

2025-07-12

Time of Issue: 12:18:00 hours IST  
(Mid-Day)

## ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN

### Significant Weather Features

#### Weather Forecast and Warnings

##### Northwest India:

Isolated **heavy rainfall** likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 14<sup>th</sup>-16<sup>th</sup>; Himachal Pradesh during 13<sup>th</sup>-18<sup>th</sup>; Uttarakhand during 12<sup>th</sup>-18<sup>th</sup>; Punjab on 16<sup>th</sup>; Haryana, Chandigarh & Delhi on 14<sup>th</sup>; West Uttar Pradesh on 13<sup>th</sup>, 16<sup>th</sup> & 17<sup>th</sup>; East Uttar Pradesh during 14<sup>th</sup> - 17<sup>th</sup>; Rajasthan during 12<sup>th</sup>-16<sup>th</sup> July with **very heavy rainfall over Uttarakhand on 13<sup>th</sup>; Uttar Pradesh on 12<sup>th</sup>; West Rajasthan during 13<sup>th</sup>-15<sup>th</sup>; East Rajasthan during 12<sup>th</sup>-14<sup>th</sup> July.**

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

##### East & Central India:

Isolated **heavy rainfall** very likely to continue over Madhya Pradesh during 12<sup>th</sup>-18<sup>th</sup>; Chhattisgarh on 12<sup>th</sup> & during 16<sup>th</sup>-18<sup>th</sup>; West Bengal & Sikkim during 13<sup>th</sup> -15<sup>th</sup>; Bihar during 15<sup>th</sup>-17<sup>th</sup>; Jharkhand & Odisha during 13<sup>th</sup>-15<sup>th</sup> July **with very heavy rainfall over Madhya Pradesh during 12<sup>th</sup>-14<sup>th</sup> July.**

Light/moderate rainfall at most/many places accompanied with thunderstorm & lightning likely over the region during next 7 days.

##### West India:

**Heavy rainfall** likely at isolated places over Konkan & Goa during 12<sup>th</sup>-15<sup>th</sup>; Gujarat Region during 12<sup>th</sup>-16<sup>th</sup>; Ghat areas of Madhya Maharashtra during 13<sup>th</sup>-15<sup>th</sup> and Saurashtra on 13<sup>th</sup> July **with very heavy rainfall over Gujarat Region on 13<sup>th</sup> & 14<sup>th</sup> July.**

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

##### Northeast India:

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

Isolated **heavy rainfall** very likely over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura during 12<sup>th</sup>-18<sup>th</sup>; Arunachal Pradesh during 14<sup>th</sup>-18<sup>th</sup> July.

##### South Peninsular India:

Isolated **heavy rainfall** likely over Kerala & Mahe, Coastal Karnataka during 12<sup>th</sup>-18<sup>th</sup>; South Interior Karnataka on 12<sup>th</sup> & during 15<sup>th</sup> -18<sup>th</sup>; Tamil Nadu during 15<sup>th</sup>-18<sup>th</sup> July.

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

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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.

**Hot & Humid weather Warnings:**

Hot & Humid weather conditions very likely in isolated pockets of Tamil Nadu on 12<sup>th</sup> & 13<sup>th</sup>; Coastal Andhra Pradesh & Yanam and Rayalaseema during 12<sup>th</sup>-14<sup>th</sup> July.

### Main Weather Observations:

❖ **Rainfall distribution** (from 0830 hours IST of yesterday to 0830 hours IST of today): **at most places** over Himachal Pradesh, East Madhya Pradesh, Konkan & Goa, Coastal Karnataka, Kerala & Mahe and Lakshadweep; **at many places** over Gangetic West Bengal, East Uttar Pradesh, Uttarakhand, West Rajasthan, East Rajasthan, Chhattisgarh and South Interior Karnataka; **at a few places** over Andaman & Nicobar Islands, Arunachal Pradesh, Nagaland, Manipur, Mizoram & Tripura, Odisha, West Uttar Pradesh, Haryana-Chandigarh-Delhi, Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad, West Madhya Pradesh, Gujarat Region, Saurashtra & Kutch, Madhya Maharashtra, Marathwada, Vidarbha, Telangana and North Interior Karnataka; **at isolated places** over Assam & Meghalaya, Sub Himalayan West Bengal & Sikkim, Bihar, Punjab, 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): **East Madhya Pradesh:** Beohari (dist Shahdol) 25; Majhgaon (dist Satna) 24; Gudh (dist Rewa) 22; Rewa-aws (dist Rewa), Huzur (dist Rewa) 20 Each; Ajaigarh (dist Panna), Sidhi (gopadbanas) (dist Sidhi), Rampur (dist Sidhi), Unchehra (dist Satna) 19 Each; Churhat (dist Sidhi) 17; Ramnagar (dist Satna) 16; Deori (dist Sagar), Rampur Baghelan (dist Satna) 15 Each; Chahtarpur-aws (dist Chhatarpur), Khajuraho AP (dist Chhatarpur), Panna-aws (dist Panna) 14 Each; Maihar (dist Satna), Bijawar (dist Chhatarpur) 13 Each; Palera (dist Tikamgarh), Bahri (dist Sidhi) 12 Each; Sihawal (dist Sidhi), Amanganj (dist Panna) 11 Each; Nowgong (dist Chhatarpur), Tikamgarh-aws (dist Tikamgarh), Gonour (dist Panna), Gaurihar (dist Chhatarpur) 10 Each; Tendukheda (dist Narsinghpur), Nagode (dist Satna), Shahnagar (dist Panna), Mangawan (dist Rewa), Sohawal (dist Satna), Birsingpur (dist Satna) 9 Each; Hatta (dist Damoh), Narsinghpur-aws (dist Narsinghpur), Satna (raghurajnagar) (dist Satna), Jabera (dist Damoh), Niwas (dist Mandla), Majhauri (dist Sidhi) 8 Each; Ghansore (dist Seoni), Patera (dist Damoh), Amarpatan (dist Satna), Pawai (dist Panna), Banda (dist Sagar), Shahgarh (dist Sagar), Baldevgarh (dist Tikamgarh), Prithvipur (dist Niwari), Vijayraghogarh (dist Katni), Singodi (dist Katni), Badagaon Dhasan (dist Tikamgarh), Mohangarh (dist Tikamgarh), Lidhora (dist Tikamgarh) 7 Each; **Coastal Karnataka:** Manki (dist Uttara Kannada) 22; Shirali PTO (dist Uttara Kannada) 15; Kota (dist Udupi) 12; Honavar (dist Uttara Kannada), Kundapur (dist Udupi), Mangaluru (dist Dakshina Kannada) 10 Each; Gokarna (dist Uttara Kannada), Kumta (dist Uttara Kannada) 9 Each; Udupi (dist Udupi), Mangaluru AP (dist Dakshina Kannada), Karkala (dist Udupi) 8 Each; Mulki (dist Dakshina Kannada), Ankola (dist Uttara Kannada) 7 Each; **East Uttar Pradesh:** Karwi (dist Chitrakoot) 22; Manikpur (dist Chitrakoot) 21; Banda (dist Banda) 15; Kanpur IAF (dist Kanpur City) 13; Mau Tehsil (dist Chitrakoot) 12; Attarra (dist Banda), Naraini (dist Banda) 11 Each; Banda CWC (dist Banda) 9; Bindki (dist Fatehpur), Chunar (dist Mirzapur) 7 Each; **West Uttar Pradesh:** Madawara (dist Lalitpur), Mahroni (dist Lalitpur) 10 Each; Jansath (dist Muzaffarnagar), Hapur (dist Hapur) 8 Each; Kulpahar (dist Mahoba), Talbehat (dist Lalitpur), Maudaha (dist Hamirpur) 7 Each; **East Rajasthan:** Sambhar SR (dist Jaipur) 9; Sarmathura SR (dist Dholpur) 8; **Kerala & Mahe:** Kochi IAF (dist Ernakulam), Palluruthy ARG (dist Ernakulam) 9 Each; Mavelikara (dist Alapuzha), Nooranad AWS (dist Alapuzha) 8 Each; **South Interior Karnataka:** Agumbe AWS (dist Shivamogga) 9; **West Madhya Pradesh:** Pichhore (dist Shivpuri), Shamshabad (dist Vidisha) 9 Each; Dabra (dist Gwalior), Jawad (dist Neemuch), Salwani (dist Raisen), Biaora (dist Rajgarh), Vidisha (dist Vidisha), Roan (dist Bhind), Kumbhraj (dist Guna) 7 Each; **West Rajasthan:** Padampur (dist Sri Ganganagar) 8; **Chhattisgarh:** Doura Kochali (dist Balrampur) 8; **Himachal Pradesh:** Pandoh (dist Mandi) 8; **Haryana-Chandigarh-Delhi:** Nagina REV (dist Nuh) 7.

❖ **Heavy Rainfall observed** (from 0830 hours IST of yesterday to 0830 hours IST of today): **Extremely heavy rain** at isolated places over East Uttar Pradesh, East Madhya Pradesh and Coastal Karnataka. **Heavy to very heavy rain** at isolated places over East Uttar Pradesh, East Madhya Pradesh and Coastal Karnataka. **Heavy rain** at a few places over Coastal Karnataka and at isolated places over West Uttar Pradesh, Haryana-Chandigarh-Delhi, Himachal Pradesh, West Rajasthan, East Rajasthan, West Madhya Pradesh, Chhattisgarh, South Interior Karnataka and Kerala & Mahe.

❖ **Minimum Temperature Departures (as on 12-07-2025):** **markedly above normal(> 5.1°C)** at few places over Assam & Meghalaya; at isolated places over Sub Himalayan West Bengal & Sikkim, Bihar, East Uttar Pradesh, West Uttar Pradesh, Himachal Pradesh and West Madhya Pradesh. **appreciably above normal(3.1°C to 5.0°C)** at few places over Andaman & Nicobar Islands; at isolated places over Gangetic West Bengal, Odisha, West Rajasthan, East Madhya Pradesh, Gujarat Region, Saurashtra & Kutch, Coastal Andhra Pradesh & Yanam, Rayalaseema and Tamil Nadu, Puducherry & Karaikal. **above normal(1.6°C to 3.0°C)** at most places over Uttarakhand; at few places over Arunachal Pradesh, Jharkhand and Lakshadweep; at isolated places over Nagaland, Manipur, Mizoram & Tripura, Haryana-Chandigarh-Delhi, Konkan & Goa, Marathwada, Vidarbha and Kerala & Mahe. **near normal(-1.5°C to 1.5°C)** at most places over Punjab, Madhya Maharashtra, Chhattisgarh, Telangana, Coastal Karnataka, North Interior Karnataka and South Interior Karnataka; at few places over Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad and

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East Rajasthan. **The lowest minimum temperature** of 17.8°C is reported at KHARGONE-OBS (MADHYA PRADESH) over the Plains of India.

❖ **Maximum Temperature Departures (as on 11-07-2025):** **markedly above normal(> 5.1°C)** at isolated places over Assam & Meghalaya and Coastal Andhra Pradesh & Yanam. **appreciably above normal(3.1°C to 5.0°C)** at few places over Arunachal Pradesh, Sub Himalayan West Bengal & Sikkim and Rayalaseema; at isolated places over Odisha, Telangana and Tamil Nadu, Puducherry & Karaikal. **above normal(1.6°C to 3.0°C)** at many places over Nagaland, Manipur, Mizoram & Tripura and North Interior Karnataka; at few places over Uttarakhand, Jammu-Kashmir Ladakh-Gilgit-Baltistan-Muzaffarabad, Konkan & Goa, Coastal Karnataka, Kerala & Mahe and Lakshadweep; at isolated places over Andaman & Nicobar Islands, Gangetic West Bengal, Bihar, East Uttar Pradesh, West Uttar Pradesh, Himachal Pradesh, East Rajasthan, Gujarat Region, Madhya Maharashtra, Vidarbha, Chhattisgarh and South Interior Karnataka. **near normal(-1.5°C to 1.5°C)** at many places over West Rajasthan; at most places over Punjab and Marathwada; at few places over Jharkhand and Saurashtra & Kutch; at isolated places over Haryana-Chandigarh-Delhi and West Madhya Pradesh. **The highest maximum temperature** of 41.2°C is reported at MADURAI (A) (TAMIL NADU).

**Meteorological Analysis (Based on 0830 hours IST)**

The monsoon trough at mean sea level now passes through Suratgarh, Sikar, Gwalior, Siddhi, Daltonganj, Contai and thence southeastwards to northeast Bay of Bengal.

The upper air cyclonic circulation over Haryana & neighbourhood persists and now seen between 1.5 & 5.8 km above mean sea level tilting southwards with height.

The Cyclonic circulation over north Chhattisgarh & neighbourhood now lies over northeast Madhya Pradesh & neighbourhood and extends upto 5.8 km above mean sea level.

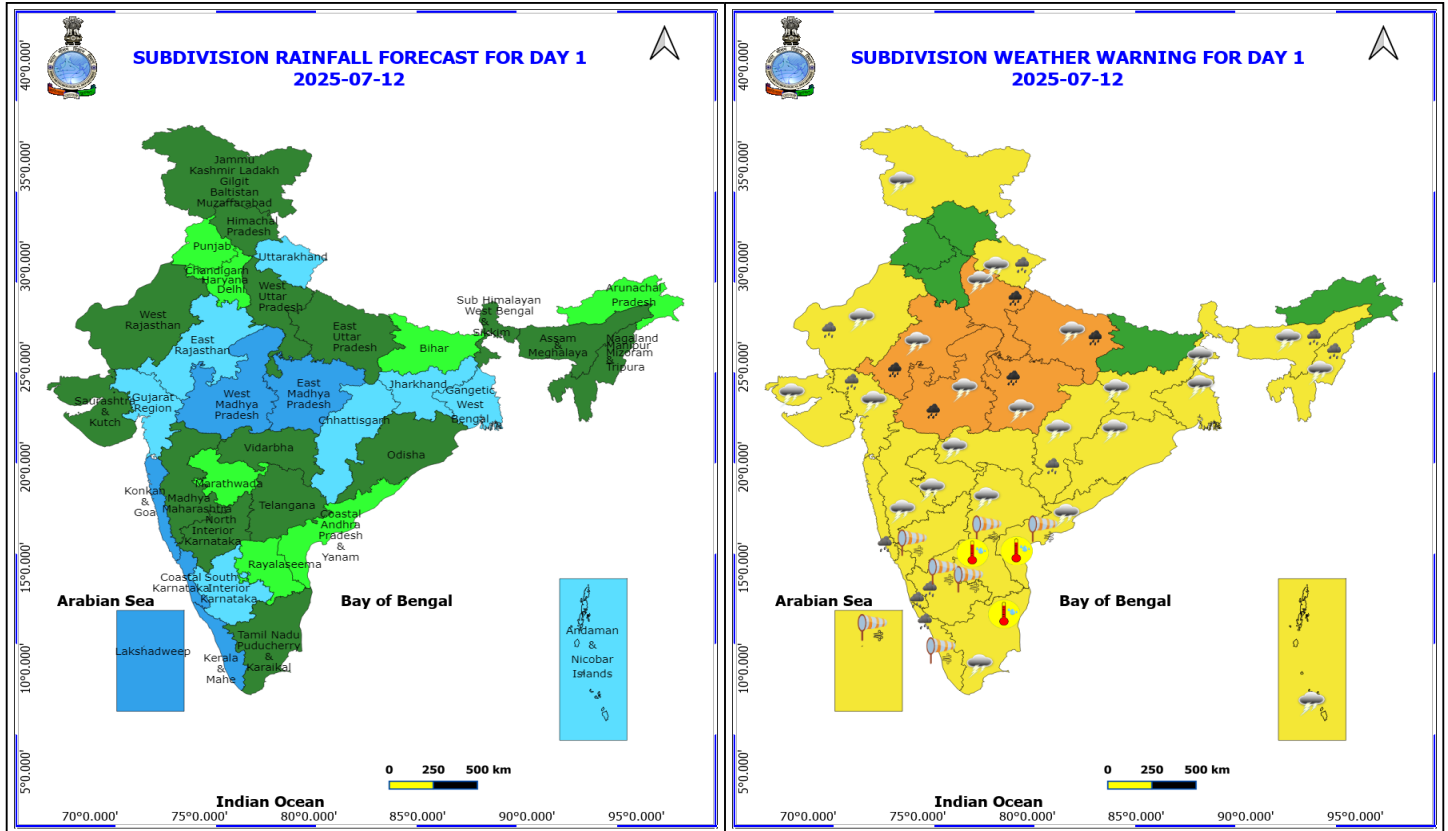
The trough from southwest Uttar Pradesh to northwest Bay of Bengal now runs from north Haryana to northwest Bay of Bengal across south Uttar Pradesh, cyclonic circulation over northeast Madhya Pradesh & neighbourhood, Jharkhand, Gangetic West Bengal at 0.9 km above mean sea level.

The upper air cyclonic circulation over northeast Assam at 0.9 km above mean sea level persists.

The Western Disturbance as a trough in middle tropospheric levels with its axis at 5.8 km above mean sea level roughly along Long. 75°E to the north of Lat. 30°N persists.

An **upper air cyclonic circulation** likely to form over Gangetic West Bengal & neighbourhood on 16<sup>th</sup> July it likely to move west northwestwards during subsequent 3-4 days.

The trough from northeast Arabian Sea to the cyclonic circulation over north Chhattisgarh & neighbourhood across south Gujarat Region, north Madhya Maharashtra, south Madhya Pradesh at 5.8 km above mean sea level has become less marked.



## 12 July (Day 1)

- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over East Rajasthan, Madhya Pradesh and Uttar Pradesh.
- ❖ **Heavy Rainfall** very likely at isolated places over Assam & Meghalaya, Chhattisgarh, Coastal Karnataka, Gujarat Region, Kerala & Mahe, Konkan & Goa, Nagaland, Manipur, Mizoram and Tripura, South Interior Karnataka, Uttarakhand and West Rajasthan.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Gangetic West Bengal, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, Odisha, West Madhya Pradesh and West Rajasthan.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Andaman & Nicobar Islands, Assam & Meghalaya, Chhattisgarh, Coastal Andhra Pradesh, East Madhya Pradesh, East Rajasthan, Gujarat State, Maharashtra, Nagaland, Manipur, Mizoram and Tripura, Sub Himalayan West Bengal & Sikkim, Tamil Nadu Puducherry & Karaikal, Telangana, Uttar Pradesh and Uttarakhand.
- ❖ **Strong Surface Winds** very likely at isolated places over Andhra Pradesh, Interior Karnataka, Kerala & Mahe, Lakshadweep and Telangana.
- ❖ **Hot and Humid weather** very likely at isolated places over Andhra Pradesh and Tamil Nadu Puducherry & Karaikal.

Squally wind speed reaching 45 kmph to 55 kmph gusting to 65 kmph is likely to prevail along and off Somalia, Oman & adjoining Yemen coasts, most parts of westcentral Arabian Sea, northern parts of southwest Arabian Sea, Gulf of Mannar.

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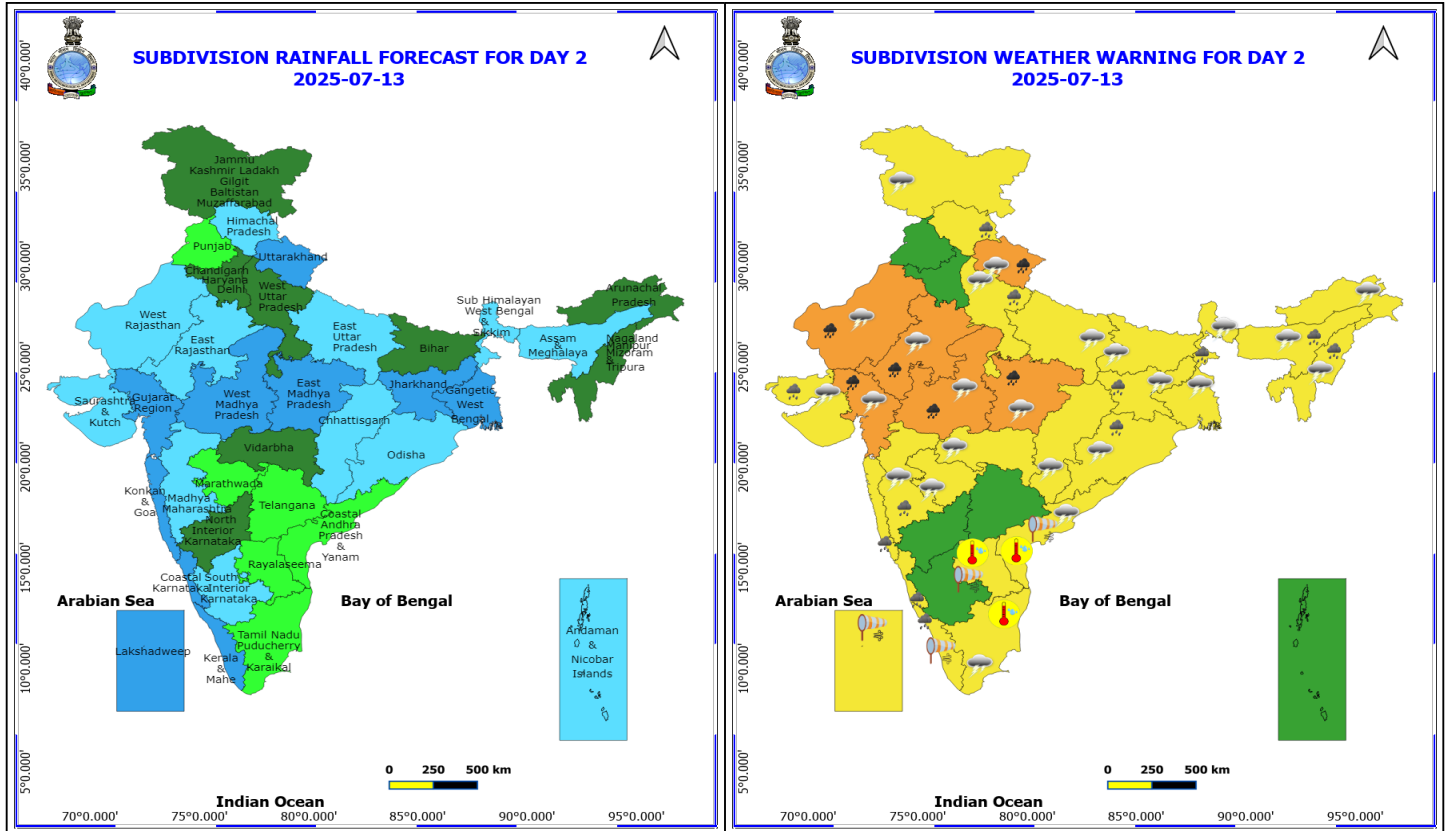
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Squally weather with wind speed 40 - 50 kmph gusting to 60 kmph likely to prevail over many parts of westcentral Arabian Sea, adjoining parts of eastcentral, southwest Arabian, Comorin area and adjoining south Kerala coast, some southern parts of south Bay of Bengal.



### 13 July (Day 2)

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

Squally wind speed reaching 45 kmph to 55 kmph gusting to 65 kmph is likely to prevail along and off Somalia, Oman & adjoining Yemen coasts, most parts of westcentral Arabian Sea, northern parts of southwest Arabian Sea, Gulf of Mannar.

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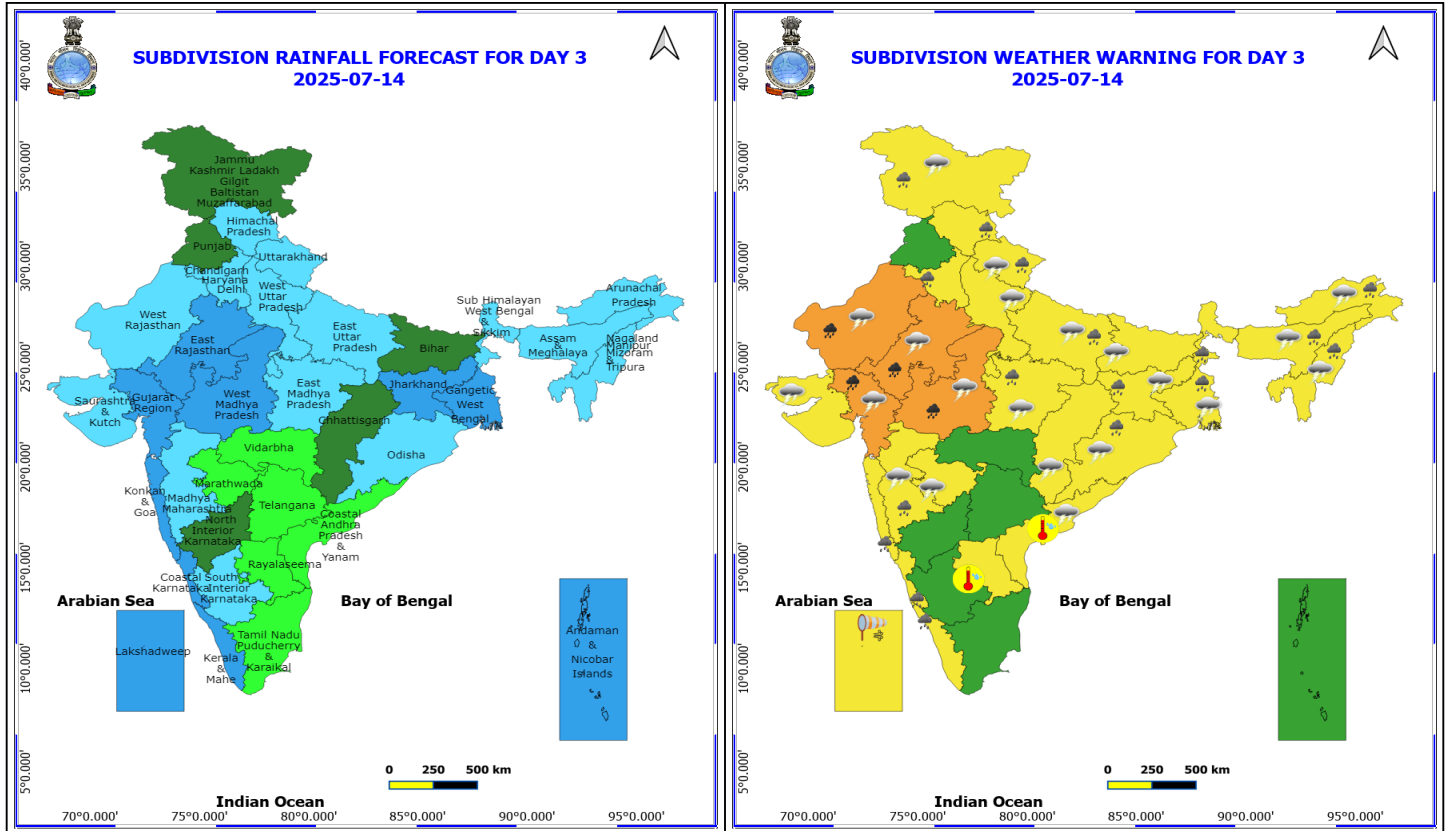
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Squally weather with wind speed 40 - 50 kmph gusting to 60 kmph likely to prevail over many parts of westcentral Arabian Sea, adjoining parts of eastcentral, southwest Arabian, Comorin area, some southern parts of south Bay of Bengal, some parts of southwest and westcentral Bay of Bengal.



#### 14 July (Day 3)

- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Gujarat Region, Rajasthan and West Madhya Pradesh.
- ❖ **Heavy Rainfall** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Coastal Karnataka, East Madhya Pradesh, East Uttar Pradesh, Haryana, Chandigarh & Delhi, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, Kerala & Mahe, Konkan & Goa, Madhya Maharashtra, Nagaland, Manipur, Mizoram and Tripura, Odisha, Uttarakhand and 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 West Rajasthan.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Coastal Andhra Pradesh, East Rajasthan, Gujarat State, Madhya Maharashtra, Madhya Pradesh, Marathwada, Nagaland, Manipur, Mizoram and Tripura, Uttar Pradesh and Uttarakhand.
- ❖ **Strong Surface Winds** very likely at isolated places over Lakshadweep.
- ❖ **Hot and Humid weather** very likely at isolated places over Andhra Pradesh.

Squally wind speed reaching 45 kmph to 55 kmph gusting to 65 kmph is likely to prevail along and off Somalia, Oman & adjoining Yemen coasts, most parts of westcentral Arabian Sea & adjoining, some parts of eastcentral Arabian Sea, northern parts of southwest Arabian Sea, Gulf of Mannar.

Squally weather with wind speed 40 - 50 kmph gusting to 60 kmph likely to prevail over many parts of eastcentral, westcentral Arabian Sea and adjoining south Arabian Sea, along and off Kerala, Karnataka coasts, Lakshadweep

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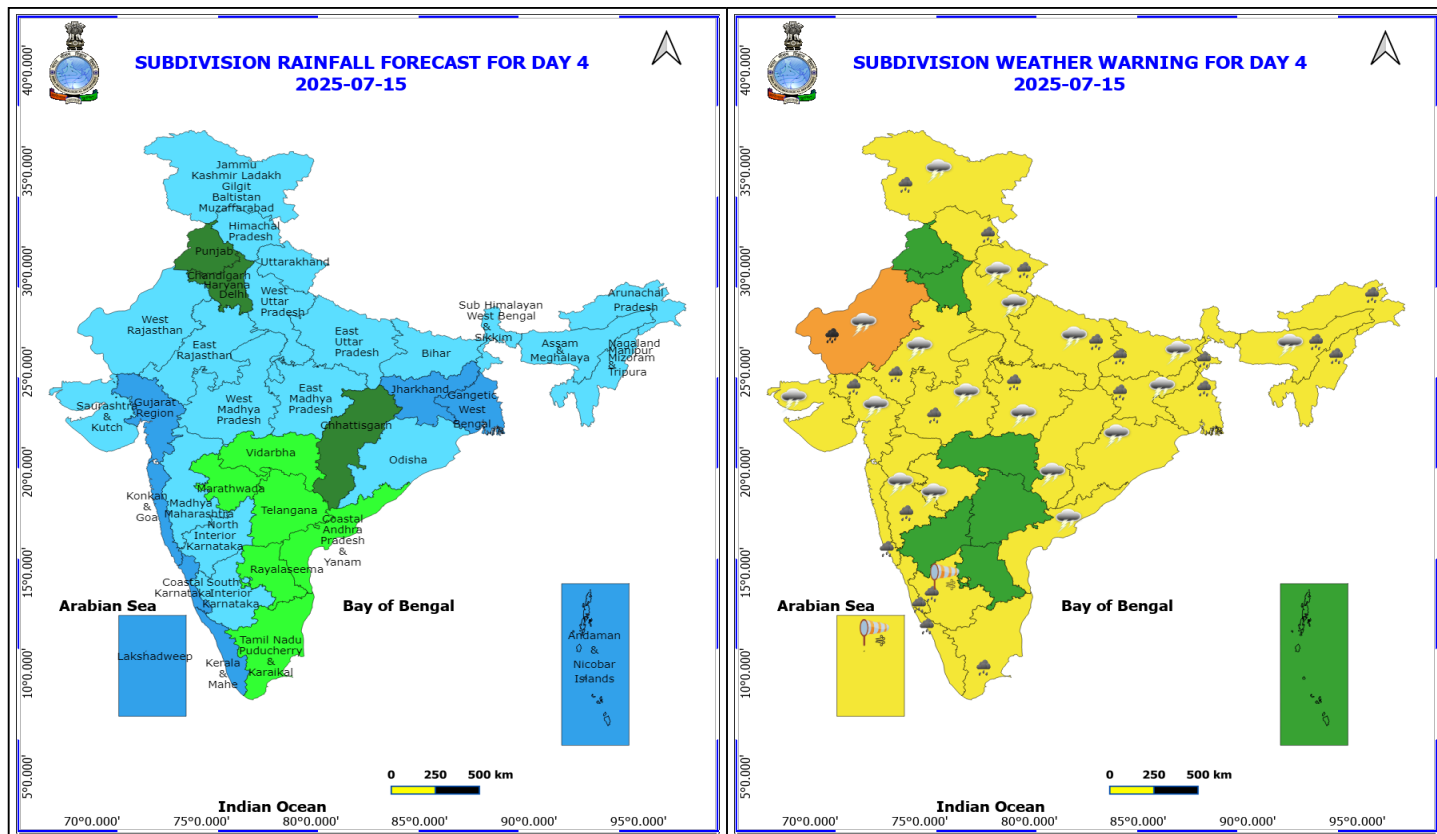
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area, Comorin area, over some parts of southwest & westcentral Bay of Bengal, some southern parts of south Bay of Bengal.



#### 15 July (Day 4)

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

Squally wind speed reaching 45 kmph to 55 kmph gusting to 65 kmph is likely to prevail along and off Somalia, Oman & adjoining Yemen coasts, most parts of westcentral Arabian Sea & adjoining, some parts of eastcentral Arabian Sea, northern parts of southwest Arabian Sea, Gulf of Mannar.

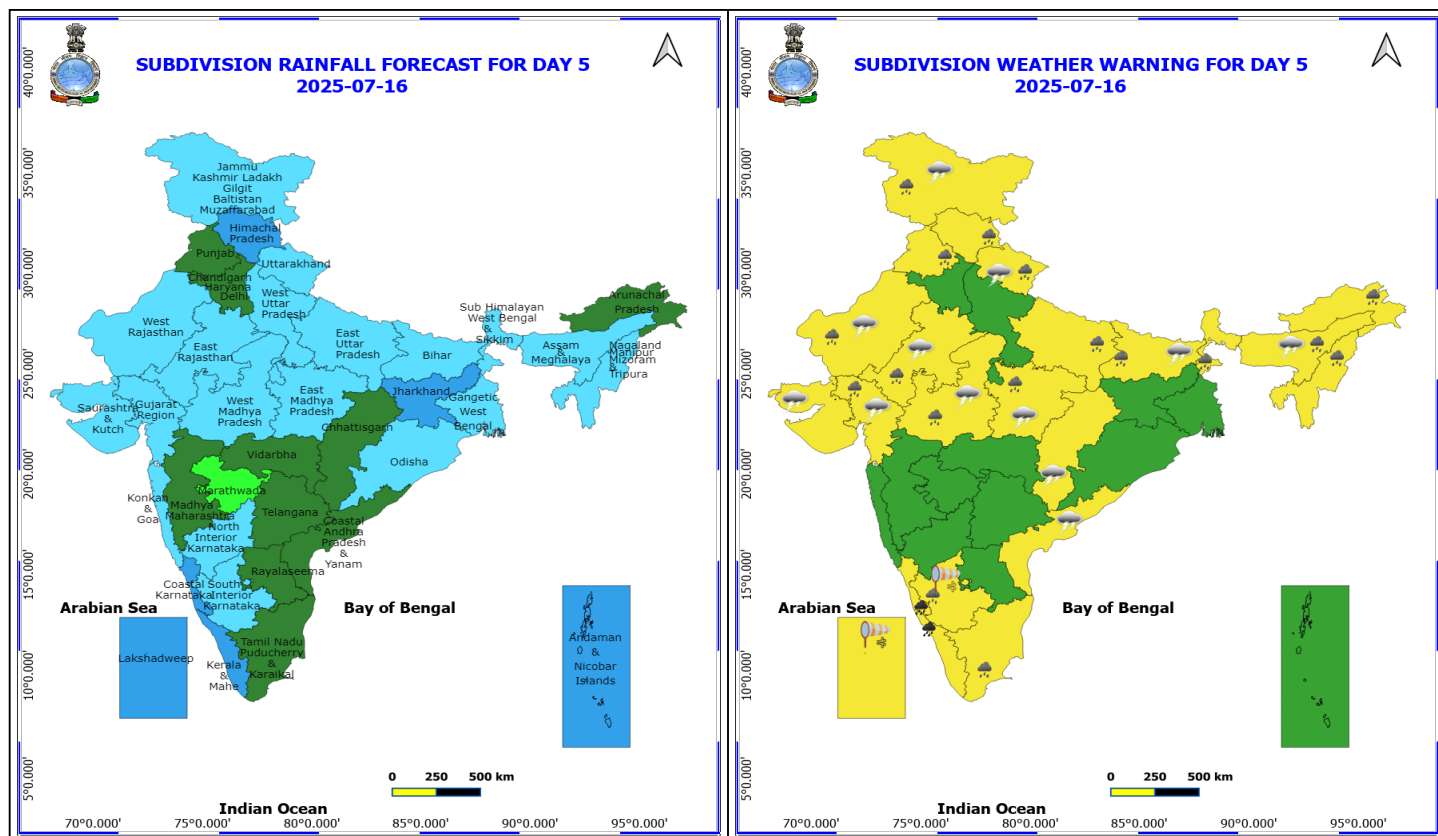
Squally weather with wind speed 40 - 50 kmph gusting to 60 kmph likely to prevail over many parts of eastcentral, westcentral Arabian Sea and adjoining south Arabian Sea, along and off Kerala, Karnataka, Goa, Konkan, south Gujarat coasts, some parts of northeast Arabian Sea, Lakshadweep area, Comorin area, over some parts of southwest & westcentral Bay of Bengal, some southern parts of south Bay of Bengal.

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## 16 July (Day 5)

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

Squally wind speed reaching 45 kmph to 55 kmph gusting to 65 kmph is likely to prevail along and off Somalia, Oman & adjoining Yemen coasts, most parts of westcentral Arabian Sea & adjoining, some parts of eastcentral Arabian Sea, northern parts of southwest Arabian Sea, Gulf of Mannar.

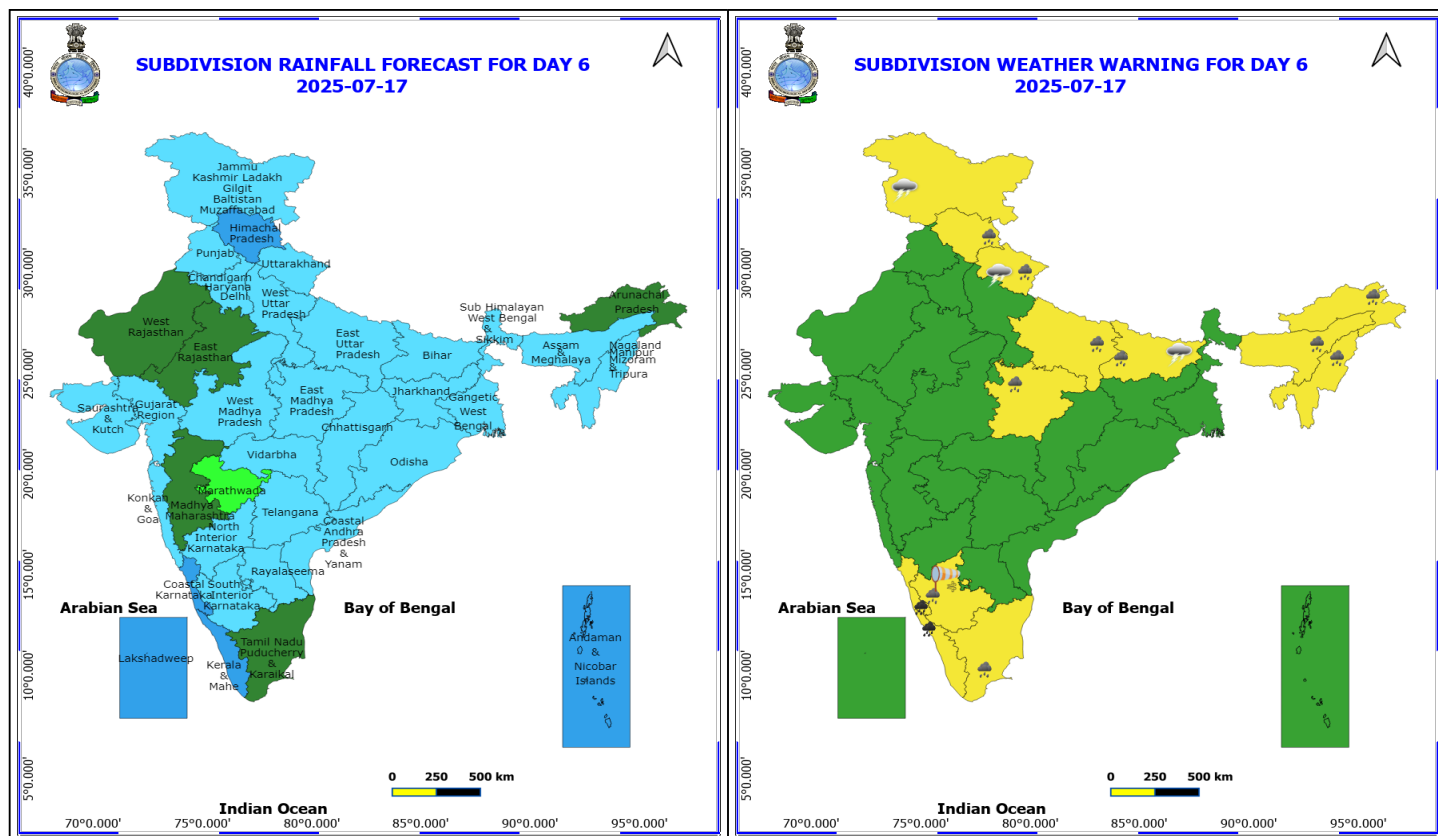
Squally weather with wind speed 40 - 50 kmph gusting to 60 kmph likely to prevail over many parts of eastcentral, westcentral Arabian Sea and adjoining south Arabian Sea, along and off Kerala, Karnataka coasts, Lakshadweep area, Comorin area, over few parts of southwest & westcentral Bay of Bengal, some southern parts of southwest Bay of Bengal.

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## 17 July (Day 6)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Coastal Karnataka and Kerala & Mahe.
- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Bihar, East Madhya Pradesh, East Uttar Pradesh, Himachal Pradesh, Nagaland, Manipur, Mizoram and Tripura, South Interior Karnataka, Tamil Nadu Puducherry & Karaikal and Uttarakhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Bihar and Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Uttarakhand.
- ❖ **Strong Surface Winds** likely at isolated places over South Interior Karnataka.

**No Fishermen Warning**

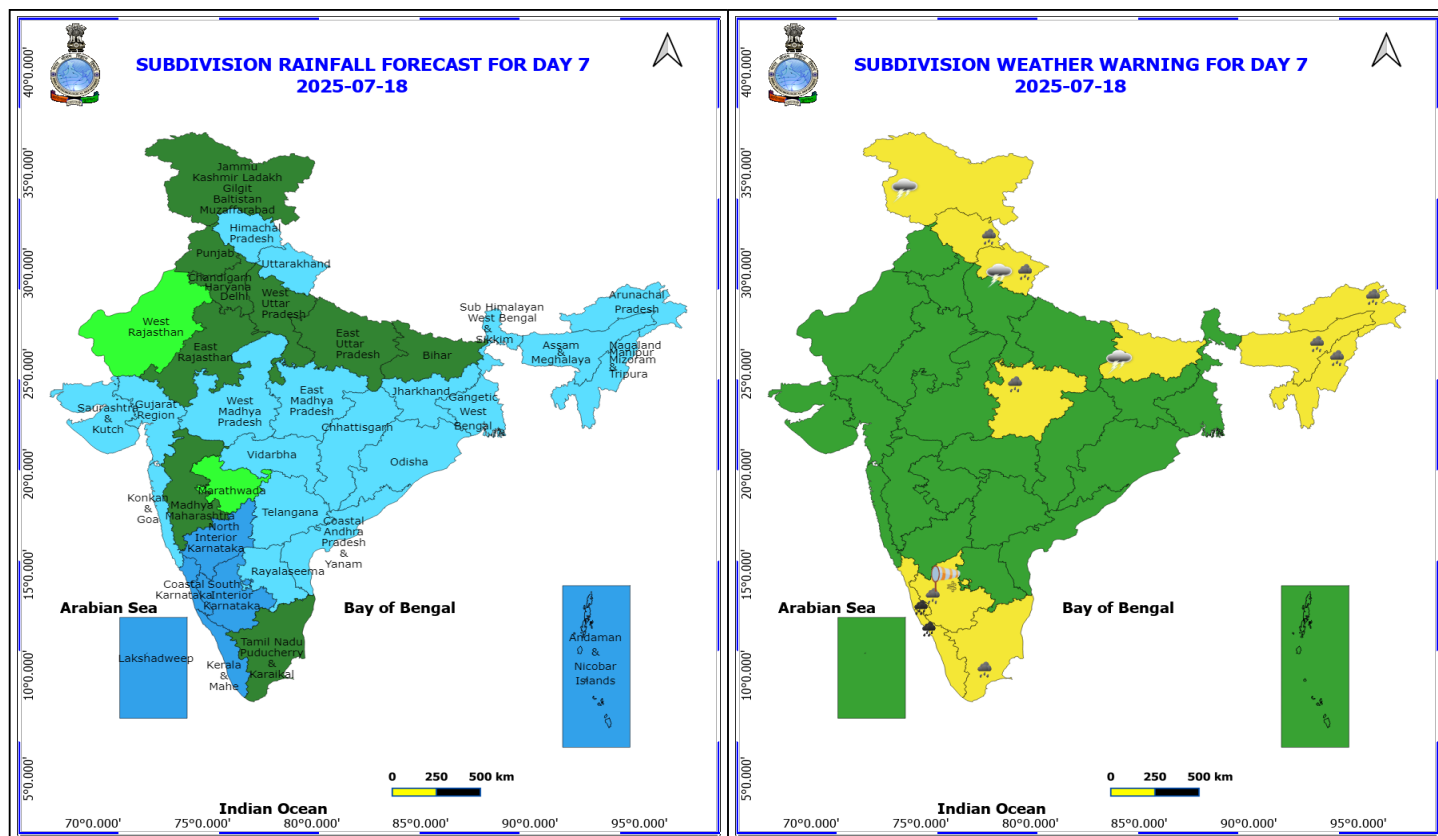
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## 18 July (Day 7)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Coastal Karnataka and Kerala & Mahe.
- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, East Madhya Pradesh, Himachal Pradesh, Nagaland, Manipur, Mizoram and Tripura, South Interior Karnataka, Tamil Nadu Puducherry & Karaikal and Uttarakhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Bihar and Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Uttarakhand.
- ❖ **Strong Surface Winds** likely at isolated places over South Interior Karnataka.

**No Fishermen Warning**

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## Flash Flood Warnings

24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 13-07-2025 :

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

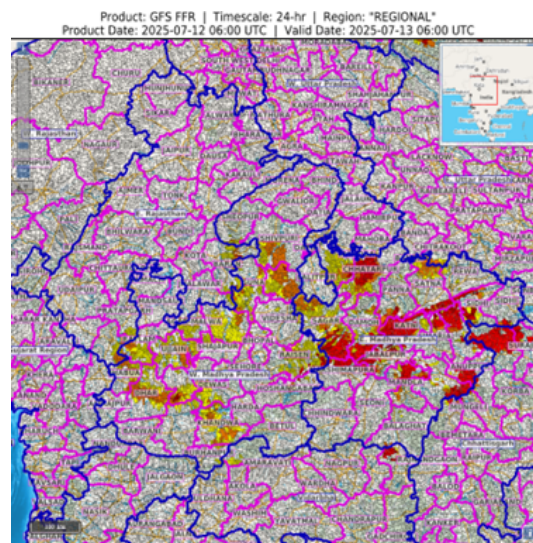
East Madhya Pradesh - Anuppur, Balaghat, Chhindwara, Chhattarpur, Damoh, Dindori, Jabalpur, Katni, Mandla, Narshimpura, Sagar, Satna, Seoni, Shahdol, Sidhi and Umaria districts.

West Madhya Pradesh - Agar-Malwa, Ashoknagar, Betul, Bhopal, Dewas, Dhar, Guna, Raisen, Rajgarh, Sehore, Sheopur, Shivpuri, Ujjain, Videsha, Mandsaur, Nimach and Hoshangabad districts.

Chhattisgarh – Surajpur, and Mungeli districts

East Rajasthan – Banswara, Pratapgarh, Baran and Jhalawar 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.



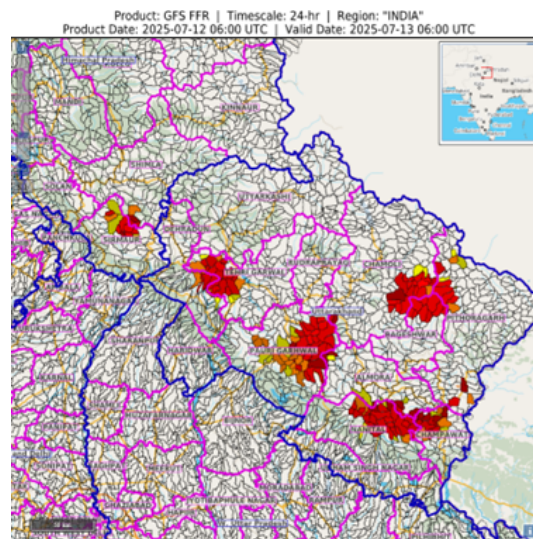
24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 13-07-2025 :

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

Himachal Pradesh -, Shimla, Sirmaur districts.

Uttarakhand - Bageshwar, Chamoli, Champawat, Pauri Garhwal, Pithoragarh, Tehri Garwal, 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	12- Jul	13- Jul	14- Jul	15- Jul	16- Jul	17- Jul	18- Jul
		Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
1	ANDAMAN & NICOBAR ISLANDS	FWS	FWS	WS	WS	WS	WS	WS
2	ARUNACHAL PRADESH	ISOL	SCT	FWS	FWS	SCT	SCT	FWS
3	ASSAM & MEHGHALAYA	SCT	FWS	FWS	FWS	FWS	FWS	FWS
4	N. M. M. & T.	SCT	SCT	FWS	FWS	FWS	FWS	FWS
5	S.H. WEST BENGAL & SIKKIM	SCT	FWS	FWS	FWS	FWS	FWS	FWS
6	GANGETIC WEST BENGAL	FWS	WS	WS	WS	FWS	FWS	FWS
7	ODISHA	SCT	FWS	FWS	FWS	FWS	FWS	FWS
8	JHARKHAND	FWS	WS	WS	WS	WS	FWS	FWS
9	BIHAR	ISOL	SCT	SCT	FWS	FWS	FWS	SCT
10	EAST UTTAR PRADESH	SCT	FWS	FWS	FWS	FWS	FWS	SCT
11	WEST UTTAR PRADESH	SCT	SCT	FWS	FWS	FWS	FWS	SCT
12	UTTARAKHAND	FWS	WS	FWS	FWS	FWS	FWS	FWS
13	HARYANA, CHD & DELHI	ISOL	SCT	FWS	SCT	SCT	FWS	SCT
14	PUNJAB	ISOL	ISOL	SCT	SCT	SCT	FWS	SCT
15	HIMACHAL PRADESH	SCT	FWS	FWS	FWS	WS	WS	FWS
16	JAMMU AND KASHMIR AND LADAKH	SCT	SCT	SCT	FWS	FWS	FWS	SCT
17	WEST RAJASTHAN	SCT	FWS	FWS	FWS	FWS	SCT	ISOL
18	EAST RAJASTHAN	FWS	FWS	WS	FWS	FWS	SCT	SCT
19	WEST MADHYA PRADESH	WS	WS	WS	FWS	FWS	FWS	FWS
20	EAST MADHYA PRADESH	WS	WS	FWS	FWS	FWS	FWS	FWS
21	GUJRAT REGION	FWS	WS	WS	WS	FWS	FWS	FWS
22	SAURASHTRA & KUTCH	SCT	FWS	FWS	FWS	FWS	FWS	FWS
23	KONKAN & GOA	WS	WS	WS	WS	FWS	FWS	FWS
24	MADHYA MAHARASHTRA	SCT	FWS	FWS	FWS	SCT	SCT	SCT
25	MARATHWADA	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
26	VIDARBHA	SCT	SCT	ISOL	ISOL	SCT	FWS	FWS
27	CHATTISGARH	FWS	FWS	SCT	SCT	SCT	FWS	FWS
28	COASTAL ANDHRA PRADESH	ISOL	ISOL	ISOL	ISOL	SCT	FWS	FWS
29	TELANGANA	SCT	ISOL	ISOL	ISOL	SCT	FWS	FWS
30	RAYALASEEMA	ISOL	ISOL	ISOL	ISOL	SCT	FWS	FWS
31	TAMILNADU & PUDUCHERRY	SCT	ISOL	ISOL	ISOL	SCT	SCT	SCT
32	COSTAL KARNATAKA	WS	WS	WS	WS	WS	WS	WS
33	NORTH INTERIOR KARNATAKA	SCT	SCT	SCT	FWS	FWS	FWS	WS
34	SOUTH INTERIOR KARNATAKA	FWS	FWS	FWS	FWS	FWS	FWS	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 2025-07-12

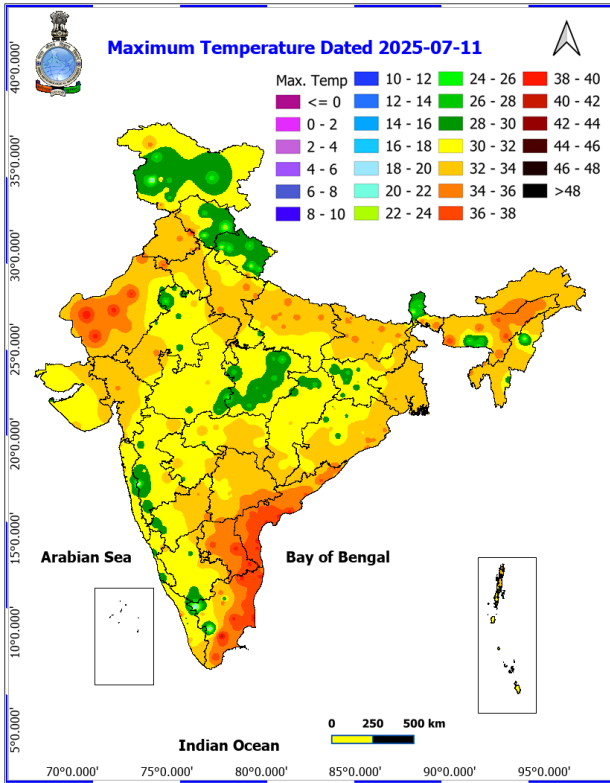


Fig. 2: Departure of Maximum Temp. Dated 2025-07-12

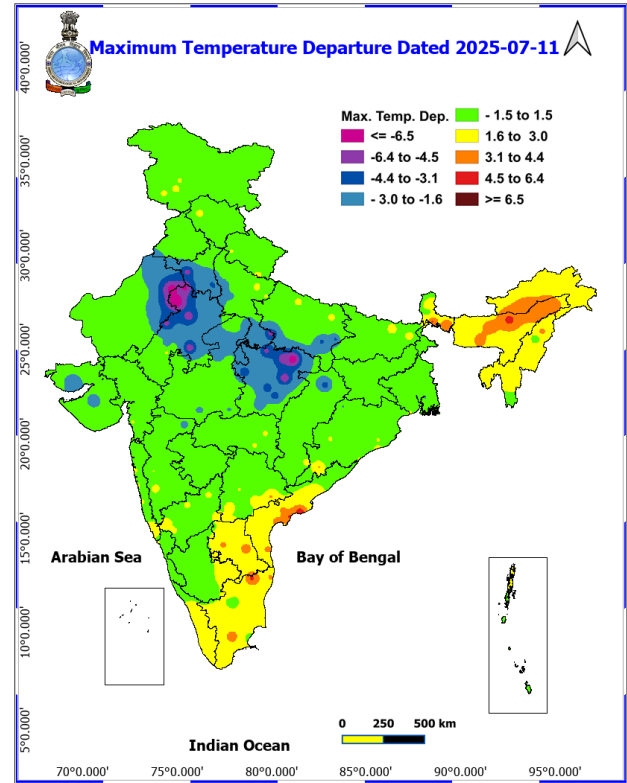


Fig. 3: Minimum Temperatures Dated 2025-07-12

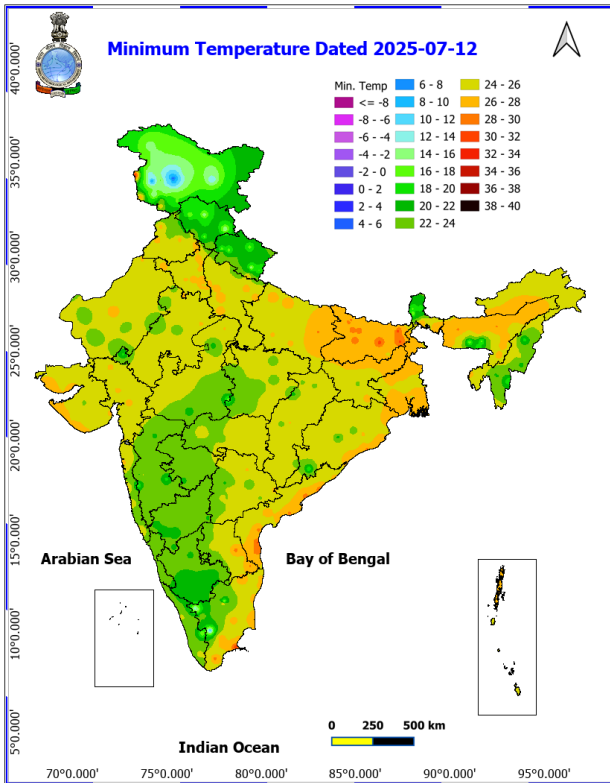
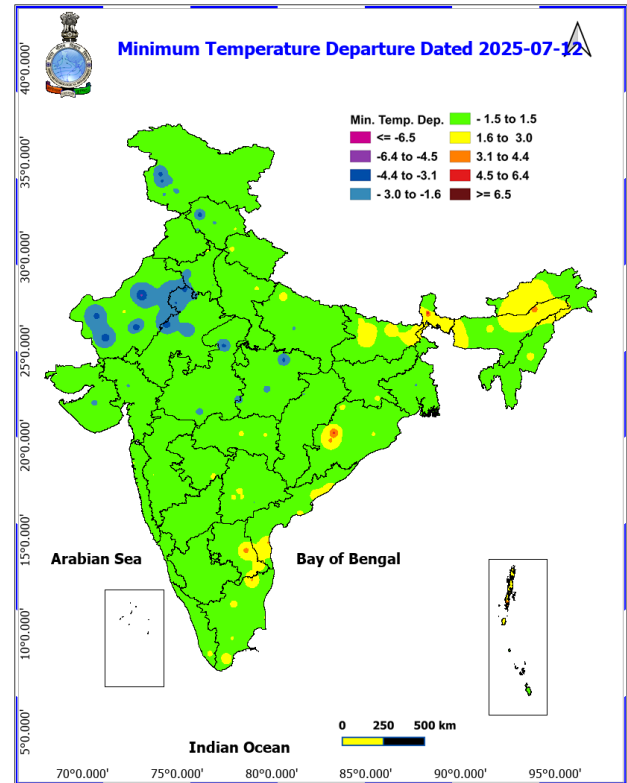
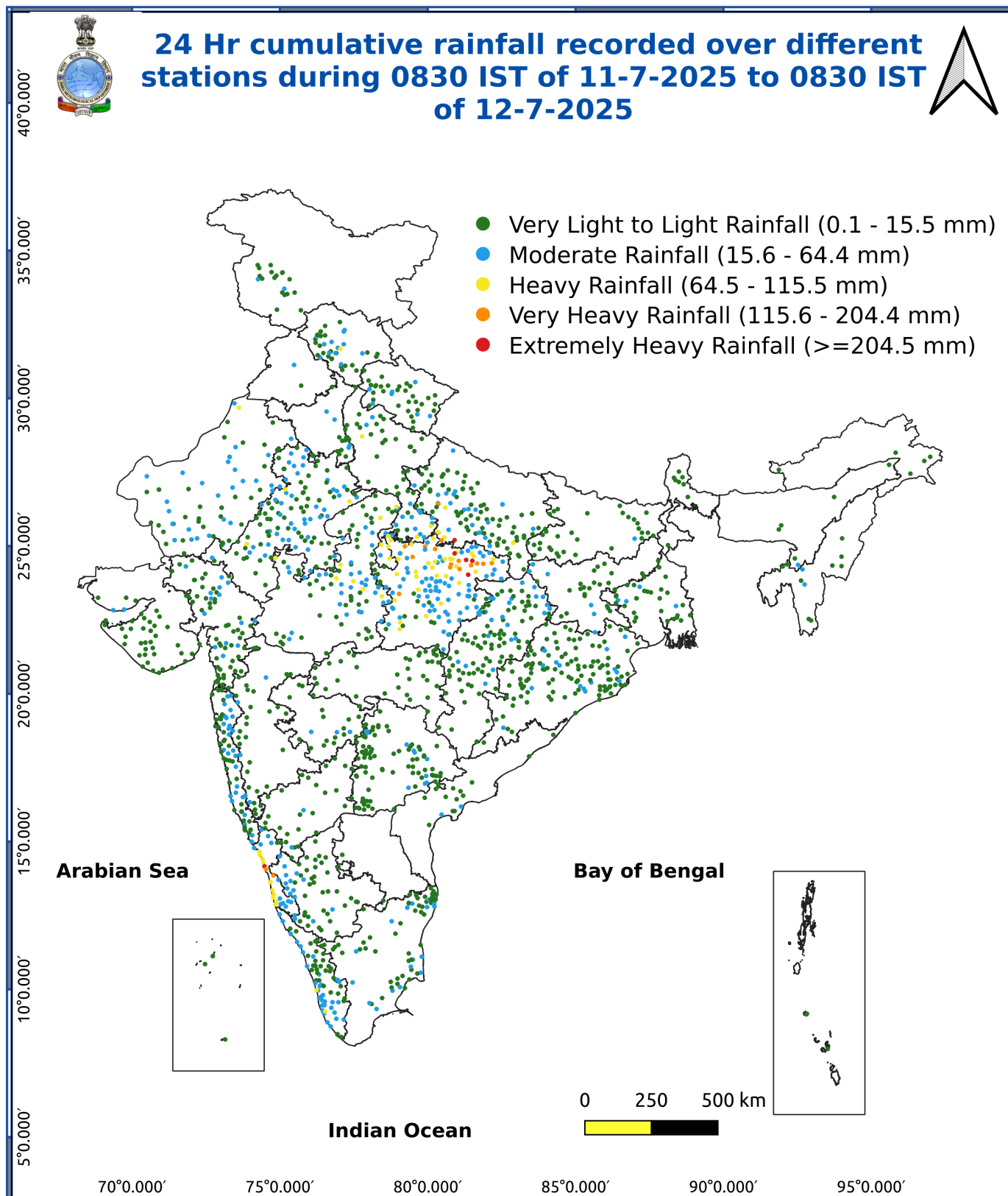


Fig. 4: Departure of Minimum Temp. Dated 2025-07-12





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### Impact & Action Suggested

**Very heavy rainfall** over Uttar Pradesh on 12<sup>th</sup>; Uttarakhand on 13<sup>th</sup>; East Rajasthan & Madhya Pradesh during 12<sup>th</sup>-14<sup>th</sup>; West Rajasthan during 13<sup>th</sup>-15<sup>th</sup>; Gujarat Region on 13<sup>th</sup> & 14<sup>th</sup> July.

### Impact Expected

Localized Flooding of roads, water logging in low lying areas and closure of underpasses mainly in urban areas of 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

Drain out excess water from rice nurseries and fields of soybean, maize and vegetables in **Kymore Plateau and Satpura Hill Zone** of **Madhya Pradesh** and from rice nurseries and sugarcane in **Central Narmada Valley Zone**. Ensure proper drainage facilities in the fields of maize, soybean and vegetables in **Satpura Plateau zone**, soybean and vegetables in **Vindhya Plateau Zone**, soybean and pearl millet in **Malwa Plateau Zone** and soybean, maize, cotton and black gram in **Jhabua Hills Zone**. In **Central Narmada Valley Zone**, avoid sowing of soybean and maize crop till cessation of heavy rains.

Make proper arrangements for drainage in standing crops and vegetable nurseries in **Eastern Plain Zone** of **Uttar Pradesh**, fields of rice, pulses (black gram, pigeon pea etc.) and groundnut in **Central Plain Zone** and fields of paddy, spring sugarcane, pigeon pea, maize and vegetables in **South Western Semi-Arid Zone**. In **Chitrakoot district**, avoid

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sowing of sesame and pearl millet and nursery sowing of vegetables (chilli, brinjal, tomato, cabbage and bitter gourd) during heavy rainfall.

Make provision to drain out excess water from rice nurseries and fields of maize, soybean and black gram in **Southeastern Humid Plain Zone** of **East Rajasthan**, from fields of pearl millet, sesame, black gram and vegetables in **Flood Prone Eastern Plain Zone** and from soybean, maize, cotton and groundnut fields in **Southern Humid Plain Zone**.

Maintain proper drainage in fields of maize, finger millet, kidney beans and vegetables and fruit orchards in **High Hills Sub Temperate Wet Zone** of **Himachal Pradesh**, vegetable and maize fields in **Mid Hills Sub Humid Zone** and maize fields in **Sub Montane and Low Hills Sub Tropical Zone**. In **Uttarakhand**, ensure proper drainage facilities in soybean, maize, barnyard millet, finger millet, pigeon pea, kidney beans, vegetables and orchards. Harvest matured vegetables and fruits and store in safe place.

Drain out excess water from rice nurseries, transplanted rice fields and plantations of arecanut and coconut in **Coastal Zone** of **Coastal Karnataka** and from rice nurseries and fields of maize, cotton and ginger and plantations of arecanut in **Hill Zone**.

### 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 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

<b>WARNING (TAKE ACTION)</b>
<b>ALERT (BE PREPARED)</b>
<b>WATCH (BE UPDATED)</b>
<b>NO WARNING (NO ACTION)</b>

### 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  $4.5^{\circ}\text{C}$  to  $6.4^{\circ}\text{C}$ .  
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  $40^{\circ}\text{C}$

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