

2026-07-02

Time of Issue: 08:46:00 hours IST  
(Morning)

## ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN

### Significant Weather Features

#### Advance of Southwest Monsoon 2026:

- The **Northern Limit of Monsoon** continue passes through 22°N/60°E, 22°N/65°E, Porbandar, Vallabh Vidyanagar, Shajapur, Naugaon, Mirzapur, Azamgarh, Ayodhya, Budaun, Meerut, Karnal, Gurdaspur and 32.8°N/73°E.
- **Conditions are favourable** for further advance of southwest monsoon into some more parts of North Arabian Sea, Gujarat, Madhya Pradesh, Uttar Pradesh, Haryana-Chandigarh-Delhi & Punjab, and some parts of Rajasthan during next 2 days.

#### Weather Forecast and Warnings:

##### Northwest India:

- **Fairly Widespread to Widespread** rainfall likely over Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Uttarakhand during 2<sup>nd</sup>-7th July.
- **Fairly Widespread to Widespread** rainfall likely over Haryana Chandigarh & Delhi and Punjab during 2<sup>nd</sup>-7th July; West Uttar Pradesh on 2<sup>nd</sup> July; East Uttar Pradesh during 6<sup>th</sup>-7<sup>th</sup> July; East Rajasthan during 5<sup>th</sup>-7<sup>th</sup> July.
- **Isolated to Scattered** rainfall likely over West Uttar Pradesh during 3<sup>rd</sup>-7<sup>th</sup> July; East Uttar Pradesh during 2<sup>nd</sup>-5<sup>th</sup> July; West Rajasthan during 2<sup>nd</sup>-7<sup>th</sup> July; East Rajasthan during 2<sup>nd</sup>-4<sup>th</sup> July.
- **Isolated thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 2<sup>nd</sup>-7<sup>th</sup> July.
- **Isolated thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over East Rajasthan, Haryana Chandigarh & Delhi and Punjab during 2<sup>nd</sup>-7<sup>th</sup> July; East Uttar Pradesh and West Uttar Pradesh on 2<sup>nd</sup> July; West Rajasthan during 3<sup>rd</sup>-5<sup>th</sup> July, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over West Rajasthan on 2<sup>nd</sup> July and during 6<sup>th</sup>-7<sup>th</sup> July.
- **Isolated thunderstorm & lightning** likely over Uttarakhand on 2<sup>nd</sup> July and during 4<sup>th</sup>-7<sup>th</sup> July; East Uttar Pradesh and West Uttar Pradesh on 3<sup>rd</sup> July.
- **Isolated heavy rainfall** likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad on 2<sup>nd</sup>-3<sup>rd</sup> July; Himachal Pradesh on 4<sup>th</sup> July and 7<sup>th</sup> July; Uttarakhand during 4<sup>th</sup>-7<sup>th</sup> July; Punjab during 2<sup>nd</sup>-4<sup>th</sup> July and during 6<sup>th</sup>-7<sup>th</sup> July; Haryana Chandigarh & Delhi during 2<sup>nd</sup>-7<sup>th</sup> July; West Uttar Pradesh during 2<sup>nd</sup>-3<sup>rd</sup> July; East Uttar Pradesh on 2<sup>nd</sup>-3<sup>rd</sup> July and during 6<sup>th</sup>-7<sup>th</sup> July; East Rajasthan on 2<sup>nd</sup> July and during 5<sup>th</sup>-7<sup>th</sup> July with isolated **very heavy rainfall** also likely over Himachal Pradesh during 2<sup>nd</sup>-3<sup>rd</sup> July and during 5<sup>th</sup>-6<sup>th</sup> July; Uttarakhand on 3<sup>rd</sup> July; East Rajasthan during 3<sup>rd</sup>-4<sup>th</sup> July.
- **Duststorm** activity likely over West Rajasthan during 3<sup>rd</sup>-5<sup>th</sup> July.

##### Central India:

- **Fairly Widespread to Widespread** rainfall likely over Chhattisgarh, East Madhya Pradesh and West Madhya Pradesh during 2<sup>nd</sup>-7<sup>th</sup> July; Vidarbha during 2<sup>nd</sup>-5<sup>th</sup> July and on 7<sup>th</sup> July.
- **Isolated to Scattered** rainfall likely over Vidarbha on 6<sup>th</sup> July.
- **Isolated heavy rainfall** likely over West Madhya Pradesh during 3<sup>rd</sup>-4<sup>th</sup> July and during 6<sup>th</sup>-7<sup>th</sup> July; East Madhya Pradesh during 6<sup>th</sup>-7<sup>th</sup> July; Vidarbha on 4<sup>th</sup> July and on 7<sup>th</sup> July; Chhattisgarh during 3<sup>rd</sup>-7<sup>th</sup> July with isolated **very heavy rainfall** also likely over West Madhya Pradesh on 2<sup>nd</sup> July and on 5<sup>th</sup> July; East Madhya Pradesh during 2<sup>nd</sup>-5<sup>th</sup> July; Vidarbha on 2<sup>nd</sup>-3<sup>rd</sup> July; Chhattisgarh on 2<sup>nd</sup> July.
- **Heavy to very heavy rainfall at many places with extremely heavy** rainfall likely at isolated places over West Madhya Pradesh on 03<sup>rd</sup> & 04<sup>th</sup> July.

##### East India:

- **Fairly Widespread to Widespread** rainfall likely over Andaman & Nicobar Islands, Gangetic West Bengal,

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Jharkhand, Odisha and Sub-Himalayan West Bengal & Sikkim during 2<sup>nd</sup> -7<sup>th</sup> July.

- **Isolated to Scattered** rainfall likely over Bihar during 2<sup>nd</sup>-7<sup>th</sup> July.
- Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Andaman & Nicobar Islands and Jharkhand during 2<sup>nd</sup>-7<sup>th</sup> July; Gangetic West Bengal during 3<sup>rd</sup>-7<sup>th</sup> July; Bihar during 2<sup>nd</sup>-4<sup>th</sup> July, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Sub-Himalayan West Bengal & Sikkim during 2<sup>nd</sup>-7<sup>th</sup> July; Gangetic West Bengal on 2<sup>nd</sup> July; Bihar during 5<sup>th</sup>-7<sup>th</sup> July.
- Isolated **heavy rainfall** likely over Gangetic West Bengal on 4<sup>th</sup> July; Jharkhand on 2<sup>nd</sup> July and during 5<sup>th</sup>-6<sup>th</sup> July; Bihar during 2<sup>nd</sup> -4<sup>th</sup> July; Odisha on 7<sup>th</sup> July with isolated **very heavy rainfall** also likely over Gangetic West Bengal during 5<sup>th</sup>-7<sup>th</sup> July; Odisha during 2<sup>nd</sup> -6<sup>th</sup> July.
- Moderate to intense lightning activity over Gangetic West Bengal and Jharkhand on 04<sup>th</sup> July.

#### Northeast India:

- **Fairly Widespread to Widespread** rainfall likely over Arunachal Pradesh on 2<sup>nd</sup> July; Nagaland, Manipur, Mizoram & Tripura during 2<sup>nd</sup> -4<sup>th</sup> July.
- **Isolated to Scattered** rainfall likely over Arunachal Pradesh during 3<sup>rd</sup>-7<sup>th</sup> July; Assam & Meghalaya during 2<sup>nd</sup>-7<sup>th</sup> July; Nagaland, Manipur, Mizoram & Tripura during 5<sup>th</sup>-7<sup>th</sup> July.
- Isolated **thunderstorm & lightning** likely over Arunachal Pradesh on 2<sup>nd</sup> July; Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during 2<sup>nd</sup> -5<sup>th</sup> July.
- Isolated **heavy rainfall** likely over Assam & Meghalaya during 3<sup>rd</sup>-5<sup>th</sup> July; Nagaland, Manipur, Mizoram & Tripura during 2<sup>nd</sup> -5<sup>th</sup> July.

#### West India:

- **Fairly Widespread to Widespread** rainfall likely over Gujarat Region, Konkan & Goa and Madhya Maharashtra during 2<sup>nd</sup> -7<sup>th</sup> July; Marathawada during 2<sup>nd</sup> -5<sup>th</sup> July; Saurashtra & Kutch during 4<sup>th</sup>-6<sup>th</sup> July.
- **Isolated to Scattered** rainfall likely over Marathawada during 6<sup>th</sup>-7<sup>th</sup> July; Saurashtra & Kutch on 2<sup>nd</sup> -3<sup>rd</sup> July and on 7<sup>th</sup> July.
- Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Madhya Maharashtra during 2<sup>nd</sup> -4<sup>th</sup> July; Marathawada on 2<sup>nd</sup> -3<sup>rd</sup> July; Gujarat Region and Saurashtra & Kutch during 2<sup>nd</sup> -5<sup>th</sup> July.
- Isolated **heavy rainfall** likely over Gujarat Region and Konkan & Goa during 2<sup>nd</sup>-5<sup>th</sup> July; Madhya Maharashtra during 2<sup>nd</sup>-5<sup>th</sup> July; Saurashtra & Kutch on 6<sup>th</sup> July with isolated **very heavy rainfall** also likely over Gujarat Region and Konkan & Goa during 6<sup>th</sup>-7<sup>th</sup> July; Madhya Maharashtra during 6<sup>th</sup>-7<sup>th</sup> July; Saurashtra & Kutch during 2<sup>nd</sup> -5<sup>th</sup> July.
- **Heavy to very heavy rainfall at many places with extremely heavy** rainfall likely at isolated places over Gujarat Region, Konkan & Goa during 2<sup>nd</sup> -05<sup>th</sup>; Madhya Maharashtra during 02<sup>nd</sup> -05<sup>th</sup> July.

#### South Peninsular India:

- **Isolated to Scattered** rainfall likely over Rayalaseema and Tamil Nadu, Puducherry & Karaikal during 2<sup>nd</sup> -7<sup>th</sup> July; North Interior Karnataka and South Interior Karnataka during 3<sup>rd</sup>-5<sup>th</sup> July; Coastal Andhra Pradesh & Yanam during 2<sup>nd</sup>-4<sup>th</sup> July; Telangana during 3<sup>rd</sup>-7<sup>th</sup> July.
- **Fairly Widespread to Widespread** rainfall likely over Coastal Karnataka, Kerala & Mahe and Lakshadweep during 2<sup>nd</sup>-7<sup>th</sup> July; North Interior Karnataka and South Interior Karnataka on 2<sup>nd</sup> July and during 6<sup>th</sup>-7<sup>th</sup> July; Coastal Andhra Pradesh & Yanam during 5<sup>th</sup>-7<sup>th</sup> July; Telangana on 2<sup>nd</sup> July.
- Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Kerala & Mahe, Lakshadweep and Tamil Nadu, Puducherry & Karaikal during 2<sup>nd</sup>-4<sup>th</sup> July; Coastal Andhra Pradesh & Yanam and Rayalaseema during 2<sup>nd</sup>-5<sup>th</sup> July; Telangana during 4<sup>th</sup>-7<sup>th</sup> July, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Coastal Karnataka, North Interior Karnataka and South Interior Karnataka during 2<sup>nd</sup>-7<sup>th</sup> July; Telangana during 2<sup>nd</sup>-3<sup>rd</sup> July.
- Isolated **heavy rainfall** likely over Tamil Nadu, Puducherry & Karaikal during 3<sup>rd</sup>-4<sup>th</sup> July; Kerala & Mahe during 2<sup>nd</sup>-7<sup>th</sup> July; Coastal Karnataka on 2<sup>nd</sup> July and during 5<sup>th</sup>-7<sup>th</sup> July; North Interior Karnataka during 2<sup>nd</sup>-7<sup>th</sup> July; South Interior Karnataka during 2<sup>nd</sup>-4<sup>th</sup> July; Coastal Andhra Pradesh & Yanam during 4<sup>th</sup>-6<sup>th</sup> July; Telangana on 2<sup>nd</sup> July with isolated **very heavy rainfall** also likely over Coastal Karnataka during 3<sup>rd</sup>-4<sup>th</sup> July;

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South Interior Karnataka during 5th-7th July.

- Strong Surface Winds likely over Coastal Karnataka, North Interior Karnataka and South Interior Karnataka during 2<sup>nd</sup>-7th July; Rayalaseema during 2<sup>nd</sup>-5th July; Telangana during 4th-7th July.
- Heavy to very heavy rainfall at many places with extremely heavy rainfall likely at isolated places over Coastal Karnataka on 02<sup>nd</sup> during 05<sup>th</sup> -07<sup>th</sup> July.

**Forecast of maximum/day temperatures:**

- No significant change in maximum temperatures likely over the rest parts of country till 07<sup>th</sup> July, 2026.

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

- **Hot and humid** weather conditions likely to prevail over Arunachal Pradesh during 3rd-5th July; Assam & Meghalaya during 2nd-5th July; Nagaland, Manipur, Mizoram & Tripura during 2nd-3rd July.

**Fisherman Warning:**

Fishermen are advised not to venture into the following areas:

**Arabian Sea:**

- Along & off Gujarat Konkan, Goa & Karnataka coast and adjoining eastcentral & northeast Arabian Sea, along and off Somalia & Oman coasts and some parts of southwest, most parts of central adjoining few parts of north Arabian Sea during 2<sup>nd</sup> to 06th July, along and off Kerala coasts, over Lakshadweep area during 2<sup>nd</sup> to 05th July.

**Bay of Bengal:**

- Over Gulf of Mannar adjoining Comorin area on 2<sup>nd</sup> & 05th July; many parts of south during 04th to 06th July; along and off Odisha coasts, many parts of central & north adjoining south Bay of Bengal, during 02nd to 06th July; along and off Gangetic west Bengal, north Andhra Pradesh coasts during 03nd to 06th July; over Andaman Sea till 06th July.

### Main Weather Observations:

❖ **Rainfall distribution** (from 0830 hours IST of yesterday to 0530 hours IST of today): **at most places** over Konkan & Goa, Telangana, Sub-himalayan West Bengal & Sikkim, Nagaland, Manipur, Mizoram & Tripura, Himachal Pradesh, Madhya Maharashtra, Jammu & Kashmir and Ladakh, Vidarbha, Gangetic West Bengal, Odisha, Uttarakhand, East Uttar Pradesh, Marathwada, Punjab, Chhattisgarh, Coastal Karnataka, Jharkhand and Andaman & Nicobar Islands; **at many places** over Coastal Andhra Pradesh & Yanam, North Interior Karnataka, Tamilnadu Puducherry & Karaikal, West Uttar Pradesh, Gujarat Region, Arunachal Pradesh, East Rajasthan, West Rajasthan, Assam & Meghalaya, Saurashtra & Kutch, Kerala & Mahe, West Madhya Pradesh, Haryana Chandigarh & Delhi, East Madhya Pradesh, Lakshadweep and Bihar; **Dry** over rest of the country.

❖ **Significant rainfall recorded(in cm)** (from 0830 hours IST of yesterday to 0530 hours IST of today): **Konkan & Goa**: Mumbai (santacruz) AP (dist) 17, Ratnagiri (dist Ratnagiri) 11; Jammu & Kashmir And Ladakh: Quazigund (dist Anantnag) 9, Katra (dist Reasi) 4; **Vidarbha**: Nagpur-sonegaon Airport (dist Nagpur) 7; **Gangetic West Bengal**: Digha (dist North 24 Parganas) 7; **Odisha**: Jharsuguda (dist Jharsuguda) 7, Keonjhar (dist Kendujhar) 5, Paradip Port (dist Jagatsinghpur) 2; **Uttarakhand**: Dehra Dun-mokampur (dist Dehradun) 7; **West Madhya Pradesh**: Indore (dist Indore) 6; Haryana Chandigarh & Delhi: Hissar (dist Hisar) 6; **Kerala & Mahe**: Cannanore (kannur) (dist Kannur) 5; **East Uttar Pradesh**: Varanasi (babatpur) AP (dist Varanasi) 5, Sultanpur-obs2 (dist Sultanpur) 2; Marathwada: Aurangabad (chikalhana) AP (dist Aurangabad) 4; **Punjab**: Amritsar (rajasansi) AP (dist Amritsar) 4, Patiala (dist Patiala) 2; **Lakshadweep**: Amini Divi (dist Lakshadweep) 4; **Chhattisgarh**: Ambikapur (dist Surguja) 3, Pendra Road (dist Gaurella-pendra-marwahi) 2; **Bihar**: Purnea (dist Purnia) 3; **Coastal Karnataka**: Mangalore (bajpe) AP (dist Dakshina Kannada) 3; **Jharkhand**: Daltonganj (dist Palamu) 3; **East Madhya Pradesh**: Jabalpur (dist Jabalpur) 2; **Saurashtra & Kutch**: Rajkot AP (dist Rajkot) 2.

❖ **Heavy Rainfall observed** (from 0830 hours IST of yesterday to 0530 hours IST of today): **Heavy to very heavy rain** at a few places over Konkan & Goa **Heavy rain** at most places over Uttarakhand, at a few places over Vidarbha, at isolated places over Gangetic West Bengal, Odisha and Jammu & Kashmir and Ladakh

❖ **Minimum Temperature Departures (as on 01-07-2026): markedly above normal(> 5.1°C)** at most places over Himachal Pradesh; at few places over Assam & Meghalaya, Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad and West Rajasthan; at isolated places over Nagaland, Manipur, Mizoram & Tripura, Bihar, East Uttar Pradesh, West Uttar Pradesh, East Rajasthan, West Madhya Pradesh, East Madhya Pradesh, Gujarat Region, Saurashtra & Kutch and Rayalaseema. **appreciably above normal(3.1°C to 5.0°C)** at isolated places over Andaman & Nicobar Islands, Sub Himalayan West Bengal & Sikkim, Odisha, Punjab, Coastal Andhra Pradesh & Yanam and Tamil Nadu, Puducherry & Karaikal. **above normal(1.6°C to 3.0°C)** at many places over Jharkhand; at few places over Uttarakhand, Haryana-Chandigarh-Delhi and Lakshadweep; at isolated places over Madhya Maharashtra, Vidarbha, Chhattisgarh, Telangana and North Interior Karnataka. **near normal(-1.5°C to 1.5°C)** at many places over Konkan & Goa, Coastal Karnataka and Kerala & Mahe; at most places over Arunachal Pradesh, Gangetic West Bengal, Marathwada and South Interior Karnataka. **The lowest minimum temperature** of 19.0°C was reported at NAYAGARH (ODISHA) over the Plains of India.

❖ **Maximum Temperature Departures (as on 01-07-2026): markedly above normal(> 5.1°C)** at isolated places over Himachal Pradesh. **appreciably above normal(3.1°C to 5.0°C)** at most places over Arunachal Pradesh; at isolated places over Assam & Meghalaya, East Uttar Pradesh, West Uttar Pradesh, Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad, West Rajasthan, East Rajasthan, Gujarat Region, Saurashtra & Kutch and Tamil Nadu, Puducherry & Karaikal. **above normal(1.6°C to 3.0°C)** at isolated places over Nagaland, Manipur, Mizoram & Tripura, Sub Himalayan West Bengal & Sikkim, Gangetic West Bengal, Odisha, Bihar, West Madhya Pradesh, Madhya Maharashtra, Chhattisgarh, Coastal Andhra Pradesh & Yanam and Kerala & Mahe. **near normal(-1.5°C to 1.5°C)** at many places over Andaman & Nicobar Islands, Jharkhand, Vidarbha, Telangana and Lakshadweep; at few places over East Madhya Pradesh, Rayalaseema, North Interior Karnataka and South Interior Karnataka; at isolated places over Konkan & Goa and Marathwada. **The highest maximum temperature** of 44.2°C was reported at SRIGANGANAGAR (RAJASTHAN).

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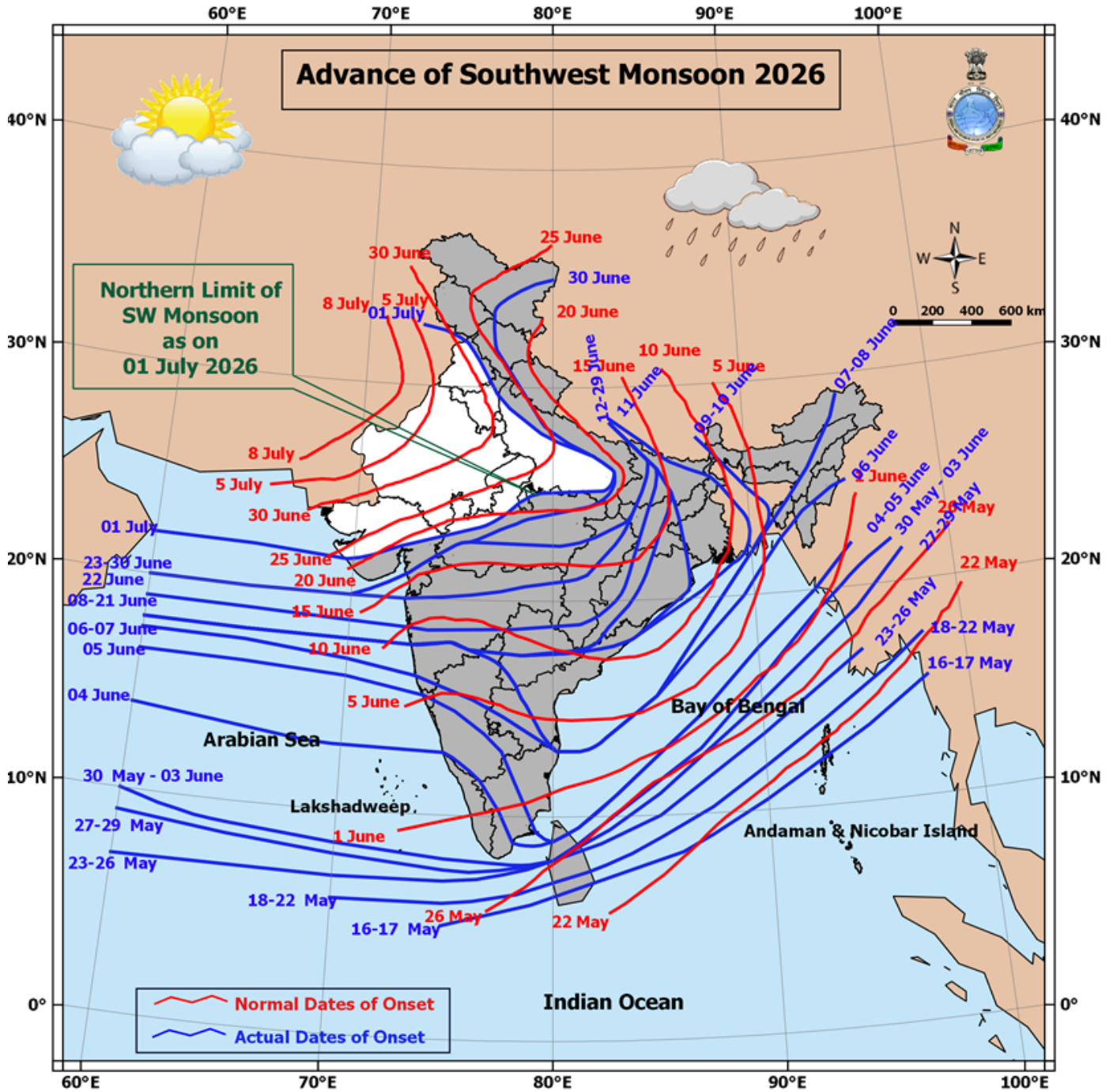
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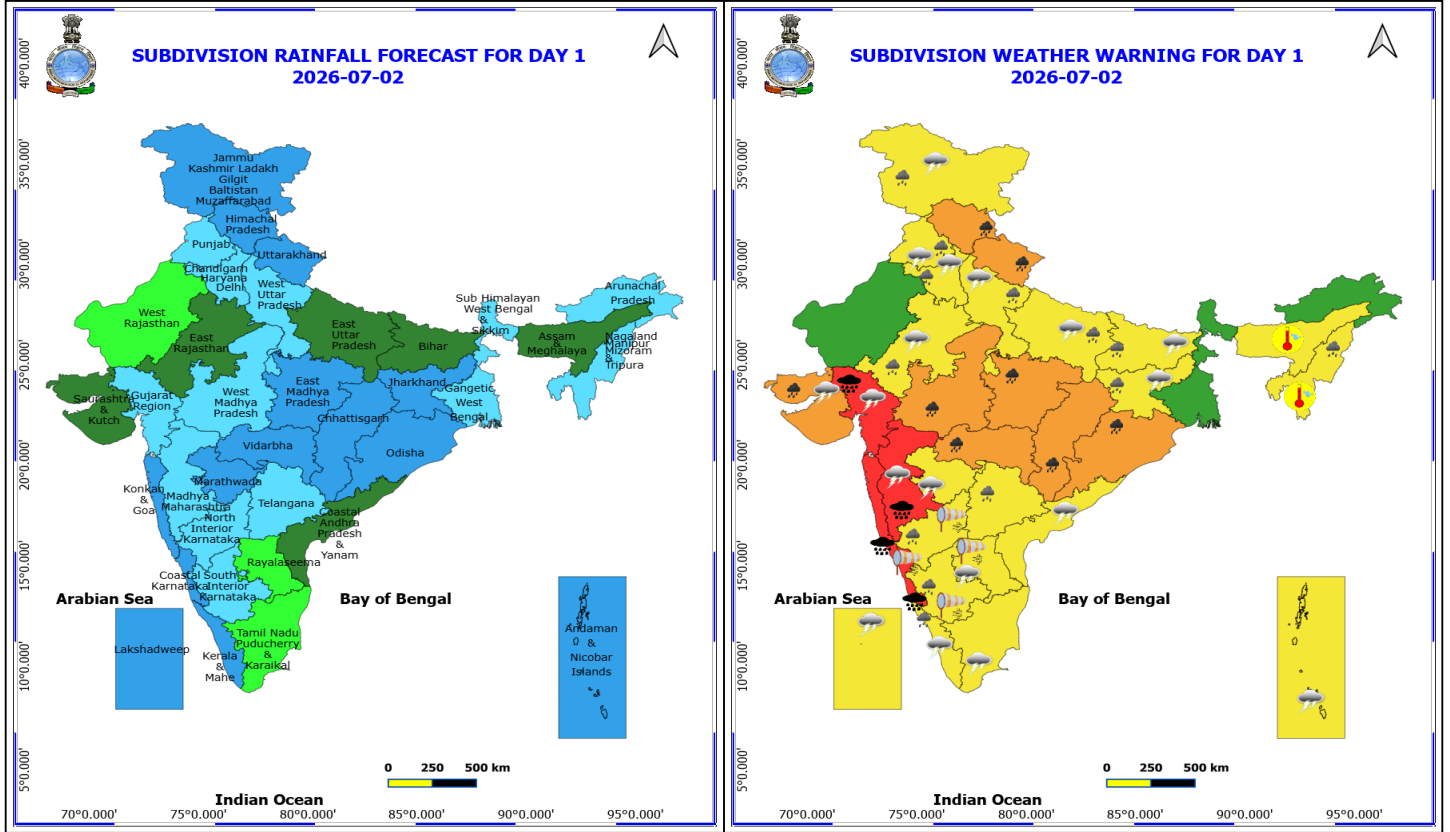
**Meteorological Analysis (Based on 0530 hours IST)**

- The **Northern Limit of Monsoon** continues to pass through 22°N/60°E, 22°N/65°E, Porbandar, Vallabh Vidyanagar, Shajapur, Naugaon, Mirzapur, Azamgarh, Ayodhya, Budaun, Meerut, Karnal, Gurdaspur and 32.8°N/73°E.
- **Conditions are favourable** for further advance of southwest monsoon into some more parts of North Arabian Sea, Gujarat, Madhya Pradesh, Uttar Pradesh, Haryana-Chandigarh-Delhi & Punjab, and some parts of Rajasthan during next 2 days.
- The **seasonal trough** at mean sea level now runs central parts of Rajasthan to Northeast Bay of Bengal across north Madhya Pradesh, Chhattisgarh, Odisha, Northwest Bay of Bengal extending upto 0.9 km above mean sea level.
- The **off-shore trough** at mean sea level runs from south Gujarat to Karnataka persists.
- The **Western Disturbance** as a trough in middle tropospheric westerlies with its axis at 5.8 km above mean sea level now runs roughly along Long. 62°E to the north of Lat. 32°N.
- The **upper air cyclonic circulation** over central parts of south Uttar Pradesh & neighbourhood lay over southwest Uttar Pradesh and extends upto 1.5 km above mean sea level tilting southward with height.
- The **upper air cyclonic circulation** over Punjab & neighbourhood lay over north Pakistan & adjoining Punjab at 1.5 km above mean sea level.
- The **upper air cyclonic circulation** over Northwest Bay of Bengal off north Odisha coast lay over northwest Bay of Bengal & adjoining north Odisha coast and extends upto 7.6 km above mean sea level titling southwestwards with height. Under its influence, a **Low-Pressure Area** is likely to form over northwest Bay of Bengal & neighbourhood around 3<sup>rd</sup> July, 2026.
- A **shear zone** runs roughly along latitude 21°N between 3.1 & 5.8 km above mean sea level.
- The **upper air cyclonic circulation** over Saurashtra & neighbourhood between 3.1 & 5.8 km above mean sea level titling southwards with height has merged with above system.
- The **upper air cyclonic circulation** over north Chhattisgarh & neighbourhood persists and now seen at 0.9 km above mean sea level has become less marked.



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**2 July (Day 1)**

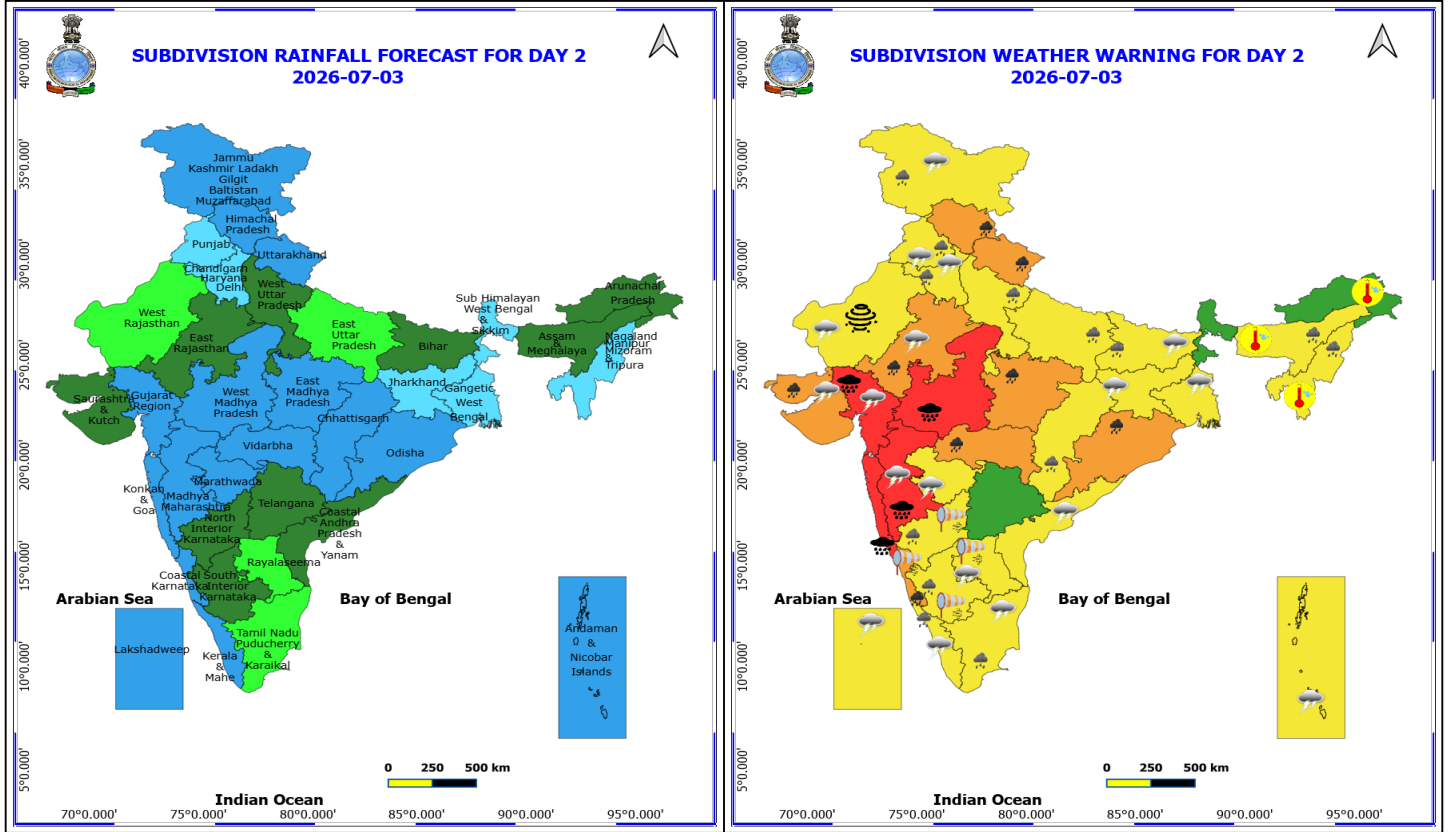
- ❖ **Heavy to Very Heavy Rainfall with isolated Extremely Heavy Rainfall** very likely at isolated places over Coastal Karnataka, Gujarat Region and Konkan & Goa.
- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Chhattisgarh, Kerala & Mahe, Madhya Maharashtra, Odisha, Saurashtra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

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- ❖ Arabian Sea: Squally wind with speed 45-55 kmph gusting to 65 kmph is likely to prevail along and off Somalia coasts, Oman coast, some parts of southwest and many parts of westcentral adjoining eastcentral & north Arabian Sea,
- ❖ Squally weather with wind speed 40-50 gusting to 60 kmph is likely to prevail along & off Gujarat, Konkan & Goa, Karnataka, Kerala coasts, Lakshadweep area and adjoining eastcentral & northeast Arabian Sea.
- ❖ Bay of Bengal: Squally wind with speed 45-55 kmph gusting to 65 kmph is likely to prevail over some parts of central Bay of Bengal.
- ❖ Squally Weather with wind speed 40-50 kmph gusting to 60 kmph is likely to prevail along and off Odisha coasts, over central adjoining north and south Bay of Bengal, over Andaman Sea.



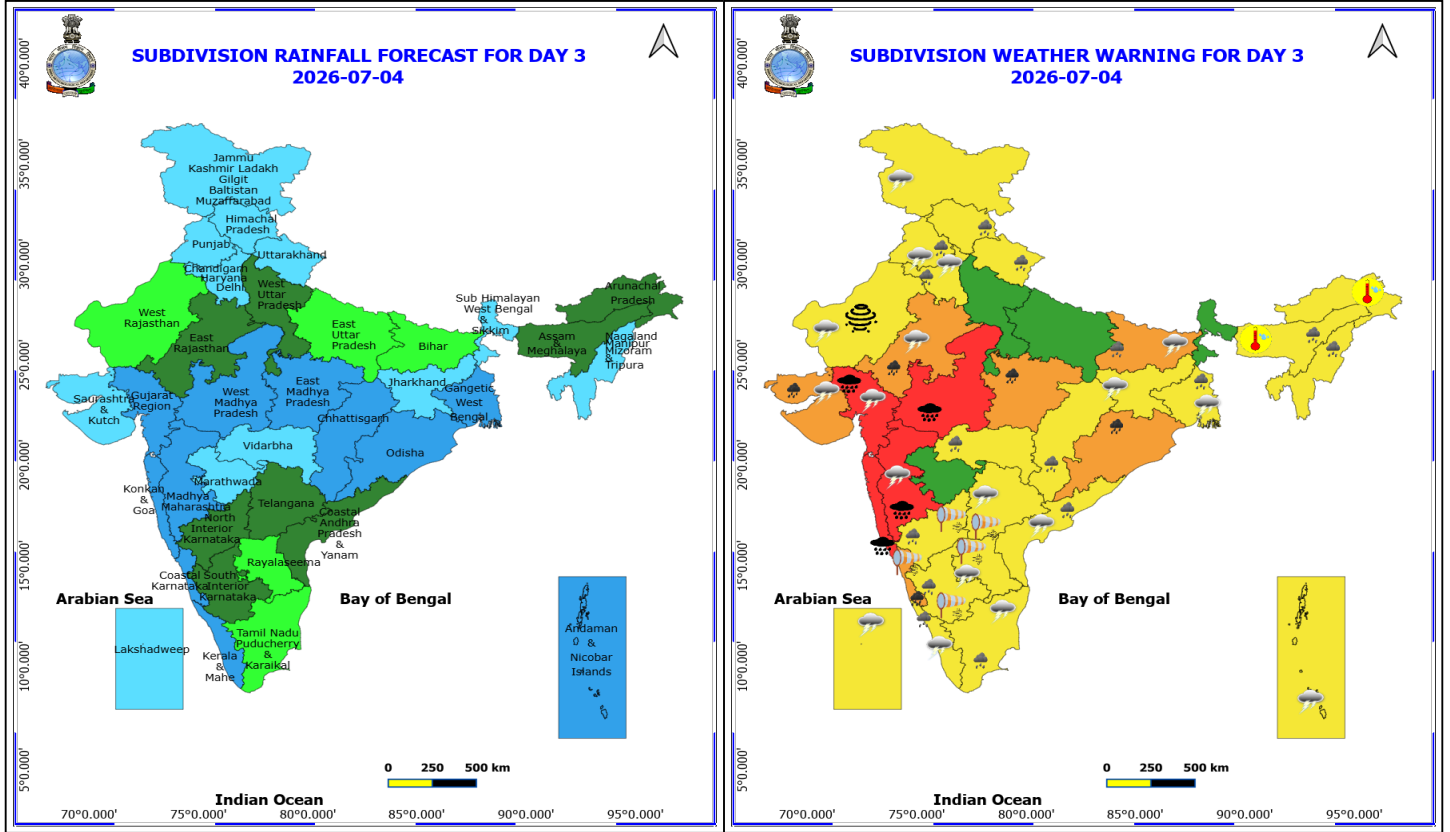
**3 July (Day 2)**

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

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Nagaland, Manipur, Mizoram and Tripura.

- ❖ Arabian Sea: Squally wind with speed 45-55 kmph gusting to 65 kmph is likely to prevail along and off Somalia coasts, Oman coast, some parts of southwest and many parts of central adjoining north Arabian Sea,
- ❖ Squally weather with wind speed 40-50 gusting to 60 kmph is likely to prevail along & off Gujarat, Konkan & Goa, Karnataka, Kerala coasts, Lakshadweep area and adjoining eastcentral & northeast Arabian Sea
- ❖ Bay of Bengal: Squally wind with speed 45-55 kmph gusting to 65 kmph is likely to prevail over some parts of central adjoining south Bay of Bengal; south SriLanka adjoining southwest Bay of Bengal.
- ❖ Squally Weather with wind speed 40-50 kmph gusting to 60 kmph is likely to prevail along and off Gangetic west Bengal, Odisha, north Andra Pradesh and south Myanmar coasts, many parts of north & central adjoining south Bay of Bengal. and Andaman Sea



**4 July (Day 3)**

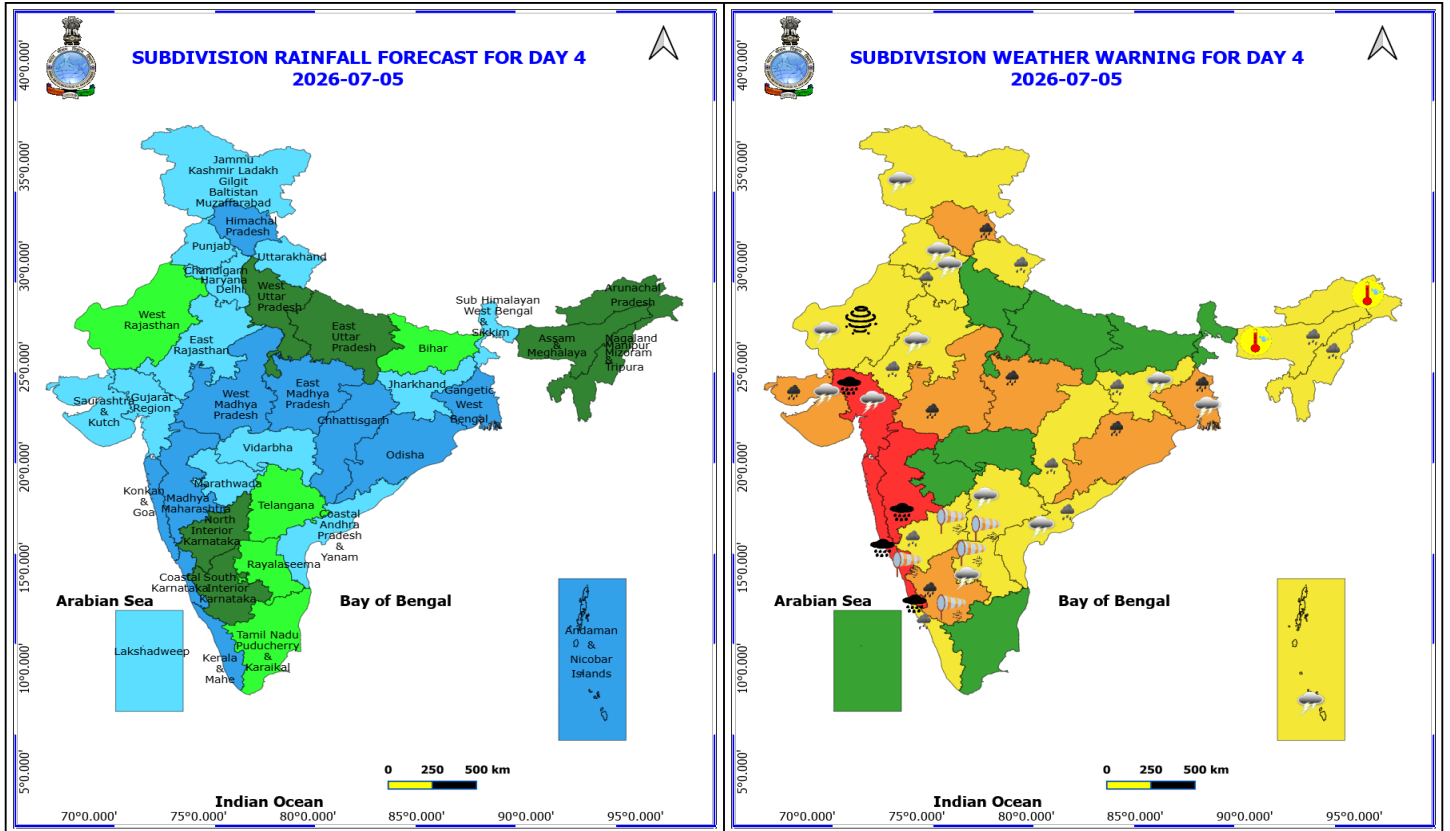
- ❖ **Heavy to Very Heavy Rainfall with isolated Extremely Heavy Rainfall** very likely at isolated places over Gujarat Region, Konkan & Goa, Madhya Maharashtra and West Madhya Pradesh.
- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Coastal Karnataka, East Madhya Pradesh, East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

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Nagaland, Manipur, Mizoram and Tripura.

- ❖ Arabian Sea: Squally wind with speed 50-60 kmph gusting to 70 kmph is likely to prevail along and off Somalia coast adjoining few parts of Southwest & westcentral Arabian Sea.
- ❖ Squally wind with speed 45-55 kmph gusting to 65 kmph is likely to prevail along and off Somalia coasts, Oman coasts, some parts of southwest and many parts of central adjoining north Arabian Sea.
- ❖ Squally weather with wind speed 40-50 gusting to 60 kmph is likely to prevail along & off Gujarat, Konkan & Goa, Karnataka, Kerala coasts, Lakshadweep area and adjoining eastcentral & northeast Arabian Sea
- ❖ Bay of Bengal: Squally wind with speed 45-55 kmph gusting to 65 kmph is likely to prevail over many parts of central adjoining south Bay of Bengal.
- ❖ Squally Weather with wind speed 40-50 kmph gusting to 60 kmph is likely to prevail along and off Gangetic west Bengal, Odisha, north Andhra Pradesh and Myanmar coasts, many parts of north, central and south Bay of Bengal. and Andaman Sea



**5 July (Day 4)**

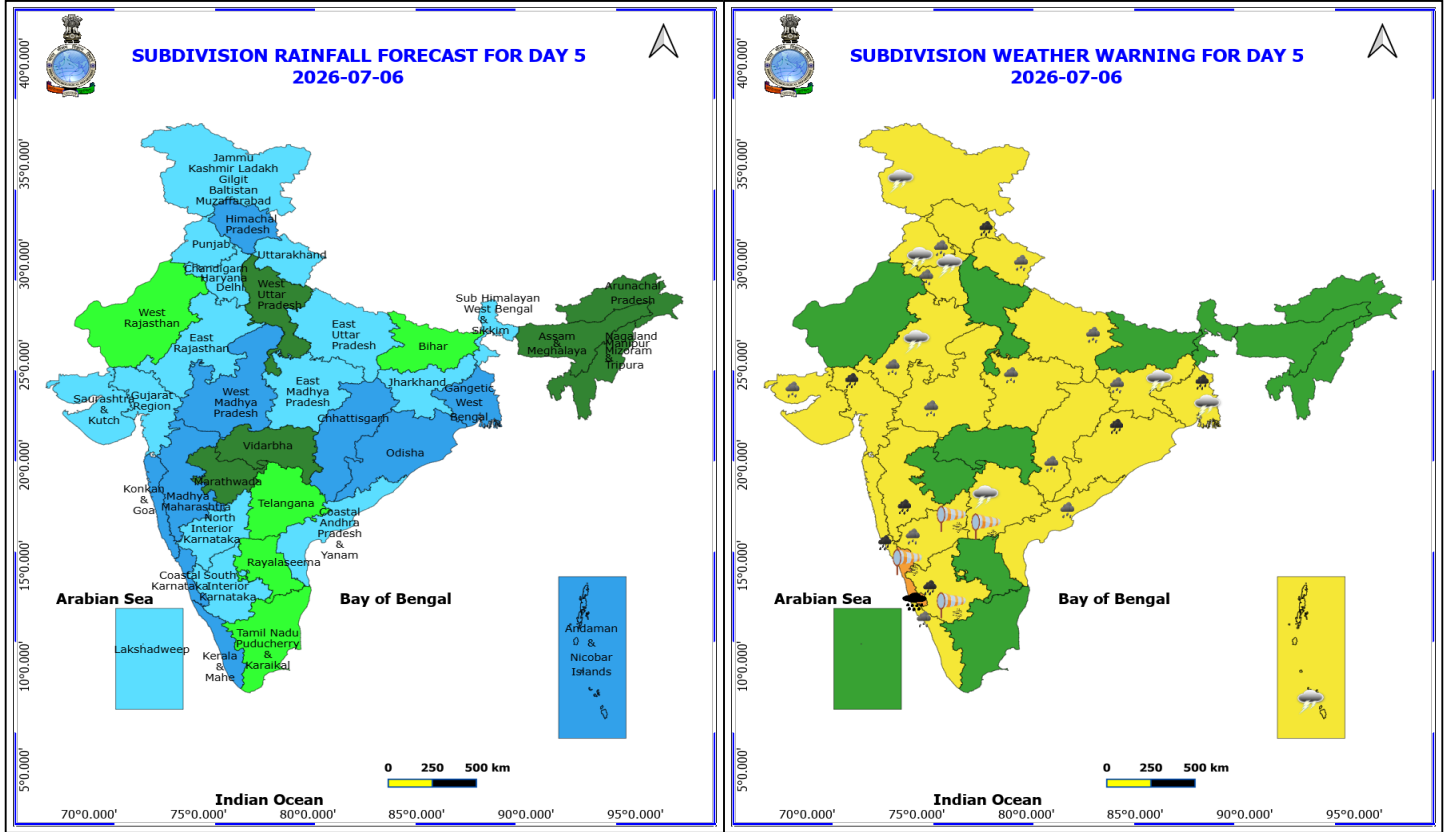
- ❖ **Heavy to Very Heavy Rainfall with isolated Extremely Heavy Rainfall** likely at isolated places over Coastal Karnataka, Gujarat Region, Konkan & Goa and Madhya Maharashtra.
- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Gangetic West Bengal, Himachal Pradesh, Madhya Pradesh,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

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- ❖ Squally wind with speed 45-55 kmph gusting to 65 kmph is likely to prevail along and off Somalia coasts, Oman coasts, some parts of southwest and many parts of central adjoining north Arabian Sea.
- ❖ Squally weather with wind speed 40-50 gusting to 60 kmph is likely to prevail along & off Gujarat, Konkan & Goa, Karnataka coasts adjoining eastcentral & northeast Arabian Sea
- ❖ Bay of Bengal: Squally wind with speed 45-55 kmph gusting to 65 kmph is likely to prevail over Gulf of Mannar & adjoining Comorin area, many parts of central adjoining south Bay of Bengal.
- ❖ Squally Weather with wind speed 40-50 kmph gusting to 60 kmph is likely to prevail along and off Gangetic west Bengal, Odisha, north Andhra Pradesh and Myanmar coasts, many parts of north, central and south Bay of Bengal. and Andaman Sea



**6 July (Day 5)**

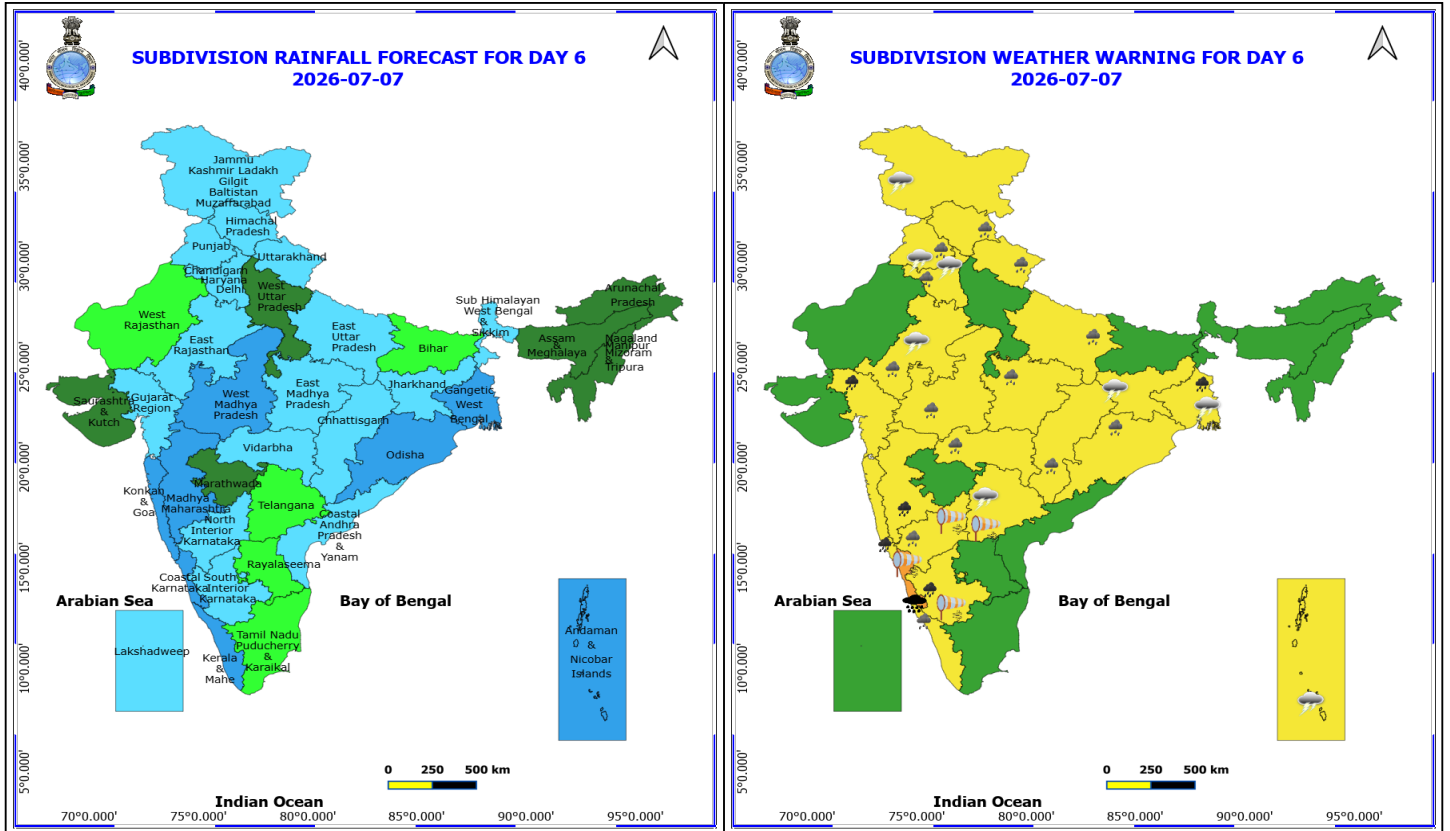
- ❖ **Heavy to Very Heavy Rainfall with isolated Extremely Heavy Rainfall** likely at isolated places over Coastal Karnataka, Gujarat Region, Konkan & Goa and Madhya Maharashtra.
- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Gangetic West Bengal, Himachal Pradesh, Madhya Pradesh,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

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No Fishermen Warning



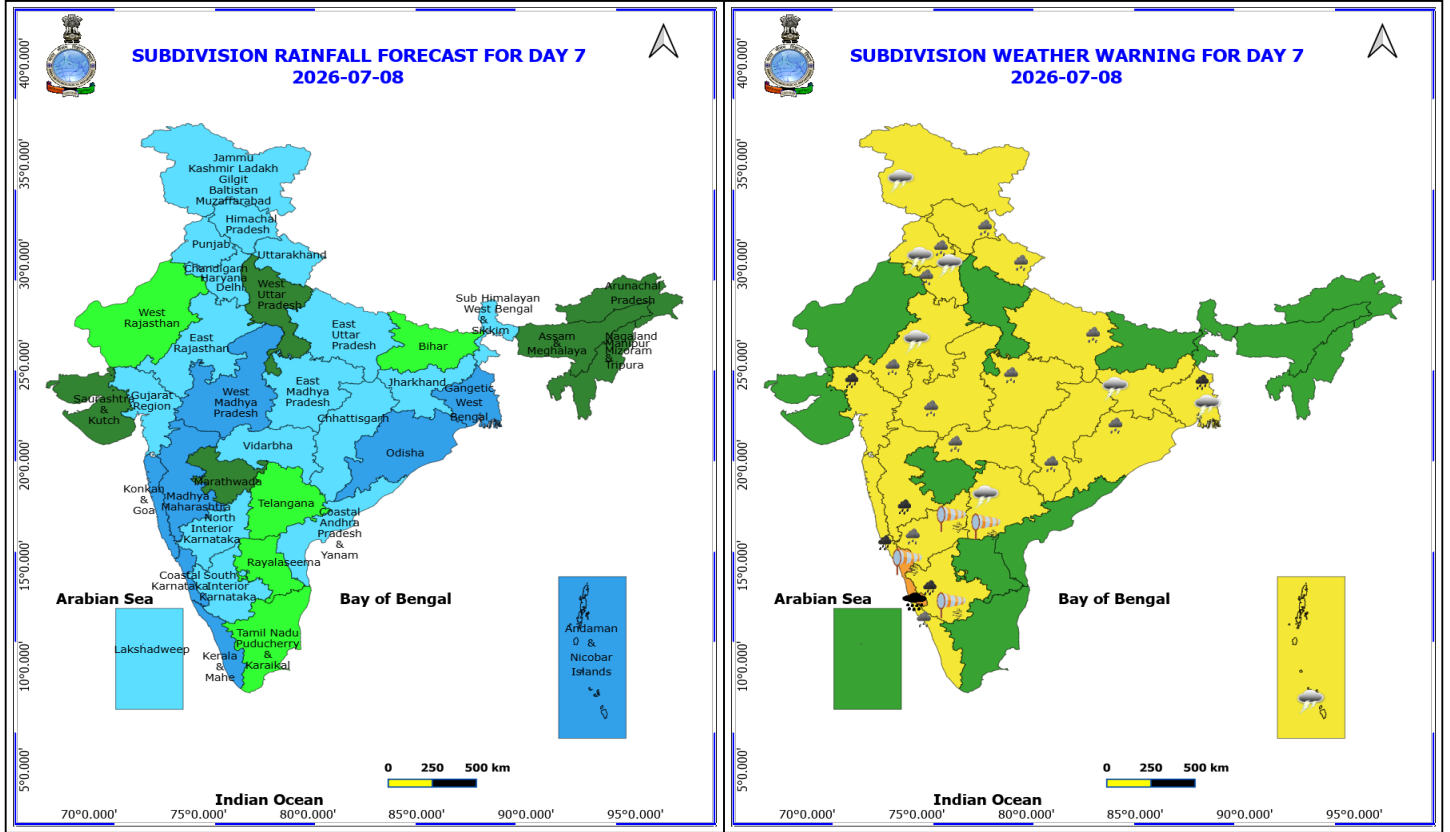
**7 July (Day 6)**

- ❖ **Heavy to Very Heavy Rainfall with isolated Extremely Heavy Rainfall** likely at isolated places over Coastal Karnataka.
- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Gangetic West Bengal, Gujarat Region, Himachal Pradesh, Konkan & Goa, Madhya Maharashtra, Odisha and South Interior Karnataka.
- ❖ **Heavy Rainfall** likely at isolated places over Chhattisgarh, Coastal Andhra Pradesh, East Rajasthan, East Uttar Pradesh, Haryana, Chandigarh & Delhi, Jharkhand, Kerala & Mahe, Madhya Pradesh, North Interior Karnataka, Punjab, Saurashtra & Kutch and Uttarakhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands, East Rajasthan, Gangetic West Bengal, Haryana, Chandigarh & Delhi, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, Punjab and Telangana.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Bihar, Karnataka, Sub Himalayan West Bengal & Sikkim and West Rajasthan.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Uttarakhand.
- ❖ **Strong Surface Winds** likely at isolated places over Karnataka and Telangana.

**No Fishermen Warning**

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**8 July (Day 7)**

- ❖ **Heavy to Very Heavy Rainfall with isolated Extremely Heavy Rainfall** likely at isolated places over Coastal Karnataka.
- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Gangetic West Bengal, Gujarat Region, Konkan & Goa, Madhya Maharashtra and South Interior Karnataka.
- ❖ **Heavy Rainfall** likely at isolated places over Chhattisgarh, East Rajasthan, East Uttar Pradesh, Haryana, Chandigarh & Delhi, Himachal Pradesh, Kerala & Mahe, Madhya Pradesh, North Interior Karnataka, Odisha, Punjab, Uttarakhand and Vidarbha.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands, East Rajasthan, Gangetic West Bengal, Haryana, Chandigarh & Delhi, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, Punjab and Telangana.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Bihar, Karnataka, Sub Himalayan West Bengal & Sikkim and West Rajasthan.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Uttarakhand.
- ❖ **Strong Surface Winds** likely at isolated places over Karnataka and Telangana.

**No Fishermen Warning**

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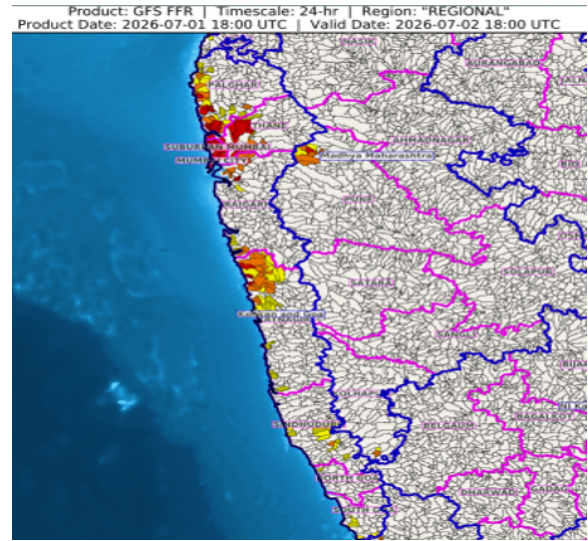
### Flash Flood Warnings

24 hours Outlook for the Flash Flood Risk (FFR) till 0530 IST of 03-07-2026 :

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

**Konkan & Goa** - North Goa, South Goa, Mumbai City, Palghar, Raigarh, Ratnagiri, Sindhudurg, Suburban Mumbai and Thane 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





## Table-1

### 7 Days Rainfall Forecast

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

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

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Fig. 1: Maximum Temperatures Dated 2026-07-01

Fig. 2: Departure of Maximum Temp. Dated 2026-07-01

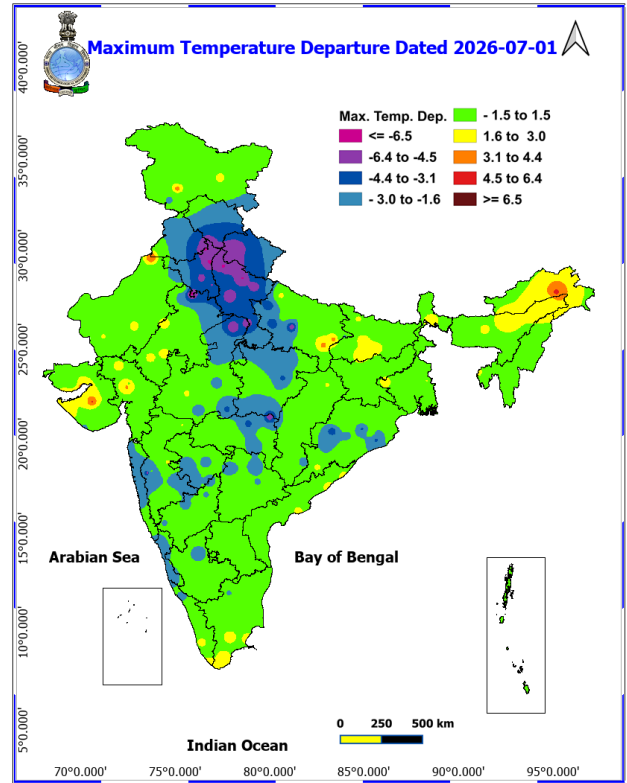
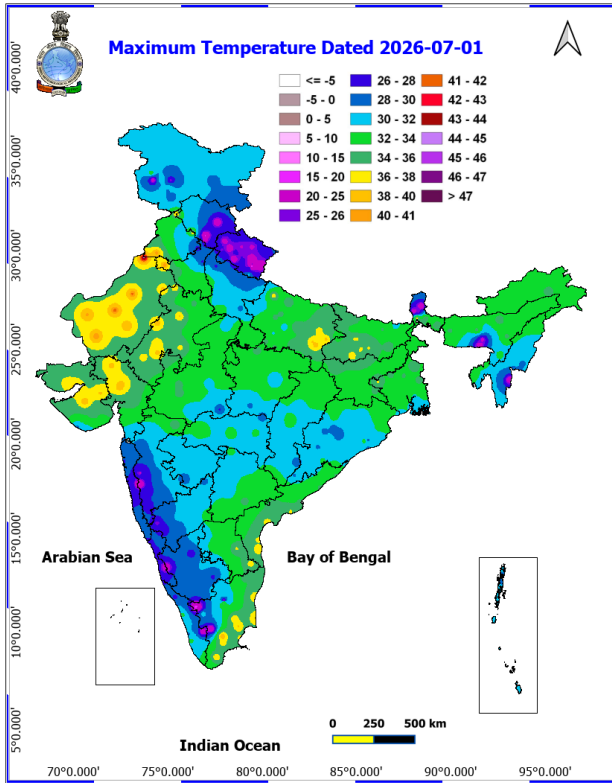
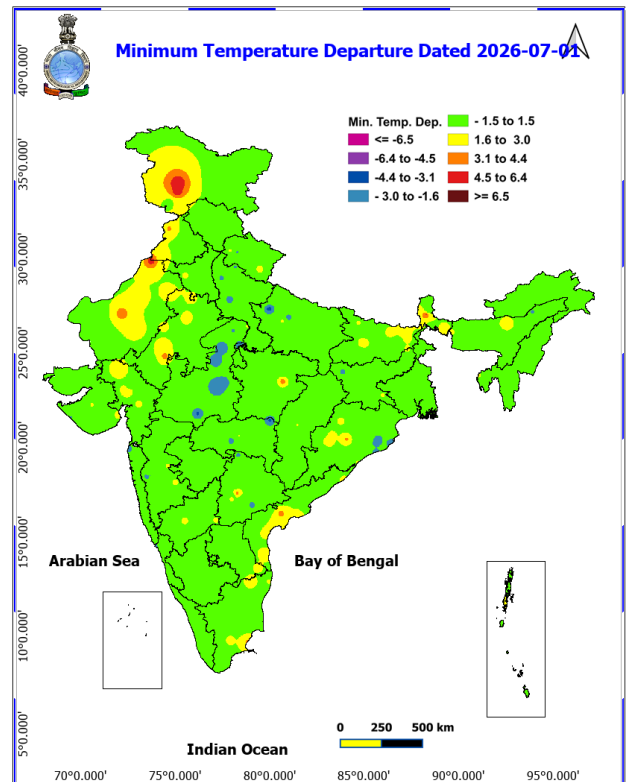
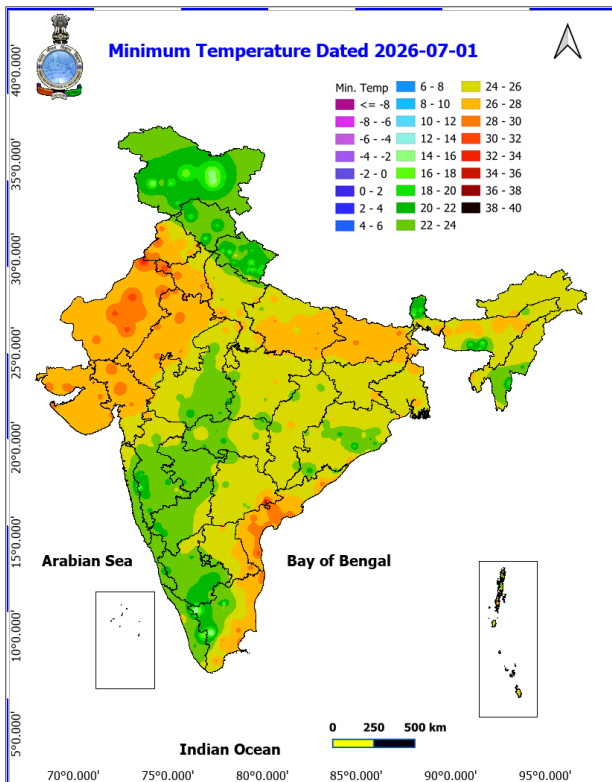
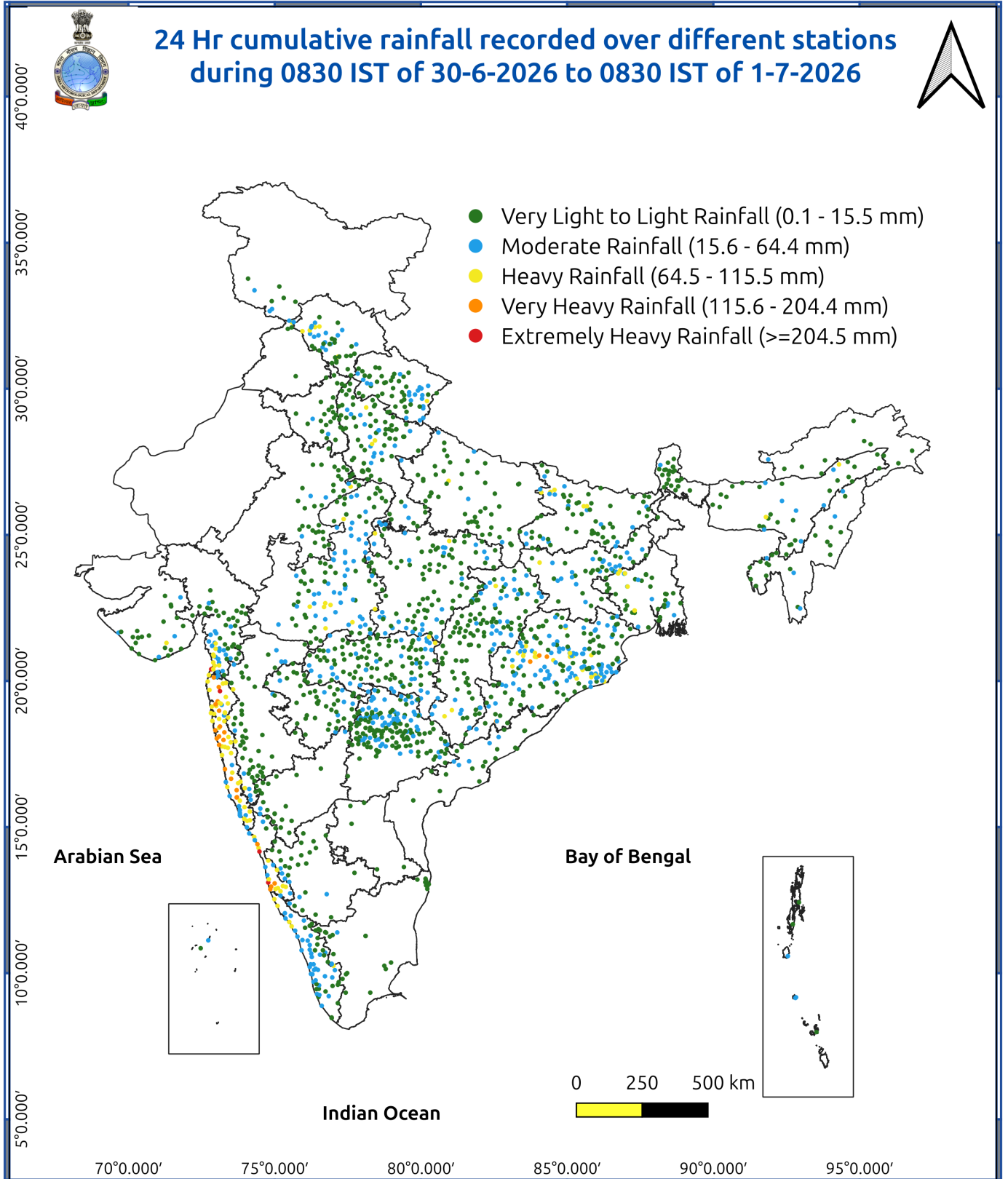


Fig. 3: Minimum Temperatures Dated 2026-07-01

Fig. 4: Departure of Minimum Temp. Dated 2026-07-01





## Impact and Actions

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

- **Isolated extremely heavy rainfall likely** over Gujarat Region, Konkan & Goa during 02nd -05th; Madhya Maharashtra during 02nd -05th West Madhya Pradesh on 03rd & 04th 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 **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 *khari* rice, finger millet and vegetables.
- In **Odisha**, avoid sowing of green gram during heavy rainfall. Make provision to drain out excess rain water from fields of rice, maize, millets and pulse crops and fruit orchards.
- 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 **Madhya Pradesh**, harvest mature green gram, vegetables and fruits and store the produce in safe place.
- In **Chhattisgarh**, ensure proper drainage in nurseries of rice and vegetables.
- In **South Gujarat**, drain out excess water from rice nursery; fields of sugarcane, okra, vegetables, yam and sapota orchards.
- In **Konkan**, postpone nursery sowing of rice, finger millet and vegetables; sowing of groundnut and cucurbitaceous vegetables and planting of new orchards like mango, coconut, cashewnut and arecanut. Drain out excess water from nurseries of rice and finger millet and fields of rice and vegetables.
- In *ghat* areas of **Madhya Maharashtra**, make arrangement to drain out excess water from nurseries of rice and finger millet.
- In **Vidarbha**, ensure proper drainage in vegetable nurseries and fruit orchards.
- In **Keralam**, drain out excess water from 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 arecanut and coconut fields.
- In **Himachal Pradesh**, maintain proper drainage channels in fields of maize, finger millet and vegetables to prevent waterlogging.

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- In **Uttarakhand**, ensure proper field drainage in fields of rice, maize, tomato, chilli, barnyard millet and finger millet to drain out excess rain water from the field.
- In **Uttar Pradesh**, complete harvesting and threshing of mature maize, green gram and black gram crops and store the produce in dry place.
- In **Assam**, drain out excess water from rice nurseries, 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 **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.

#### 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:

**Heavy Rain:**64.5-115.5mm; **Very Heavy Rain:**115.6-204.4mm; **Extremely Heavy Rain:** >204.4mm.

**Obsy:** Observatory; Automatic Weather Station; **ARG:** Automatic Rain Gauge; **dist:** District; **NH:** National Highway; **KVK:** Krishi Vigyan Kendra; **DVC:** Damodar Valley Corporation; **PTO:** Part Time Office, **Aero:** Aerodrome, **IAF:** Indian Air Force.

#### 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.

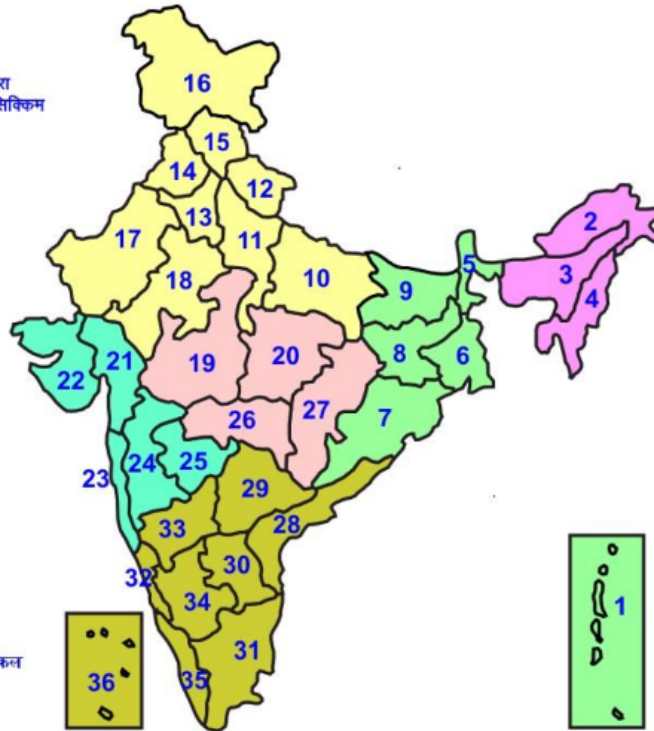
**West India:** Gujarat Region, Saurashtra & Kutch, Coastal Maharashtra (Konkan) & Goa, Madhya Maharashtra and Marathawada.

**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 चंडिगढ़ 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 मराठावाडा
- 26 विदर्भ
- 27 छत्तीसगढ़
- 28 तटीय आंध्र प्रदेश एवं यनम
- 29 तेलंगाना
- 30 रायलसीमा
- 31 तमिलनाडु, पुदुचेरी एवं कराईकल
- 32 तटिय कर्नाटक
- 33 आंतरिक उत्तरी कर्नाटक
- 34 आंतरिक दक्षिणी कर्नाटक
- 35 केरल एवं माहे
- 36 लक्षद्वीप



1. Andaman & Nicobar Islands
2. Arunachal Pradesh
3. Assam & Meghalaya
4. Nagaland, Manipur, Mizoram & Tripura
5. Sub-Himalayan West Bengal & Sikkim
6. Gangetic West Bengal
7. Orissa
8. Jharkhand
9. Bihar
10. East Uttar Pradesh
11. West Uttar Pradesh
12. Uttarakhand
13. Haryana, Chd & Delhi
14. Punjab
15. Himachal Pradesh
16. Jammu & Kashmir and Ladakh
17. West Rajasthan
18. East Rajasthan
19. West Madhya Pradesh
20. East Madhya Pradesh
21. Gujarat
22. Saurashtra
23. Konkan & Goa
24. Madhya Maharashtra
25. Marathawada
26. Vidharbha
27. Chhattisgarh
28. Coastal Andhra Pradesh & Yanam
29. Telangana
30. Rayalaseema
31. Tamilnadu, Puducherry & Karaikal
32. Coastal Karnataka
33. North Interior Karnataka
34. South Interior Karnataka
35. Kerala & Mahe
36. Lakshadweep

## SPATIAL DISTRIBUTION (% of Stations reporting)

% Stations	Category	% Stations	Category
76-100	Widespread (WS/ Most Places)	26-50	Scattered (SCT/ A Few Places)
51-75	Fairly Widespread (FWS/ Many Places)	1-25	Isolated (ISOL)

### Subdivision Colour

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

### Probabilistic Forecast

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

- |                          |                 |                      |                    |
|--------------------------|-----------------|----------------------|--------------------|
| Heavy Rain               | Very Heavy Rain | Extremely Heavy Rain | Heavy Snow         |
| Thunderstorm & Lightning | Hailstorm       | Dust Storm           | Dust Raising Winds |
| Strong surface winds     | Heat Wave       | Hot Day              | Warm Night         |
| Cold Wave                | Cold Day        | Ground Frost         | Fog                |
| Hot & Humid              |                 |                      |                    |

\*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

(Service to the nation since 1875)

## 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  $4.5^{\circ}\text{C}$  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 atleast 1 minute.

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



Effect of various waves in the sea over specific area

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



Cyclonic Storm: Wind speed 62-87 kmph (34-47 knots)  
Severe Cyclonic Storm: Wind speed 88-117 kmph (48-63 knots)  
Very Severe Cyclonic Storm: Wind speed 118-165 kmph (64 - 89 knots)  
Extremely Severe Cyclonic Storm: Wind speed 166-220 kmph (90 -119 knots)  
Super Cyclone Storm: Wind speed  $> 220$  kmph ( $> 119$  knots)

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