

2026-07-20

Time of Issue: 20:45:00 hours IST
(Night)

ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN

Significant Weather Features

Weather forecast and Warnings:

Northwest India:

- **Fairly Widespread to Widespread** rainfall likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 20th-24th July; Himachal Pradesh and Uttarakhand during 20th-26th July.
- **Fairly Widespread to Widespread** rainfall likely over East Uttar Pradesh, Haryana Chandigarh & Delhi and Punjab during 20th-23rd July; West Uttar Pradesh during 20th-24th July; East Rajasthan during 23rd-26th July.
- **Isolated to Scattered** rainfall likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 25th-26th July.
- **Isolated to Scattered** rainfall likely over East Uttar Pradesh, Haryana Chandigarh & Delhi and Punjab during 24th-26th July; West Uttar Pradesh during 25th-26th July; West Rajasthan during 20th-26th July; East Rajasthan during 20th-22nd July.
- **Isolated thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 20th-26th July.
- **Isolated thunderstorm, lightning & gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over West Rajasthan during 20th-24th July; East Rajasthan during 20th-25th July.
- **Isolated thunderstorm & lightning** likely over Uttarakhand during 20th-26th July; West Uttar Pradesh during 20th-22nd July; East Uttar Pradesh during 20th-21st July; West Rajasthan during 25th-26th July; East Rajasthan on 26th July.
- **Isolated heavy rainfall** likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 20th-21st July; Himachal Pradesh during 20th-21st July and during 23rd-25th July; Uttarakhand on 20th July and during 22nd-26th July; Haryana Chandigarh & Delhi and Punjab on 23rd July; West Uttar Pradesh during 23rd-25th July; East Uttar Pradesh during 22nd-24th July; West Rajasthan during 20th-24th July; East Rajasthan during 20th-25th July with isolated **very heavy rainfall** also likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 22nd-23rd July; Himachal Pradesh on 22nd July; Uttarakhand on 21st July; Haryana Chandigarh & Delhi, Punjab and West Uttar Pradesh during 20th-22nd July; East Uttar Pradesh during 20th-21st July.
- **Heavy to very heavy rainfall at few places with extremely heavy rainfall likely at isolated places over Jammu-Kashmir, Himachal Pradesh, Uttar Pradesh and Uttarakhand on 20th July.**

Central India:

- **Isolated to Scattered** rainfall likely over West Madhya Pradesh during 20th-21st July and during 25th-26th July; Vidarbha during 25th-26th July.
- **Fairly Widespread to Widespread** rainfall likely over West Madhya Pradesh during 22nd-24th July; Chhattisgarh and East Madhya Pradesh during 20th-26th July; Vidarbha during 20th-24th July.
- **Isolated thunderstorm, lightning & gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over West Madhya Pradesh during 20th-24th July; East Madhya Pradesh during 20th-21st July.
- **Isolated thunderstorm & lightning** likely over East Madhya Pradesh during 22nd-24th July; Vidarbha during 20th-22nd July; Chhattisgarh during 20th-24th July.
- **Isolated heavy rainfall** likely over West Madhya Pradesh during 20th-23rd July; East Madhya Pradesh on 20th July and during 22nd-23rd July; Vidarbha on 23rd July; Chhattisgarh during 20th-26th July with isolated **very heavy rainfall** also likely over East Madhya Pradesh on 21st July.

East India:

- **Isolated to Scattered** rainfall likely over Andaman & Nicobar Islands on 20th July and during 23rd-26th July; Bihar during 23rd-26th July; Odisha during 20th-26th July.
- **Fairly Widespread to Widespread** rainfall likely over Andaman & Nicobar Islands during 21st-22nd July; Gangetic West Bengal, Jharkhand and Sub-Himalayan West Bengal & Sikkim during 20th-26th July; Bihar

*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)

during 20th-22nd July.

- Isolated **thunderstorm, lightning & gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Andaman & Nicobar Islands and Bihar during 20th-26th July; Jharkhand and Odisha during 20th-24th July.
- Isolated **thunderstorm & lightning** likely over Sub-Himalayan West Bengal & Sikkim during 20th-26th July; Gangetic West Bengal during 20th-24th July.
- Isolated **heavy rainfall** likely over Jharkhand and Sub-Himalayan West Bengal & Sikkim on 21st July; Bihar and during 20th-23rd July; Gangetic West Bengal on 20th, 22nd & 23rd July, Odisha during 20th-22nd July; isolated **very heavy rainfall** also likely over Jharkhand and Sub-Himalayan West Bengal & Sikkim on 20th July; Bihar on 21st July.
- **Heavy to very heavy rainfall at few places with extremely heavy rainfall likely at isolated places over Bihar on 20th July.**

Northeast India:

- **Fairly Widespread to Widespread** rainfall likely over Arunachal Pradesh during 20th-21st July and on 26th July; Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during 20th-26th July.
- **Isolated to Scattered** rainfall likely over Arunachal Pradesh during 22nd-25th July.
- Isolated **thunderstorm & lightning** likely over Nagaland, Manipur, Mizoram & Tripura during 20th-24th July.
- Isolated **heavy rainfall** likely over Arunachal Pradesh during 20th-21st July and during 25th-26th July; Assam & Meghalaya on 20th July and during 22nd-26th July; Nagaland, Manipur, Mizoram & Tripura during 22nd-24th July with isolated **very heavy rainfall** also likely over Assam & Meghalaya on 21st July; Nagaland, Manipur, Mizoram & Tripura during 20th-21st July.
- **Heavy to very heavy rainfall at few places with extremely heavy rainfall likely at isolated places over Assam & Meghalaya on 20th July.**

West India:

- **Fairly Widespread to Widespread** rainfall likely over Konkan & Goa during 20th-26th July; Madhya Maharashtra during 22nd-23rd July; Gujarat Region during 25th-26th July.
- **Isolated to Scattered** rainfall likely over Madhya Maharashtra during 20th-21st July and during 24th-26th July; Marathawada and Saurashtra & Kutch during 20th-26th July; Gujarat Region during 20th-24th July.
- Isolated **thunderstorm & lightning** likely over Madhya Maharashtra and Marathawada on 20th July.
- Isolated **heavy rainfall** likely over Konkan & Goa and Madhya Maharashtra on 20th July and during 23rd-25th July; Gujarat Region during 21st-22nd July and during 25th-26th July with isolated **very heavy rainfall** also likely over Konkan & Goa and Madhya Maharashtra during 21st-22nd July; Gujarat Region on 20th July.

South Peninsular India:

- **Isolated to Scattered** rainfall likely over Coastal Andhra Pradesh & Yanam, North Interior Karnataka, Rayalaseema and Tamil Nadu, Puducherry & Karaikal during 20th-26th July; Kerala & Mahe and Lakshadweep during 21st-23rd July; South Interior Karnataka and Telangana during 21st-26th July.
- **Fairly Widespread to Widespread** rainfall likely over Kerala & Mahe and Lakshadweep on 20th July and during 24th-26th July; Coastal Karnataka during 20th-26th July; South Interior Karnataka and Telangana on 20th July.
- Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Tamil Nadu, Puducherry & Karaikal during 20th-24th July; North Interior Karnataka on 20th July; Coastal Andhra Pradesh & Yanam during 20th-22nd July; Rayalaseema during 20th-21st July, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Coastal Karnataka and Kerala & Mahe on 20th July; North Interior Karnataka during 21st-24th July; South Interior Karnataka during 20th-24th July; Coastal Andhra Pradesh & Yanam during 23rd-24th July; Rayalaseema during 22nd-26th July; Telangana during 20th-26th July.
- Isolated **heavy rainfall** likely over Coastal Andhra Pradesh & Yanam, Coastal Karnataka, Kerala & Mahe, North Interior Karnataka, Rayalaseema, South Interior Karnataka and Telangana on 20th July.
- Strong Surface Winds likely over Coastal Karnataka on 20th July; Coastal Andhra Pradesh & Yanam, North Interior Karnataka and South Interior Karnataka during 20th-24th July; Rayalaseema and Telangana during 20th-26th July.

***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)

Fishermen Warning:

Fishermen are advised not to venture:

- **Arabian Sea:** Along and off Somalia and Oman coast over most parts of west central adjoining some parts of eastcentral, southwest & north Arabian Sea during 20th to 25th July, along and off south Gujarat and north Maharashtra coasts on 20th July, along and off Gujarat and north Maharashtra Coasts during 21st to 24th July.
- **Bay of Bengal:** Along and off Andhra Pradesh Coast adjoining some parts of west central Bay of Bengal during 20th to 22nd July and over some parts west central Bay of Bengal on 23rd July, over few parts of Gulf of Mannar during 20th to 25th July and south Sri Lanka coasts adjoining southwest Bay of Bengal on 20th July and during 23rd to 25th July.

Main Weather Observations:

❖ **Rainfall distribution** (from 0830 hours IST to 1730 hours IST of today): **at most places** over Konkan & Goa, Nagaland, Manipur, Mizoram & Tripura, Jammu & Kashmir and Ladakh, Sub-himalayan West Bengal & Sikkim, West Uttar Pradesh, East Madhya Pradesh, East Uttar Pradesh and Himachal Pradesh; **at many places** over Madhya Maharashtra, Odisha, Uttarakhand, Assam & Meghalaya, Jharkhand, West Madhya Pradesh, Haryana Chandigarh & Delhi, Punjab, East Rajasthan, Arunachal Pradesh, Gujarat Region, Gangetic West Bengal, Vidarbha, Chhattisgarh, Bihar, Saurashtra & Kutch, Coastal Andhra Pradesh & Yanam, Marathwada, Andaman & Nicobar Islands, Kerala & Mahe, Telangana, Rayalaseema, Tamilnadu Puducherry & Karaikal, Coastal Karnataka, North Interior Karnataka, South Interior Karnataka and Lakshadweep; **Dry** over rest of the country.

❖ **Significant rainfall recorded(in cm)** (from 0830 hours IST to 1730 hours IST of today): **Gangetic West Bengal**: Midnapore (dist Paschim Medinipur) 10, Kolkata-salt Lake (dist North 24 Parganas) 7; **East Uttar Pradesh**: Allahabad (dist Prayagraj) 8, Hardoi (dist Hardoi) 6; **Chhattisgarh**: Pendra Road (dist Gaurella-pendra-marwahi) 8; **Himachal Pradesh**: Nahan (dist Sirmaur) 6; **Bihar**: Forbesganj (dist Araria) 6; **Saurashtra & Kutch**: Daman (dist Daman) 6.

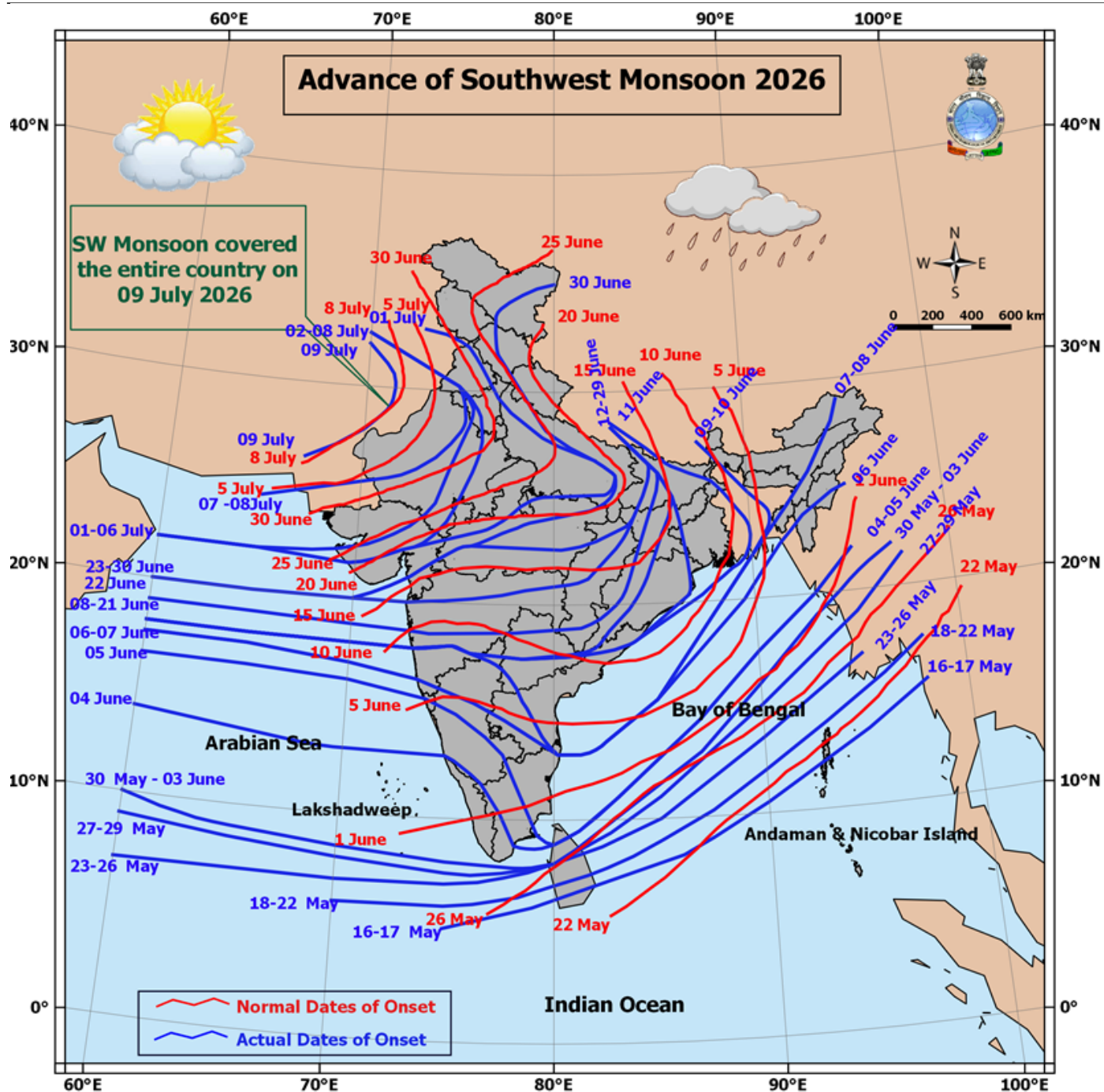
❖ **Heavy Rainfall observed** (from 0830 hours IST to 1730 hours IST of today): **Heavy rain** at isolated places over Gangetic West Bengal, East Uttar Pradesh and Chhattisgarh

❖ **Minimum Temperature Departures (as on 20-07-2026)**: **markedly above normal(> 5.1°C)** at isolated places over Assam & Meghalaya, Bihar, West Uttar Pradesh, Himachal Pradesh, West Rajasthan, East Rajasthan, West Madhya Pradesh, East Madhya Pradesh and Saurashtra & Kutch. **appreciably above normal(3.1°C to 5.0°C)** at many places over West Rajasthan; at few places over Nagaland, Manipur, Mizoram & Tripura, Sub Himalayan West Bengal & Sikkim, Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad and East Madhya Pradesh; at isolated places over Assam & Meghalaya, Gangetic West Bengal, Odisha, Bihar, East Uttar Pradesh, West Uttar Pradesh, Haryana-Chandigarh-Delhi, Punjab, East Rajasthan, West Madhya Pradesh, Gujarat Region, Saurashtra & Kutch, Madhya Maharashtra and Coastal Andhra Pradesh & Yanam. **above normal(1.6°C to 3.0°C)** at many places over Andaman & Nicobar Islands, Himachal Pradesh, Coastal Andhra Pradesh & Yanam and Lakshadweep; at few places over Gangetic West Bengal, Odisha, Uttarakhand, Punjab, Vidarbha, Chhattisgarh and Tamil Nadu, Puducherry & Karaikal; at isolated places over Jharkhand, Bihar, East Uttar Pradesh, Haryana-Chandigarh-Delhi, Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad, West Rajasthan, East Rajasthan, West Madhya Pradesh, East Madhya Pradesh, Gujarat Region, Saurashtra & Kutch, Konkan & Goa, Madhya Maharashtra, Marathwada and Rayalaseema. **near normal(-1.5°C to 1.5°C)** at many places over Nagaland, Manipur, Mizoram & Tripura, Sub Himalayan West Bengal & Sikkim, Gangetic West Bengal, Jharkhand, East Uttar Pradesh, Haryana-Chandigarh-Delhi, Gujarat Region, Saurashtra & Kutch, Vidarbha, Chhattisgarh, Telangana and Tamil Nadu, Puducherry & Karaikal; at most places over Arunachal Pradesh, West Uttar Pradesh, Konkan & Goa, Madhya Maharashtra, Marathwada, Rayalaseema, Coastal Karnataka, North Interior Karnataka, South Interior Karnataka and Kerala & Mahe; at few places over Andaman & Nicobar Islands, Assam & Meghalaya, Odisha, Bihar, Uttarakhand, Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad, West Madhya Pradesh, East Madhya Pradesh, Coastal Andhra Pradesh & Yanam and Lakshadweep; at isolated places over Punjab, Himachal Pradesh, West Rajasthan and East Rajasthan. **The lowest minimum temperature** of 18.8°C was reported at BOUDH (ODISHA) over the Plains of India.

❖ **Maximum Temperature Departures (as on 20-07-2026)**: **appreciably above normal(3.1°C to 5.0°C)** at few places over Vidarbha; at isolated places over Gangetic West Bengal, Odisha, West Rajasthan, East Rajasthan, West Madhya Pradesh and Tamil Nadu, Puducherry & Karaikal. **above normal(1.6°C to 3.0°C)** at most places over Lakshadweep; at few places over Coastal Andhra Pradesh & Yanam, Coastal Karnataka and South Interior Karnataka; at isolated places over Assam & Meghalaya, Gujarat Region, Saurashtra & Kutch, Konkan & Goa, Marathwada, Chhattisgarh, Telangana, Rayalaseema and Kerala & Mahe. **near normal(-1.5°C to 1.5°C)** at many places over Andaman & Nicobar Islands, Sub Himalayan West Bengal & Sikkim and North Interior Karnataka; at most places over Arunachal Pradesh and Madhya Maharashtra; at few places over Nagaland, Manipur, Mizoram & Tripura, Jharkhand, Haryana-Chandigarh-Delhi, Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad and East Madhya Pradesh; at isolated places over Uttarakhand and Himachal Pradesh. **The highest maximum temperature** of 42.9°C was reported at SRIGANGANAGAR (RAJASTHAN).

Meteorological Analysis (Based on 1730 hours IST)

- The **Monsoon trough** at mean sea level continue to pass through Sri Ganganagar, Rohtak, Hardoi, Sultanpur, Ranchi, Baleshwar and thence southeastwards towards Northwest Bay of Bengal and extends upto 0.9 km above mean sea level.
- The **upper air cyclonic circulation** over Punjab & neighbourhood extending upto 1.5 km above mean sea level persists.
- The **upper air cyclonic circulation** over central parts of south Uttar Pradesh at 3.1 km above mean sea level persists.
- The **upper air cyclonic circulation** over North Jharkhand and adjoining Bihar extending upto 1.5 km above mean sea level persists.
- The **trough** from the above **upper air cyclonic circulation** over North Jharkhand and adjoining Bihar to Tripura across north Gangetic West Bengal and Bangladesh extending upto 1.5 km above mean sea level persists.
- The **upper air cyclonic circulation** over southwest Rajasthan & neighbourhood between 3.1 & 4.5 km above mean sea level persists.
- The **upper air cyclonic circulation** over Westcentral Bay of Bengal & adjoining north Coastal Andhra Pradesh between 5.8 & 7.6 km above mean sea level persists.
- The **trough** from the above **upper air cyclonic circulation** over Westcentral Bay of Bengal & adjoining north Coastal Andhra Pradesh to Northeast Arabian sea across south Odisha, south Chhattisgarh, Telangana, Marathwada, Madhya Maharashtra and south Gujarat Region at 5.8 km above mean sea level persists.
- The **upper air cyclonic circulation** over Central Assam & adjoining Nagaland between 1.5 & 3.1 km above mean sea level persists.

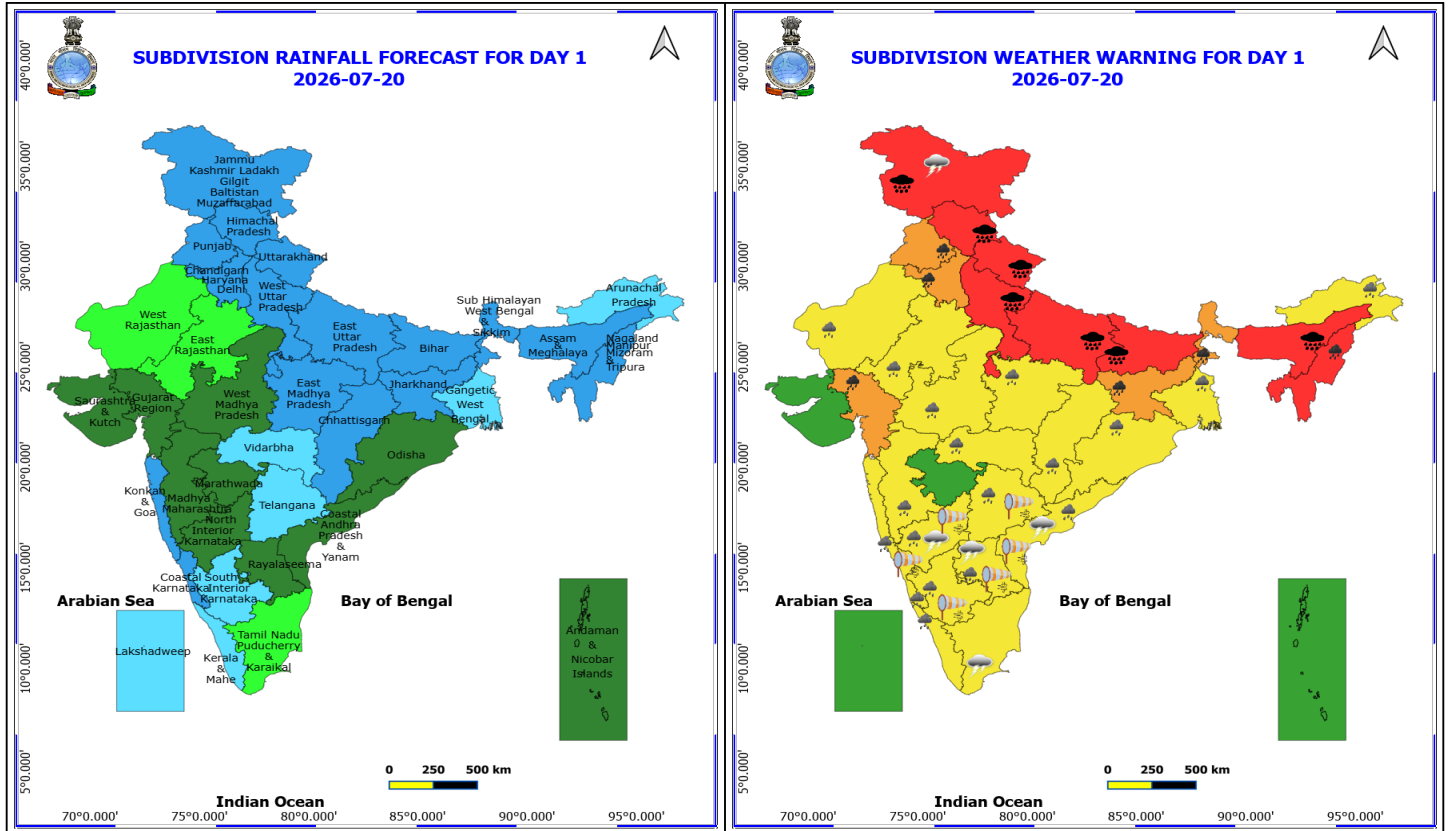


*Red color warning does not mean "Red Alert" Red color warning means "Take Action"

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)



20 July (Day 1)

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

***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

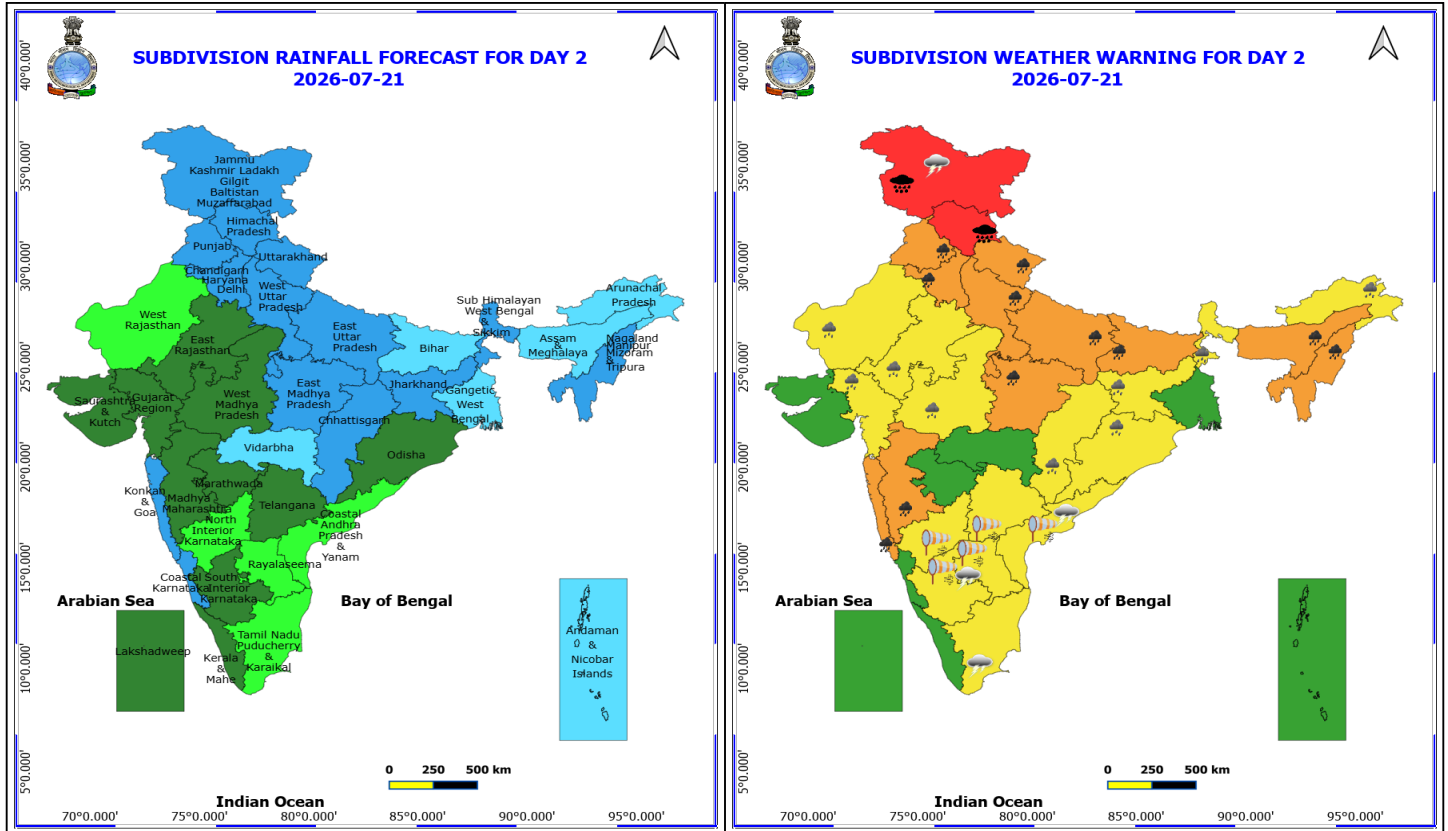
(Service to the nation since 1875)

Oman coasts.

❖ **Squally Weather with wind speed 40-50 kmph gusting to 60 kmph** is likely to prevail along and off south Gujarat, north Maharashtra coasts adjoining sea areas.

❖ **Bay of Bengal: Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail over few parts of westcentral Bay of Bengal, few parts south Sri Lanka coasts adjoining southwest Bay of Bengal and over few parts of Gulf of Mannar.

❖ **Squally Weather with wind speed 40-50 kmph gusting to 60 kmph** is likely to prevail along and off Andhra Pradesh coast adjoining some parts of westcentral and few parts of northwest Bay of Bengal.



21 July (Day 2)

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

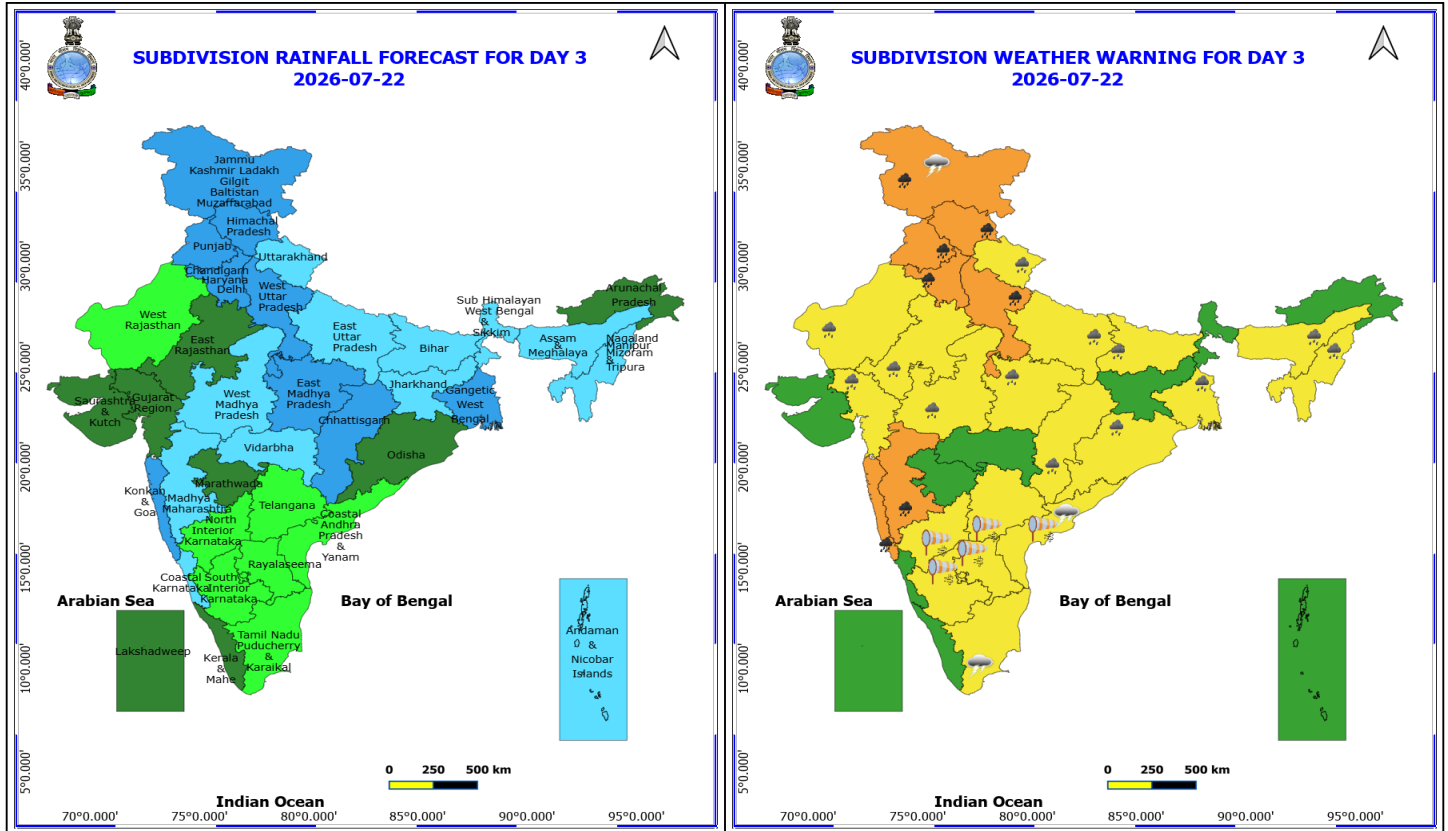
*Red color warning does not mean "Red Alert" Red color warning means "Take Action"

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)

- ❖ **Squally Weather with wind speed 40-50 kmph gusting to 60 kmph** is likely to prevail along and off north Maharashtra coasts adjoining sea areas.
- ❖ **Bay of Bengal: Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail over few parts of Gulf of Mannar.
- ❖ **Squally Weather with wind speed 40-50 kmph gusting to 60 kmph** is likely to prevail along and off Andhra Pradesh coast adjoining some parts of westcentral and few parts of northwest Bay of Bengal.



22 July (Day 3)

- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Haryana, Chandigarh & Delhi, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Konkan & Goa, Madhya Maharashtra, Punjab and West Uttar Pradesh.
- ❖ **Heavy Rainfall** very likely at isolated places over Assam & Meghalaya, Bihar, Chhattisgarh, East Uttar Pradesh, Gangetic West Bengal, Gujarat Region, Madhya Pradesh, Nagaland, Manipur, Mizoram and Tripura, Odisha, Rajasthan and Uttarakhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Coastal Andhra Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Tamil Nadu Puducherry & Karaikal.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Andaman & Nicobar Islands, Bihar, Interior Karnataka, Jharkhand, Odisha, Rajasthan, Rayalaseema, Telangana and West Madhya Pradesh.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Chhattisgarh, East Madhya Pradesh, Nagaland, Manipur, Mizoram and Tripura, Uttarakhand, Vidarbha, West Bengal & Sikkim and West Uttar Pradesh.
- ❖ **Strong Surface Winds** very likely at isolated places over Andhra Pradesh, Interior Karnataka 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 some parts of east central, north and some parts of southwest Arabian Sea and along and off Somalia, Oman, Gujarat Coasts.

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

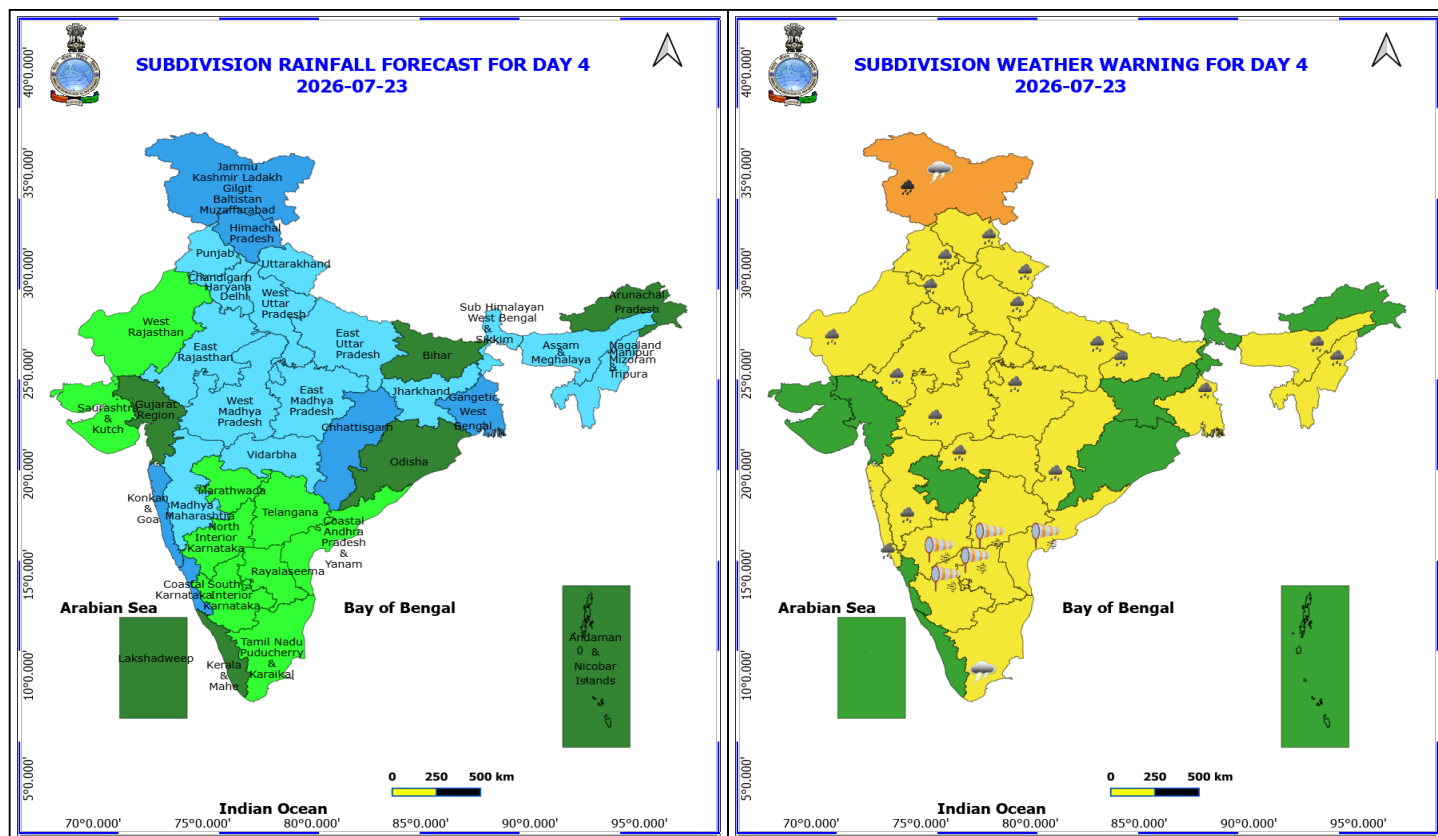
Forecast and warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day

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

(Service to the nation since 1875)



- ❖ **Squally Weather with wind speed 40-50 kmph gusting to 60 kmph** is likely to prevail along and off north Maharashtra coasts adjoining sea areas.
- ❖ **Bay of Bengal: Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail over few parts of Gulf of Mannar.



23 July (Day 4)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad.
- ❖ **Heavy Rainfall** likely at isolated places over Assam & Meghalaya, Bihar, Chhattisgarh, Gangetic West Bengal, Haryana, Chandigarh & Delhi, Himachal Pradesh, Konkan & Goa, Madhya Maharashtra, Madhya Pradesh, Nagaland, Manipur, Mizoram and Tripura, Punjab, Rajasthan, Uttar Pradesh, Uttarakhand and Vidarbha.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Tamil Nadu Puducherry & Karaikal.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Andaman & Nicobar Islands, Andhra Pradesh, Bihar, Interior Karnataka, Jharkhand, Odisha, Rajasthan, Telangana and West Madhya Pradesh.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Chhattisgarh, East Madhya Pradesh, Nagaland, Manipur, Mizoram and Tripura, Uttarakhand and West Bengal & Sikkim.
- ❖ **Strong Surface Winds** likely at isolated places over Andhra Pradesh, Interior Karnataka 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 some parts of east central, north and south west Arabian Sea and, along and off Somalia, Oman.
- ❖ **Squally Weather with wind speed 40-50 kmph gusting to 60 kmph** is likely to prevail along and off Gujarat, north Maharashtra coasts.

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

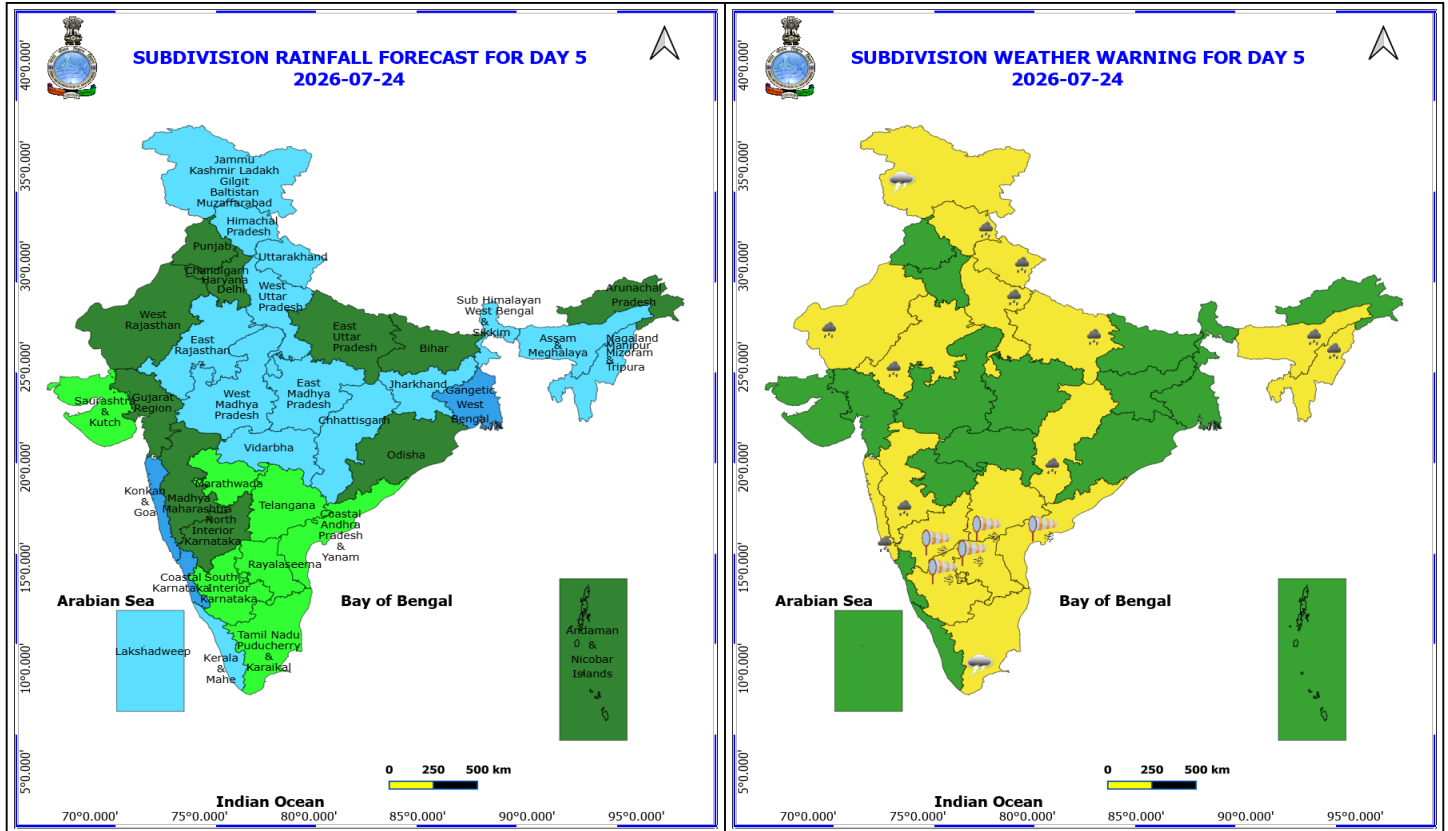
Forecast and warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day

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

(Service to the nation since 1875)



❖ **Bay of Bengal: Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail over few parts of gulf of Mannar, south Sri Lanka coasts, over few parts of westcentral Bay of Bengal.



24 July (Day 5)

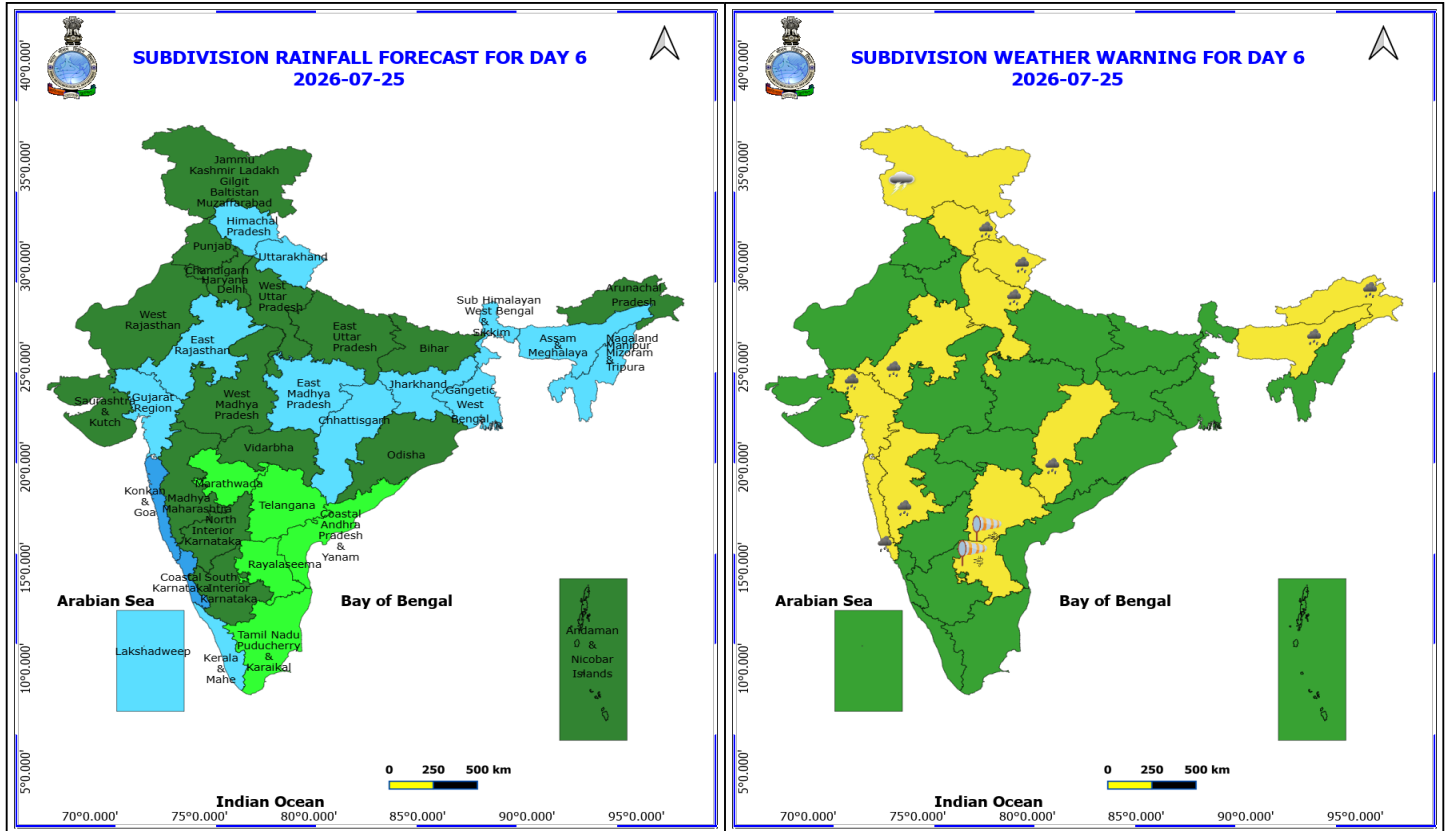
- ❖ **Heavy Rainfall** likely at isolated places over Assam & Meghalaya, Chhattisgarh, Himachal Pradesh, Konkan & Goa, Madhya Maharashtra, Nagaland, Manipur, Mizoram and Tripura, Rajasthan, Uttar Pradesh and Uttarakhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Tamil Nadu Puducherry & Karaikal.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Andaman & Nicobar Islands, Andhra Pradesh, Bihar, Interior Karnataka, Jharkhand, Odisha, Rajasthan, Telangana and West Madhya Pradesh.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Chhattisgarh, East Madhya Pradesh, Nagaland, Manipur, Mizoram and Tripura, Uttarakhand and West Bengal & Sikkim.
- ❖ **Strong Surface Winds** likely at isolated places over Andhra Pradesh, Interior Karnataka 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 some parts of east central, north and south west Arabian Sea and, 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 few parts of gulf of Mannar, south Sri Lanka coasts.

***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

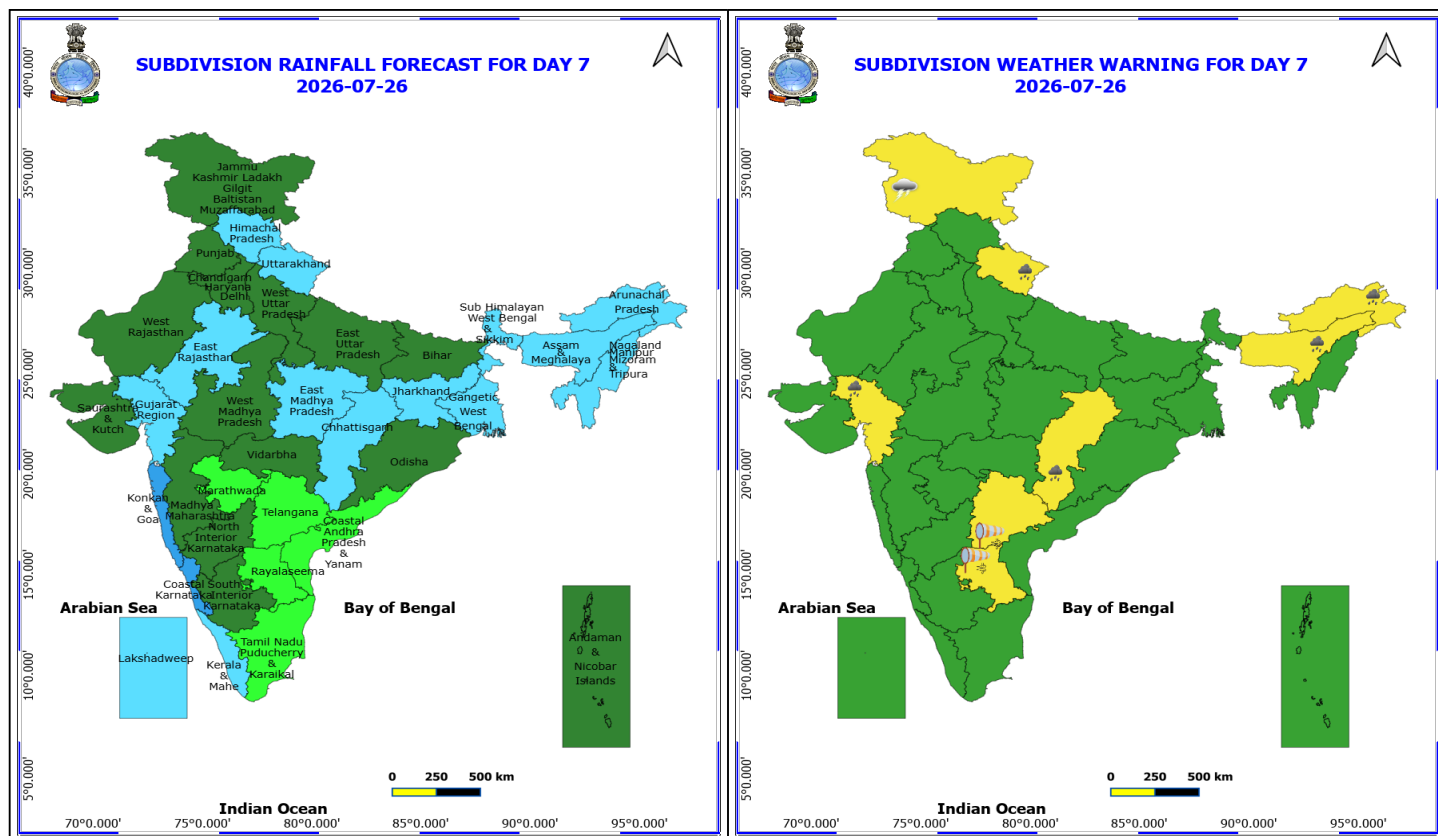
(Service to the nation since 1875)



25 July (Day 6)

- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, East Rajasthan, Gujarat Region, Himachal Pradesh, Konkan & Goa, Madhya Maharashtra, Uttarakhand and West Uttar Pradesh.
- ❖ **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, East Rajasthan, Rayalaseema and Telangana.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Sub Himalayan West Bengal & Sikkim, Uttarakhand and West Rajasthan.
- ❖ **Strong Surface Winds** likely at isolated places over Rayalaseema and Telangana.

No Fishermen Warning



26 July (Day 7)

- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Gujarat Region 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, Bihar, Rayalaseema and Telangana.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Rajasthan, Sub Himalayan West Bengal & Sikkim and Uttarakhand.
- ❖ **Strong Surface Winds** likely at isolated places over Rayalaseema and Telangana.

No Fishermen Warning

Flash Flood Warnings

Flash Flood Risk (FFR) till 1730 IST of 21-07-2026:

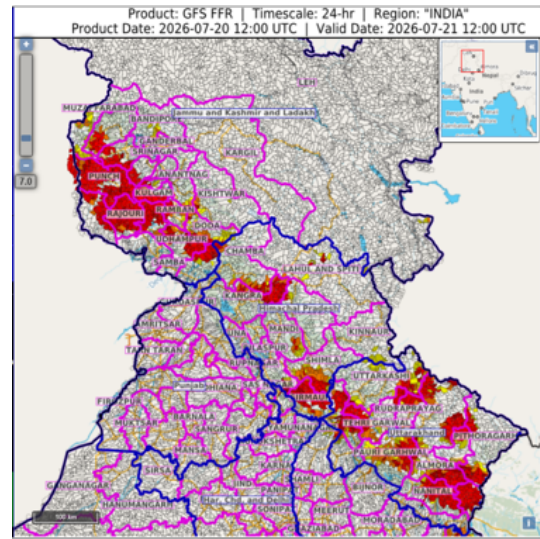
Low to Moderate flash flood risk likely over few watersheds & neighbourhoods of following Met Sub-divisions during next 24 hours.

Jammu & Kashmir & Ladakh: Poonch, Rajouri, Kupwara, Badgam, Kulgam, Shopian, Anantnag, Kistwar, Ramban, Doda, Udhampur, Kathu a, Samba, Reasi, Jammu districts.

Himachal Pradesh: Chamba, Kangra, Mandi, Kullu, Sirmaur, Shimla, Solan, Lahaul & Spiti and Kinnaur districts

Uttarakhand: Dehradun, Uttarkashi, Pauri Garhwal, Tehri Garhwal, Chamoli, Almora, Nainital, Bageshwar, Pithoragarh, Champawat and Rudraprayag 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.



***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)



Table-1

7 Days Rainfall Forecast

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

*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)

Fig. 1: Maximum Temperatures Dated 2026-07-20

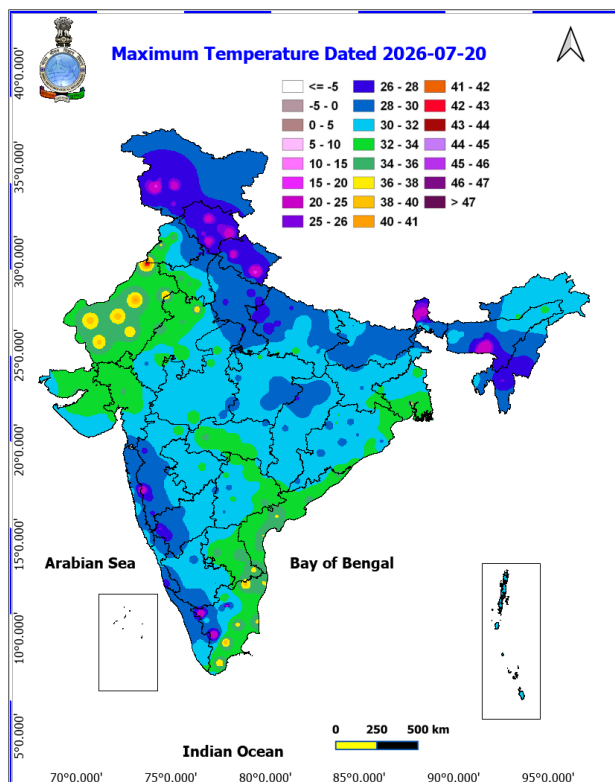


Fig. 2: Departure of Maximum Temp. Dated 2026-07-20

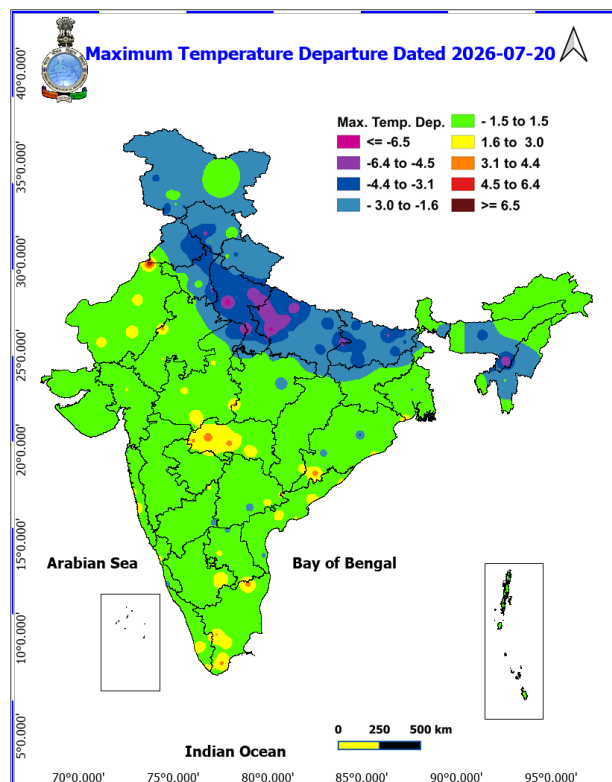


Fig. 3: Minimum Temperatures Dated 2026-07-20

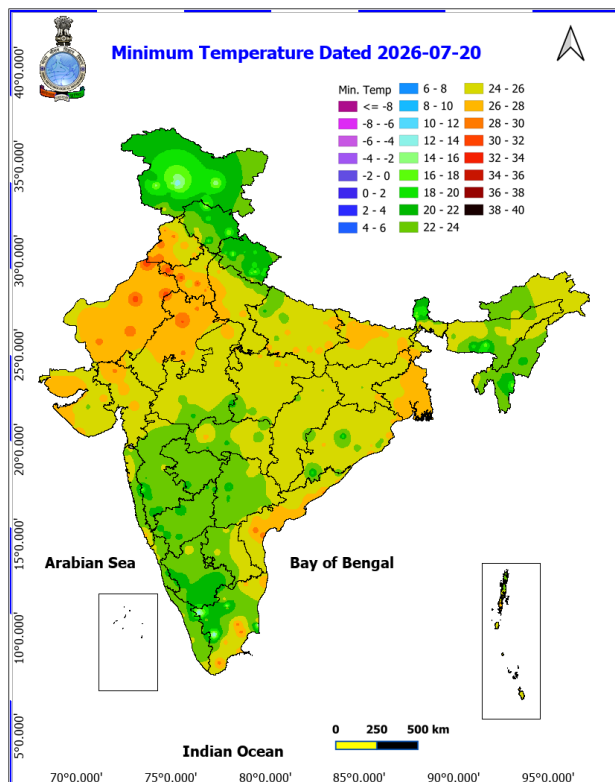
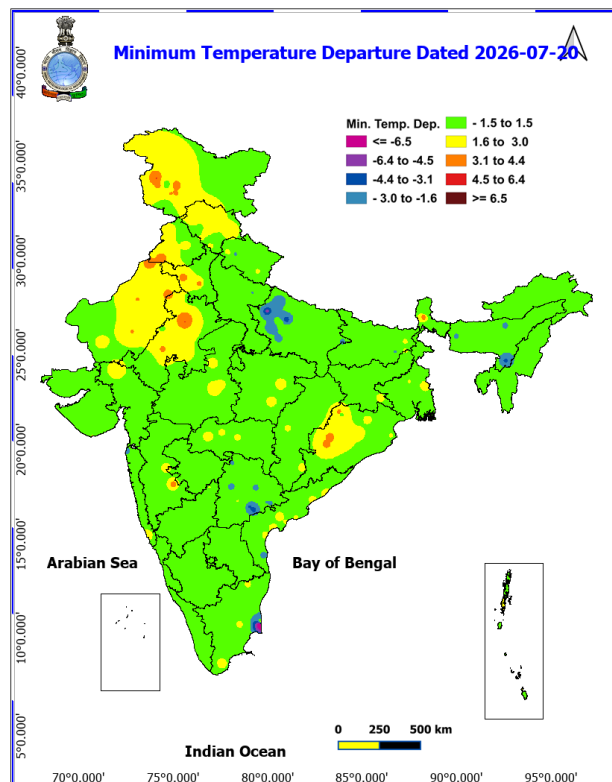
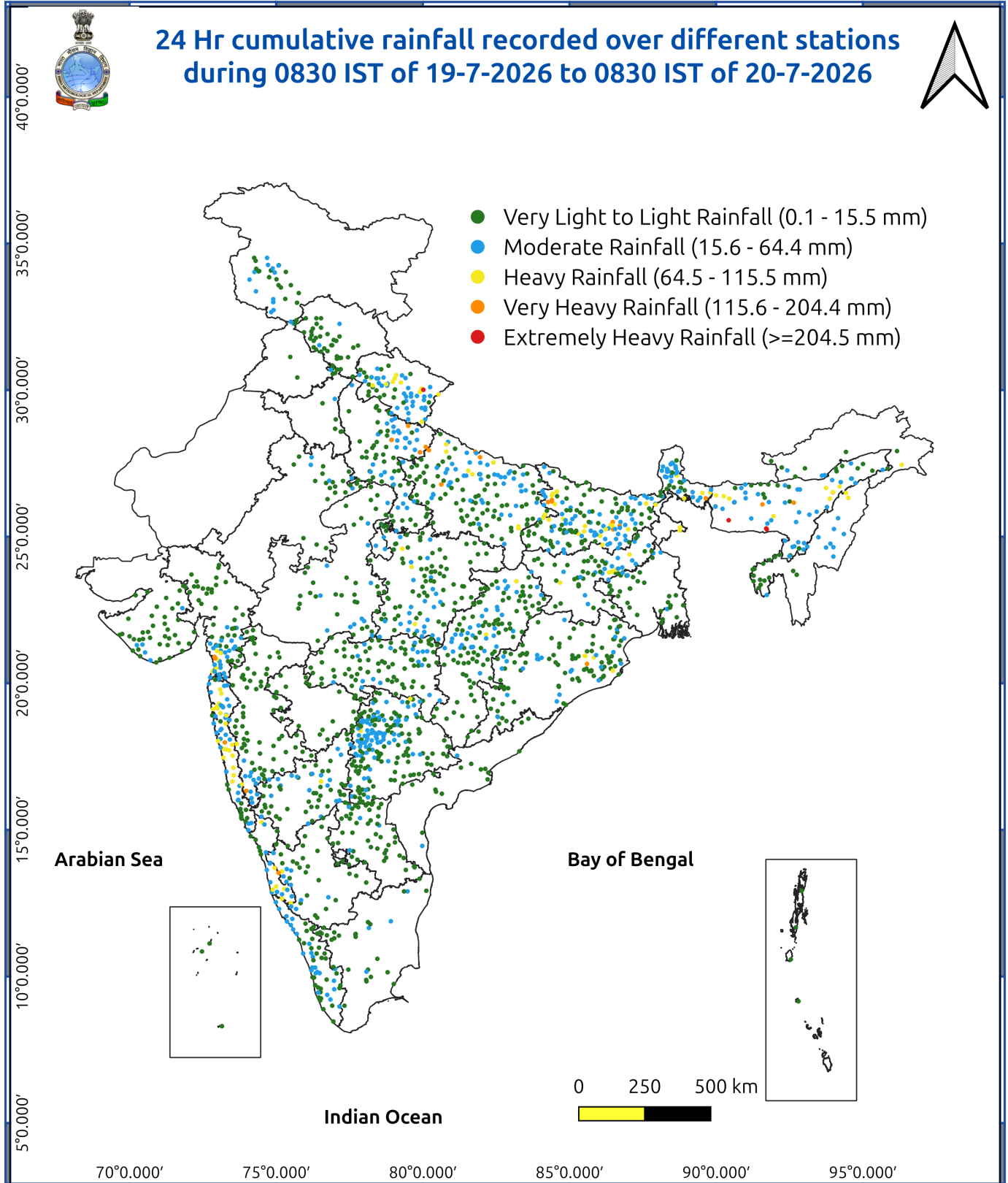


Fig. 4: Departure of Minimum Temp. Dated 2026-07-20





*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)

Impact and Actions

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

- Heavy to very heavy rainfall at few places with extremely heavy rainfall likely at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad Himachal Pradesh and Uttar Pradesh on 20th; over Uttarakhand, Bihar and Assam & Meghalaya on 20th 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/landslides/mudslides/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**, keep field drainage channels clear and maintain continuous drainage of excess rainwater from sugarcane, soybean, pigeon pea, jute, sesame fields and fruit orchards to prevent prolonged waterlogging. Harvest mature crops wherever field conditions permit.
- In **Meghalaya**, keep drainage channels around rice nurseries and fields of maize, cowpea, okra and ginger free from obstruction. Strengthen nursery bunds and maintain continuous drainage to prevent runoff, seedling washout and prolonged waterlogging.
- In **Jammu & Kashmir** withhold irrigation in standing crops, make necessary arrangements to remove excess rain water from the crop fields.
- In **Himachal Pradesh**, ensure proper drainage in maize, finger millet, cucurbit, tomato and capsicum fields to prevent waterlogging. Harvest mature crops wherever field conditions permit.
- In **Nagaland, Manipur, Mizoram and Tripura** ensure continuous and effective drainage and remove any accumulated rainwater from soybean, black gram, ginger, turmeric, cole crop and vegetable fields to prevent residual waterlogging.
- In **Uttarakhand**, postpone sowing of groundnut, soybean and maize. Ensure proper drainage in rice, tomato and chilli fields to prevent waterlogging. Harvest mature tomato only during rain-free periods.
- In **Uttar Pradesh**, ensure proper drainage in rice, maize, sesame and pigeon pea fields to prevent waterlogging. Postpone irrigation, fertilizer and plant protection operations until field conditions improve.
- In **West Bengal**, ensure continuous and effective drainage in rice nurseries, jute, ginger and vegetable fields to prevent prolonged waterlogging. Inspect and strengthen bunds around rice nurseries and harvest mature tea leaves and vegetables wherever field conditions permit.
- **Punjab, Haryana Konkan & Goa and Madhya Maharashtra** withhold irrigation in standing crops, make necessary arrangements to remove excess rain water from the crop fields.
- In **Sikkim**, ensure proper drainage in rice nurseries and standing crop fields to prevent waterlogging.
- In **Arunachal Pradesh**, ensure continuous drainage of excess rainwater from rice, maize, soybean and finger millet fields to prevent prolonged waterlogging.

*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)

- In **Jharkhand**, ensure proper drainage in standing crop fields to prevent waterlogging. Postpone irrigation, fertilizer and plant protection operations until field conditions improve.
- In **Bihar**, ensure continuous drainage in rice, maize, sesame and pigeon pea fields to prevent prolonged waterlogging. Postpone irrigation, fertilizer and plant protection operations until field conditions improve.
- In **Odisha**, maintain continuous drainage and keep field channels clear to prevent prolonged waterlogging in rice, maize, pulses, oilseed and vegetable fields. Postpone irrigation, fertilizer and plant protection operations until field conditions become suitable.
- In **Keralam**, provide adequate drainage facilities in banana, coconut, cardamom, ginger, black pepper and vegetables.
- In **Chhattisgarh**, maintain continuous drainage in rice nurseries and standing fields of maize, soybean, pigeon pea and minor millets to prevent prolonged waterlogging. Postpone irrigation, fertilizer and plant protection operations until field conditions improve.
- In the regions expecting heavy rainfall, including **Karnataka, Coastal Andhra Pradesh and Rayalaseema** 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

- 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.

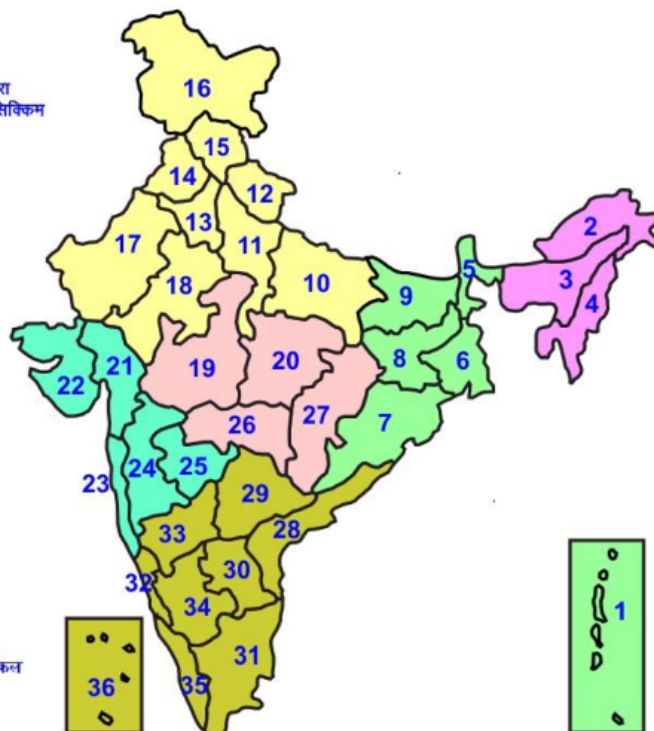
Legends & abbreviations:

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

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

*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°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)

*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)