bargarh) 10; Jhorigam (dist Nawarangpur), Chendipada (dist Angul), Alipingal (dist Jagatsinghpur) 9 Each; Odagaon (dist Nayagarh) 8; Sohela (dist Bargarh), Bamra (dist Sambalpur), Salebhatta (dist Bolangir) 7 Each; **Gangetic West Bengal**: Uluberia (dist Howrah) 10; Nalhati (dist Birbhum), Alipore (dist Kolkata) 8 Each; **Kerala & Mahe**: Kudulu (dist Kasargod) 9; Kumarakam (dist Kottayam), Cherthala (dist Alapuzha), Muliya AWS (dist Kasargod) 7 Each.

❖ **Heavy Rainfall observed** (from 0830 hours IST of yesterday to 0830 hours IST of today): **Extremely heavy rain** at isolated places over Sub Himalayan West Bengal & Sikkim. **Heavy to very heavy rain** at a few places over Sub Himalayan West Bengal & Sikkim and at isolated places over Rajasthan and Coastal Karnataka. **Heavy rain** at isolated places over Gangetic West Bengal, Odisha, Jharkhand, West Rajasthan, Saurashtra & Kutch, Konkan & Goa, Chhattisgarh, Telangana, South Interior Karnataka and Kerala & Mahe.

❖ **Minimum Temperature Departures (as on 20-07-2025):** **markedly above normal(> 5.1°C)** at isolated places over

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Assam & Meghalaya, Bihar, East Uttar Pradesh, West Uttar Pradesh, Himachal Pradesh, West Madhya Pradesh, East Madhya Pradesh and Saurashtra & Kutch. **appreciably above normal(3.1°C to 5.0°C)** at isolated places over Sub Himalayan West Bengal & Sikkim, Gangetic West Bengal, Odisha, Uttarakhand, Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad, West Rajasthan and Gujarat Region. **above normal(1.6°C to 3.0°C)** at many places over Vidarbha; at few places over Arunachal Pradesh and Marathwada; at isolated places over Andaman & Nicobar Islands, Nagaland, Manipur, Mizoram & Tripura, Jharkhand, Haryana-Chandigarh-Delhi, Punjab, Konkan & Goa, Coastal Andhra Pradesh & Yanam, Telangana and Tamil Nadu, Puducherry & Karaikal. **near normal(-1.5°C to 1.5°C)** at many places over Chhattisgarh and Kerala & Mahe; at most places over East Rajasthan, Madhya Maharashtra, Rayalaseema, Coastal Karnataka, North Interior Karnataka, South Interior Karnataka and Lakshadweep. **The lowest minimum temperature** of 19.5°C is reported at JEUR (MAHARASHTRA) over the Plains of India.

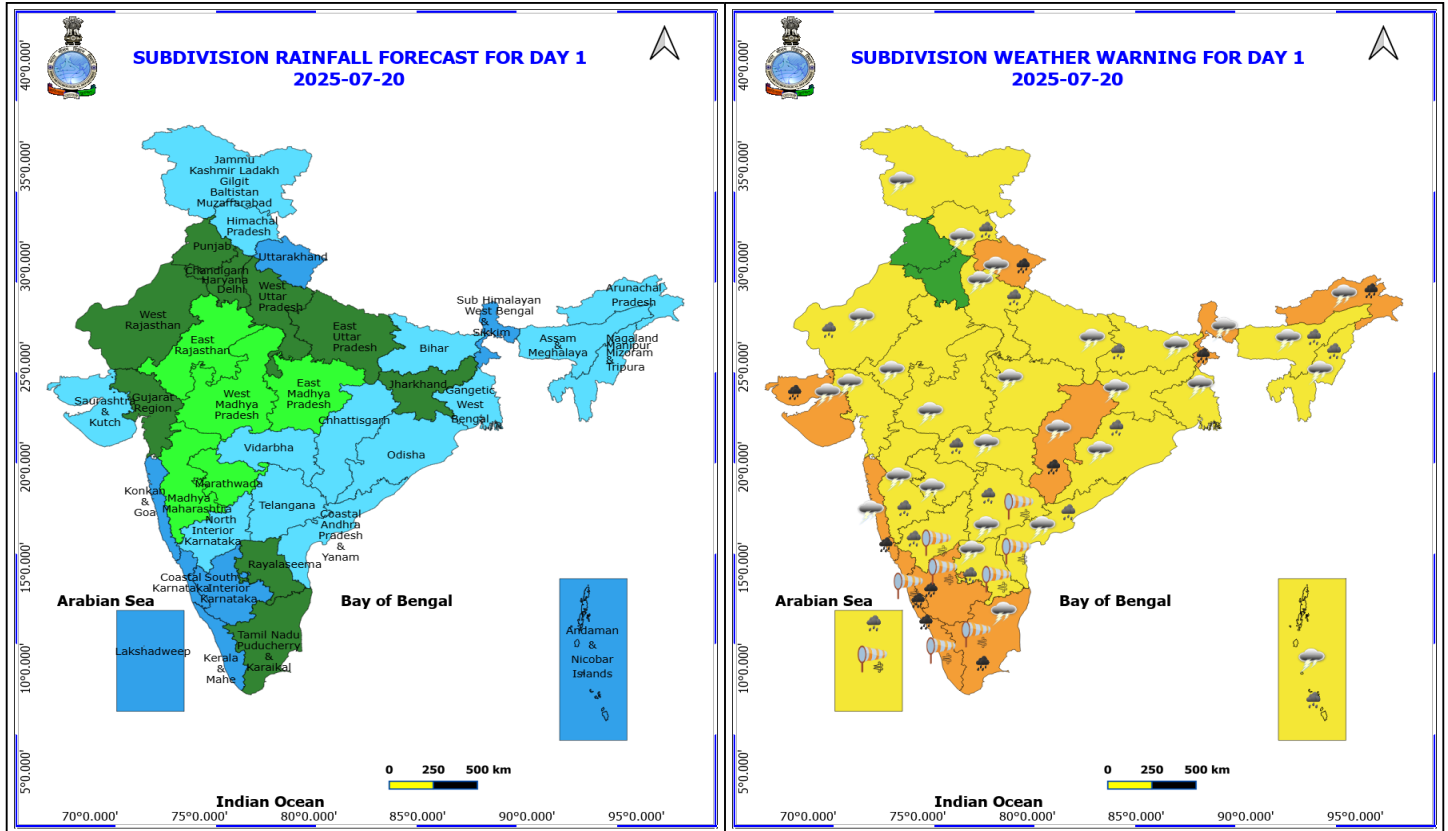


Meteorological Analysis (Based on 0830 hours IST)

- The **Well Marked Low pressure area** over west Rajasthan and adjoining Pakistan persisted over the same region at 0830 hrs IST of today, the 20th July, 2025. The associated cyclonic circulation extends upto middle tropospheric level tilting southwards with height. It is likely to continue to move nearly westwards and weaken gradually into a low-pressure area during next 12 hours.
- The **monsoon trough** at mean sea level now passes through center of **Well Marked Low pressure area** over west Rajasthan and adjoining Pakistan, Churu, Ayanagar (Delhi), Shahjahanpur, Lucknow, Patna, Bankura, Digha and thence eastwards to northeast Bay of Bengal.
- The **trough** from central parts of north Bihar to Odisha across Jharkhand persists and now seen between 0.9 & 1.5 km above mean sea level.
- An **Upper air cyclonic circulation** lies over northeast Bangladesh & neighbourhood at 0.9 km above mean sea level.
- An **Upper air cyclonic circulation** lies over westcentral & adjoining northwest Bay of Bengal off south Odisha north Coastal Andhra Pradesh & Yanam at 3.1 km above mean sea level.
- The **east-west trough** roughly along Lat. 13°N from south Karnataka to south Coastal Andhra Pradesh at 5.8 km above mean sea level persists.
- A fresh **Low Pressure area** is likely to form over north Bay of Bengal around 24th July, 2025.
- The **Western Disturbance** as a trough in middle tropospheric levels with its axis at 5.8 km above mean sea level roughly along Long. 71°E to the north of Lat. 32°N has moved away.

Weather Outlook for subsequent 3 days

- **Fairlywidespreadtowidespreadrainfall**verylikelyovermostpartsofthecountryexceptTamilNaduwhere isolated to scattered rainfall is likely.



20 July (Day 1)

- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Arunachal Pradesh, Chhattisgarh, Coastal Karnataka, Kerala & Mahe, Konkan & Goa, Saurashtra & Kutch, South Interior Karnataka, Sub Himalayan West Bengal & Sikkim, Tamil Nadu Puducherry & Karaikal and Uttarakhand.
- ❖ **Heavy Rainfall** very likely at isolated places over Andaman & Nicobar Islands, Andhra Pradesh, Assam & Meghalaya, Bihar, Himachal Pradesh, Lakshadweep, Madhya Maharashtra, Nagaland, Manipur, Mizoram and Tripura, North Interior Karnataka, Odisha, Telangana, Vidarbha, West Rajasthan and West Uttar Pradesh.
- ❖ **Thundersquall with wind speed reaching(50-60kmph)** very likely at isolated places over Andaman & Nicobar Islands and Sub Himalayan West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Bihar, Gangetic West Bengal, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, Odisha, Uttarakhand and West Madhya Pradesh.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Andhra Pradesh, Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, East Madhya Pradesh, Gujarat State, Himachal Pradesh, Konkan & Goa, Maharashtra, Nagaland, Manipur, Mizoram and Tripura, Rajasthan, Tamil Nadu Puducherry & Karaikal, Telangana and Uttar Pradesh.
- ❖ **Strong Surface Winds** very likely at isolated places over Andhra Pradesh, Karnataka, Kerala & Mahe, Lakshadweep, Tamil Nadu Puducherry & Karaikal and Telangana.
- Squally wind speed reaching 45 kmph to 55 kmph gusting to 65 kmph is likely to prevail along and off Somalia, Yemen & south Oman coasts, most parts of westcentral Arabian Sea & adjoining parts of eastcentral Arabian Sea, some parts of southwest Arabian Sea.

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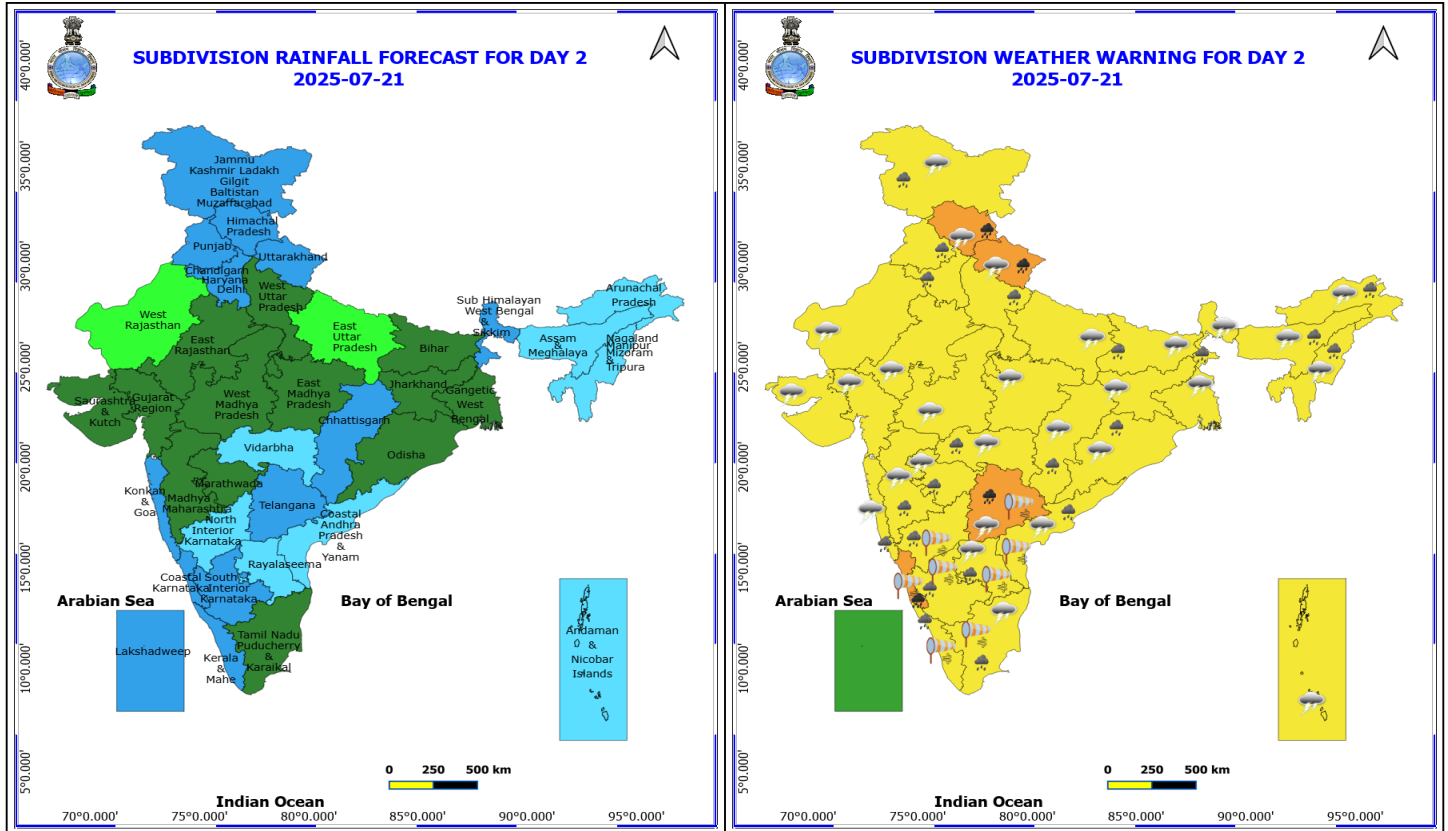
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- Squally weather with wind speed 40 - 50 kmph gusting to 60 kmph likely to prevail over many parts of eastcentral Arabian Sea & adjoining, some parts of westcentral Arabian Sea, northern parts of southeast Arabian Sea and adjoining southwest Arabian Sea, along and off Kerala, Karnataka, Tamil Nadu coasts, over Lakshadweep, Maldives, Comorin areas, most parts of south Bay of Bengal & adjoining central Bay of Bengal, over Gulf of Mannar, along and off Sri Lanka coast, over Andaman Sea.
- Squally weather with wind speed 45 - 55 kmph gusting to 65 kmph likely to prevail over many parts of southwest, some parts of southeast Bay of Bengal, some parts of Andaman Sea.



21 July (Day 2)

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

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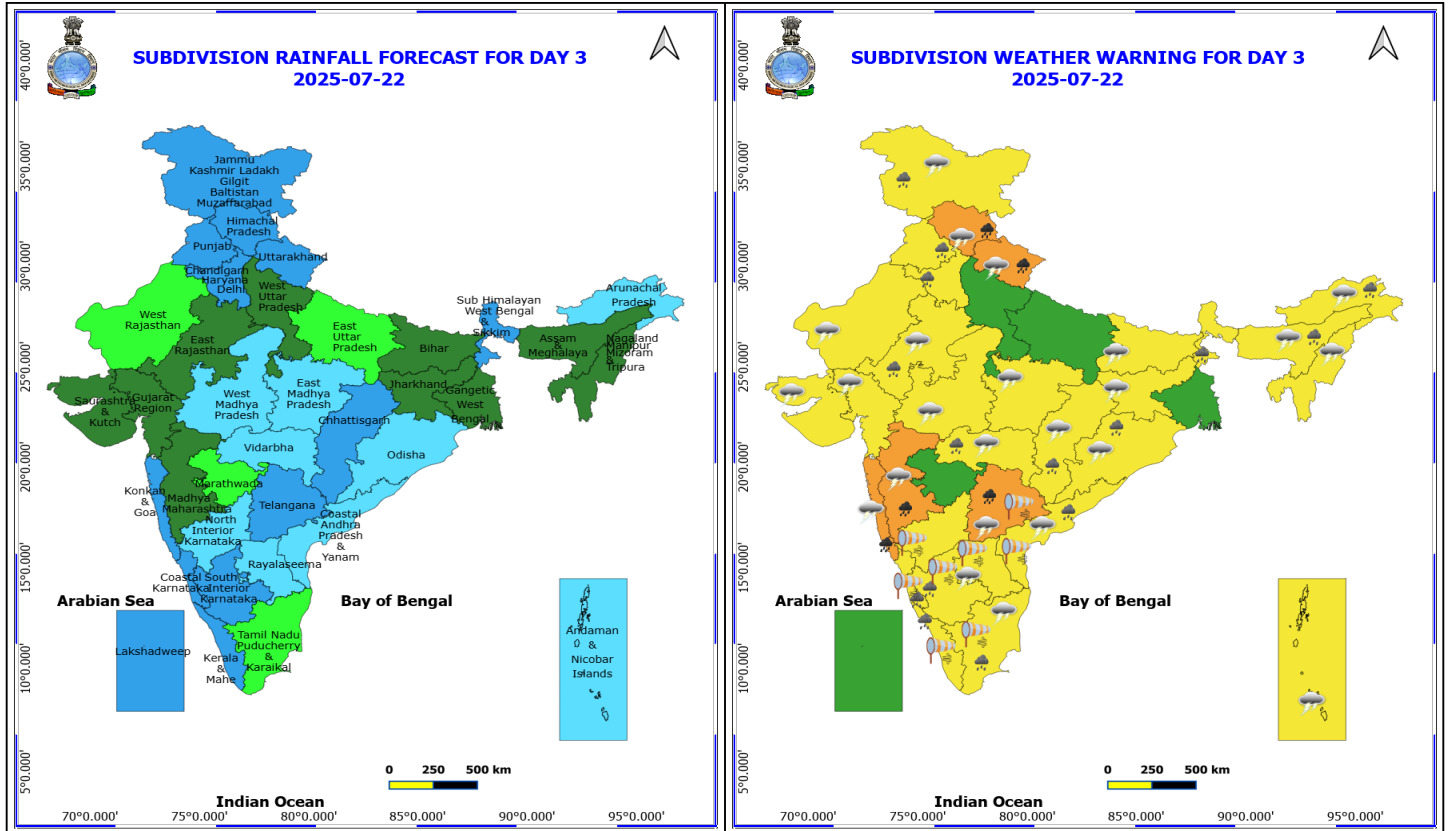
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- Squally weather with wind speed 40 - 50 kmph gusting to 60 kmph likely to prevail over many parts of eastcentral Arabian Sea & adjoining, some parts of westcentral Arabian Sea, northern parts of southeast Arabian Sea and adjoining southwest Arabian Sea, along and off Kerala, Karnataka, Tamil Nadu, South Andhra Pradesh coasts, over Lakshadweep, Maldives, Comorin areas, south Bay of Bengal & many parts of central Bay of Bengal, over Gulf of Mannar, along and off Sri Lanka coast, over Andaman Sea.
- Squally weather with wind speed 45 - 55 kmph gusting to 65 kmph likely to prevail over many parts of southwest, some parts of southeast Bay of Bengal, some parts of north Andaman Sea.



22 July (Day 3)

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

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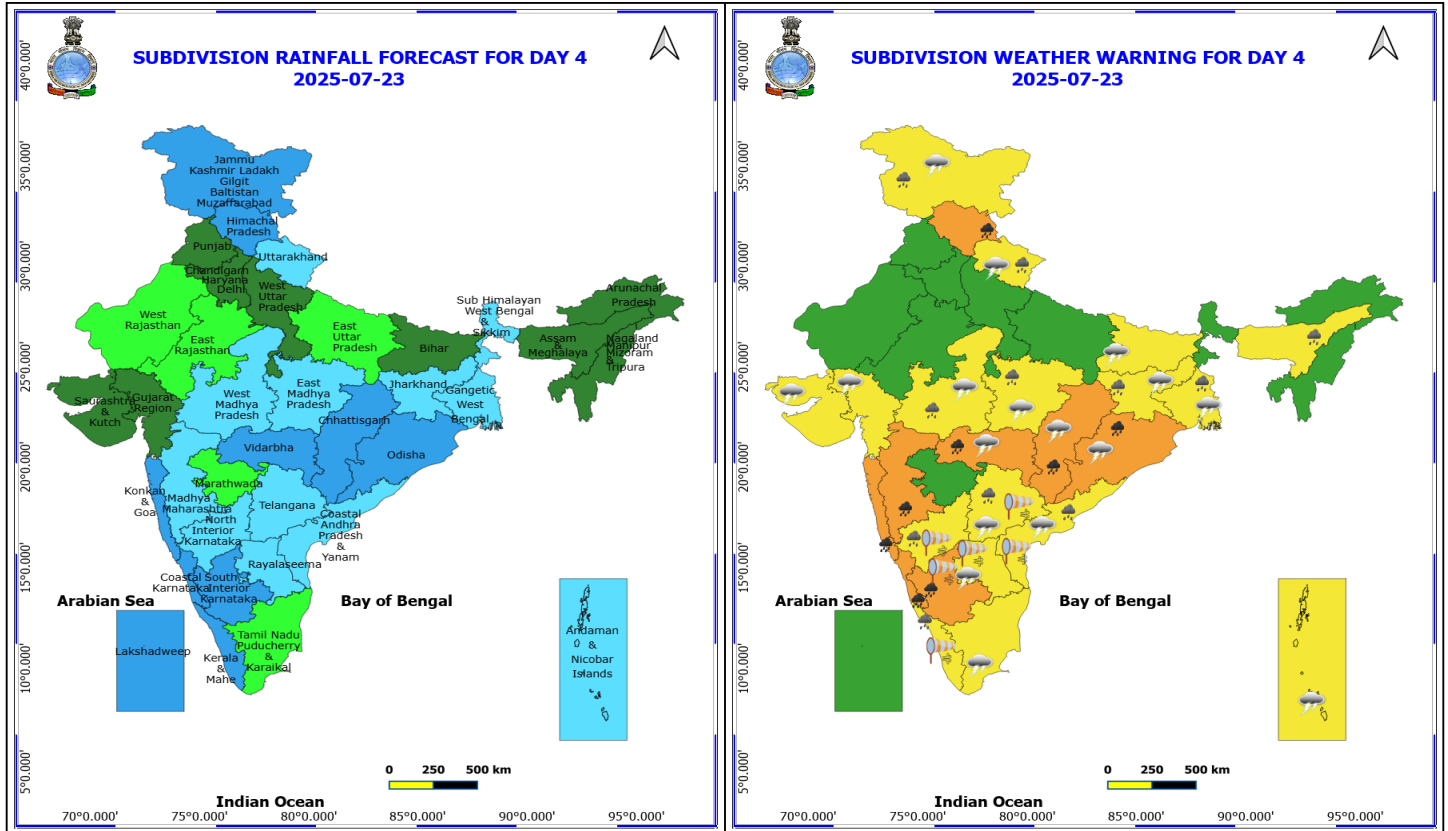
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eastcentral Arabian Sea & adjoining, some parts of westcentral Arabian Sea, northern parts of southeast Arabian Sea and adjoining southwest Arabian Sea, along and off Kerala, Karnataka, Goa & south Konkan coasts, Tamil Nadu, South Andhra Pradesh coasts, over Lakshadweep, Maldives, Comorin areas, south Bay of Bengal & many parts of central Bay of Bengal, over Gulf of Mannar, along and off Sri Lanka coast, over Andaman Sea.

- Squally weather with wind speed 45 - 55 kmph gusting to 65 kmph likely to prevail over many parts of central and adjoining south Bay of Bengal, many parts of north Andaman Sea.



23 July (Day 4)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Chhattisgarh, Coastal Karnataka, Himachal Pradesh, Konkan & Goa, Madhya Maharashtra, Odisha, South Interior Karnataka and Vidarbha.
- ❖ **Heavy Rainfall** likely at isolated places over Assam & Meghalaya, Coastal Andhra Pradesh, Gangetic West Bengal, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, Kerala & Mahe, Madhya Pradesh, North Interior Karnataka, Telangana and Uttarakhand.
- ❖ **Thundersquall with wind speed reaching(50-60kmph)** likely at isolated places over Andaman & Nicobar Islands.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Bihar, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, Odisha, Uttarakhand and Vidarbha.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Andhra Pradesh, Chhattisgarh, Gangetic West Bengal, Gujarat State, Madhya Pradesh, Tamil Nadu Puducherry & Karaikal and Telangana.
- ❖ **Strong Surface Winds** likely at isolated places over Andhra Pradesh, Interior Karnataka, Kerala & Mahe and Telangana.
- Squally wind speed reaching 45 kmph to 55 kmph gusting to 65 kmph is likely to prevail along and off Somalia, Yemen & south Oman coasts, most parts of westcentral Arabian Sea & adjoining parts of eastcentral Arabian Sea, some parts of southwest Arabian Sea.
- Squally weather with wind speed 40 - 50 kmph gusting to 60 kmph likely to prevail over many parts of eastcentral Arabian Sea & adjoining, some parts of westcentral Arabian Sea, northern parts of southeast Arabian Sea and adjoining southwest Arabian Sea, along and off Gujarat & Konkan coasts, Tamil Nadu, South Andhra Pradesh coasts, over Lakshadweep, Maldives, Comorin areas, south Bay of Bengal & most

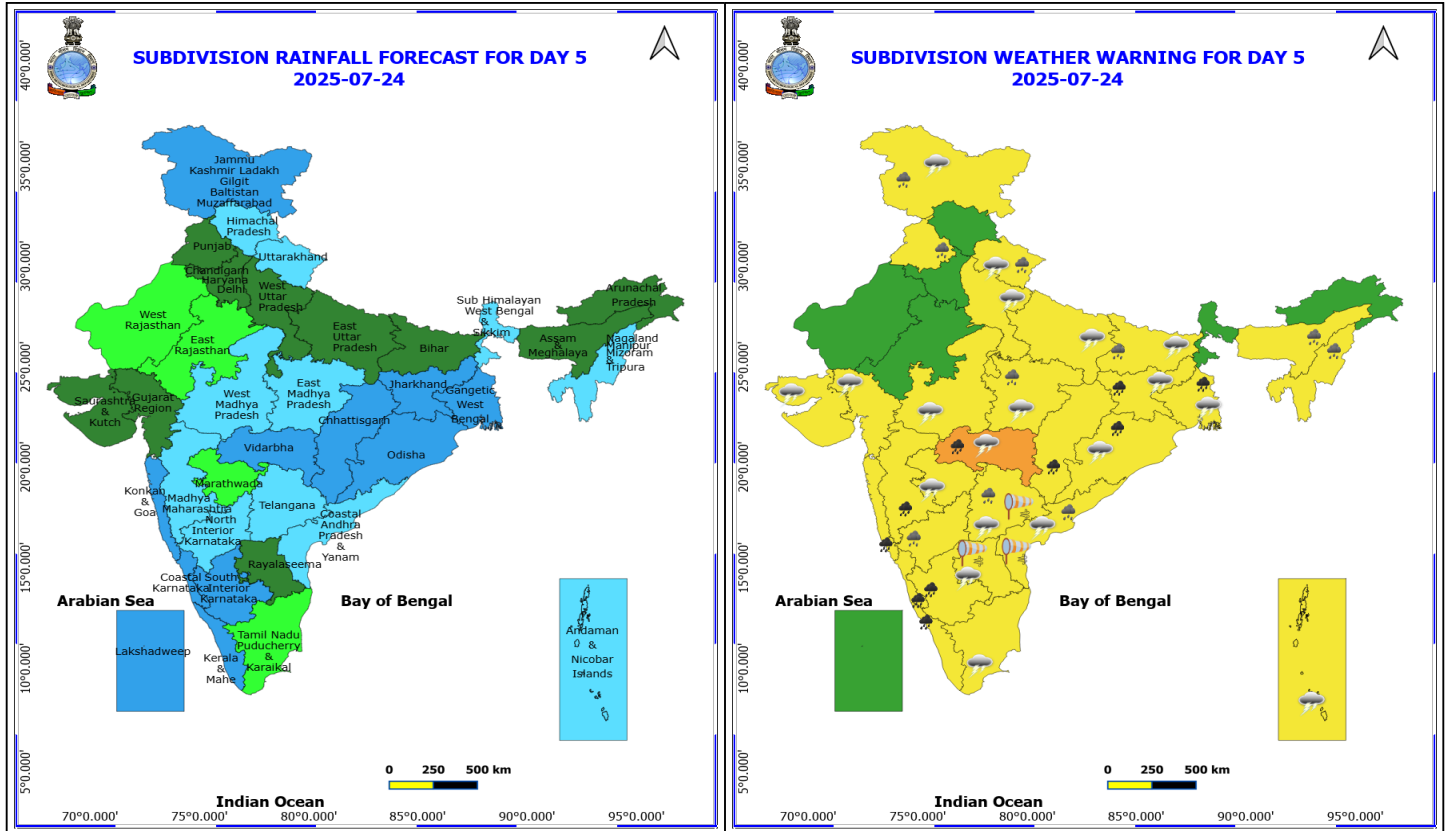
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- parts of central Bay of Bengal, over Gulf of Mannar, along and off Sri Lanka coast, over Andaman Sea.
- Squally weather with wind speed 45 - 55 kmph gusting to 65 kmph likely to prevail over many parts of central and south Bay of Bengal, many parts of north Andaman Sea.



24 July (Day 5)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Chhattisgarh, Coastal Karnataka, Gangetic West Bengal, Jharkhand, Kerala & Mahe, Konkan & Goa, Madhya Maharashtra, Odisha, South Interior Karnataka and Vidarbha.
- ❖ **Heavy Rainfall** likely at isolated places over Assam & Meghalaya, Bihar, Coastal Andhra Pradesh, East Madhya Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Nagaland, Manipur, Mizoram and Tripura, North Interior Karnataka, Punjab, Telangana and Uttarakhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Andaman & Nicobar Islands, Bihar, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, Odisha, Uttarakhand and Vidarbha.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Andhra Pradesh, Gangetic West Bengal, Gujarat State, Madhya Pradesh, Marathwada, Tamil Nadu Puducherry & Karaikal, Telangana and Uttar Pradesh.
- ❖ **Strong Surface Winds** likely at isolated places over Andhra Pradesh and Telangana.
- Squally wind speed reaching 45 kmph to 55 kmph gusting to 65 kmph is likely to prevail along and off Somalia, Yemen & south Oman coasts, most parts of westcentral Arabian Sea & adjoining parts of eastcentral Arabian Sea, some parts of southwest Arabian Sea.
- Squally weather with wind speed 40 - 50 kmph gusting to 60 kmph likely to prevail over many parts of eastcentral Arabian Sea & adjoining, some parts of westcentral Arabian Sea, northern parts of southeast Arabian Sea and adjoining southwest Arabian Sea, along and off Gujarat & Konkan coasts, Tamil Nadu, Andhra Pradesh, Odisha & West Bengal coasts, over Lakshadweep, Maldives, Comorin areas, south Bay of Bengal, most parts of central Bay of Bengal & adjoining parts of north Bay of Bengal, over Gulf of Mannar,

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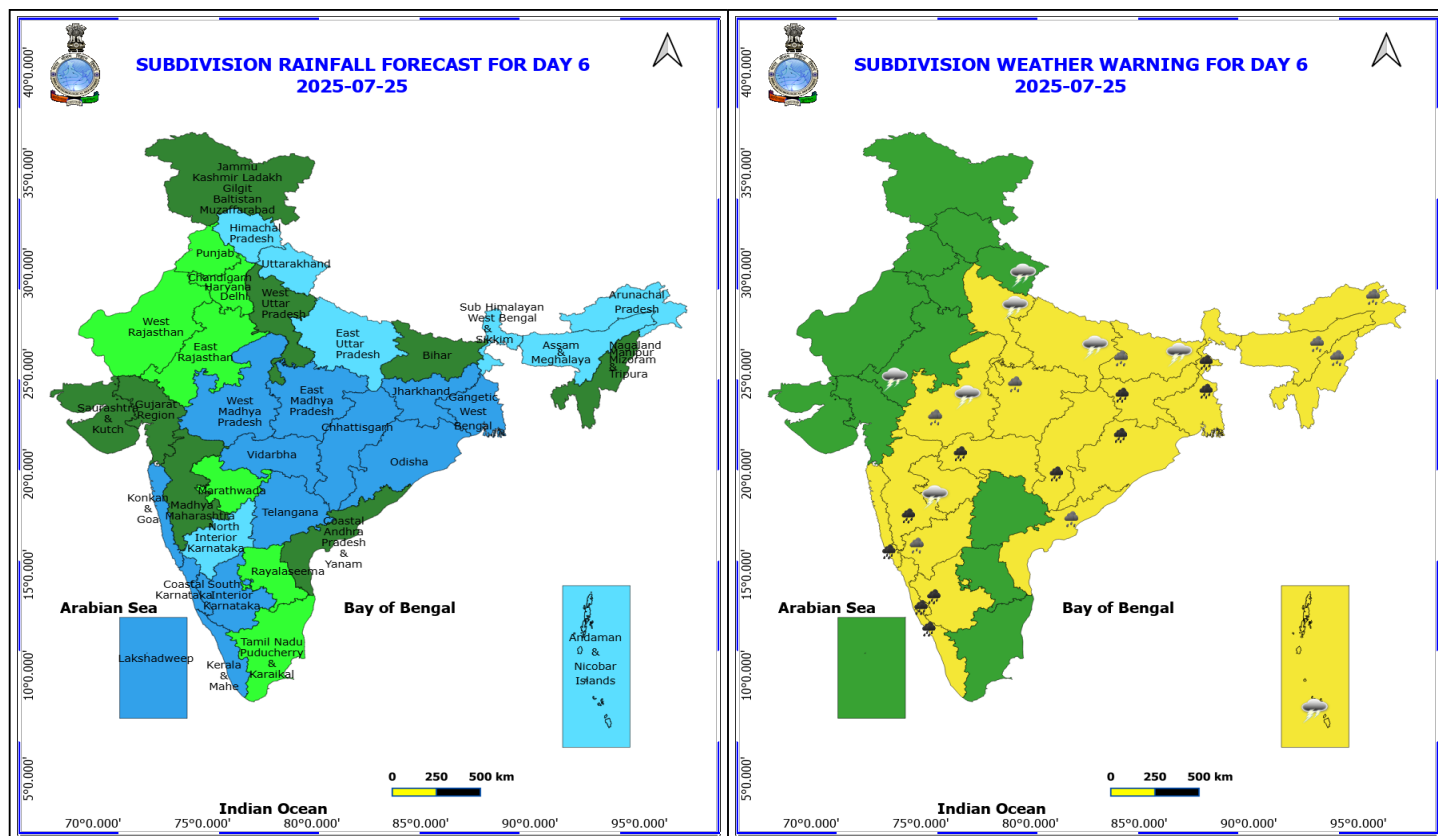
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along and off Sri Lanka coast, over Andaman Sea.

- Squally weather with wind speed 45 - 55 kmph gusting to 65 kmph likely to prevail over most parts of central and south Bay of Bengal, many parts of north Andaman Sea.



25 July (Day 6)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Chhattisgarh, Coastal Karnataka, Jharkhand, Kerala & Mahe, Konkan & Goa, Madhya Maharashtra, Odisha, South Interior Karnataka, Vidarbha and West Bengal & Sikkim.
- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Bihar, Coastal Andhra Pradesh, Madhya Pradesh, Nagaland, Manipur, Mizoram and Tripura and North Interior Karnataka.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Andaman & Nicobar Islands, Bihar and Uttarakhand.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over East Rajasthan, Marathwada, Uttar Pradesh and West Madhya Pradesh.

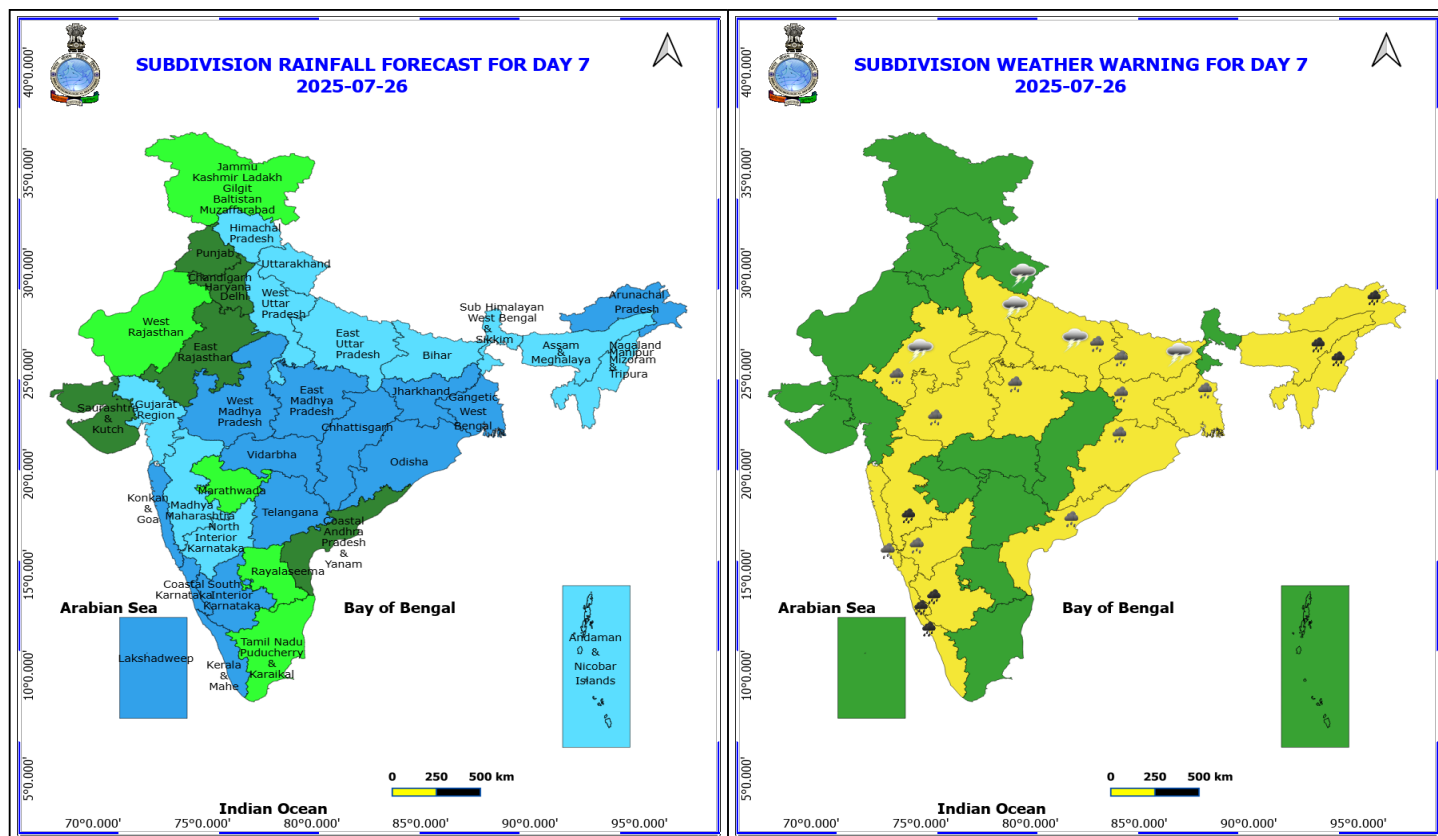
No Fishermen Warning

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26 July (Day 7)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Coastal Karnataka, Kerala & Mahe, Madhya Maharashtra, Nagaland, Manipur, Mizoram and Tripura and South Interior Karnataka.
- ❖ **Heavy Rainfall** likely at isolated places over Bihar, Coastal Andhra Pradesh, East Rajasthan, East Uttar Pradesh, Gangetic West Bengal, Jharkhand, Konkan & Goa, Madhya Pradesh, North Interior Karnataka and Odisha.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Bihar and Uttarakhand.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over East Rajasthan and Uttar Pradesh.

No Fishermen Warning

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Flash Flood Warnings

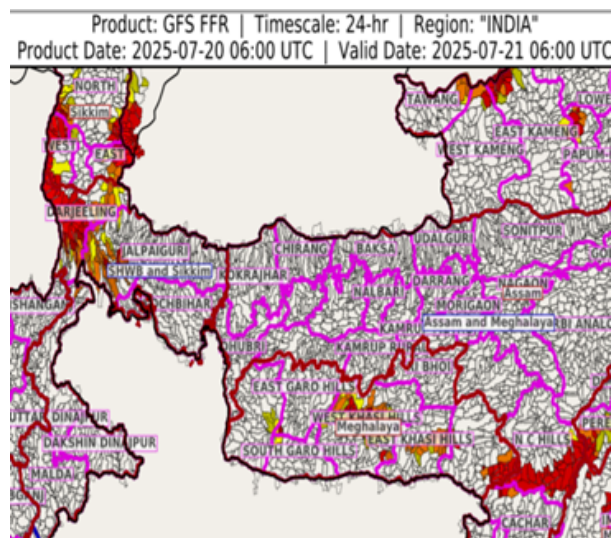
24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 21-07-2025 :

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

Assam & Meghalaya - Cachar, N.C Hills, East Garo Hills, East Khasi Hills, North Garo Hills, South Garo Hills, West Khasi Hills and Jaintia Hills districts.

Sub-Himalayan West Bengal & Sikkim - East Sikkim, North Sikkim, West Sikkim, Darjeeling, Jalpaiguri and Uttar_Dinajpur 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.



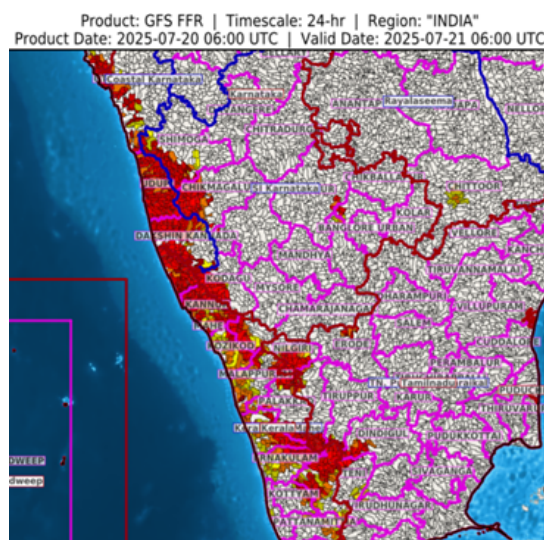
24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 21-07-2025 :

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

Coastal Karnataka - Dakshin Kannada, Udupi and Uttar Kannada districts.

Kerala & Mahe - Alappuzha, Ernakulam, Idukki, Kannur, Kasargod, Kottayam, Kozikod, Mahe, Malappuram, Palakkad, Pattanamittia, Trishur and Wayanad 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.



24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 21-07-2025 :

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

Himachal Pradesh - Bilaspur, Chamba, Kangra, Kullu, Mandi, Shimla, Sirmaur and Solan districts.

Uttarakhand - Almora, Bageshwar, Chamoli, Champawat, Dehradun, Nanital, Pauri Garhwal,

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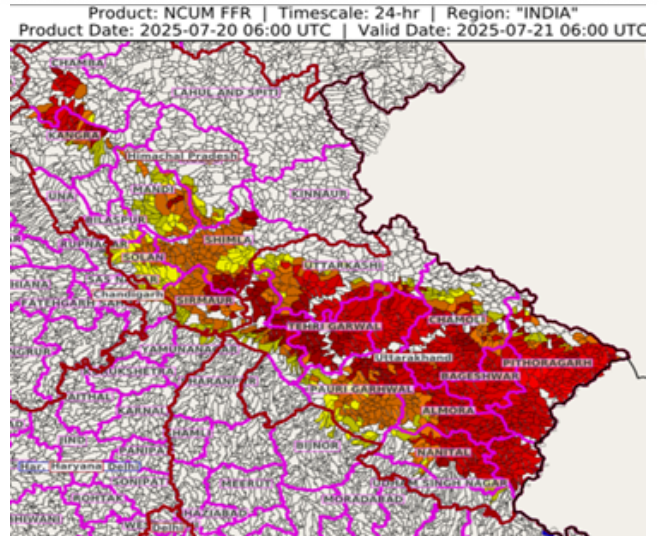
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Pithoragarh, Rudraprayag, Tehri Garwal and Uttarkashi districts.

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

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

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Fig. 1: Maximum Temperatures Dated 2025-07-20

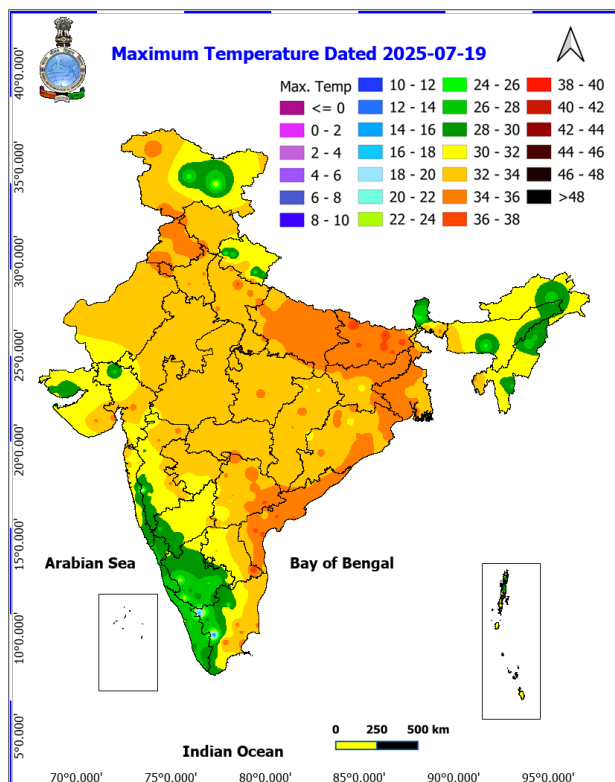


Fig. 2: Departure of Maximum Temp. Dated 2025-07-20

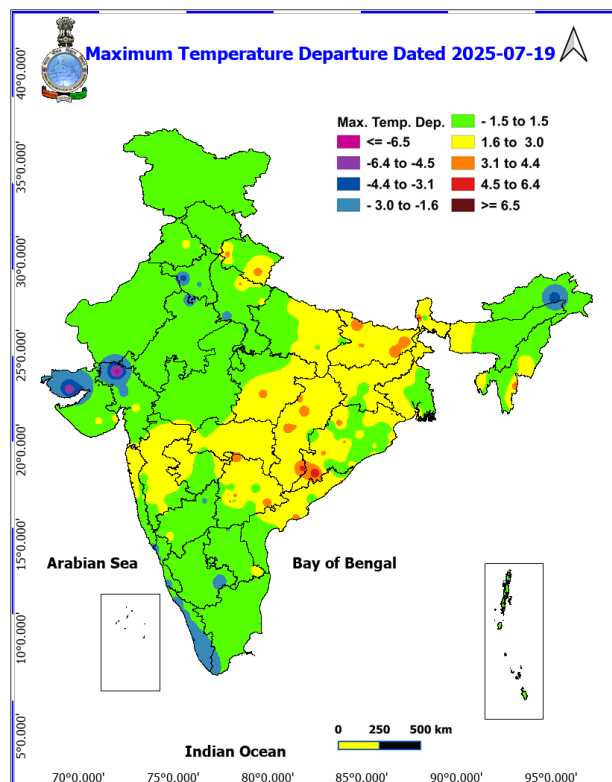


Fig. 3: Minimum Temperatures Dated 2025-07-20

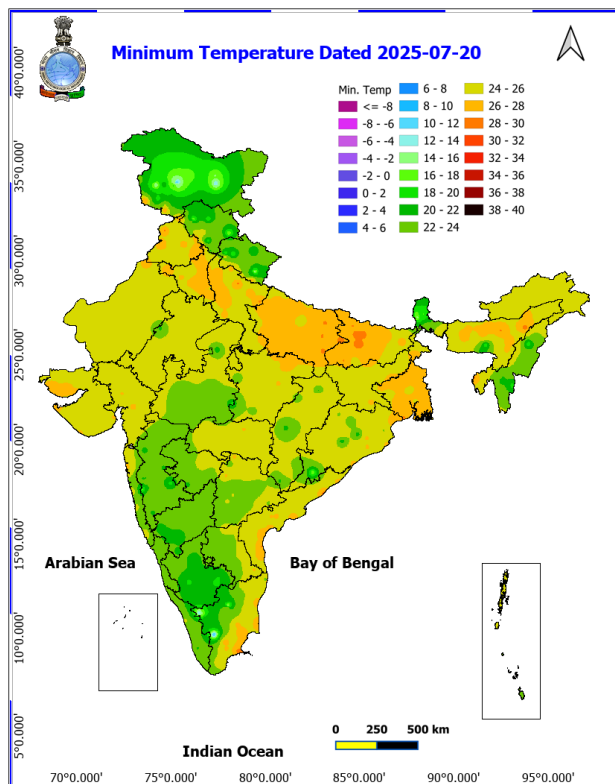
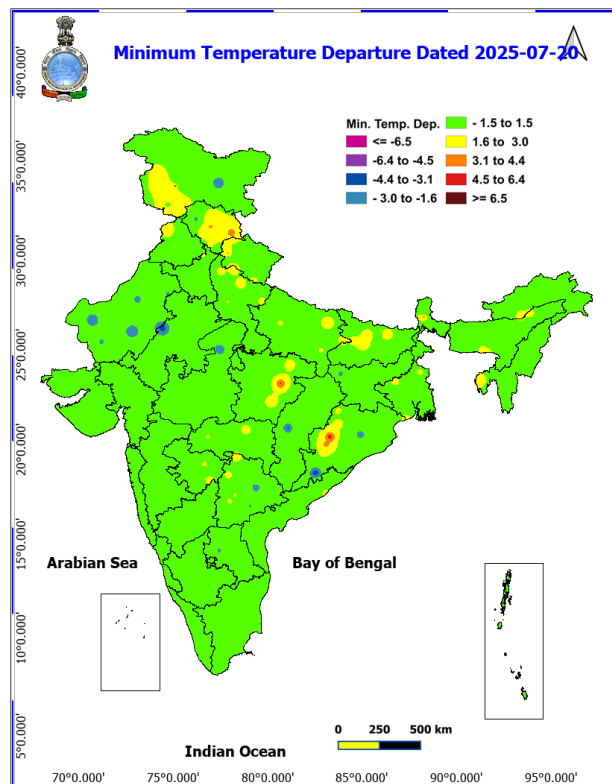
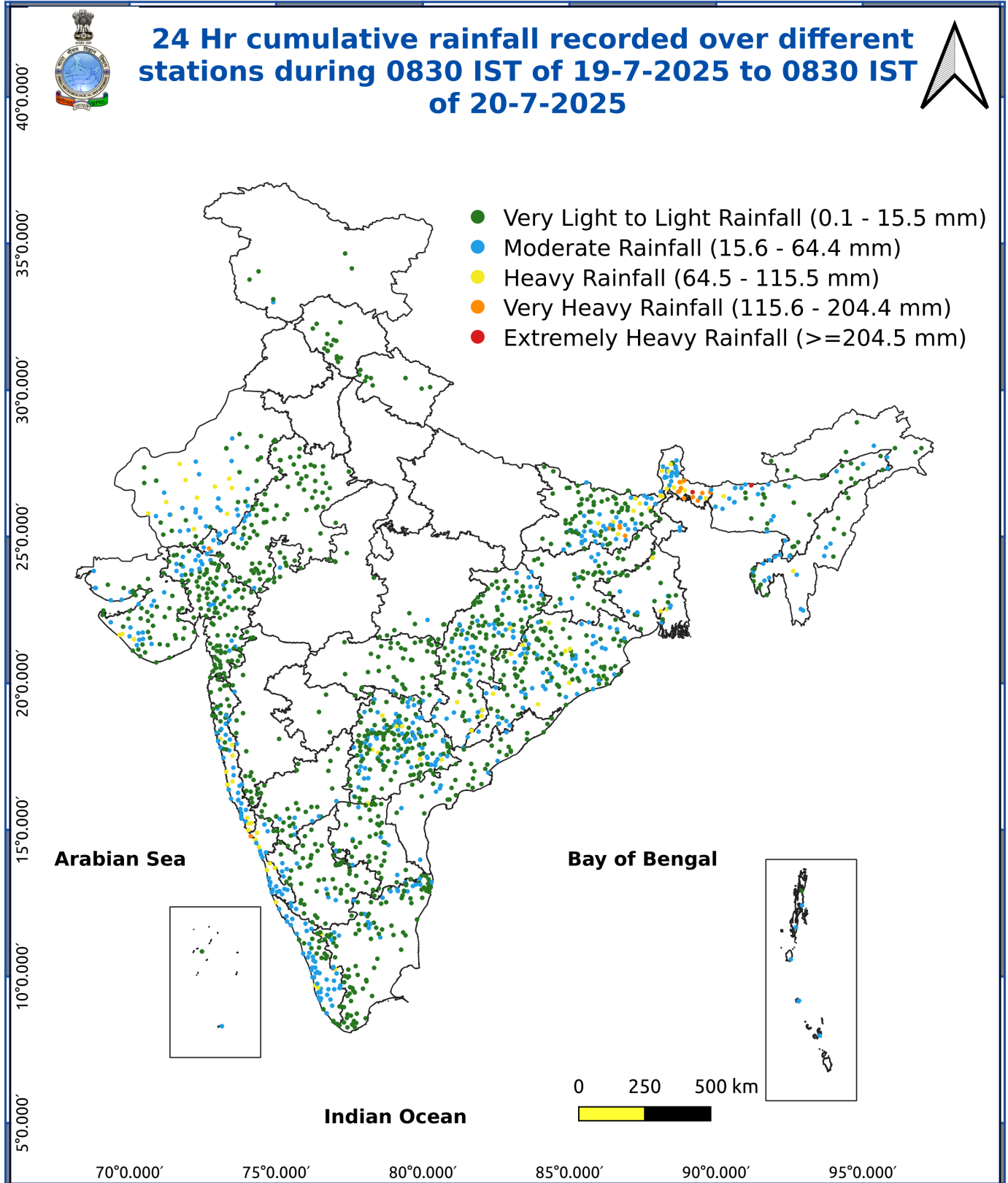


Fig. 4: Departure of Minimum Temp. Dated 2025-07-20





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Impact & Action Suggested

Very heavy rainfall over Saurashtra & Kutch, **Chhattisgarh, Sub-Himalayan West Bengal & Sikkim**, Arunachal Pradesh on 20th, Uttarakhand, Tamil Nadu during 20th-22th, Himachal Pradesh during 21st-23rd Konkan & Goa, Ghat areas of Madhya Maharashtra, Kerala & Mahe, Coastal and South Interior Karnataka during 20th-26th; Telangana during 20th-24th July **Vidarbha, Chhattisgarh, Odisha, Gangetic West Bengal during 23rd-25th July**

Impact Expected

Localized Flooding of roads, water logging in low lying areas and closure of underpasses mainly in urban areas of **(Rajasthan and West Madhya Pradesh)** the above region.

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 / Heavy to Very Heavy Rainfall

In **Sub-Himalayan West Bengal**, maintain proper drainage in *kharif* rice, jute and vegetables in **Terai Zone**. Maintain proper drainage channels to remove excess water from the rice fields, ginger, vegetables and fruit orchards in **Hill Zone**.

In **Bihar**, drain out excess water from paddy nurseries, maize, pigeon pea, finger millet, horticulture and vegetables crops.

In **Odisha**, drain out excess water from rice nurseries and fields of transplanted rice, maize, pulses, vegetable and

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plantation crops.

In **Rajasthan**, drain out excess water from already sown green gram, sesame, moth bean, cluster bean and pearl millet crops in **Arid Western Plain Zone**. Make arrangement to drain out excess water from the fields of already sown sugarcane, banana, rice, maize, cotton, soybean, and groundnut fields in **Sub Humid Southern Plain and Aravali Hill Zone**. Ensure proper drainage facilities to remove excess water from fields of already sown crops of sorghum, maize, mung bean, cluster bean, cowpea, moth bean, and pearl millet in **Semi Arid Eastern Plain Zone**.

In **Uttarakhand**, maintain proper drainage channels in rice field in **Bhabar and Tarai Zone**. Maintain proper drainage channels in black gram in **Hill Zone**. Make necessary arrangements to drain out excess water from barnyard millet, finger millet, cucumber and rice fields in **Sub Humid SubTropic Zone**.

In **Himachal Pradesh**, make proper drainage channels in the standing crops like maize, finger millet and vegetable fields. Provide staking to tall and leguminous crops and cucumber vines. In **Mid Hills Sub Humid Zone**, undertake harvesting of matured tomato, brinjal, capsicum and fruits and keep the harvested produce at safer places.

In **Arunachal Pradesh**, keep the harvested soybean crop at safer places. Postpone sowing / transplanting of millet and transplanting of rice during heavy rainfall. Maintain drainage in already sown / transplanted finger millet, orchards, vegetables and transplanted rice. Cover the nursery bed of millet with plastic sheet or shed, and cover the surface of already sown seed with light layer of natural mulches like leaves.

In **Meghalaya**, maintain proper drainage channels around the nursery beds of rice. Ensure adequate drainage in maize, cow pea, okra, brinjal and pumpkin crop fields to prevent waterlogging. Provide support to banana plant to prevent lodging.

In **Tamilnadu**, provide drainage in rice nursery and recently transplanted rice fields in **Western Zone**; sorghum, sugarcane, maize, rice, banana and coconut fields in **Southern Zone** and standing crops in **High altitude Hilly Zone**. Provide support to banana plants in **Cauvery Delta Zone**.

In **Kerala**, provide mechanical support to protect banana plants. Ensure proper drainage facilities in banana, coconut and rice in **Central Zone**; banana, coconut, ginger and vegetable fields in **Southern Zone** and rice nursery in **High Altitude Zone**. In **Northern Zone**, postpone sowing / nursery preparation for transplanting of rice.

Karnataka - In **Coastal Zone**, postpone nursery sowing of rice and provide drainage in arecanut fields and banana orchards. In **Hill Zone**, make arrangements to drain out excess water from rice nurseries, fields of maize, cotton, ginger and plantations of arecanut. In **Southern Transition Zone**, provide proper drainage in arecanut and coconut fields. Cover young seedlings in rice nursery and vegetables with coverings like plastic sheets or agro-shade nets. Postpone transplanting of rice. In **Southern Dry Zone**, provide staking / support to maize, tomato and banana crop. Ensure proper drainage to prevent waterlogging especially in rice, vegetables and spice crops. Cover young rice seedlings with plastic sheets or agro-shade nets and postpone transplanting.

In **Konkan**, make arrangement to drain out excess water from rice and finger millet nurseries, groundnut, vegetables and orchards. In **ghat areas** of **Madhya Maharashtra** drain out excess water from rice and finger millet nurseries.

In **Chhattisgarh**, make arrangements for drainage of excess water from fields of rice, maize, pigeon pea, minor millets and vegetables. Provide mechanical support to tall/weak crops with stakes or bamboo to prevent lodging or breakage.

Livestock / Fishery

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

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

Construct an outlet with proper netting around the ponds to drain out excess water, thereby preventing fish from

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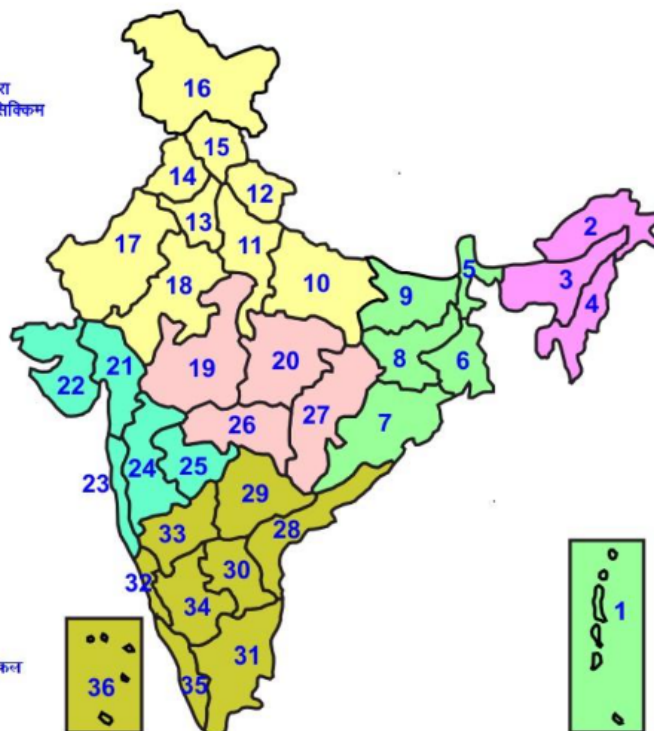
escaping in case of overflow.

Agromet advisories for likely impact of Thunderstorm / Gusty Winds / Squally 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.

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

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LEGENDS

WARNING

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

Probabilistic Forecast

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



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



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

Heat Wave: Maximum Temperature Departure from normal 4.5°C to 6.4°C .
Severe Heat Wave: Maximum Temperature Departure from normal $\geq 6.5^{\circ}\text{C}$

(b). Based on Actual maximum temperature

Heat Wave: When actual maximum temperature $\geq 45^{\circ}\text{C}$.
Severe Heat Wave: When actual maximum temperature $\geq 47^{\circ}\text{C}$

(c). Criteria for heat wave for coastal stations

When maximum temperature departure is $> 4.5^{\circ}\text{C}$ from normal. Heat Wave may be described provided maximum temperature $\geq 37^{\circ}\text{C}$



When maximum temperature remains 40°C

Warm Night: When minimum temperature departure 4.5°C to 6.4°C .
Severe Warm Night: When minimum temperature departure $> 6.4^{\circ}\text{C}$.



When minimum temperature of a station $\leq 10^{\circ}\text{C}$ for plains and $\leq 0^{\circ}\text{C}$ for hilly regions.

(a). Based on departure

Cold Wave: Minimum Temperature Departure from normal -4.5°C to -6.4°C .
Severe Cold Wave: Minimum Temperature Departure from normal $\leq -6.5^{\circ}\text{C}$

(b) Based on actual Minimum Temperature (for Plains only)

Cold Wave: When Minimum Temperature is $\leq 4.0^{\circ}\text{C}$
Severe Cold Wave: When Minimum Temperature is $\leq 2.0^{\circ}\text{C}$

(c) For Coastal Stations

When Minimum Temperature departure is $\leq -4.5^{\circ}\text{C}$ & actual Minimum Temperature is $\leq 15^{\circ}\text{C}$



When minimum temperature of a station $\leq 10^{\circ}\text{C}$ for plains and $\leq 0^{\circ}\text{C}$ for hilly regions
Based on departure

Cold Day: Maximum Temperature Departure from normal -4.5°C to -6.4°C .
Severe Cold Day: Maximum Temperature Departure from normal $\leq -6.5^{\circ}\text{C}$



Phenomenon of small droplets suspended in air and the horizontal visibility $< 1\text{km}$

Moderate Fog: When the visibility between 500-200 metres
Dense Fog: when the visibility between 50-200 metres
Very Dense Fog: when the visibility < 50 metres



Sudden electrical discharges manifested by a flash of light (Lightning) and a sharp rumbling sound (thunder)



An ensemble of particles of dust or sand energetically lifted to great heights by a strong and turbulent wind.



Ice deposits on ground

Air temperature $\leq 4^{\circ}\text{C}$ (over Plains)



A strong wind that rises suddenly, lasts for at least 1 minute.

Moderate: Wind speed 52-61 kmph
Severe: Wind speed 62-87 kmph
Very Severe: Wind speed > 87 kmph



Effect of various waves in the sea over specific area

Rough to very rough: Wind speed 41-62 kmph (22-33 knots) & Wave height 2.5-6 metre
High to very high: Wind speed 63-117 kmph (34-63 knots) & Wave height 6-14 metre
Phenomenal: Wind speed > 117 kmph (> 63 knots) & Wave height > 14 metre



Cyclonic Storm: Wind speed 62-87 kmph (34-47 knots)

Severe Cyclonic Storm: Wind speed 88-117 kmph (48-63 knots)
Very Severe Cyclonic Storm: Wind speed 118-165 kmph (64-89 knots)
Extremely Severe Cyclonic Storm: Wind speed 166-220 kmph (90-119 knots)
Super Cyclone Storm: Wind speed > 220 kmph (> 119 knots)

*Red color warning does not mean "Red Alert" Red color warning means "Take Action"

Forecast and warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day

For more details kindly visit <https://mausam.imd.gov.in> or contact 011-2434-4599

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