

2026-08-16

Time of Issue: 08:39:00 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, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Uttarakhand during 16th-21st August.
- **Fairly Widespread to Widespread** rainfall likely over Haryana Chandigarh & Delhi and Punjab on 18th August; West Uttar Pradesh during 16th-17th August; East Uttar Pradesh during 16th-21st August.
- **Isolated to Scattered** rainfall likely over rest parts of northwest India.
- Isolated **thunderstorm & lightning** likely over Uttarakhand during 16th-21st August.
- Isolated **heavy rainfall** likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad on 16th August and during 18th-19th August; Himachal Pradesh on 16th August and during 19th-21st August; Uttarakhand during 18th-21st August; Haryana Chandigarh & Delhi and Punjab during 17th-18th August; West Uttar Pradesh on 18th August; East Uttar Pradesh during 18th-19th August; isolated **very heavy rainfall** also likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad on 17th August; Himachal Pradesh during 17th-18th August; Uttarakhand during 16th-17th August; East Uttar Pradesh and West Uttar Pradesh during 16th-17th August.

Central India:

- **Fairly Widespread to Widespread** rainfall likely over Chhattisgarh, East Madhya Pradesh and West Madhya Pradesh during 16th-21st August; Vidarbha during 16th-18th August.
- **Isolated to Scattered** rainfall likely over central India.
- Isolated **heavy rainfall** likely over West Madhya Pradesh during 16th-17th August; Chhattisgarh and East Madhya Pradesh during 16th-19th August.

East India:

- **Fairly Widespread to Widespread** rainfall likely over Andaman & Nicobar Islands, Gangetic West Bengal, Jharkhand, Odisha and Sub-Himalayan West Bengal & Sikkim during 16th-21st August; Bihar during 17th-20th August.
- **Isolated to Scattered** rainfall likely over East India.
- Isolated **thunderstorm & lightning** likely over Bihar during 16th-19th August.
- Isolated **heavy rainfall** likely over Sub-Himalayan West Bengal & Sikkim during 17th-21st August; Gangetic West Bengal during 17th-18th August; Jharkhand on 16th August; Bihar during 17th-20th August; Odisha and during 19th-21st August with isolated **very heavy rainfall** also likely over Gangetic West Bengal on 16th August; Jharkhand during 17th-18th August; Odisha during 16th-18th August.
- **Isolated extremely heavy rainfall over north Odisha and Gangetic West Bengal on 17th August, 2026.**
- **Moderate to severe lightning activity over Bihar on 17th August.**

Northeast India:

- **Fairly Widespread to Widespread** rainfall likely over Arunachal Pradesh during 16th-21st August; Assam & Meghalaya during 17th-21st August; Nagaland, Manipur, Mizoram & Tripura during 16th-21st August.
- **Isolated to Scattered** rainfall likely over Assam & Meghalaya on 16th August.
- Isolated **thunderstorm & lightning** likely over Arunachal Pradesh and Assam & Meghalaya during 16th-19th August; Nagaland, Manipur, Mizoram & Tripura during 16th-18th August.
- Isolated **heavy rainfall** likely over Arunachal Pradesh during 18th-21st August; Assam & Meghalaya on 16th August and during 18th-21st August; Nagaland, Manipur, Mizoram & Tripura during 16th-21st August with isolated **very heavy rainfall** also likely over Arunachal Pradesh during 16th-17th August; Assam & Meghalaya on 17th August.

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West India:

- **Fairly Widespread to Widespread** rainfall likely over Konkan & Goa during 16th-21st August; Gujarat Region on 16th August.
- **Isolated to Scattered** rainfall likely over Madhya Maharashtra, Marathawada and Saurashtra & Kutch during 16th-21st August; Gujarat Region during 17th-21st August.
- Isolated **thunderstorm & lightning** likely over Gujarat Region on 16th August.
- Isolated **heavy rainfall** likely over Konkan & Goa during 16th-17th August; Madhya Maharashtra during 16th-18th August; Gujarat Region on 16th August.

South Peninsular India:

- **Isolated to Scattered** rainfall likely over Coastal Andhra Pradesh & Yanam, North Interior Karnataka, Rayalaseema, South Interior Karnataka, Tamil Nadu, Puducherry & Karaikal and Telangana during 16th-21st August; Lakshadweep during 17th-18th August.
- **Fairly Widespread to Widespread** rainfall likely over Coastal Karnataka and Kerala & Mahe during 16th-21st August; Lakshadweep on 16th August and during 19th-21st August.
- Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Coastal Andhra Pradesh & Yanam, Rayalaseema and Tamil Nadu, Puducherry & Karaikal during 16th-19th August; North Interior Karnataka on 16th August, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Coastal Karnataka and South Interior Karnataka on 16th August; Telangana during 16th-17th August.
- Isolated **heavy rainfall** likely over Tamil Nadu, Puducherry & Karaikal during 18th-20th August.
- Strong Surface Winds likely over Coastal Karnataka, North Interior Karnataka and South Interior Karnataka on 16th August; Coastal Andhra Pradesh & Yanam and Rayalaseema during 16th-19th August; Telangana during 16th-17th August.

Fishermen Warning:

- **Arabian Sea:** Along and off Somalia and Oman coast, most parts of westcentral Arabian Sea and some parts of southwest Arabian sea adjoining few parts of north & eastcentral Arabian Sea till 20th August, along and off Gujarat coast adjoining some parts of northeast and eastcentral Arabian Sea during 16th to 18th August.
- **Bay of Bengal:** Squally weather with wind speed reaching 40-50 gusting to 60 kmph are very likely to prevail over Northwest & adjoining westcentral Bay of Bengal during 16th to 18th August. Sea condition is very likely to be rough to very rough over the region. Fishermen are advised not to venture into the Northwest & adjoining westcentral Bay of Bengal during 16th to 18th August.

Main Weather Observations:

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

❖ **Significant rainfall recorded(in cm)** (from 0830 hours IST of yesterday to 0530 hours IST of today): **Odisha:** Keonjhar (dist Kendujhar) 10, Paradip Port (dist Jagatsinghpur) 6.

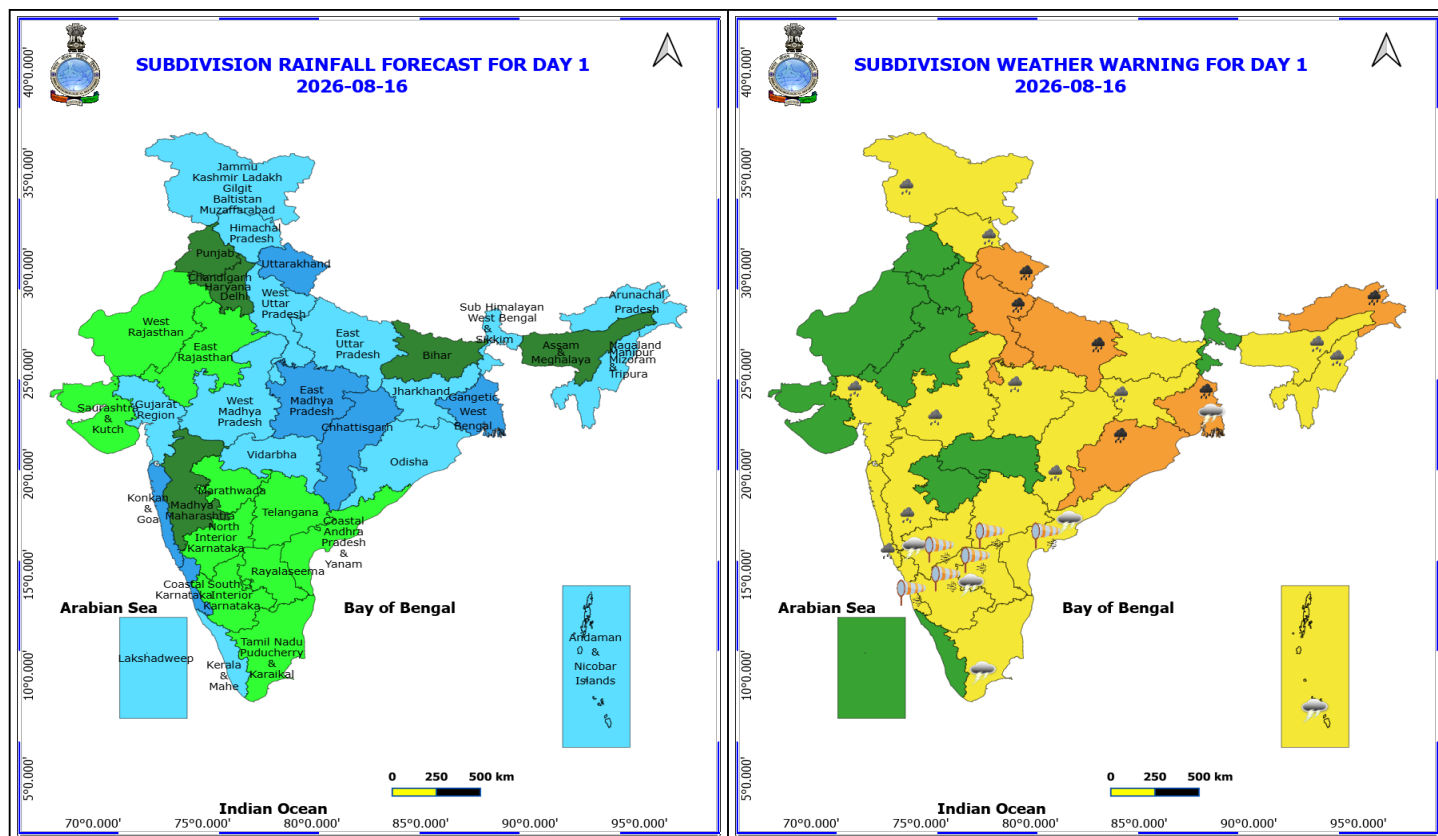
❖ **Heavy Rainfall observed** (from 0830 hours IST of yesterday to 0530 hours IST of today): **Heavy rain** at isolated places over Odisha

❖ **Minimum Temperature Departures (as on 15-08-2026): markedly above normal(> 5.1°C)** at few places over Assam & Meghalaya; at isolated places over Nagaland, Manipur, Mizoram & Tripura, Sub Himalayan West Bengal & Sikkim, Bihar, East Uttar Pradesh, West Uttar Pradesh, Himachal Pradesh, West Madhya Pradesh and Saurashtra & Kutch. **appreciably above normal(3.1°C to 5.0°C)** at few places over East Madhya Pradesh; at isolated places over Andaman & Nicobar Islands, Sub Himalayan West Bengal & Sikkim, Gangetic West Bengal, Odisha, Bihar, West Uttar Pradesh, Haryana-Chandigarh-Delhi, Himachal Pradesh, West Madhya Pradesh, Gujarat Region, Saurashtra & Kutch, Madhya Maharashtra, Coastal Andhra Pradesh & Yanam and Tamil Nadu, Puducherry & Karaikal. **above normal(1.6°C to 3.0°C)** at many places over Punjab; at most places over Arunachal Pradesh; at few places over Assam & Meghalaya, Sub Himalayan West Bengal & Sikkim, Bihar, Uttarakhand, Himachal Pradesh, East Rajasthan, Coastal Andhra Pradesh & Yanam and Rayalaseema; at isolated places over Gangetic West Bengal, Odisha, East Uttar Pradesh, West Uttar Pradesh, Haryana-Chandigarh-Delhi, West Madhya Pradesh, East Madhya Pradesh, Saurashtra & Kutch, Vidarbha and Tamil Nadu, Puducherry & Karaikal. **near normal(-1.5°C to 1.5°C)** at many places over Odisha, West Uttar Pradesh, Haryana-Chandigarh-Delhi, Himachal Pradesh, East Rajasthan, West Madhya Pradesh, Saurashtra & Kutch, Madhya Maharashtra, Coastal Andhra Pradesh & Yanam, Rayalaseema and Tamil Nadu, Puducherry & Karaikal; at most places over Andaman & Nicobar Islands, Nagaland, Manipur, Mizoram & Tripura, Gangetic West Bengal, Jharkhand, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, West Rajasthan, Gujarat Region, Konkan & Goa, Marathwada, Vidarbha, Chhattisgarh, Telangana, Coastal Karnataka, North Interior Karnataka, South Interior Karnataka, Kerala & Mahe and Lakshadweep; at few places over Assam & Meghalaya, Sub Himalayan West Bengal & Sikkim, Bihar, East Uttar Pradesh, Uttarakhand, Punjab and East Madhya Pradesh. **The lowest minimum temperature** of 16.0°C was reported at KHARGONE-OBS (MADHYA PRADESH) over the Plains of India.

❖ **Maximum Temperature Departures (as on 15-08-2026): markedly above normal(> 5.1°C)** at isolated places over Assam & Meghalaya. **appreciably above normal(3.1°C to 5.0°C)** at few places over Arunachal Pradesh; at isolated places over Nagaland, Manipur, Mizoram & Tripura, Sub Himalayan West Bengal & Sikkim, Bihar, East Uttar Pradesh, Coastal Andhra Pradesh & Yanam, Telangana, Rayalaseema and Tamil Nadu, Puducherry & Karaikal. **above normal(1.6°C to 3.0°C)** at many places over Uttarakhand; at few places over West Uttar Pradesh, Himachal Pradesh, Konkan & Goa and Kerala & Mahe; at isolated places over Odisha, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, West Madhya Pradesh, Gujarat Region, Saurashtra & Kutch, North Interior Karnataka and South Interior Karnataka. **near normal(-1.5°C to 1.5°C)** at many places over Andaman & Nicobar Islands, Jharkhand and Vidarbha; at most places over Gangetic West Bengal, Haryana-Chandigarh-Delhi, Punjab, West Rajasthan, East Rajasthan, Madhya Maharashtra, Marathwada, Chhattisgarh, Coastal Karnataka and Lakshadweep; at few places over East Madhya Pradesh. **The highest maximum temperature** of 39.5°C was reported at KOVILANGULAM (TAMIL NADU).

Meteorological Analysis (Based on 0530 hours IST)

- Under the influence of the **upper air cyclonic circulation** over Northwest Bay of Bengal, a **low pressure area** has formed over Northwest Bay of Bengal and adjoining West Bengal-North Odisha coasts at 0530 hrs IST of today, 16th August, 2026. The associated cyclonic circulation extends upto 7.6 km above mean sea level tilting southwestwards with height. It is very likely to move northwestwards and become more marked during next 24 hours.
- The **Monsoon trough** at mean sea level now passes through Ferozepur, Bareilly, Lucknow, Jamshedpur, centre of Low Pressure Area over Northwest Bay of Bengal and adjoining West Bengal-North Odisha coasts & thence southeastwards to Eastcentral Bay of Bengal.
- The **Shear Zone** roughly along Lat. 22°N across central & adjoining north Peninsular India between 5.8 & 7.6 km above mean sea level persists.
- The **upper air cyclonic circulation** over southwest Rajasthan & neighbourhood at 3.1 km above mean sea level persists.
- An **upper air cyclonic circulation** lies over North Haryana & neighbourhood at 0.9 km above mean sea level.
- The **upper air cyclonic circulation** over central Assam & neighbourhood at 1.5 km above mean sea level has become less marked.
- The **upper air cyclonic circulation** over southeast Jharkhand & neighbourhood extending upto 4.5 km above mean sea level has become less marked.



16 August (Day 1)

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

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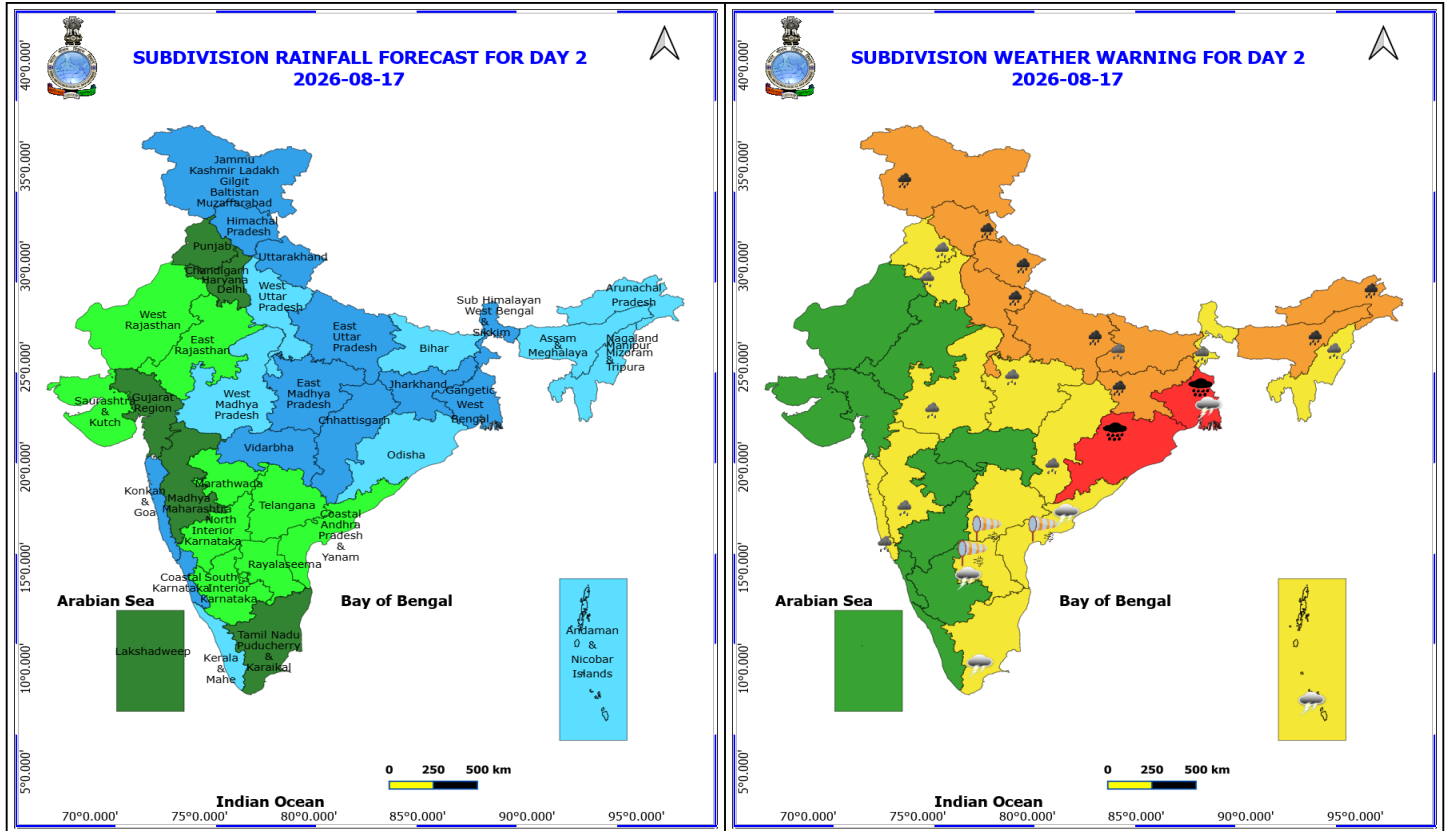
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southwest Bay of Bengal adjoining south Sri Lanka coast, few parts of Comorin area.

❖ Squally Weather with wind speed 40-50 kmph gusting to 60 kmph is likely to prevail along and off West Bengal, Odisha, North Andhra Pradesh and Bangladesh coasts, over northwest adjoining some parts of westcentral Bay of Bengal and over Andaman



17 August (Day 2)

- ❖ **Heavy to Very Heavy Rainfall with isolated Extremely Heavy Rainfall** very likely at isolated places over Gangetic West Bengal and Odisha.
- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, Uttar Pradesh and Uttarakhand.
- ❖ **Heavy Rainfall** very likely at isolated places over Bihar, Chhattisgarh, Haryana, Chandigarh & Delhi, Konkan & Goa, Madhya Maharashtra, Madhya Pradesh, Nagaland, Manipur, Mizoram and Tripura, Punjab and Sub Himalayan West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Andaman & Nicobar Islands, Andhra Pradesh, Gangetic West Bengal and Tamil Nadu Puducherry & Karaikal.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, Madhya Pradesh, Odisha, Sub Himalayan West Bengal & Sikkim and Telangana.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Bihar, Chhattisgarh, Nagaland, Manipur, Mizoram and Tripura 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 along and off Gujarat, Somalia and Oman coasts, most parts of westcentral adjoining some parts of southwest, north and eastcentral Arabian Sea.

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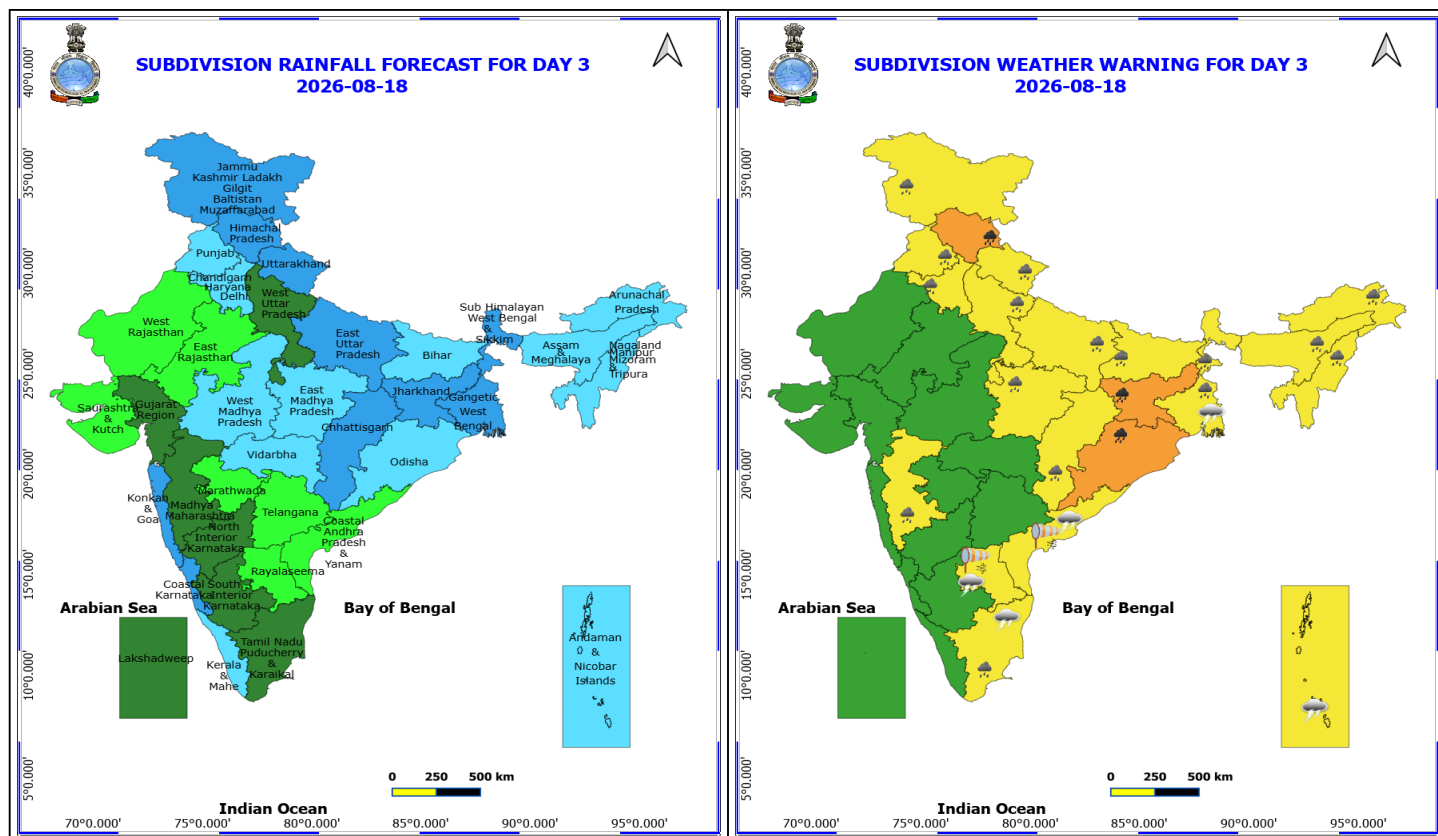
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❖ **Bay of Bengal:** Squally wind with speed 45-55 kmph gusting to 65 kmph is likely to prevail over few parts of southwest Bay of Bengal adjoining south Sri Lanka coast, few parts of Comorin area.

❖ Squally Weather with wind speed 40-50 kmph gusting to 60 kmph is likely to prevail along and off West Bengal, Odisha, North Andhra Pradesh and Bangladesh coasts, over northwest adjoining some parts of northeast, and central, Bay of Bengal and over Andaman Sea.



18 August (Day 3)

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

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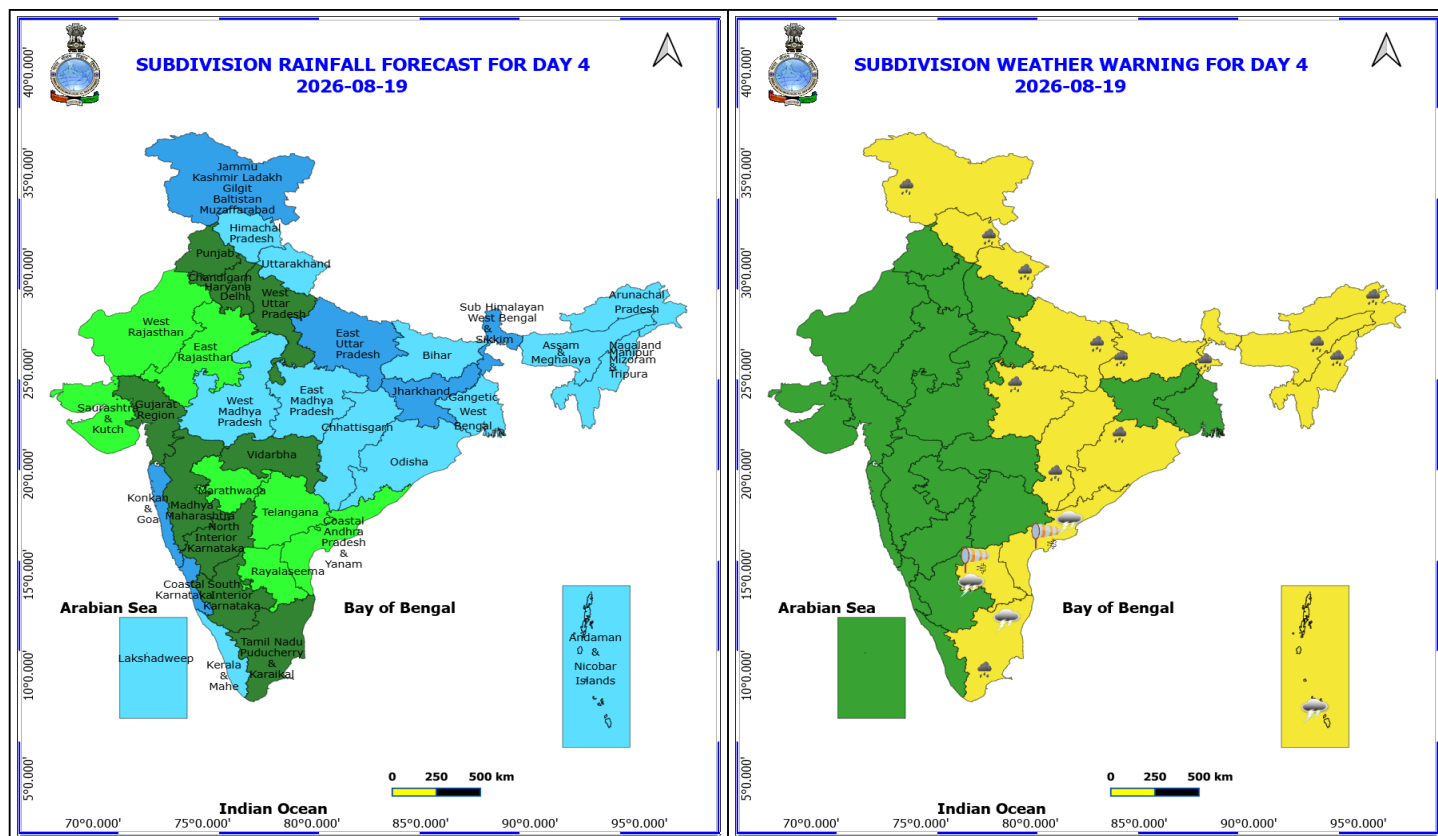
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❖ Squally Weather with wind speed 40-50 kmph gusting to 60 kmph is likely to prevail along and off West Bengal, Odisha, and Bangladesh coasts and off North Andhra Pradesh coast, over northwest adjoining some parts of northeast, and few parts of central, Bay of Bengal and over Andaman Sea.



19 August (Day 4)

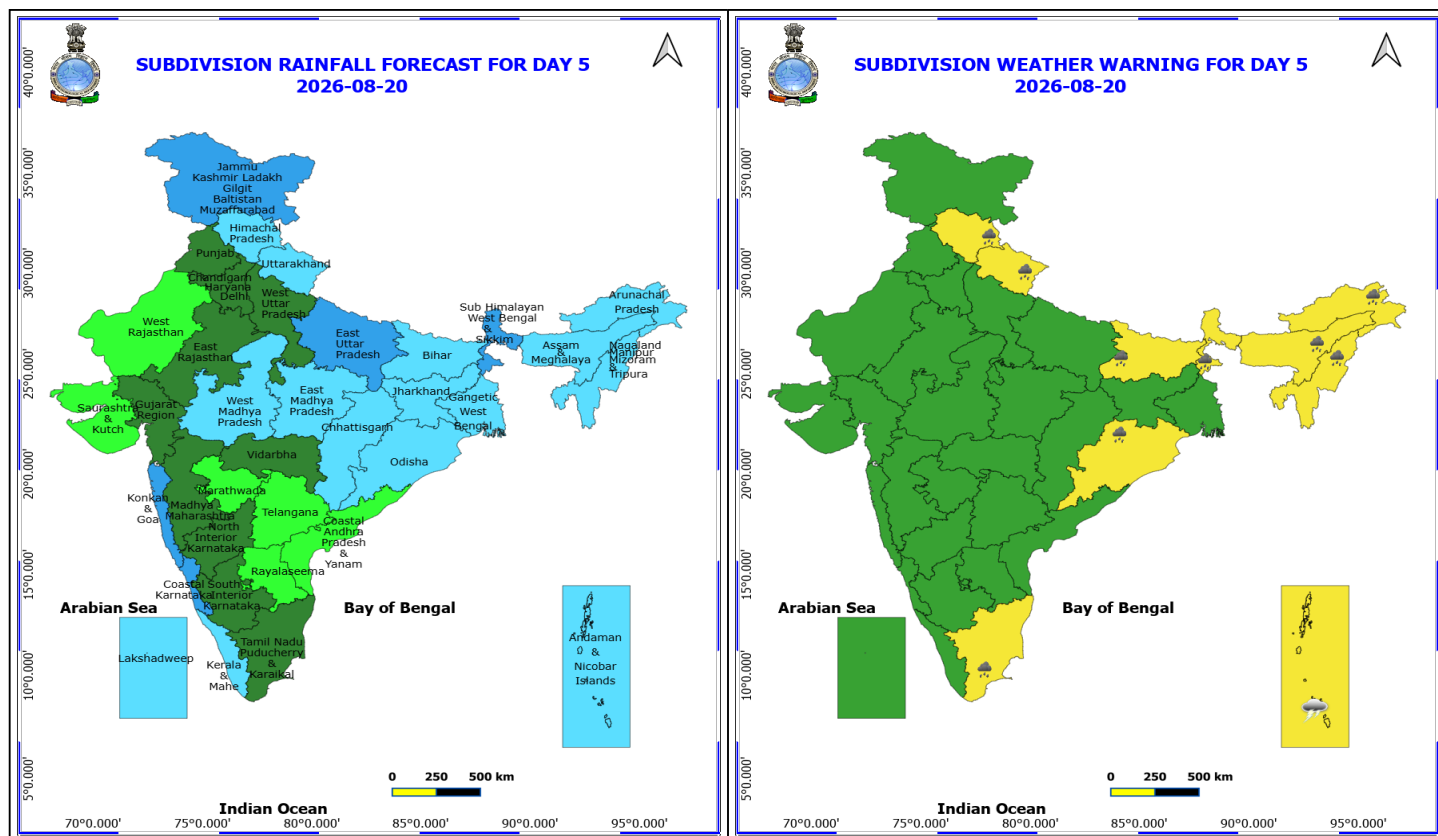
- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Bihar, Chhattisgarh, East Madhya Pradesh, East Uttar Pradesh, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Nagaland, Manipur, Mizoram and Tripura, Odisha, Sub Himalayan West Bengal & Sikkim,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

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20 August (Day 5)

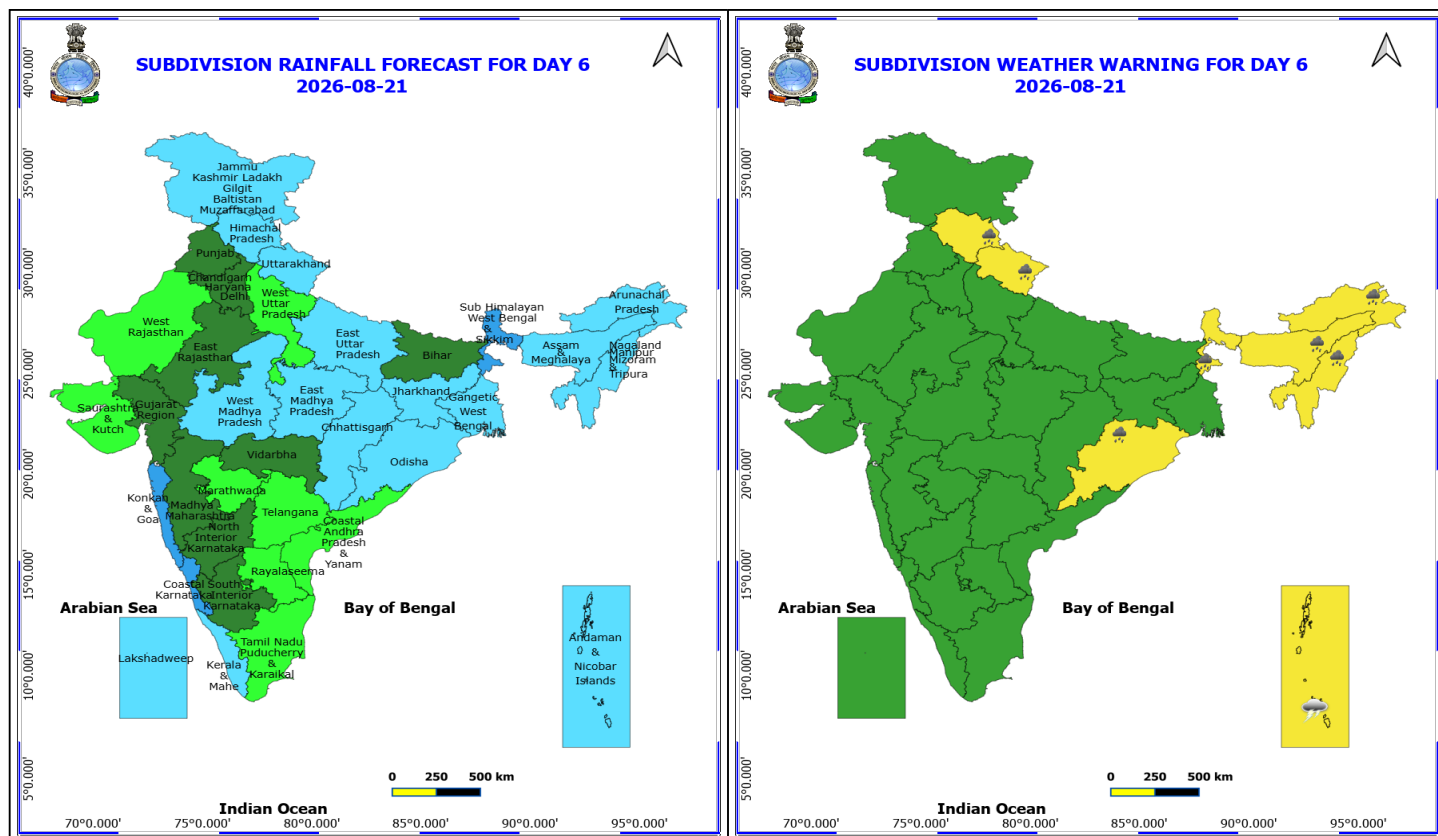
- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Bihar, Himachal Pradesh, Nagaland, Manipur, Mizoram and Tripura, Odisha, Sub Himalayan West Bengal & Sikkim, Tamil Nadu Puducherry & Karaikal and Uttarakhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Uttarakhand.
- ❖ **Arabian Sea:** Squally wind with speed 45-55 kmph gusting to 65 kmph is likely to prevail along and off Somalia and Oman coast, most parts of westcentral adjoining some parts of southwest and few parts of north & eastcentral Arabian Sea.
- ❖ **Bay of Bengal:** Squally wind with speed 45-55 kmph gusting to 65 kmph is likely to prevail over few parts of southwest Bay of Bengal adjoining south Sri Lanka coast, few parts of Comorin area

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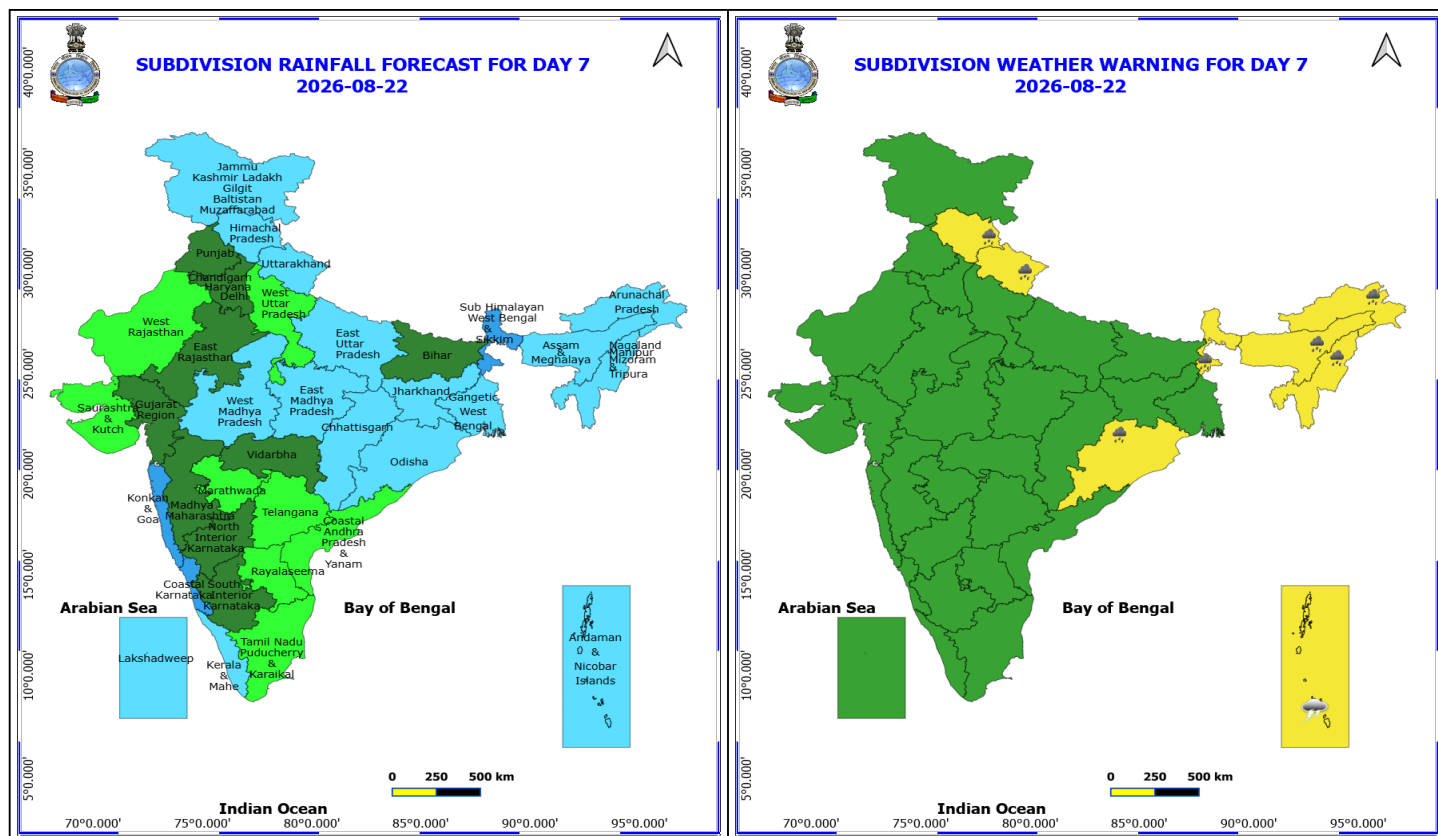
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21 August (Day 6)

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

No Fishermen Warning



22 August (Day 7)

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

No Fishermen Warning

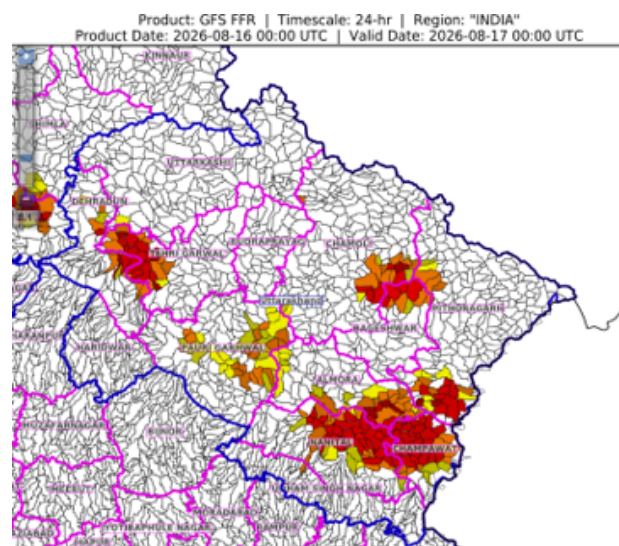
Flash Flood Warnings

24 hours Outlook for the Flash Flood Risk (FFR) till 0530 IST of 17-08-2026 :

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

Uttarakhand - Almora, Chamoli, Champawat, Dehradun, Garhwal Pauri, Garhwal Tehri, Nainital and Pithoragarh 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.



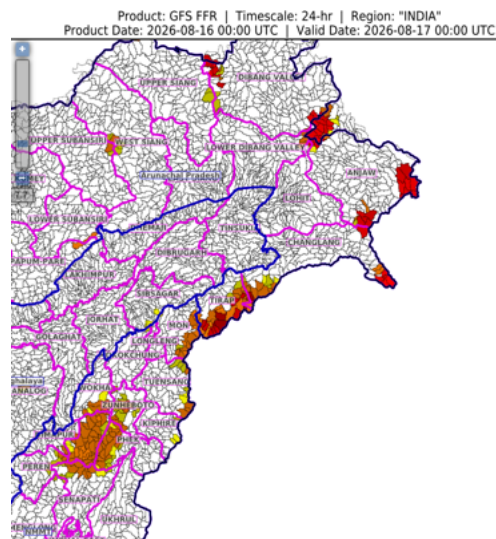
24 hours Outlook for the Flash Flood Risk (FFR) till 0530 IST of 17-08-2026 :

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

Arunachal Pradesh - Anjaw, Changlang, Dibang Valley, East Kameng, Lower Dibang Valley, Lower Subansiri, Tirap, Upper Siang and West Siang districts.

Nagaland Mizoram Manipur Tripura(NMMT) - Senapati, Mamit, Mon, Tuensang, Wokha and Zunheboto 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	16- Aug	17- Aug	18- Aug	19- Aug	20- Aug	21- Aug	22- Aug
		Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
1	ANDAMAN & NICOBAR ISLANDS	FWS	FWS	FWS	FWS	FWS	FWS	FWS
2	ARUNACHAL PRADESH	FWS	FWS	FWS	FWS	FWS	FWS	FWS
3	ASSAM & MEHGHALAYA	SCT	FWS	FWS	FWS	FWS	FWS	FWS
4	N. M. M. & T.	FWS	FWS	FWS	FWS	FWS	FWS	FWS
5	S.H. WEST BENGAL & SIKKIM	FWS	WS	WS	WS	WS	WS	WS
6	GANGETIC WEST BENGAL	WS	WS	WS	FWS	FWS	FWS	FWS
7	ODISHA	FWS	FWS	FWS	FWS	FWS	FWS	FWS
8	JHARKHAND	FWS	WS	WS	WS	FWS	FWS	FWS
9	BIHAR	SCT	FWS	FWS	FWS	FWS	SCT	SCT
10	EAST UTTAR PRADESH	FWS	WS	WS	WS	WS	FWS	FWS
11	WEST UTTAR PRADESH	FWS	FWS	SCT	SCT	SCT	ISOL	ISOL
12	UTTARAKHAND	WS	WS	WS	FWS	FWS	FWS	FWS
13	HARYANA, CHD & DELHI	SCT	SCT	FWS	SCT	SCT	SCT	SCT
14	PUNJAB	SCT	SCT	FWS	SCT	SCT	SCT	SCT
15	HIMACHAL PRADESH	FWS	WS	WS	FWS	FWS	FWS	FWS
16	JAMMU AND KASHMIR AND LADAKH	FWS	WS	WS	WS	WS	FWS	FWS
17	WEST RAJASTHAN	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
18	EAST RAJASTHAN	ISOL	ISOL	ISOL	ISOL	SCT	SCT	SCT
19	WEST MADHYA PRADESH	FWS	FWS	FWS	FWS	FWS	FWS	FWS
20	EAST MADHYA PRADESH	WS	WS	FWS	FWS	FWS	FWS	FWS
21	GUJRAT REGION	FWS	SCT	SCT	SCT	SCT	SCT	SCT
22	SAURASHTRA & KUTCH	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
23	KONKAN & GOA	WS	WS	WS	WS	WS	WS	WS
24	MADHYA MAHARASHTRA	SCT	SCT	SCT	SCT	SCT	SCT	SCT
25	MARATHWADA	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
26	VIDARBHA	FWS	WS	FWS	SCT	SCT	SCT	SCT
27	CHATTISGARH	WS	WS	WS	FWS	FWS	FWS	FWS
28	COASTAL ANDHRA PRADESH	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
29	TELANGANA	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
30	RAYALASEEMA	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
31	TAMILNADU & PUDUCHERRY	ISOL	SCT	SCT	SCT	SCT	ISOL	ISOL
32	COSTAL KARNATAKA	WS	WS	WS	WS	WS	WS	WS
33	NORTH INTERIOR KARNATAKA	ISOL	ISOL	SCT	SCT	SCT	SCT	SCT
34	SOUTH INTERIOR KARNATAKA	ISOL	ISOL	SCT	SCT	SCT	SCT	SCT
35	KERALA	FWS	FWS	FWS	FWS	FWS	FWS	FWS
36	LAKSHDWEEP	FWS	SCT	SCT	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 2026-08-15

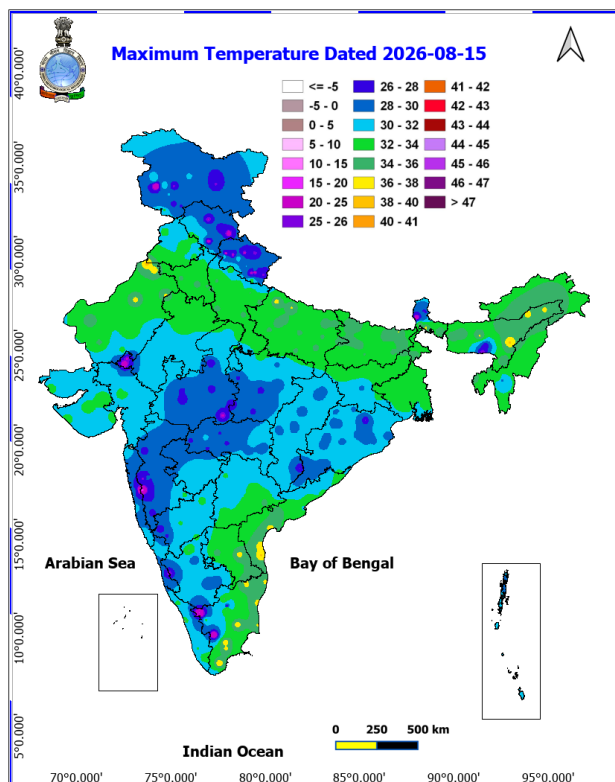


Fig. 2: Departure of Maximum Temp. Dated 2026-08-15

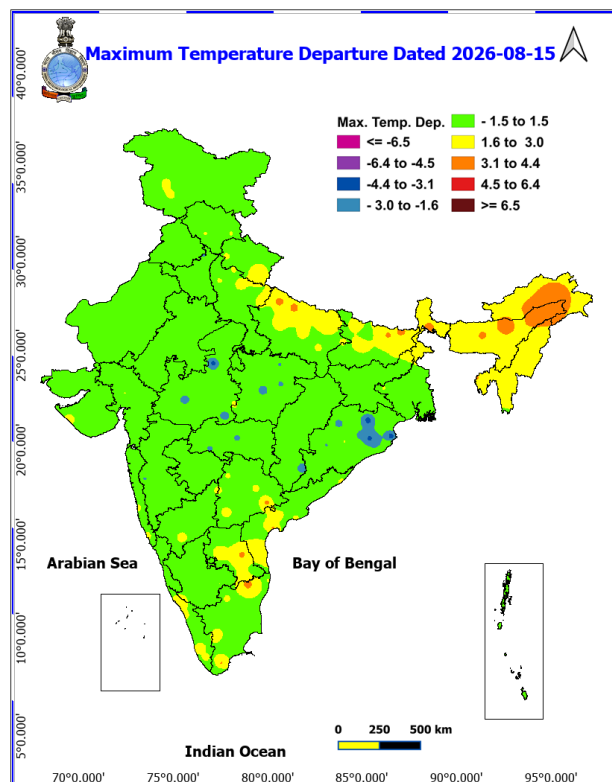


Fig. 3: Minimum Temperatures Dated 2026-08-15

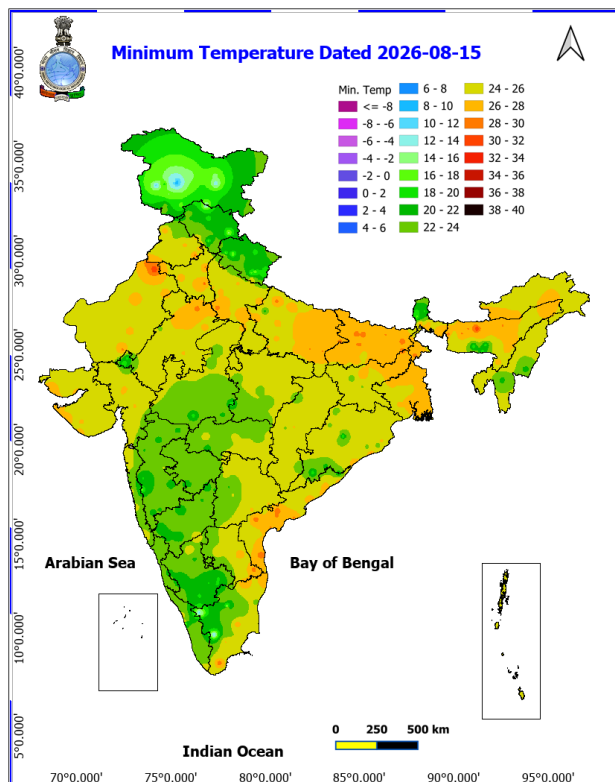
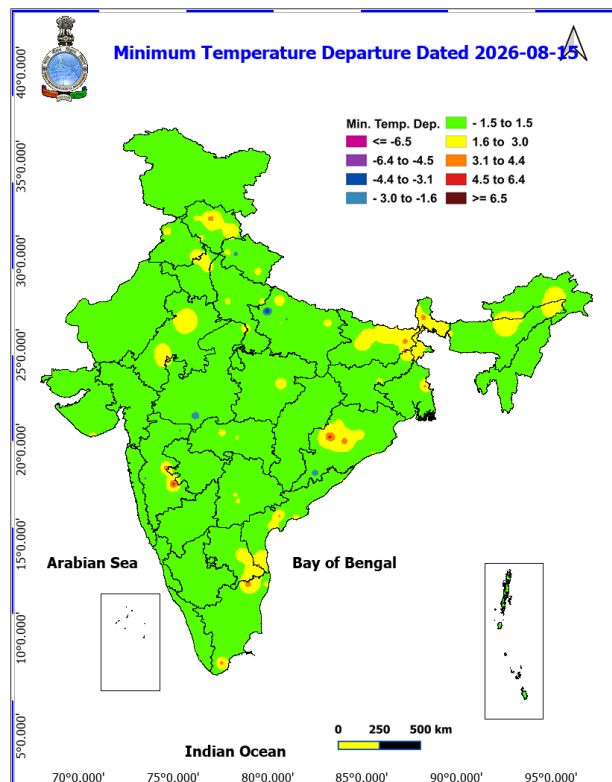
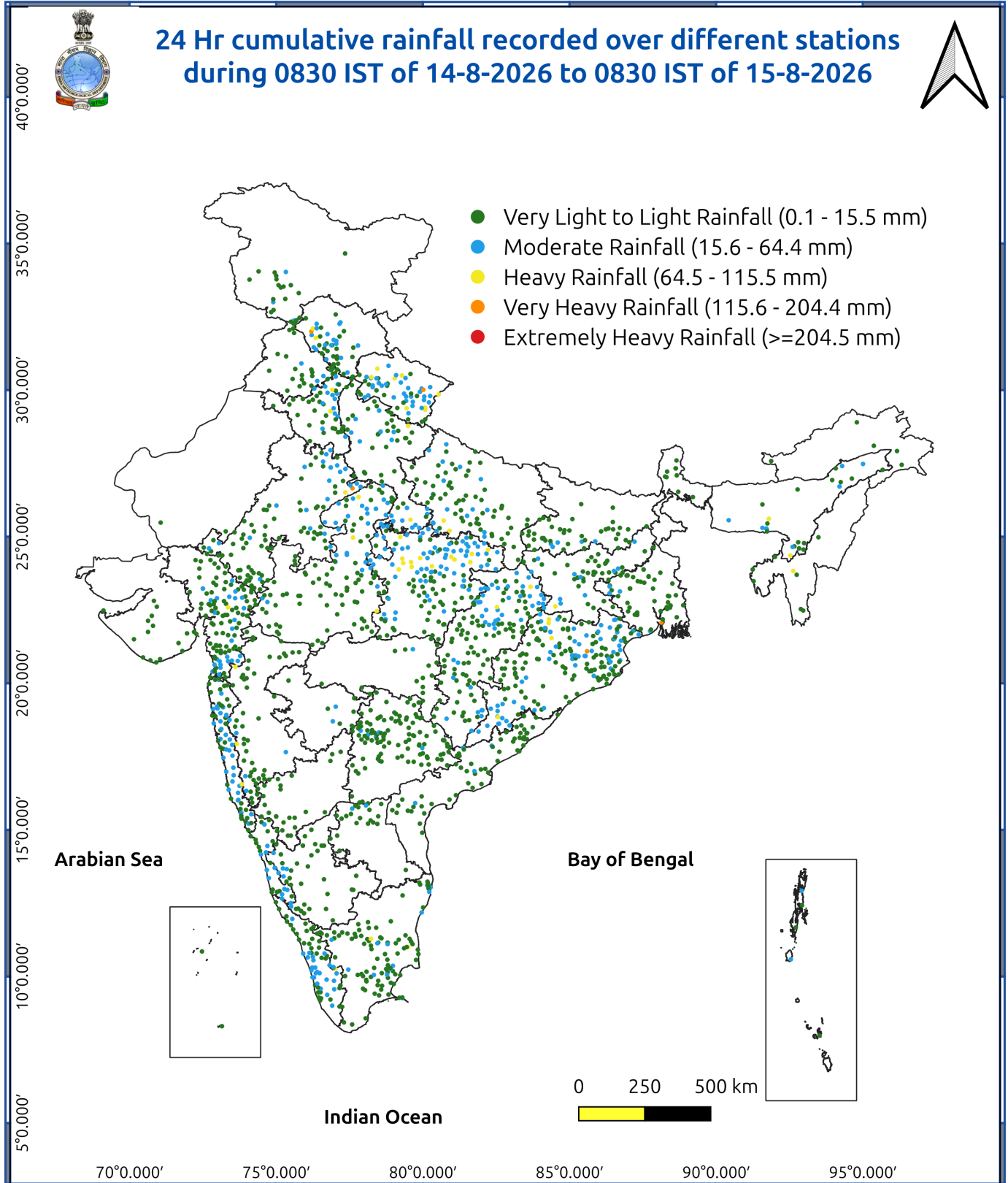


Fig. 4: Departure of Minimum Temp. Dated 2026-08-15





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Impact and Actions

Impact Expected and Action Suggested due to very heavy rainfall:

- **Isolated extremely heavy rainfall** over north Odisha and Gangetic West Bengal on 17th August, 2026.
- **Moderate to severe lightning activity** over Bihar on 17th August.

Impact expected:

- Breaking of tree branches, uprooting of small trees like banana, papaya, drum sticks. Strong wind and rain may damage plantation, horticulture and standing crops.
- Partial damage to vulnerable structures due to strong winds and rain.
- Minor damage to kutcha houses/walls, huts and roads due to heavy rain.
- Loose objects may fly.
- Small ships, trawlers and boats may be affected.
- Road and rail traffic may be affected due to heavy rain and squally winds.
- There could be localised landslides, mudslides, landslips, water logging, inundation and flooding over low lying areas.
- Occasional reduction in visibility due to heavy rainfall.
- Helicopter services may get affected.

Action suggested:

- People are advised to keep a watch on the weather for worsening conditions and be ready to move to safer places accordingly.
- Take safe shelters; do not take shelter under trees, as there could be lightning.
- In case of expected lightning, unplug electrical/ electronic appliances, immediately, get out of water bodies and keep away from all the objects that conduct electricity.
- Tourism and recreational activities to be regulated.
- Onshore and offshore activities to be judiciously regulated.
- Helicopter services to be regulated.

Agromet advisories for various parts of the country

Agromet advisories for likely impact of Heavy Rainfall

- In **Arunachal Pradesh**, ensure proper drainage and remove excess water from rice, maize, soybean and finger millet fields. Clear mud and debris from affected crops and maintain drainage in vegetable fields and orchards. Harvest mature cucumbers, bottle gourds and other cucurbits wherever possible and provide firm support to vines and banana plants to prevent lodging.
- In **Uttarakhand**, maintain proper and effective drainage in rice, soybean, maize, red gram, ginger, garlic, barnyard millet, finger millet, tomato and other standing crop fields. Continue rice transplanting only where field conditions permit and delay sowing of groundnut, soybean and maize until conditions become suitable. Harvest mature tomato, French bean and potato and keep the produce in a safe, dry place.
- In **Odisha**, ensure continuous and effective drainage of excess water from *kharif* rice, maize, pulses, cotton, red gram, banana, vegetable fields and nursery beds. Keep field drains, outlets and bunds clear and functional. In waterlogged areas, postpone sowing/re-sowing of maize and green gram and prevent water stagnation in pearl millet. Protect vegetable nurseries with polythene sheets and Provide staking to vegetables, propping to banana, papaya and young horticultural plants. Maintain emergency outlets in transplanted rice fields to prevent prolonged submergence of seedlings.
- In **Gangetic West Bengal**, ensure proper drainage in transplanted *Aman* paddy, jute, rice nurseries and vegetable fields and promptly remove excess water from low-lying areas. Keep drainage channels clear and strengthen bunds around rice nurseries to prevent flooding. Postpone fertilizer and pesticide application until field conditions improve. Harvest mature crops, tea leaves and vegetables wherever field conditions permit and keep the produce in a safe, dry place.

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- In **Jharkhand**, ensure proper drainage of excess water from crop fields and postpone fertilizer and pesticide application during wet conditions.
- In **Assam**, maintain proper drainage and keep field channels clear in rice, sugarcane, soybean, pigeon pea, jute, sesame and vegetable fields and orchards. Remove excess water promptly from low-lying fields and prevent water stagnation in sugarcane. Complete rice transplanting only where field conditions permit and postpone sowing of sesame, green gram and black gram in waterlogged fields.
- In **Meghalaya**, maintain continuous drainage in rice nursery beds and fields of maize, cowpea, okra and ginger and keep drainage channels free from obstruction. Strengthen nursery bunds to prevent runoff and seedling washout and avoid standing water around the crop root zone. Provide staking or trellising to cowpea and support other vulnerable horticultural crops to prevent lodging.
- In **Nagaland, Manipur, Mizoram and Tripura**, maintain proper drainage in standing crop fields and prevent water stagnation in rice, soybean, black gram, ginger, turmeric, cole crops and vegetables.
- In **Jammu and Kashmir**, maintain proper drainage in fields of maize, green gram, black gram and vegetables to prevent waterlogging. Postpone irrigation in transplanted rice. Undertake harvesting of mature cobs of early-sown maize crop and keep the produce at safer place.
- In **Himachal Pradesh**, Maintain proper drainage in rice, maize, finger millet, tomato, brinjal, capsicum, chilli. Carry out harvesting of pea pods and vegetables (tomato, capsicum, brinjal, etc.) wherever possible and keep harvested produce in a safe place.
- In **Uttar Pradesh**, maintain proper drainage to remove excess rainwater from pigeon pea, maize, groundnut, sesame, rice, vegetable and other standing crop fields, particularly from low-lying areas prone to waterlogging.
- In **Haryana**, ensure proper field drainage in standing crop fields to prevent waterlogging and promptly remove excess rainwater from crop fields and orchards.
- In **Punjab**, maintain proper drainage in the sugarcane field to avoid water stagnation. After heavy rains if water stagnates in the maize fields, drain out the excessive water to keep the plants free from bacterial stalk rot.
- In **Madhya Pradesh**, ensure proper drainage in soybean, maize, pigeon pea, black gram, green gram, sesame, sorghum and vegetable fields to prevent waterlogging.
- In **Chhattisgarh**, maintain continuous and effective drainage in rice, soybean, maize, pigeon pea, black gram, green gram, minor millets and vegetable fields, particularly in low-lying areas. Strengthen field bunds and drainage channels and postpone fertilizer and plant protection operations until field conditions improve.
- In **Konkan and Goa**, maintain proper drainage to drain out excess rainwater from rice, finger millet, turmeric, groundnut, vegetable fields and orchards to prevent water stagnation.
- In **Madhya Maharashtra**, in *Ghat* areas, drain out excess rainwater from rice, finger millet and vegetable fields. Postpone intercultural operations, fertilizer application and plant protection measures until field conditions become suitable.

Agromet advisories for likely impact of Thunderstorm / Gusty Winds

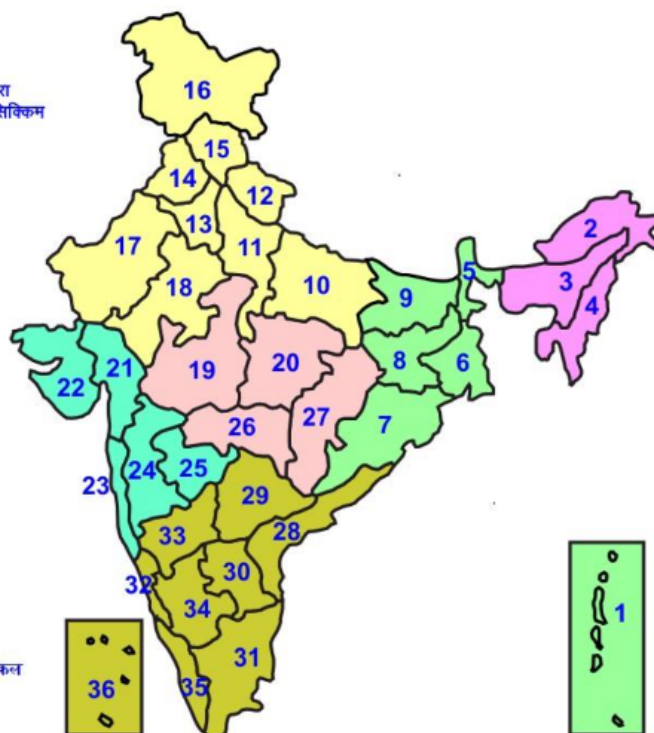
- Shift the harvested produce in safer places or cover the produce with tarpaulin sheets in the fields. Tie the harvested crops securely and cover them to minimize the risk of displacement from strong surface winds.
- Provide mechanical support to horticultural crops and staking or support to vegetables 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.
- Construct an outlet with proper netting around the ponds to drain excess water, thereby preventing fish from escaping in the event of overflow.

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. Marathwada
26. Vidharbha
27. Chhattisgarh
28. Coastal Andhra Pradesh & Yanam
29. Telangana
30. Rayalaseema
31. Tamilnadu, Puducherry & Karaikal
32. Coastal Karnataka
33. North Interior Karnataka
34. South Interior Karnataka
35. Kerala & Mahe
36. Lakshadweep

SPATIAL DISTRIBUTION (% of Stations reporting)

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

Subdivision Colour

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

Probabilistic Forecast

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

-  Heavy Rain

 Thunderstorm & Lightning

 Strong surface winds

 Cold Wave

 Hot & Humid

 Very Heavy Rain

 Hailstorm

 Heat Wave

 Cold Day

 Extremely Heavy Rain

 Dust Storm

 Hot Day

 Ground Frost

 Heavy Snow

 Dust Raising Winds

 Warm Night

 Fog

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LEGENDS

WARNING

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

Probabilistic Forecast

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



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



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

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

(b). Based on Actual maximum temperature

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

(c). Criteria for heat wave for coastal stations

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



When maximum temperature remains 40°C

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



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

(a). Based on departure

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

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

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

(c) For Coastal Stations

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



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

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



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

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



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



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



Ice deposits on ground

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



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

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



Effect of various waves in the sea over specific area

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



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

Severe Cyclonic Storm: Wind speed 88-117 kmph (48-63 knots)

Very Severe Cyclonic Storm: Wind speed 118-165 kmph (64-89 knots)

Extremely Severe Cyclonic Storm: Wind speed 166-220 kmph (90-119 knots)

Super Cyclone Storm: Wind speed > 220 kmph (> 119 knots)

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