

2026-07-13

Time of Issue: 07:47:00 hours IST
(Morning)

ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN

Significant Weather Features

Weather forecast and Warnings:

Northwest India:

- **Fairly Widespread to Widespread** rainfall likely over Himachal Pradesh during 17th-18th July; Uttarakhand during 13th-18th July.
- **Isolated to Scattered** rainfall likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 13th-18th July; Himachal Pradesh during 13th-16th July.
- **Isolated to Scattered** rainfall likely over East Rajasthan, East Uttar Pradesh, Haryana Chandigarh & Delhi, Punjab and West Uttar Pradesh during 13th-18th July; West Rajasthan during 14th-18th July.
- Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 13th-18th July.
- Isolated **thunderstorm & lightning** likely over Uttarakhand during 13th-18th July.
- Isolated **heavy rainfall** likely over Uttarakhand during 13th-18th July; East Uttar Pradesh during 13th-16th July.

Central India:

- **Isolated to Scattered** rainfall likely over Chhattisgarh, East Madhya Pradesh, Vidarbha and West Madhya Pradesh during 13th-18th July.
- Isolated **thunderstorm & lightning** likely over Chhattisgarh and East Madhya Pradesh during 13th-16th July; Vidarbha on 16th July.
- Isolated **heavy rainfall** likely over Chhattisgarh during 14th-15th July.

East India:

- **Fairly Widespread to Widespread** rainfall likely over Andaman & Nicobar Islands during 13th-16th July; Gangetic West Bengal and Sub-Himalayan West Bengal & Sikkim during 13th-18th July; Jharkhand and Odisha during 13th-18th July; Bihar during 13th-14th July.
- **Isolated to Scattered** rainfall likely over Andaman & Nicobar Islands during 17th-18th July; Jharkhand on 12th July; Bihar during 15th-18th July.
- Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Andaman & Nicobar Islands during 13th-15th July, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Andaman & Nicobar Islands during 16th-18th July; Jharkhand and Odisha during 13th-16th July; Bihar during 13th-18th July.
- Isolated **thunderstorm & lightning** likely over Sub-Himalayan West Bengal & Sikkim during 13th-18th July; Gangetic West Bengal during 13th-14th July.
- Isolated **heavy rainfall** likely over Sub-Himalayan West Bengal & Sikkim during 13th-14th July and during 17th-18th July; Gangetic West Bengal during 16th-18th July; Bihar during 14th-15th July; Odisha during 13th-15th July with isolated **very heavy rainfall** also likely over Bihar and Gangetic West Bengal on 13th July.

Northeast India:

- **Fairly Widespread to Widespread** rainfall likely over Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during 13th-18th July.
- Isolated **thunderstorm & lightning** likely over Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during 13th-16th July.
- Isolated **heavy rainfall** likely over Arunachal Pradesh and Nagaland, Manipur, Mizoram & Tripura during 13th-18th July; Assam & Meghalaya during 15th-18th July with isolated **very heavy rainfall** also likely over Assam & Meghalaya during 13th-14th July.

West India:

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- **Isolated to Scattered** rainfall likely over Konkan & Goa during 13th-14th July; Gujarat Region, Madhya Maharashtra and Saurashtra & Kutch during 13th-18th July; Marathwada during 14th-18th July.
- **Fairly Widespread to Widespread** rainfall likely over Konkan & Goa during 15th-18th July.

South Peninsular India:

- **Isolated to Scattered** rainfall likely over North Interior Karnataka, South Interior Karnataka, Tamil Nadu, Puducherry & Karaikal and Telangana during 13th-18th July; Kerala & Mahe during 13th-17th July; Lakshadweep during 16th-17th July; Coastal Karnataka during 13th-15th July; Coastal Andhra Pradesh & Yanam during 15th-18th July; Rayalaseema during 16th-18th July.
- **Fairly Widespread to Widespread** rainfall likely over Kerala & Mahe and Lakshadweep on 18th July; Coastal Karnataka during 16th-18th July.
- **Isolated thunderstorm, lightning with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Coastal Andhra Pradesh & Yanam during 15th-16th July; Rayalaseema on 16th July; Telangana during 13th-18th July.
- **Strong Surface Winds** likely over Coastal Andhra Pradesh & Yanam and Rayalaseema during 13th-16th July; Telangana during 13th-18th July.

Heat wave conditions and Hot & Humid weather warning:

- **Heat wave** conditions very likely in isolated pockets over Coastal Andhra Pradesh & Yanam during 13th-14th July.
- **Hot and humid** weather conditions likely to prevail over Odisha on 13th July; coastal Tamil Nadu during 13th-14th July.

Fishermen Warning:

- **Arabian Sea:** Along and off Somalia, Oman, over most parts of west central adjoining east central, & some parts of north & south west Arabian Sea during 13th to 17th July; along and off north Gujarat during 13th to 15th July
- **Bay of Bengal:** Along and off north Andhra Pradesh coasts adjoining westcentral Bay of Bengal during 13th to 14th July; over Andaman Sea during 13th to 16th July; Gulf of Mannar during 15th to 17th July; south Sri Lanka coasts adjoining south west Bay of Bengal during 14th to 17th July; some parts of eastcentral & southeast Bay of Bengal during 14th to 16th July.

Main Weather Observations:

❖ **Rainfall distribution** (from 0830 hours IST of yesterday to 0530 hours IST of today): **at most places** over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Sub-himalayan West Bengal & Sikkim, Arunachal Pradesh, Himachal Pradesh, Jammu & Kashmir and Ladakh, Andaman & Nicobar Islands, Coastal Karnataka and Lakshadweep ; **at many places** over East Uttar Pradesh, Gangetic West Bengal, Bihar, Haryana Chandigarh & Delhi, Punjab and Kerala & Mahe; **Dry** over rest of the country.

❖ **Significant rainfall recorded(in cm)** (from 0830 hours IST of yesterday to 0530 hours IST of today): **East Uttar Pradesh:** Gorakhpur (dist Gorakhpur) 8; **Assam & Meghalaya:** Cherrapunji (dist East Khasi Hills) 7, North Lakhimpur (dist Lakhimpur) 6.

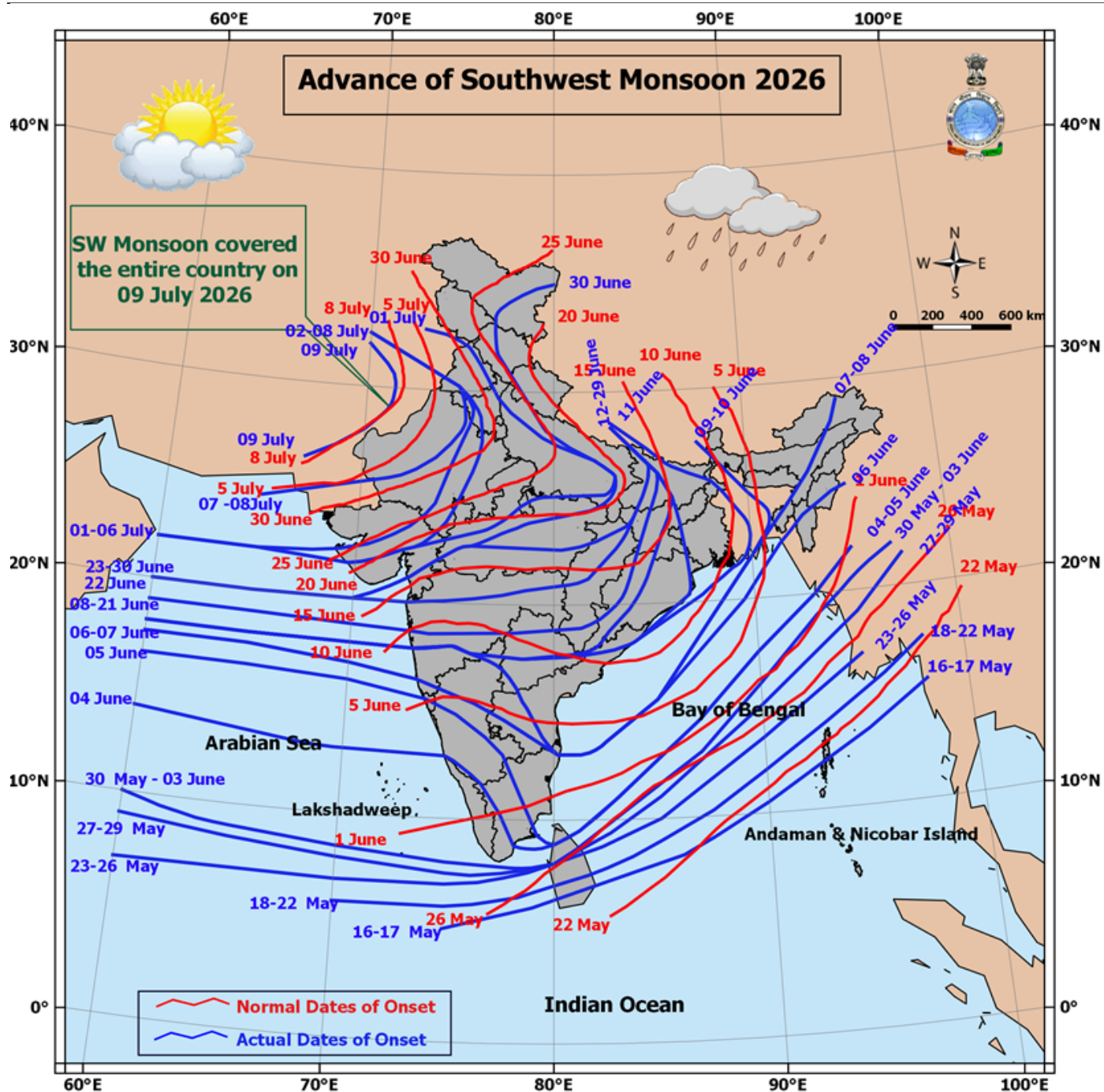
❖ **Heavy Rainfall observed** (from 0830 hours IST of yesterday to 0530 hours IST of today): **Heavy rain** at isolated places over Assam & Meghalaya and East Uttar Pradesh

❖ **Minimum Temperature Departures (as on 12-07-2026): markedly above normal(> 5.1°C)** at few places over Assam & Meghalaya; at isolated places over Sub Himalayan West Bengal & Sikkim, Odisha, Bihar, West Uttar Pradesh, Himachal Pradesh, West Rajasthan, East Rajasthan, West Madhya Pradesh, East Madhya Pradesh, Gujarat Region and Saurashtra & Kutch. **appreciably above normal(3.1°C to 5.0°C)** at few places over East Madhya Pradesh, Coastal Andhra Pradesh & Yanam and Rayalaseema; at isolated places over Andaman & Nicobar Islands, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Sub Himalayan West Bengal & Sikkim, Gangetic West Bengal, Odisha, East Uttar Pradesh, West Rajasthan, West Madhya Pradesh, Saurashtra & Kutch, Vidarbha and Tamil Nadu, Puducherry & Karaikal. **above normal(1.6°C to 3.0°C)** at many places over Sub Himalayan West Bengal & Sikkim, Konkan & Goa, Chhattisgarh, Coastal Andhra Pradesh & Yanam, Telangana, Coastal Karnataka and Kerala & Mahe; at most places over Lakshadweep; at few places over Andaman & Nicobar Islands, Arunachal Pradesh, Gangetic West Bengal, Jharkhand, Uttarakhand, Haryana-Chandigarh-Delhi, East Rajasthan, Gujarat Region, Vidarbha and Tamil Nadu, Puducherry & Karaikal; at isolated places over Odisha, Bihar, West Uttar Pradesh, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, West Madhya Pradesh, East Madhya Pradesh, Saurashtra & Kutch, Madhya Maharashtra, Rayalaseema, North Interior Karnataka and South Interior Karnataka. **near normal(-1.5°C to 1.5°C)** at many places over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Gangetic West Bengal, Odisha, Jharkhand, Bihar, East Uttar Pradesh, West Uttar Pradesh, Haryana-Chandigarh-Delhi, Punjab, Himachal Pradesh, West Rajasthan, East Rajasthan, West Madhya Pradesh, Gujarat Region, Saurashtra & Kutch, North Interior Karnataka and South Interior Karnataka; at most places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Madhya Maharashtra and Marathwada; at few places over Andaman & Nicobar Islands, Arunachal Pradesh, Uttarakhand, East Madhya Pradesh, Vidarbha, Chhattisgarh, Telangana, Rayalaseema, Tamil Nadu, Puducherry & Karaikal, Coastal Karnataka and Kerala & Mahe; at isolated places over Sub Himalayan West Bengal & Sikkim, Konkan & Goa and Coastal Andhra Pradesh & Yanam. **The lowest minimum temperature** of 17.8°C was reported at HALFLONG (ASSAM) over the Plains of India.

❖ **Maximum Temperature Departures (as on 12-07-2026): markedly above normal(> 5.1°C)** at few places over Sub Himalayan West Bengal & Sikkim; at isolated places over Chhattisgarh, Coastal Andhra Pradesh & Yanam and Tamil Nadu, Puducherry & Karaikal. **appreciably above normal(3.1°C to 5.0°C)** at many places over Telangana, Rayalaseema and North Interior Karnataka; at most places over Marathwada; at few places over Odisha, Punjab, Konkan & Goa, Madhya Maharashtra, Vidarbha and South Interior Karnataka; at isolated places over West Uttar Pradesh, West Madhya Pradesh and Kerala & Mahe. **above normal(1.6°C to 3.0°C)** at many places over Uttarakhand and Gujarat Region; at most places over Coastal Karnataka; at few places over Assam & Meghalaya, Bihar, East Uttar Pradesh, Haryana-Chandigarh-Delhi and Lakshadweep; at isolated places over Andaman & Nicobar Islands, Jharkhand, Himachal Pradesh, East Rajasthan, East Madhya Pradesh and Saurashtra & Kutch. **near normal(-1.5°C to 1.5°C)** at many places over Gangetic West Bengal and West Rajasthan; at most places over Arunachal Pradesh; at few places over Nagaland, Manipur, Mizoram & Tripura. **The highest maximum temperature** of 41.0°C was reported at PHALODI-OBS (RAJASTHAN), TIRUPATHI (ANDHRA PRADESH), and MADURAI (A) (TAMIL NADU).

Meteorological Analysis (Based on 0530 hours IST)

- The **Monsoon trough** at mean sea level continues to pass through Sri Ganganagar, Hissar, Meerut, Shahjahanpur, Gorakhpur, Muzaffarpur and thence east-southeastwards to south Assam.
- The **Western Disturbance** as a trough in middle tropospheric westerlies with its axis at 5.8 km above mean sea level roughly along Long. 72°E to the north of Lat. 30°N persists.
- The **upper air cyclonic circulation** over Northeast Bihar & neighbourhood at 3.1 km above mean sea level persists.
- The **upper air cyclonic circulation** over South Bangladesh & neighbourhood at 5.8 km above mean sea level persists.
- The **upper air cyclonic circulation** over Northeast Assam & neighbourhood between 1.5 & 3.1 km above mean sea level persists.
- The **trough** in westerlies roughly along Long. 89°E to the north of Lat. 21°N upto 1.5 km above mean sea level persists.

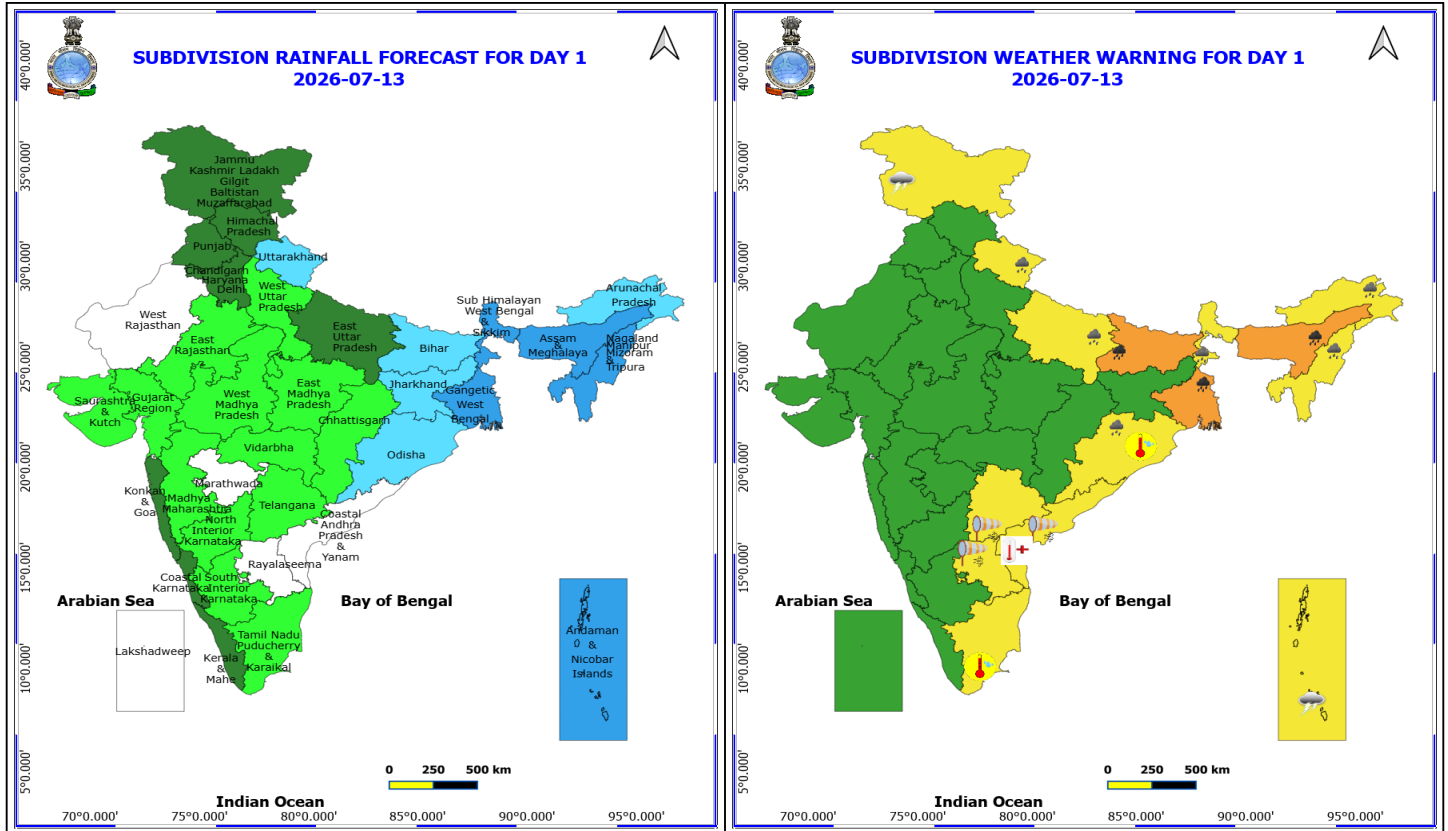


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13 July (Day 1)

- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Assam & Meghalaya, Bihar and Gangetic West Bengal.
- ❖ **Heavy Rainfall** very likely at isolated places over Arunachal Pradesh, East Uttar Pradesh, Nagaland, Manipur, Mizoram and Tripura, Odisha, Sub Himalayan West Bengal & Sikkim and Uttarakhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Andaman & Nicobar Islands and Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Andhra Pradesh, Bihar, Jharkhand, Odisha and Telangana.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, East Madhya Pradesh, Nagaland, Manipur, Mizoram and Tripura, Uttarakhand and West Bengal & Sikkim.
- ❖ **Strong Surface Winds** very likely at isolated places over Andhra Pradesh and Telangana.
- ❖ **Heat Wave conditions** very likely at isolated places over Coastal Andhra Pradesh.
- ❖ **Hot and Humid weather** very likely at isolated places over Odisha and Tamil Nadu Puducherry & Karaikal.
- ❖ **Arabian Sea: Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail over most parts of west central adjoining east central, north and some parts of south west Arabian Sea, along and off Somalia, and Oman coasts; along and off north Gujarat coasts.

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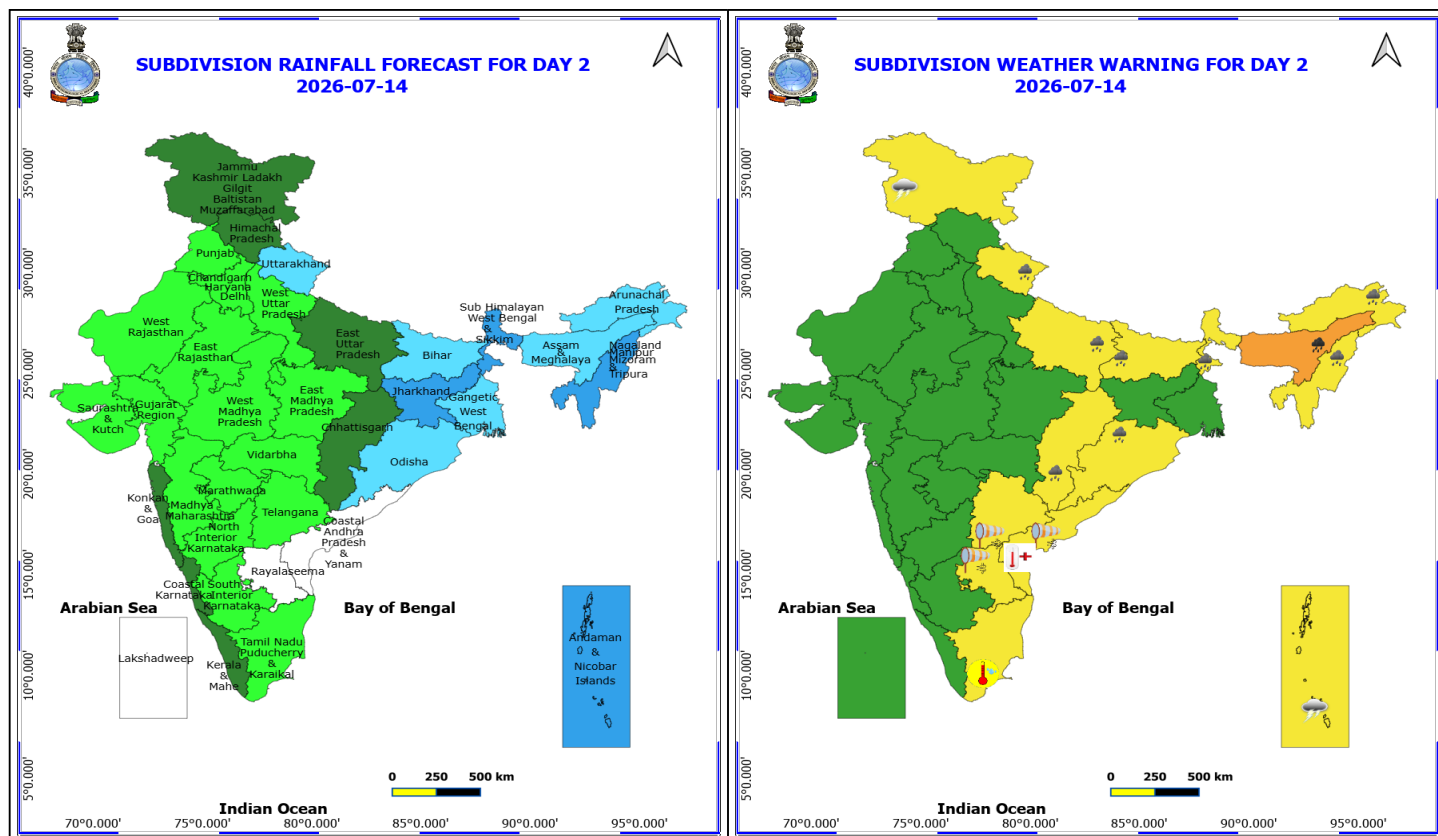
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❖ **Bay of Bengal: Squally Weather with wind speed 40-50 kmph gusting to 60 kmph** is likely to prevail along and off north Andhra Pradesh coasts adjoining sea area; over Andaman Sea.



14 July (Day 2)

- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Assam & Meghalaya.
- ❖ **Heavy Rainfall** very likely at isolated places over Arunachal Pradesh, Bihar, Chhattisgarh, East Uttar Pradesh, Nagaland, Manipur, Mizoram and Tripura, Odisha, Sub Himalayan West Bengal & Sikkim and Uttarakhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Andaman & Nicobar Islands and Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Andhra Pradesh, Bihar, Jharkhand, Odisha and Telangana.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, East Madhya Pradesh, Nagaland, Manipur, Mizoram and Tripura, Uttarakhand and West Bengal & Sikkim.
- ❖ **Strong Surface Winds** very likely at isolated places over Andhra Pradesh and Telangana.
- ❖ **Heat Wave conditions** very likely at isolated places over Coastal Andhra Pradesh.
- ❖ **Hot and Humid weather** very likely at isolated places over Tamil Nadu Puducherry & Karaikal.
- ❖ **Arabian Sea: Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail over most parts of west central adjoining east central, north and some parts of south west Arabian Sea, along and off Somalia, and Oman coasts; along and off north Gujarat coasts.
- ❖ **Bay of Bengal: Squally Weather with wind speed 40-50 kmph gusting to 60 kmph** is likely to prevail along

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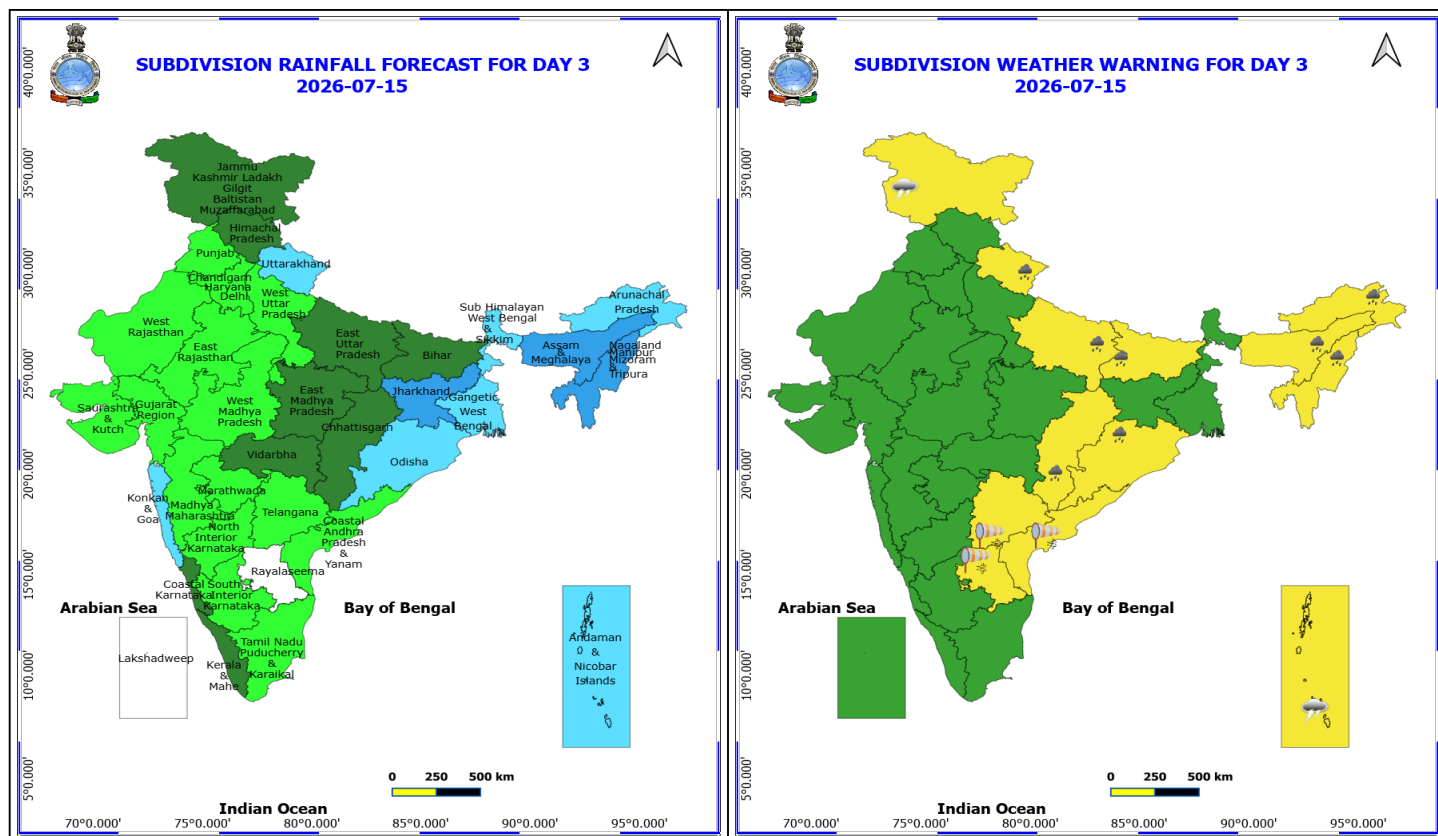
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and off north Andra Pradesh coasts adjoining sea area; over Andaman Sea.



15 July (Day 3)

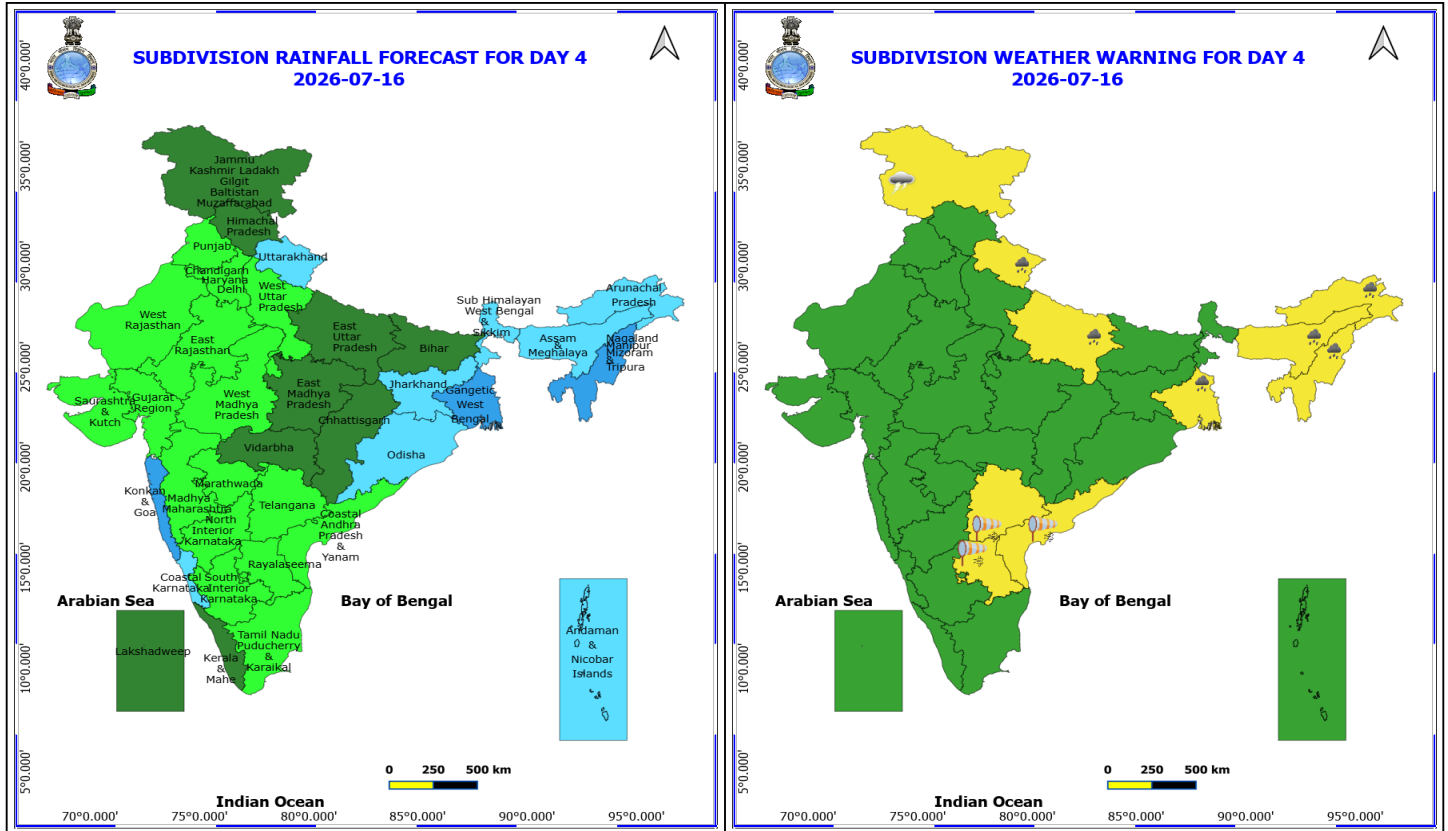
- ❖ **Heavy Rainfall** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Bihar, Chhattisgarh, East Uttar Pradesh, Nagaland, Manipur, Mizoram and Tripura, Odisha and Uttarakhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Andaman & Nicobar Islands and Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Andhra Pradesh, Bihar, Jharkhand, Odisha and Telangana.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, East Madhya Pradesh, Nagaland, Manipur, Mizoram and Tripura, Sub Himalayan West Bengal & Sikkim and Uttarakhand.
- ❖ **Strong Surface Winds** very likely at isolated places over Andhra Pradesh and Telangana.
- ❖ **Arabian Sea: Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail over most parts of west central adjoining east central, north and some parts of south west Arabian Sea, along and off Somalia, and Oman coasts; along and off north Gujarat coasts.
- ❖ **Bay of Bengal: Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail over south Sri Lanka coasts, some parts of eastcentral & southeast Bay of Bengal.
- ❖ **Squally Weather with wind speed 40-50 kmph gusting to 60 kmph** is likely to prevail over Andaman Sea.

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16 July (Day 4)

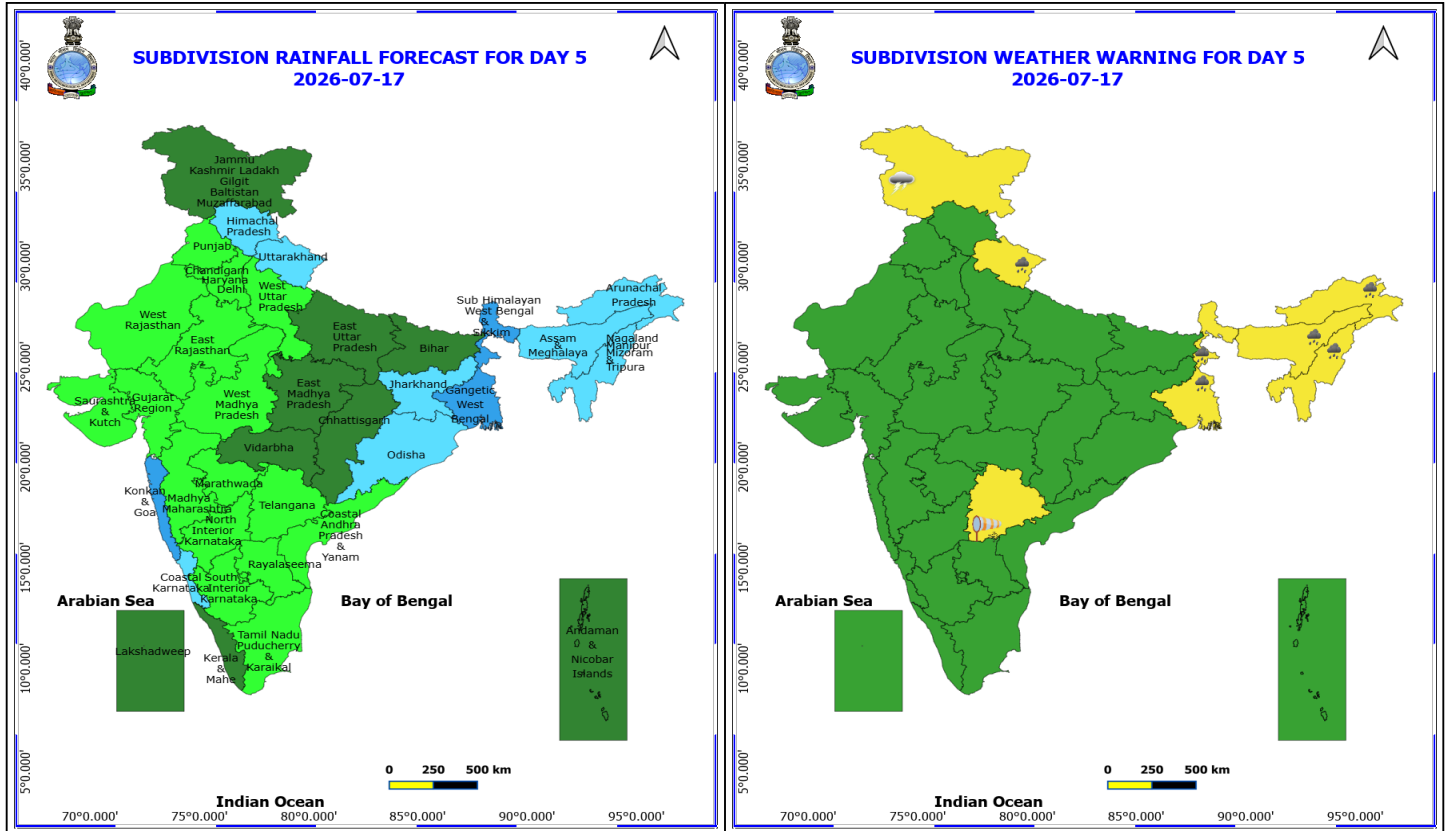
- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, East Uttar Pradesh, Gangetic West Bengal, Nagaland, Manipur, Mizoram and Tripura and Uttarakhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Andaman & Nicobar Islands, Andhra Pradesh, Bihar, Jharkhand, Odisha and Telangana.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, East Madhya Pradesh, Nagaland, Manipur, Mizoram and Tripura, Sub Himalayan West Bengal & Sikkim, Uttarakhand and Vidarbha.
- ❖ **Strong Surface Winds** likely at isolated places over Andhra Pradesh and Telangana.
- ❖ **Arabian Sea: Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail over most parts of west central adjoining east central, north and some parts of south west Arabian Sea, along and off Somalia, and Oman coasts.
- ❖ **Bay of Bengal: Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail over Gulf of Mannar, south Sri Lanka coasts, some parts of eastcentral & southeast adjoining southwest Bay of Bengal.
- ❖ **Squally Weather with wind speed 40-50 kmph gusting to 60 kmph** is likely to prevail over Andaman Sea.

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17 July (Day 5)

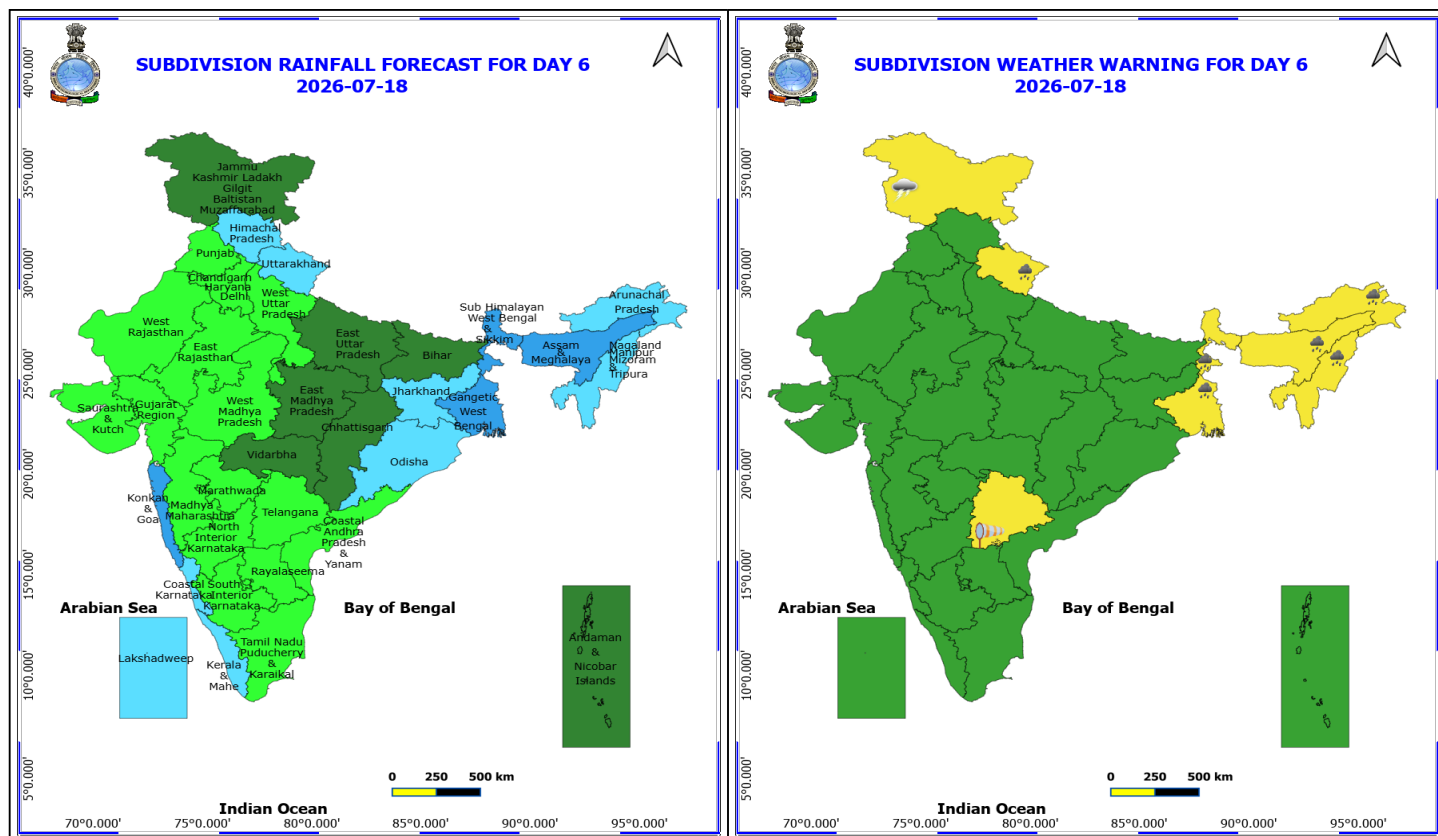
- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram and Tripura, Uttarakhand and West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Andaman & Nicobar Islands, Bihar and Telangana.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Sub Himalayan West Bengal & Sikkim and Uttarakhand.
- ❖ **Strong Surface Winds** likely at isolated places over Telangana.
- ❖ **Arabian Sea: Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail over most parts of west central adjoining east central, northwest and some parts of south west Arabian Sea, along and off Somalia, and Oman coasts.
- ❖ **Bay of Bengal: Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail over Gulf of Mannar, south Sri Lanka coasts adjoining southwest Bay of Bengal.

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18 July (Day 6)

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

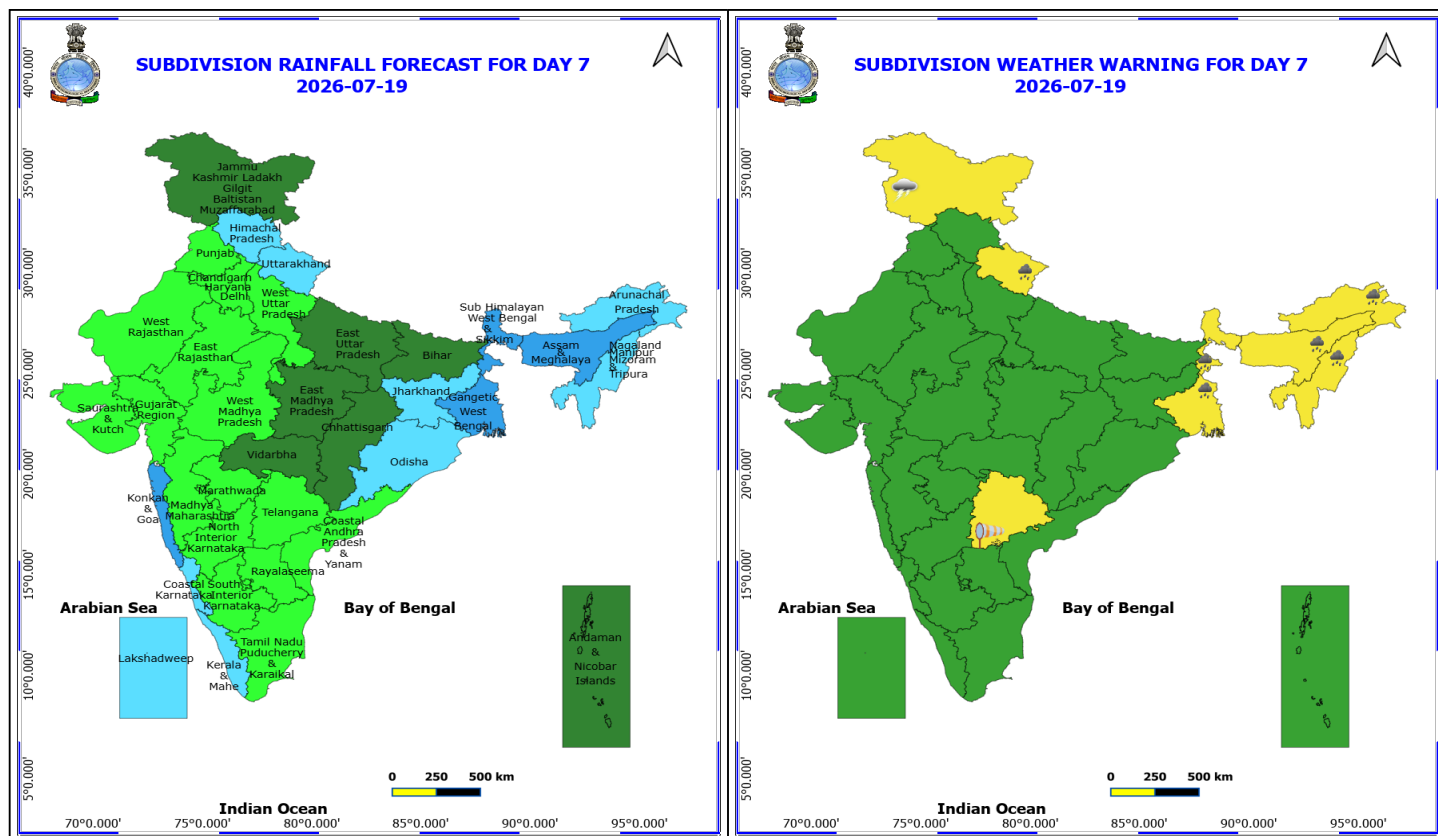
No Fishermen Warning

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19 July (Day 7)

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

No Fishermen Warning

Flash Flood Warnings

24 hours Outlook for the Flash Flood Risk (FFR) till 0530 IST of 14-07-2026 :

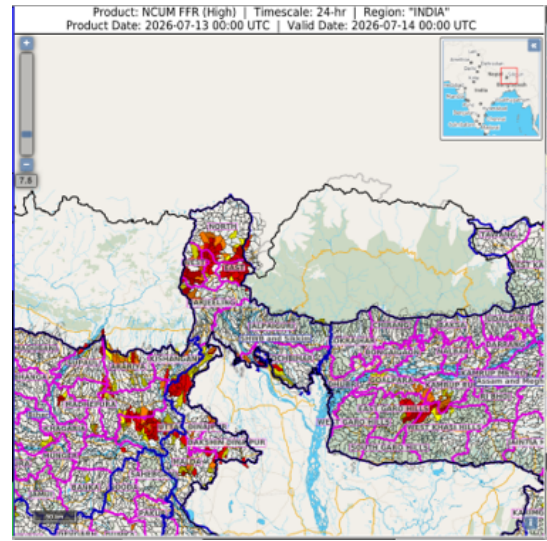
Low to Moderate flash flood risk likely over few watersheds & neighbourhoods of following Met Sub-divisions during next 24 hours.

Assam & Meghalaya - East Garo Hills, West Khasi Hills and Goalpara districts.

Sub-Himalayan West Bengal & Sikkim – Coochbehar, Darjeeling, East Sikkim, West Sikkim, North Sikkim, West Sikkim, Uttar Dinajpur, Dakshin Dinajpur, and Malda districts

Bihar – Kishanganj, Katihar, Purnia, Bhagalpur, Arariya, Supaul, Madubani, and Khagariya 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	13- Jul	14- Jul	15- Jul	16- Jul	17- Jul	18- Jul	19- Jul
		Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
1	ANDAMAN & NICOBAR ISLANDS	WS	WS	FWS	FWS	SCT	SCT	SCT
2	ARUNACHAL PRADESH	FWS	FWS	FWS	FWS	FWS	FWS	FWS
3	ASSAM & MEHGHALAYA	WS	FWS	WS	FWS	FWS	WS	WS
4	N. M. M. & T.	WS	WS	WS	WS	FWS	FWS	FWS
5	S.H. WEST BENGAL & SIKKIM	WS	WS	FWS	FWS	WS	WS	WS
6	GANGETIC WEST BENGAL	WS	FWS	FWS	WS	WS	WS	WS
7	ODISHA	FWS	FWS	FWS	FWS	FWS	FWS	FWS
8	JHARKHAND	FWS	WS	WS	FWS	FWS	FWS	FWS
9	BIHAR	FWS	FWS	SCT	SCT	SCT	SCT	SCT
10	EAST UTTAR PRADESH	SCT	SCT	SCT	SCT	SCT	SCT	SCT
11	WEST UTTAR PRADESH	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
12	UTTARAKHAND	FWS	FWS	FWS	FWS	FWS	FWS	FWS
13	HARYANA, CHD & DELHI	SCT	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
14	PUNJAB	SCT	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
15	HIMACHAL PRADESH	SCT	SCT	SCT	SCT	FWS	FWS	FWS
16	JAMMU AND KASHMIR AND LADAKH	SCT	SCT	SCT	SCT	SCT	SCT	SCT
17	WEST RAJASTHAN	DRY	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
18	EAST RAJASTHAN	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
19	WEST MADHYA PRADESH	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
20	EAST MADHYA PRADESH	ISOL	ISOL	SCT	SCT	SCT	SCT	SCT
21	GUJRAT REGION	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
22	SAURASHTRA & KUTCH	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
23	KONKAN & GOA	SCT	SCT	FWS	WS	WS	WS	WS
24	MADHYA MAHARASHTRA	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
25	MARATHWADA	DRY	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
26	VIDARBHA	ISOL	ISOL	SCT	SCT	SCT	SCT	SCT
27	CHATTISGARH	ISOL	SCT	SCT	SCT	SCT	SCT	SCT
28	COASTAL ANDHRA PRADESH	DRY	DRY	ISOL	ISOL	ISOL	ISOL	ISOL
29	TELANGANA	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
30	RAYALASEEMA	DRY	DRY	DRY	ISOL	ISOL	ISOL	ISOL
31	TAMILNADU & PUDUCHERRY	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
32	COSTAL KARNATAKA	SCT	SCT	SCT	FWS	FWS	FWS	FWS
33	NORTH INTERIOR KARNATAKA	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
34	SOUTH INTERIOR KARNATAKA	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
35	KERALA	SCT	SCT	SCT	SCT	SCT	FWS	FWS
36	LAKSHDWEAP	DRY	DRY	DRY	SCT	SCT	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 2026-07-12

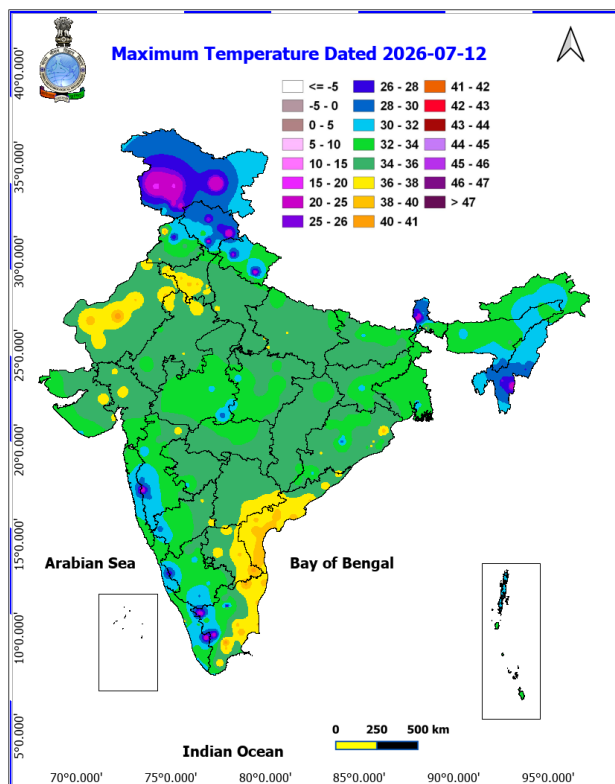


Fig. 2: Departure of Maximum Temp. Dated 2026-07-12

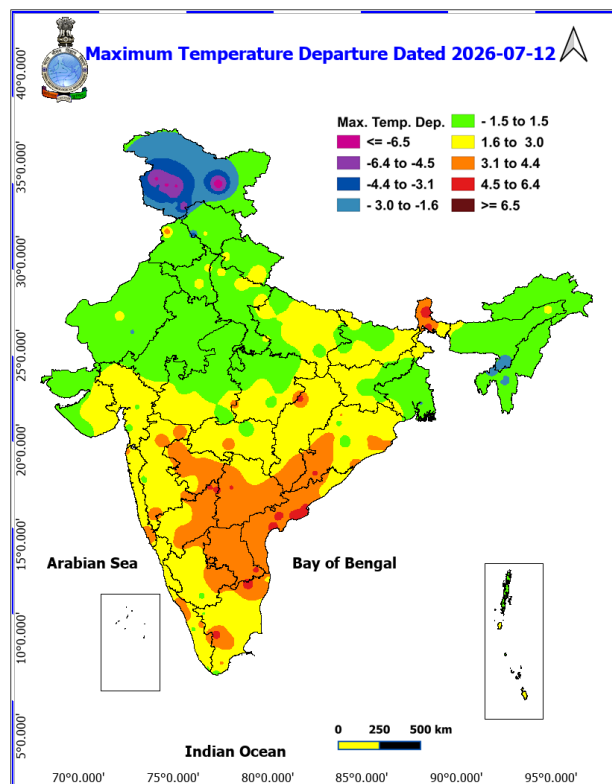


Fig. 3: Minimum Temperatures Dated 2026-07-12

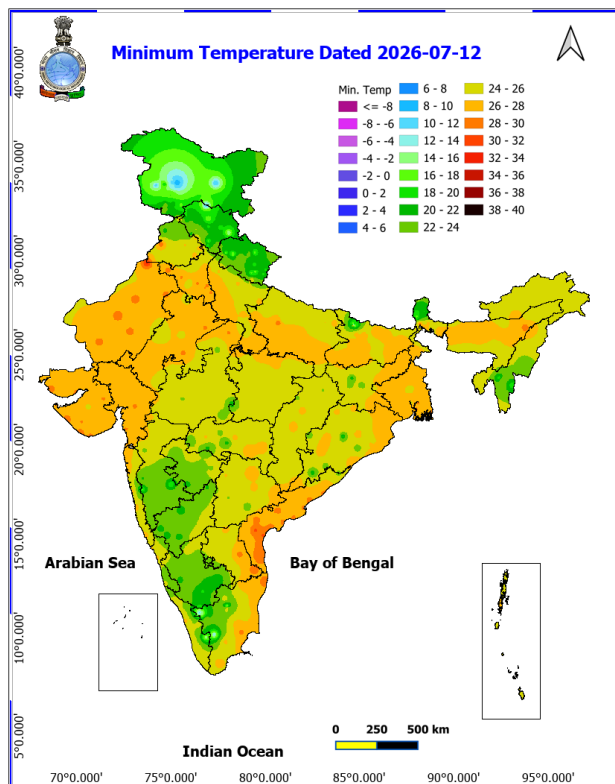
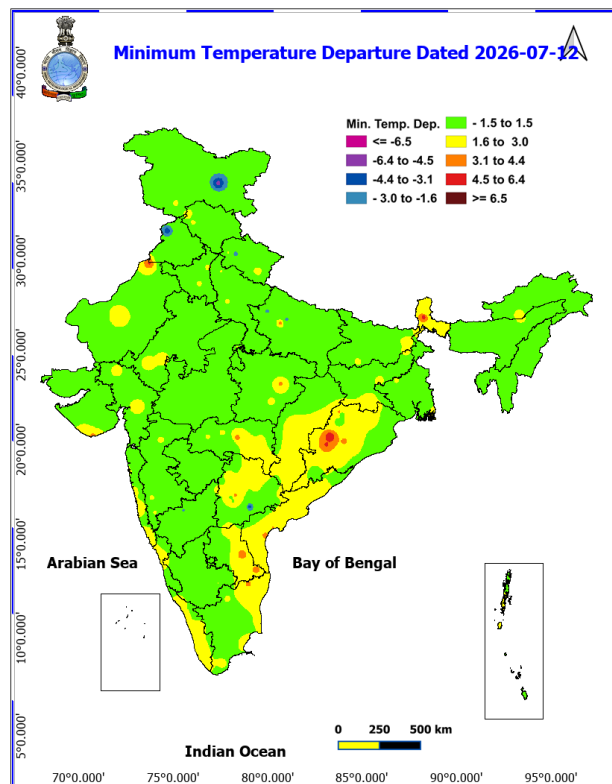


Fig. 4: Departure of Minimum Temp. Dated 2026-07-12

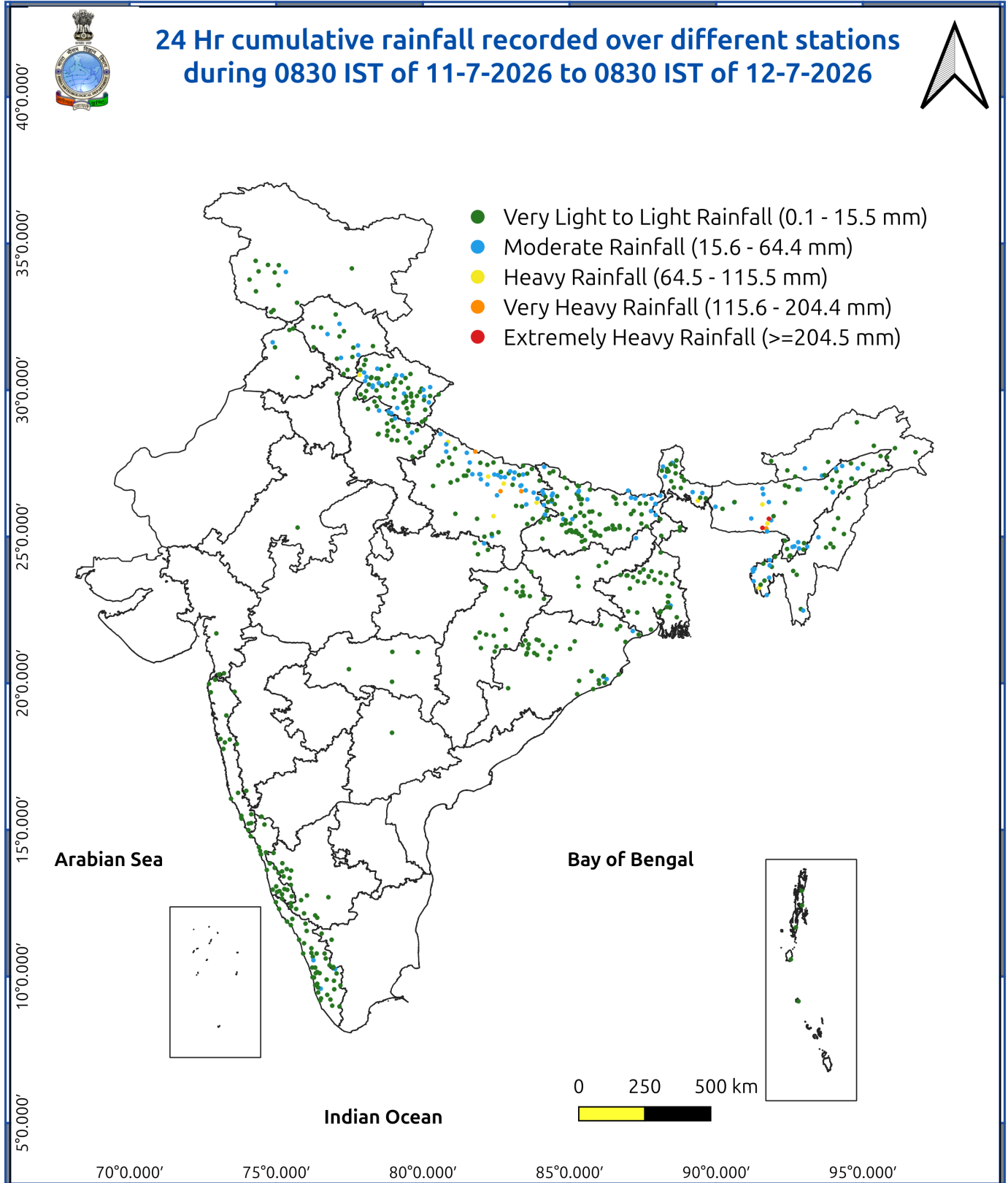


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Impact and Actions

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

- **Isolated very heavy rainfall likely** over Bihar and Gangetic West Bengal on 13th July; Assam & Meghalaya during 13th-14th July.

Impact Expected

- Localized Flooding of roads, water logging in low lying areas and closure of underpasses mainly in urban areas.
- Occasional reduction in visibility due to heavy rainfall.
- Disruption of traffic in major cities due to water logging in roads leading to increased travel time.
- Minor damage to kutcha roads.
- Possibilities of damage to vulnerable structure.
- Localized Landslides/Mudslides/landslips/mudslips/landsinks/mudsinks.
- Damage to horticulture and standing crops in some areas due to inundation.
- It may lead to riverine flooding in some river catchments (for riverine flooding please visit Web page of CWC)

Action Suggested

- Check for traffic congestion on your route before leaving for your destination.
- Follow any traffic advisories that are issued in this regard.
- Avoid going to areas that face the water logging problems often.
- Avoid staying in vulnerable structure.

Agromet advisories for various parts of the country

Agromet advisories for likely impact of Heavy Rainfall

- In **Assam**, Ensure proper drainage to drain out excess rain water from the fields of sugarcane, soybean, pigeon pea, jute & sesame and fruit orchards.
- In **West Bengal**, maintain proper drainage in rice and finger millet nurseries as well as ginger, tomato, brinjal, Dalley khorsani and other vegetable fields to prevent waterlogging. Drain out excess water from the crop fields. Harvest all the matured crops and vegetables. Harvest mature tea leaves and vegetables during rain. Inspect and strengthen bunds around rice nurseries to prevent flooding and maintain adequate drainage.
- In **Jammu & Kashmir**, make arrangements to drain out excess rainwater from rice nursery and fields of maize and green gram.
- In **Punjab**, make arrangements for removal of excess water from cotton and maize fields.
- In **Haryana**, drain out the standing water from cotton fields immediate after excess rain.
- In **Himachal Pradesh**, prioritize good drainage in crop fields of cucurbits, tomato, capsicum and maize fields to avoid waterlogging.
- In **EastUttar Pradesh**, ensure proper drainage in fields of rice, maize, sesame and vegetables.
- In **Bihar**, postpone irrigation in standing crops and apply fertilizers and pesticides only when the sky is clear. Ensure proper drainage in crop fields prone to waterlogging to prevent crop damage due to excess rainfall.
- In **Arunachal Pradesh**, Drain out excess water from crops (rice, maize, soybean, finger millet). Where large gaps have formed due to crop loss, carry out gap filling where feasible.
- In **Uttarakhand**, delay sowing of groundnut, soybean and maize till the weather improves. Maintain proper drainage channels in already sown fields of groundnut, soybean, maize, tomato and chilli.
- In **Meghalaya**, Ensure proper drainage in rice nursery beds and field of maize, cow pea, okra and ginger crop. Strengthen nursery bunds to prevent runoff and seedling washout.
- In the regions expecting heavy rainfall, including **Chattisgarh and Odisha** withhold irrigation in standing crops, make necessary arrangements to remove excess rain water from the crop fields.

Agromet advisories for likely impact of Thunderstorm / Gusty Winds

- In **Jammu & Kashmir, Ladakh, Coastal Andhra Pradesh, Telengana, Rayalaseema**, post-pone fertilizer application and other field activities
- 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.
- In **Keralam, Coastal Andhra Pradesh, Telengana, Rayalaseema, Karnataka and Tamilnadu**, Provide mechanical support to horticultural crops and staking or support to vegetables and young fruit plants / fruit-bearing plants to avoid lodging due to strong winds.

Livestock / Poultry / Fisheries

- Keep the animals inside the shed during heavy rainfall and provide them balanced feed.
- Store the feed and fodder in a safe place to prevent spoilage.
- In regions with high temperatures and heat wave conditions, provide clean, cool drinking water to animals, and cover the roofs of poultry sheds with grass to reduce the adverse effects of heat.
- Construct an outlet with proper netting around the ponds to drain excess water, thereby preventing fish from escaping in the event of overflow.

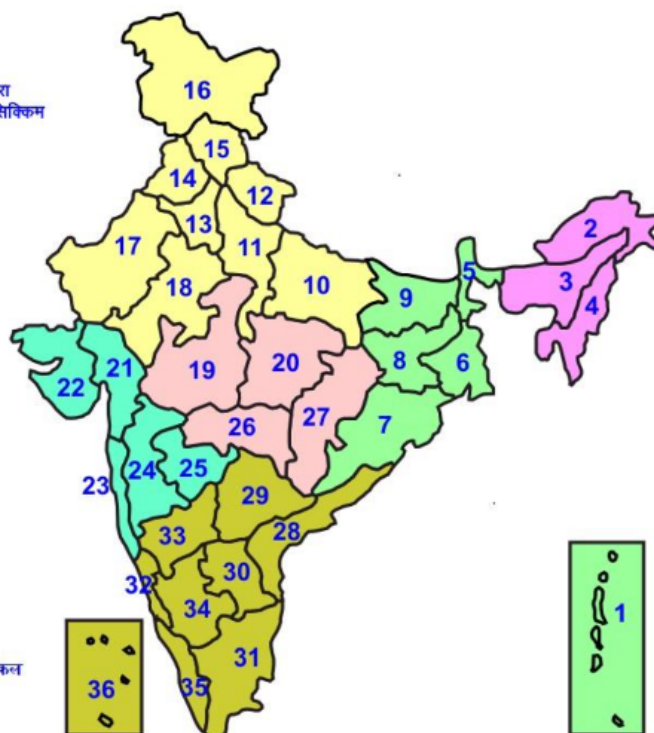
Legends & abbreviations:

Region wise classification of meteorological Sub-Divisions:

- **Northwest India:** Western Himalayan Region (Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh and Uttarakhand); Punjab, Haryana Chandigarh & Delhi; West Uttar Pradesh, East Uttar Pradesh, West Rajasthan and East Rajasthan.
- **Central India:** West Madhya Pradesh, East Madhya Pradesh, Vidarbha and Chhattisgarh.
- **East India:** Bihar, Jharkhand, Sub-Himalayan West Bengal & Sikkim; Gangetic West Bengal, Odisha and Andaman & Nicobar Islands.
- **Northeast India:** Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.
- **West India:** Gujarat Region, Saurashtra & Kutch, Coastal Maharashtra (Konkan) & Goa, Madhya Maharashtra and Marathawada.
- **South India:** Coastal Andhra Pradesh & Yanam, Telangana, Rayalaseema, Coastal Karnataka, North Interior Karnataka, South Interior Karnataka, Kerala & Mahe, Tamil Nadu, Puducherry & Karaikal and Lakshadweep.

LEGENDS

- 1 अंडमान और निकोबार द्वीप समुह
- 2 अरुणाचल प्रदेश
- 3 असम और मेघालय
- 4 नागालैंड मनीपुर मीजोरम और त्रिपुरा
- 5 उप हिमालय पश्चिम बंगाल एवं सिक्किम
- 6 पश्चिम बंगाल
- 7 ओडिसा
- 8 झारखंड
- 9 बिहार
- 10 पूर्वी उत्तर प्रदेश
- 11 पश्चिम उत्तर प्रदेश
- 12 उत्तराखंड
- 13 हरियाणा चंडीगढ़ एवं दिल्ली
- 14 पंजाब
- 15 हिमाचल प्रदेश
- 16 जम्मू एवं कश्मीर एवं लद्दाख
- 17 पश्चिम राजस्थान
- 18 पूर्वी राजस्थान
- 19 पश्चिम मध्य प्रदेश
- 20 पूर्वी मध्य प्रदेश
- 21 गुजरात क्षेत्र
- 22 सौराष्ट्र एवं कच्छ
- 23 कोंकण एवं गोवा
- 24 मध्य महाराष्ट्र
- 25 मराठावाड़ा
- 26 विदर्भ
- 27 छत्तीसगढ़
- 28 तटीय आंध्र प्रदेश एवं यनम
- 29 तेलंगाना
- 30 रायलसीमा
- 31 तमिलनाडु, पुदुचेरी एवं कराईकल
- 32 तटिय कर्नाटक
- 33 आंतरिक उत्तरी कर्नाटक
- 34 आंतरिक दक्षिणी कर्नाटक
- 35 केरल एवं माहे
- 36 लक्षद्वीप



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

SPATIAL DISTRIBUTION (% of Stations reporting)

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

Subdivision Colour

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

Probabilistic Forecast

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

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

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LEGENDS

WARNING

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

Probabilistic Forecast

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



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



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

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

(b). Based on Actual maximum temperature

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

(c). Criteria for heat wave for coastal stations

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



When maximum temperature remains 40°C

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



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

(a). Based on departure

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

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

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

(c) For Coastal Stations

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



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

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



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

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



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



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



Ice deposits on ground

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



A strong wind that rises suddenly, lasts for 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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