

2025-06-29

Time of Issue: 13:57:00 hours IST
(Mid-Day)

ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN

Significant Weather Features

Weather Forecast and Warnings

East & Central India:

- **Extremely heavy rainfall (>20 cm/24 hours) likely at isolated places over Jharkhand on 29th & 30th June, Odisha on 29th June.**
- Isolated **heavy rainfall** over Jharkhand, Odisha, Bihar, Madhya Pradesh, Chhattisgarh during 29th June-05th July; Vidarbha during 29th June-02nd July, Andaman & Nicobar Islands on 29th, Sub-Himalayan West Bengal & Sikkim during 30th June-05th July, Gangetic West Bengal during 30th June-01st July and on 04th & 05th July with **very heavy rainfall** over Madhya Pradesh, Bihar during 30th June-02nd July, Vidarbha, Chhattisgarh on 30th June & 01st July, Gangetic West Bengal on 29th June, Odisha during 30th June-05th July, Jharkhand on 01st July.

Northwest India:

- Isolated **heavy rainfall** likely over Himachal Pradesh, Uttarakhand, Uttar Pradesh during 29th June-05th July; Punjab, Haryana & Chandigarh during 29th June-03rd July; Rajasthan during 02nd-05th July with **very heavy rainfall over Uttarakhand during 29th June-03rd July; Himachal Pradesh, Punjab, Haryana on 29th & 30th June; West Uttar Pradesh during 29th June-02nd July, East Uttar Pradesh on 30th June & 01st July, East Rajasthan on 04th & 05th July.**

West India:

- **Heavy to very heavy rainfall** at isolated places likely over Konkan & Goa, Ghat areas of Madhya Maharashtra, Gujarat state during next 7 days, over Marathawada on 29th & 30th June.

Northeast India:

- Isolated **very heavy rainfall** over Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura during 02nd-05th July.

South Peninsular India:

- Isolated **heavy rainfall** likely over Kerala & Mahe on 29th June, 03rd & 04th July, Coastal Karnataka on 29th and during 02nd-05th July, South Interior Karnataka during 02nd-05th July.
- **Strong surface winds** (speed reaching 40-50 kmph) very likely over South Peninsular India during next 7 days.

Hot & Humid Weather warning:

- **Hot & humid weather** is likely to prevail over plains of Assam on 29th, Coastal Andhra Pradesh & Yanam during 29th June-01st 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)

Main Weather Observations:

❖ **Rainfall distribution** (from 0830 hours IST of yesterday to 0830 hours IST of today): **at most places** over Andaman & Nicobar Islands, Gangetic West Bengal, Odisha, Uttarakhand, Himachal Pradesh, Gujarat Region, Saurashtra & Kutch, Konkan & Goa, Vidarbha, Chhattisgarh, Coastal Karnataka, Kerala & Mahe and Lakshadweep; **at many places** over Nagaland, Manipur, Mizoram & Tripura, Sub Himalayan West Bengal & Sikkim, Jharkhand, East Uttar Pradesh, West Uttar Pradesh, Punjab, West Madhya Pradesh and Madhya Maharashtra; **at a few places** over Arunachal Pradesh, Assam & Meghalaya, Haryana-Chandigarh-Delhi, East Rajasthan, East Madhya Pradesh, Coastal Andhra Pradesh & Yanam, Tamil Nadu, Puducherry & Karaikal, North Interior Karnataka and South Interior Karnataka; **at isolated places** over Bihar, Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad, West Rajasthan, Marathwada, Telangana and Rayalaseema;

❖ **Significant rainfall recorded(in cm)** (from 0830 hours IST of yesterday to 0830 hours IST of today): **Odisha:** Chandua Kuliana (dist Mayurbhanj) 32; Jamsolaghat (dist Mayurbhanj) 28; Suliapada (dist Mayurbhanj), Sarasakana (dist Mayurbhanj) 25 Each; Chandanpur (dist Mayurbhanj) 22; Bangiriposi (dist Mayurbhanj) 20; Samakhunta (dist Mayurbhanj) 18; Jaleswar (dist Balasore) 15; Khaira (dist Balasore) 12; Udala (dist Mayurbhanj), Sonapur (dist Sonapur), Rajghat (dist Balasore), Oupada (dist Balasore) 11 Each; Hatadihi (dist Keonjhar), Bijatala (dist Mayurbhanj), Kusumi (dist Mayurbhanj) 10 Each; Atabira (dist Bargarh), Kaptipada (dist Mayurbhanj), Rairangpur (dist Mayurbhanj) 9 Each; Gaisilet (dist Bargarh), Talcher (dist Angul), Boudhgarh (dist Boudhgarh), Jaipur (dist Balasore), Birmaharajpur (dist Sonapur), Muruda (dist Mayurbhanj) 8 Each; Kantamal (dist Boudhgarh), Nilgiri (dist Balasore), Athmalik (dist Angul), Bhuban (dist Dhenkanal), Tiring (dist Mayurbhanj), Chendipada (dist Angul), Rajnagar (dist Kendrapara), Angul (dist Angul) 7 Each; **Jharkhand:** Baharagora (dist East Singhbhum) 31; Ghatsila (dist East Singhbhum) 30; Chakulia (dist East Singhbhum) 13; Potka (dist East Singhbhum) 10; Jamshedpur AP (dist East Singhbhum), Jamshedpur (dist East Singhbhum), Hazaribagh Kvk AWS (dist Hazaribagh), Boram (dist East Singhbhum), Garu (dist Latehar) 7 Each; **Uttarakhand:** Ganganagar (dist Rudrapur) 19; Narendranagar (dist Garhwal Tehri) 17; Jollygrant (dist Dehradun) 15; Rishikesh (dist Dehradun) 11; Kotdwara (dist Garhwal Pauri) 10; Banbasa (dist Champawat) 9; Mussoorie (dist Dehradun), Jakholi (dist Rudrapur), Dhanaulti (dist Garhwal Tehri) 8 Each; Landsdown (dist Garhwal Pauri), Deoprayag (dist Garhwal Tehri), Dehra Dun (dist Dehradun) 7 Each; **Andaman & Nicobar Islands:** Long Island (dist North & Middle Andaman) 14; Port Blair (dist South Andaman) 12; Maya Bandar (dist North & Middle Andaman) 10; **Assam & Meghalaya:** Bihpuria AWS (dist Lakhimpur) 13; Ranganadi Nt Xing (dist Lakhimpur) 7; **Himachal Pradesh:** Jogindarnagar (dist Mandi) 13; Kasauli (dist Solan), Paonta (dist Sirmaur), Kahu (dist Bilaspur) 12 Each; Sundarnagar (dist Mandi) 10; Simla (dist Shimla), Kufri AWS (dist Shimla), Bilaspur Sadar (dist Bilaspur) 9 Each; Dharampur (dist Solan), Solan (dist Solan), Sujampur Tira (dist Hamirpur) 8 Each; Pandoh (dist Mandi) 7; **Haryana-Chandigarh-Delhi:** Chandigarh (dist Chandigarh) 12; Chandigarh AWS (dist Chandigarh) 11; Ambala (dist Ambala), Ambala Cantt (dist Ambala), Tajewala (dist Yamuna Nagar) 9 Each; Ambala REV (dist Ambala), Chandigarh IAF (dist Chandigarh) 8 Each; Partapnagar REV (dist Yamuna Nagar) 7; **Punjab:** Bharatgarh (dist Rupnagar) 11; Nawanshahr (dist Sbs Nagar), Ferozpur Kvk AWS (dist Ferozepur), Ghanauli (dist Rupnagar), Kotla (dist Rupnagar) 7 Each; **Gangetic West Bengal:** Amfu Kharagpur (dist West Midnapore) 10; Bankura(CWC) (dist Bankura) 9; Kansabati Dam (dist Bankura), Bankura (dist Bankura) 8 Each; **Tamil Nadu, Puducherry & Karaikal:** Chinnakalar (dist Coimbatore) 9; **Coastal Karnataka:** Bantwal (dist Dakshina Kannada) 9; Castle Rock (dist Uttara Kannada) 7; **West Madhya Pradesh:** Mau (dist Bhind) 9; Manawar (dist Dhar) 7; **Gujarat Region:** Chikhli (dist Navsari) 9; Valsad (dist Valsad) 8; Jambughoda (dist Panchmahal), Khergam (dist Navsari) 7 Each; **East Uttar Pradesh:** Dabri Fmo (dist Farrukhabad) 9; Balrampur (dist Balrampur) 7; **West Uttar Pradesh:** Bijnor (dist Bijnor) 8; Aligarh (dist Aligarh) 7; **Madhya Maharashtra:** Shahuwadi (dist Kolhapur) 7; **Chhattisgarh:** Chando (dist Balrampur) 7; **East Rajasthan:** Kotda SR (dist Udaipur) 7; **South Interior Karnataka:** Agumbe Emo (dist Shivamogga), Bhagamandala (dist Kodagu) 7 Each; **Kerala & Mahe:** Peermade To (dist Idukki), Perumpavur (dist Ernakulam) 7 Each.

❖ **Heavy Rainfall observed** (from 0830 hours IST of yesterday to 0830 hours IST of today):**Extremely heavy rain** at isolated places over Odisha and Jharkhand. **Heavy to very heavy rain** at a few places over Andaman & Nicobar Islands and at isolated places over Assam & Meghalaya, Odisha, Jharkhand, Uttarakhand, Haryana-Chandigarh-Delhi and Himachal Pradesh. **Heavy rain** at isolated places over Gangetic West Bengal, East Uttar Pradesh, West Uttar Pradesh, Punjab, East Rajasthan, West Madhya Pradesh, Gujarat Region, Madhya Maharashtra, Chhattisgarh, Tamil Nadu, Puducherry & Karaikal, Coastal Karnataka, South Interior Karnataka and Kerala & Mahe.

❖ **Minimum Temperature Departures (as on 29-06-2025):** **markedly above normal(> 5.1°C)** at few places over Assam & Meghalaya; at isolated places over East Uttar Pradesh, West Uttar Pradesh, Himachal Pradesh, Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad and West Madhya Pradesh. **appreciably above normal(3.1°C to 5.0°C)**

*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)

at few places over East Madhya Pradesh; at isolated places over Sub Himalayan West Bengal & Sikkim, Bihar, Punjab and Saurashtra & Kutch. **above normal(1.6°C to 3.0°C)** at few places over Gujarat Region, Coastal Andhra Pradesh & Yanam and Lakshadweep; at isolated places over Andaman & Nicobar Islands, Gangetic West Bengal, Odisha, Uttarakhand, Haryana-Chandigarh-Delhi, West Rajasthan, Konkan & Goa, Madhya Maharashtra, Telangana, Rayalaseema and Tamil Nadu, Puducherry & Karaikal. **near normal(-1.5°C to 1.5°C)** at many places over Jharkhand, East Rajasthan, Vidarbha and Chhattisgarh; at most places over Arunachal Pradesh, Nagaland, Manipur, Mizoram & Tripura, Marathwada, Coastal Karnataka, North Interior Karnataka and South Interior Karnataka; at few places over Kerala & Mahe. **The lowest minimum temperature** of 18.0°C is reported at Matheran (Maharashtra) over the Plains of India.

❖ **Maximum Temperature Departures (as on 28-06-2025):** **markedly above normal(> 5.1°C)** at isolated places over Assam & Meghalaya, Odisha and West Uttar Pradesh. **appreciably above normal(3.1°C to 5.0°C)** at isolated places over Sub Himalayan West Bengal & Sikkim, Bihar, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Tamil Nadu, Puducherry & Karaikal. **above normal(1.6°C to 3.0°C)** at many places over Coastal Karnataka; at few places over Arunachal Pradesh, Nagaland, Manipur, Mizoram & Tripura, East Uttar Pradesh and Coastal Andhra Pradesh & Yanam; at isolated places over Gangetic West Bengal, Uttarakhand, Himachal Pradesh, Konkan & Goa, Telangana, Rayalaseema and North Interior Karnataka. **near normal(-1.5°C to 1.5°C)** at many places over Madhya Maharashtra, Vidarbha and South Interior Karnataka; at most places over Lakshadweep; at few places over Andaman & Nicobar Islands, Jharkhand, Haryana-Chandigarh-Delhi, Marathwada and Kerala & Mahe; at isolated places over Punjab, West Rajasthan, Saurashtra & Kutch and Chhattisgarh. **The highest maximum temperature** of 41.4°C was reported at SRIGANGANAGAR (RAJASTHAN).

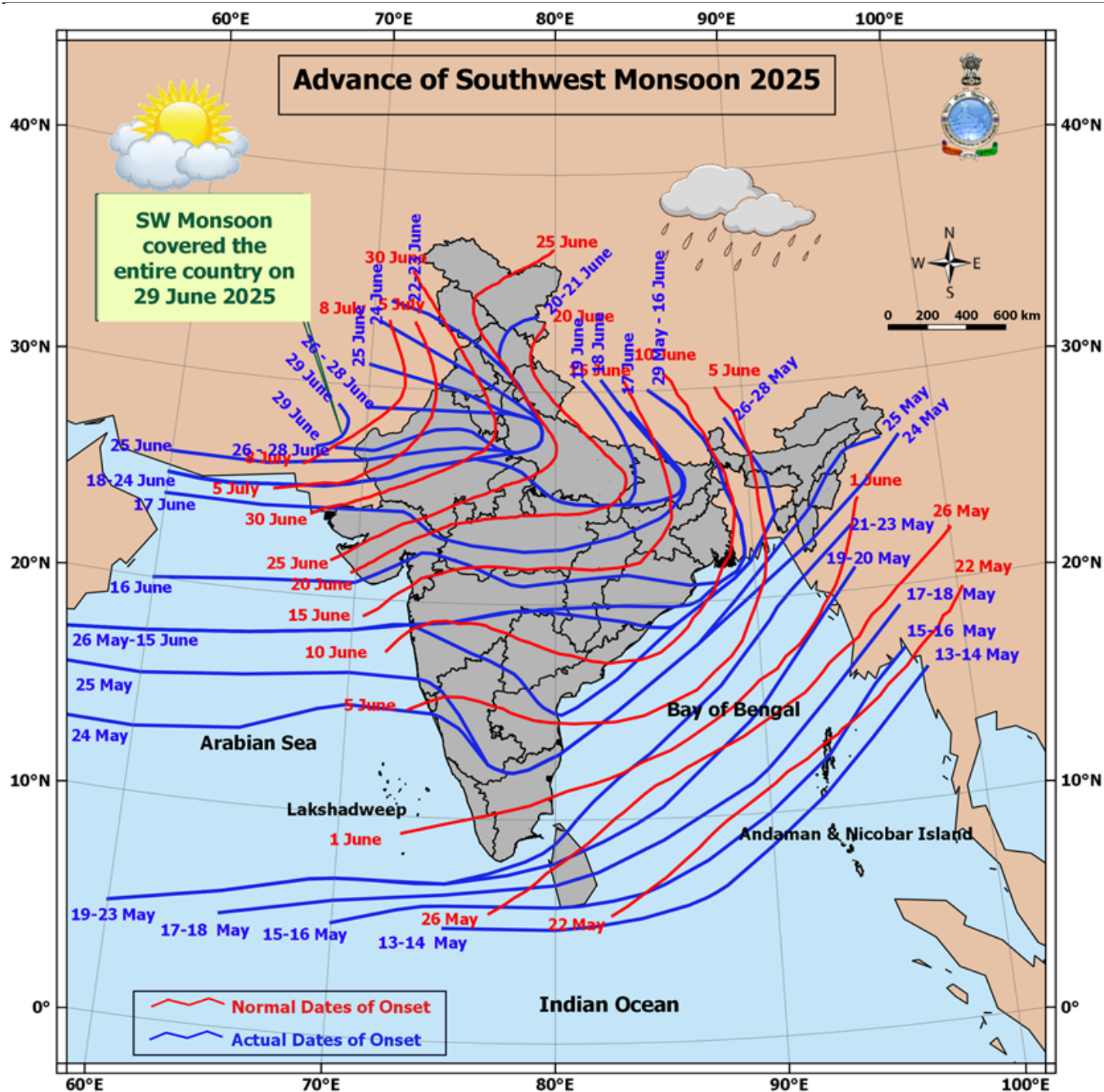


Meteorological Analysis (Based on 0830 hours IST)

- The Southwest Monsoon has further advanced into remaining parts of Rajasthan, West Uttar Pradesh and Haryana and entire Delhi today, the 29th June 2025. Thus, it has covered the entire country on 29th June, 2025, against the normal date of 08th July (9 days before the normal date of covering the entire India).
- The **low-pressure area** over Northwest Bay of Bengal and adjoining West Bengal and Bangladesh coasts persists at 0830 hrs IST of today, the 29th June 2025. The associated cyclonic circulation extends upto 7.6 km above mean sea level. It is likely to move slowly west-northwestwards across North Odisha, Gangetic West Bengal & Jharkhand during next 2 days.
- The monsoon trough at mean sea level passes through Firozpur, Sonipat, Ayodhya, Gaya, Purulia, centre of the low pressure area over Northwest Bay of Bengal and adjoining West Bengal and Bangladesh coasts and thence southeastwards to northeast Bay of Bengal.
- The east-west **trough** now runs from the upper **air cyclonic circulation** over south Rajasthan & adjoining north Gujarat to the cyclonic circulation associated with the low pressure area over northwest Bay of Bengal and adjoining West Bengal and Bangladesh coasts across Madhya Pradesh, north Chhattisgarh and north Odisha between 3.1 & 5.8 km above mean sea level tilting southward with height.
- An upper **air cyclonic circulation** lies over north Haryana & neighbourhood and extends upto 1.5 km above mean sea level.
- The **cyclonic circulation** over central parts of south Uttar Pradesh at 1.5 km above mean sea level persists.
- The **low-pressure area** over Saurashtra & Kutch and adjoining south Rajasthan has become less marked at 0830 hrs IST of today, the 29th June 2025. However, the associated cyclonic circulation now lies over south Rajasthan & adjoining north Gujarat and extends between 3.1 & 7.6 km above mean sea levels.
- An upper **air cyclonic circulation** lies over central parts of north Arabian Sea and extends upto 5.8 km above mean sea level.

Weather Outlook for subsequent 3 days

- Scattered to fairly widespread rainfall very likely over central India, ghat area of western coast, eastern India & northwest India.
- Isolated to scattered rainfall very likely over the south peninsula India & western India.

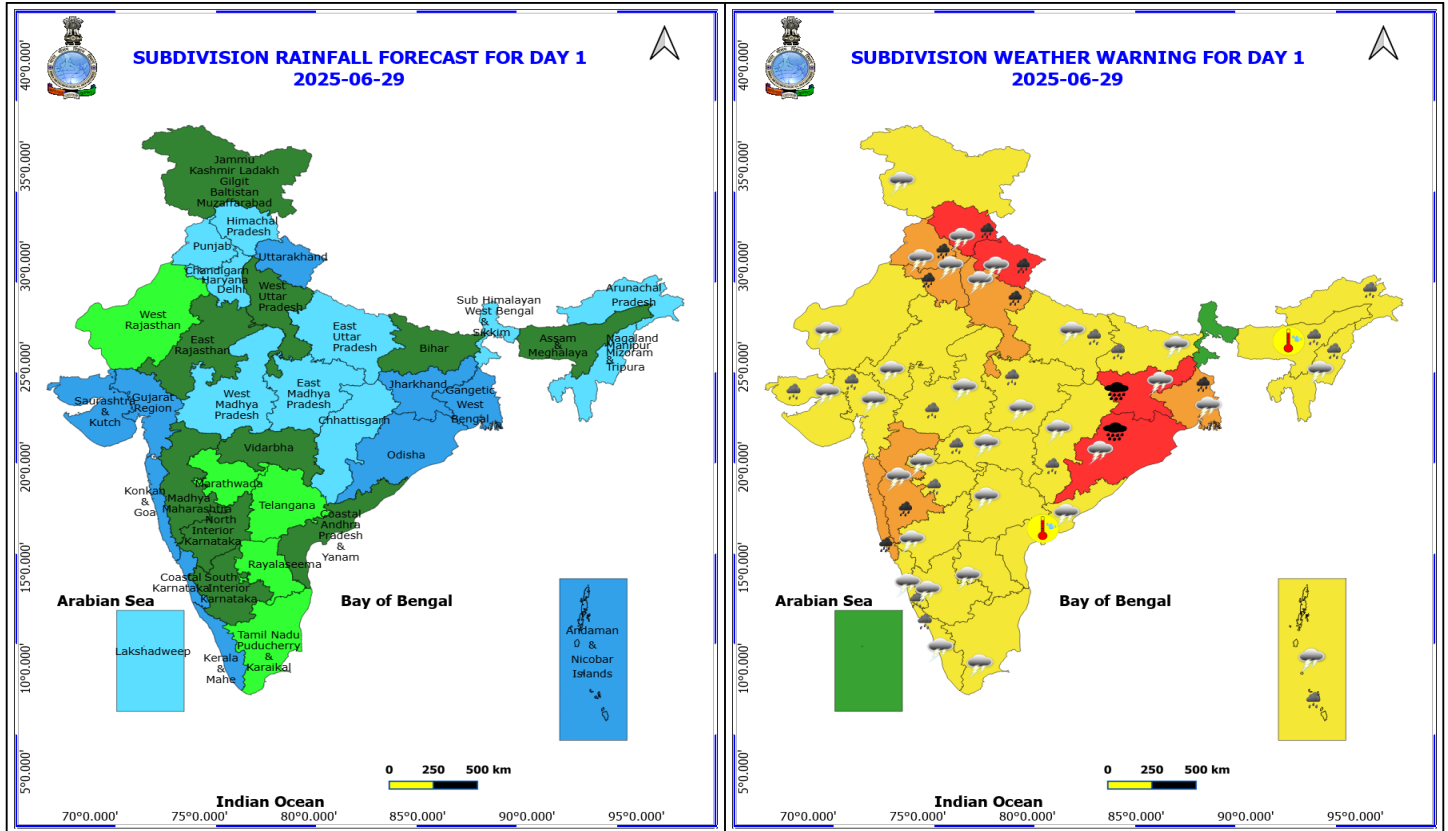


*Red color warning does not mean "Red Alert" Red color warning means "Take Action"

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)



29 June (Day 1)

- ❖ **Heavy to Very Heavy Rainfall with isolated Extremely Heavy Rainfall** very likely at isolated places over Jharkhand and Odisha.
- ❖ **Heavy to Very Heavy Rainfall** very likely at a few places over Uttarakhand; at isolated places over Gangetic West Bengal, Haryana, Chandigarh & Delhi, Himachal Pradesh, Konkan & Goa, Madhya Maharashtra, Punjab and West Uttar Pradesh.
- ❖ **Heavy Rainfall** very likely at isolated places over Andaman & Nicobar Islands, Arunachal Pradesh, Assam & Meghalaya, Bihar, Chhattisgarh, Coastal Karnataka, East Uttar Pradesh, Gujarat State, Kerala & Mahe, Madhya Pradesh, Marathwada, Nagaland, Manipur, Mizoram and Tripura and Vidarbha.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Andaman & Nicobar Islands, Rayalaseema and Telangana.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Bihar, Coastal Andhra Pradesh, Coastal Karnataka, Gangetic West Bengal, Interior Karnataka, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, Kerala & Mahe, Odisha, Tamil Nadu Puducherry & Karaikal, West Madhya Pradesh and West Rajasthan.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Chhattisgarh, East Madhya Pradesh, East Rajasthan, Gujarat State, Haryana, Chandigarh & Delhi, Himachal Pradesh, Maharashtra, Nagaland, Manipur, Mizoram and Tripura, Punjab, Uttar Pradesh and Uttarakhand.
- ❖ **Hot and Humid weather** very likely at isolated places over Assam & Meghalaya and Coastal Andhra Pradesh.
- ❖ **Squally wind speed reaching 45 kmph to 55 kmph gusting to 65 kmph** is likely to prevail along and off

***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

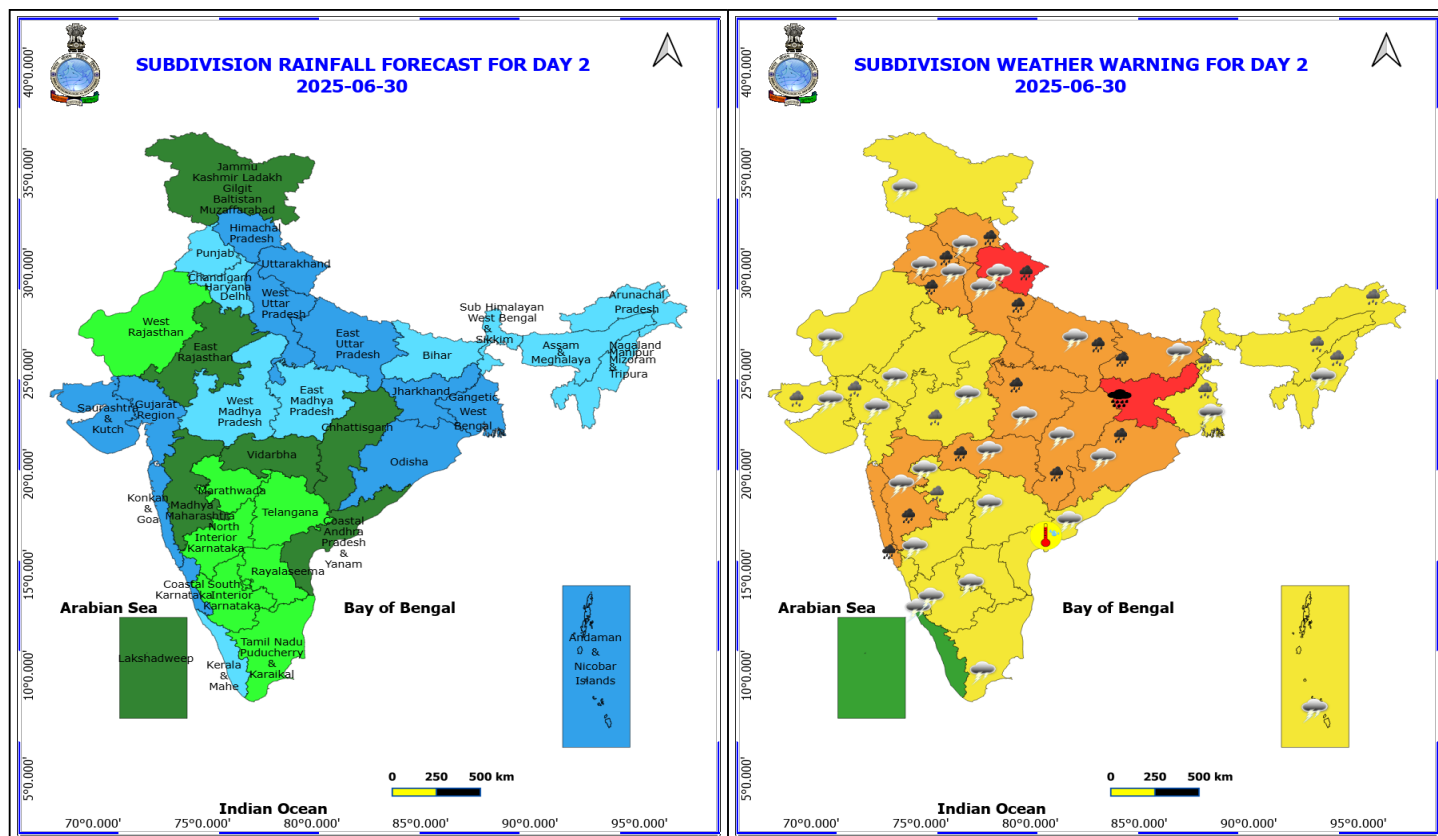
For more details kindly visit <https://mausam.imd.gov.in> or contact 011-2434-4599

(Service to the nation since 1875)

Somalia, Oman & adjoining Yemen coasts, most parts of westcentral Arabian Sea & adjoining, most parts of eastcentral Arabian Sea, most parts of northeast Arabian Sea, many parts of northwest Arabian Sea, northern parts of southwest Arabian Sea, over Gulf of Mannar.

❖ **Squally weather with wind speed 40 - 50 kmph gusting to 60 kmph** likely to prevail over most parts of central Bay, north Bay of Bengal, few parts of southeast Bay of Bengal, along and off north Andhra Pradesh, Odisha, West Bengal, Bangladesh coasts, over Andaman Sea and Goa, Kerala, Karnataka and Lakshadweep coasts adjoining comorin area..

❖ **Squally weather with wind speed reaching 45 kmph to 55 kmph gusting to 65 kmph** likely to prevail over over most parts of eastcentral & adjoining areas of westcentral Arabian Sea, over most parts of northeast Arabian Sea, along and off Gujarat, Konkan coasts



30 June (Day 2)

- ❖ **Heavy to Very Heavy Rainfall with isolated Extremely Heavy Rainfall** very likely at isolated places over Jharkhand.
- ❖ **Heavy to Very Heavy Rainfall** very likely at a few places over Uttarakhand; at isolated places over Bihar, Chhattisgarh, East Madhya Pradesh, Haryana, Chandigarh & Delhi, Himachal Pradesh, Konkan & Goa, Madhya Maharashtra, Odisha, Punjab, Uttar Pradesh and Vidarbha.
- ❖ **Heavy Rainfall** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Gujarat State, Marathwada, Nagaland, Manipur, Mizoram and Tripura, West Bengal & Sikkim and West Madhya Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Andaman & Nicobar Islands, Andhra Pradesh, Bihar, Coastal Karnataka, Gangetic West Bengal, Interior Karnataka, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Odisha, West Madhya Pradesh and West Rajasthan.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Chhattisgarh, East Madhya Pradesh, East Rajasthan, Gujarat State, Haryana, Chandigarh & Delhi, Himachal Pradesh, Maharashtra, Nagaland, Manipur, Mizoram and Tripura, Punjab, Tamil Nadu Puducherry & Karaikal, Telangana, Uttar Pradesh and Uttarakhand.
- ❖ **Hot and Humid weather** very likely at isolated places over Coastal Andhra Pradesh.
- ❖ **Squally wind speed reaching 45 kmph to 55 kmph gusting to 65 kmph** is likely to prevail along and off Somalia, Oman & adjoining Yemen coasts, most parts of westcentral Arabian Sea & adjoining, most parts of eastcentral Arabian Sea, most parts of northeast Arabian Sea, many parts of northwest Arabian Sea, northern parts of southwest Arabian Sea over Gulf of Mannar.

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

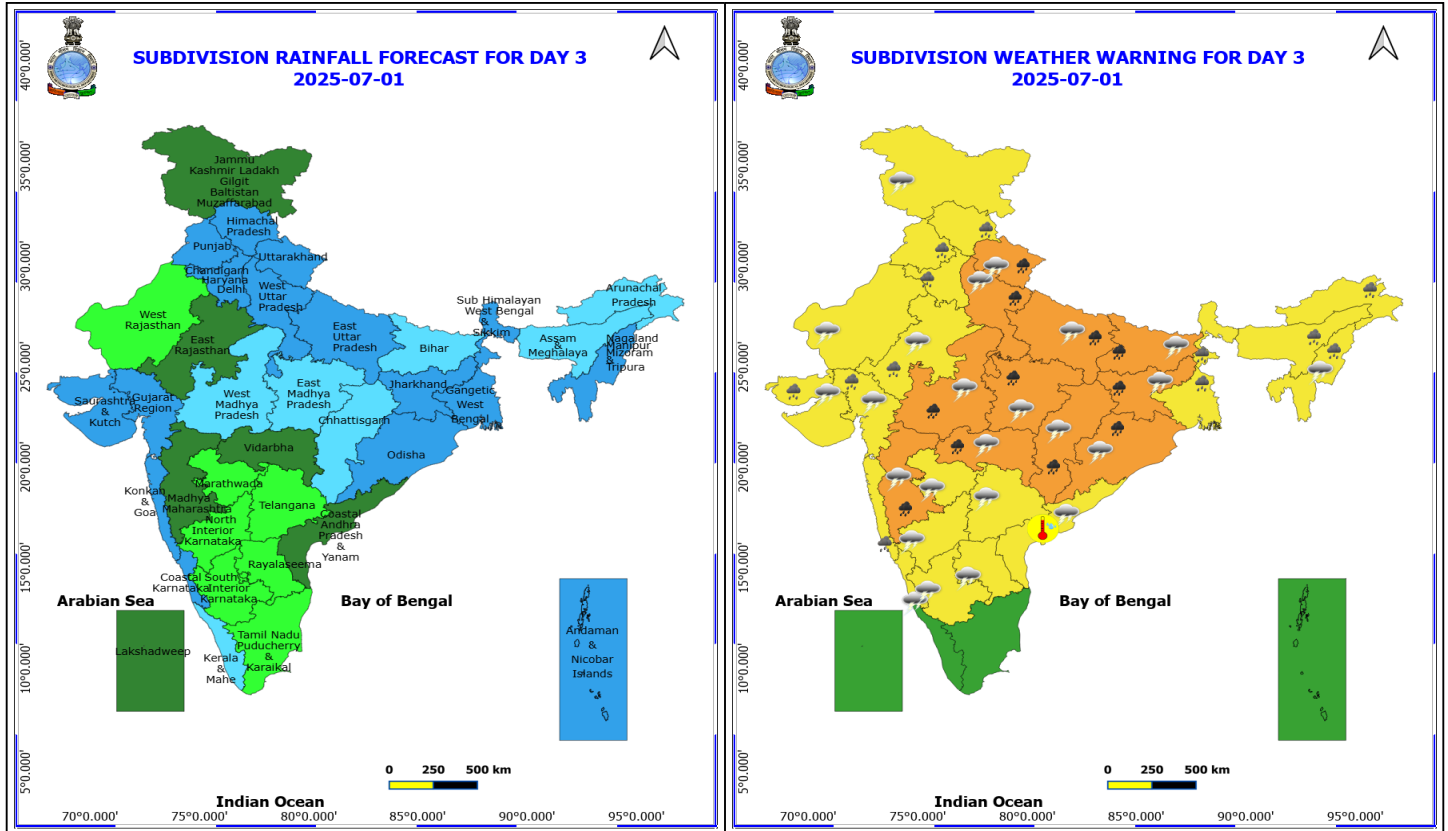
Forecast and warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day

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** likely to prevail over most parts of central Bay of Bengal, some northern parts of southeast Bay of Bengal, along and off Odisha, West Bengal, Bangladesh coasts, over north Bay of Bengal, over Andaman Sea.

❖ **Squally weather with wind speed reaching 45 kmph to 55 kmph gusting to 65 kmph** likely to prevail over over most parts of eastcentral & adjoining areas of westcentral Arabian Sea, over most parts of northeast Arabian Sea, along and off Gujarat, north Konkan coasts, some parts of north Bay of Bengal, along and off north Odisha and west Bengal coasts.



1 July (Day 3)

- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Bihar, Chhattisgarh, Jharkhand, Madhya Maharashtra, Madhya Pradesh, Odisha, Uttar Pradesh, Uttarakhand and Vidarbha.
- ❖ **Heavy Rainfall** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, East Rajasthan, Gujarat State, Haryana, Chandigarh & Delhi, Himachal Pradesh, Konkan & Goa, Nagaland, Manipur, Mizoram and Tripura, Punjab and West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Andhra Pradesh, Bihar, Coastal Karnataka, Interior Karnataka, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Odisha and West Rajasthan.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Chhattisgarh, East Rajasthan, Gujarat State, Jharkhand, Madhya Pradesh, Maharashtra, Nagaland, Manipur, Mizoram and Tripura, Telangana, Uttar Pradesh and Uttarakhand.
- ❖ **Hot and Humid weather** very likely at isolated places over Coastal Andhra Pradesh.
- ❖ **Squally wind speed reaching 45 kmph to 55 kmph gusting to 65 kmph** is likely to prevail along and off Somalia, Oman & adjoining Yemen coasts, most parts of westcentral Arabian Sea & adjoining, most parts of eastcentral Arabian Sea, most parts of northeast Arabian Sea, many parts of northwest Arabian Sea, northern parts of southwest Arabian Sea over Gulf of Mannar.
- ❖ **Squally weather with wind speed 40 - 50 kmph gusting to 60 kmph** likely to prevail over most parts of central Bay of Bengal, north Bay of Bengal, along and off Odisha, West Bengal, Bangladesh coasts, over north Bay of Bengal.

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

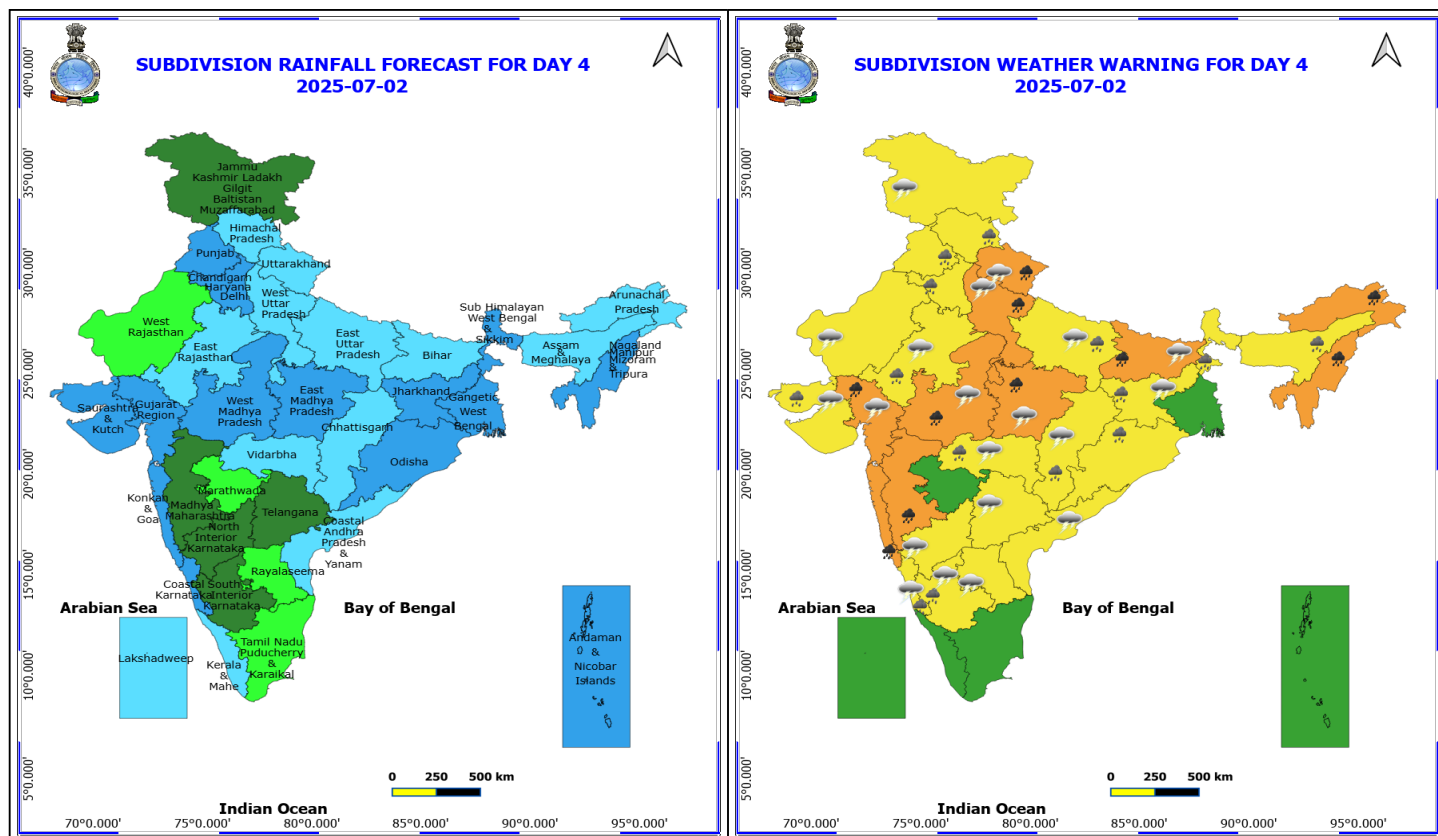
Forecast and warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day

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 reaching 45 kmph to 55 kmph gusting to 65 kmph** likely to prevail over over most parts of eastcentral & adjoining areas of westcentral Arabian Sea, over most parts of northeast Arabian Sea, along and off Gujarat, north Konkan coasts.



2 July (Day 4)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Bihar, Gujarat Region, Konkan & Goa, Madhya Maharashtra, Madhya Pradesh, Nagaland, Manipur, Mizoram and Tripura, Uttarakhand and West Uttar Pradesh.
- ❖ **Heavy Rainfall** likely at isolated places over Assam & Meghalaya, Chhattisgarh, Coastal Karnataka, East Rajasthan, East Uttar Pradesh, Haryana, Chandigarh & Delhi, Himachal Pradesh, Jharkhand, Odisha, Punjab, Saurashtra & Kutch, South Interior Karnataka, Sub Himalayan West Bengal & Sikkim and Vidarbha.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Andhra Pradesh, Bihar, Coastal Karnataka, Interior Karnataka, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and West Rajasthan.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Chhattisgarh, East Rajasthan, Gujarat State, Jharkhand, Madhya Pradesh, Telangana, Uttar Pradesh, Uttarakhand and Vidarbha.
- ❖ **Squally wind speed reaching 45 kmph to 55 kmph gusting to 65 kmph** is likely to prevail along and off Somalia, Oman & adjoining Yemen coasts, most parts of westcentral Arabian Sea & adjoining, most parts of eastcentral Arabian Sea, most parts of northeast Arabian Sea, many parts of northwest Arabian Sea, northern parts of southwest Arabian Sea over Gulf of Mannar.
- ❖ **Squally weather with wind speed 40 - 50 kmph gusting to 60 kmph** likely to prevail over few parts of central Bay of Bengal, north Bay of Bengal, along and off north Andhra Pradesh coast and south Odisha coast adjoining some parts of westcentral and north bay of Bengal
- ❖ **Squally weather with wind speed reaching 45 kmph to 55 kmph gusting to 65 kmph** likely to prevail over over most parts of eastcentral & adjoining areas of westcentral Arabian Sea, over most parts of northeast Arabian Sea,

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

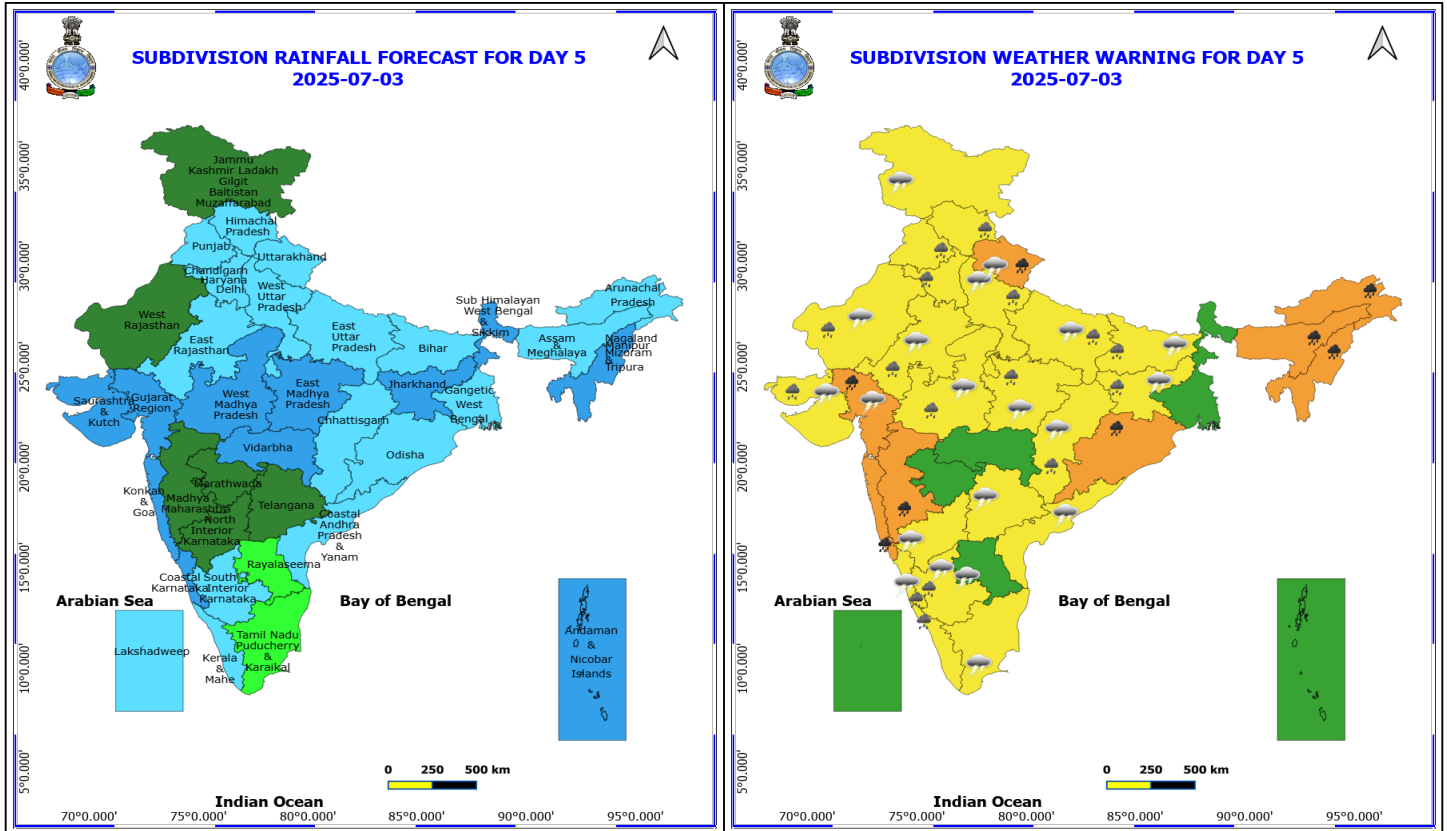
Forecast and warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day

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

(Service to the nation since 1875)



along and off Gujarat, north Konkan coasts.1



3 July (Day 5)

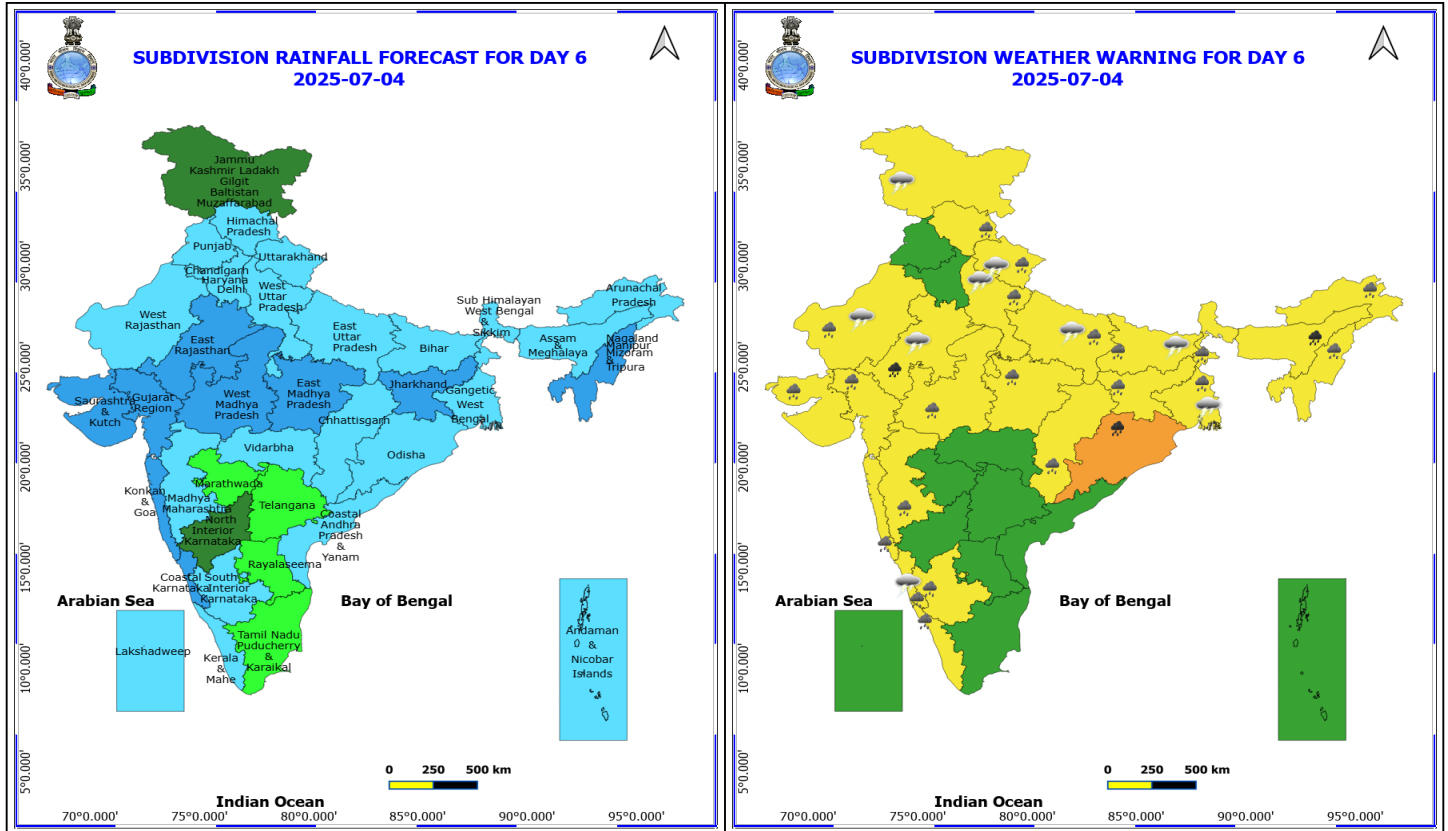
- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Gujarat Region, Konkan & Goa, Madhya Maharashtra, Nagaland, Manipur, Mizoram and Tripura, Odisha and Uttarakhand.
- ❖ **Heavy Rainfall** likely at isolated places over Bihar, Chhattisgarh, Coastal Karnataka, Haryana, Chandigarh & Delhi, Himachal Pradesh, Jharkhand, Kerala & Mahe, Madhya Pradesh, Punjab, Rajasthan, Saurashtra & Kutch, South Interior Karnataka and Uttar Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Andhra Pradesh, Bihar, Coastal Karnataka, Interior Karnataka, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and West Rajasthan.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Chhattisgarh, East Rajasthan, Gujarat State, Jharkhand, Madhya Pradesh, Tamil Nadu Puducherry & Karaikal, Telangana, Uttar Pradesh and Uttarakhand.
- ❖ Squally wind speed reaching 45 kmph to 55 kmph gusting to 65 kmph is likely to prevail along and off Somalia, Oman & adjoining Yemen coasts, most parts of westcentral Arabian Sea & adjoining, most parts of eastcentral Arabian Sea, most parts of northeast Arabian Sea, many parts of northwest Arabian Sea, northern parts of southwest Arabian Sea over Gulf of Mannar..
- ❖ Squally weather with wind speed reaching 45 kmph to 55 kmph gusting to 65 kmph likely to prevail over over most parts of eastcentral & adjoining areas of westcentral Arabian Sea, over most parts of northeast Arabian Sea, along and off Gujarat, north Konkan 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

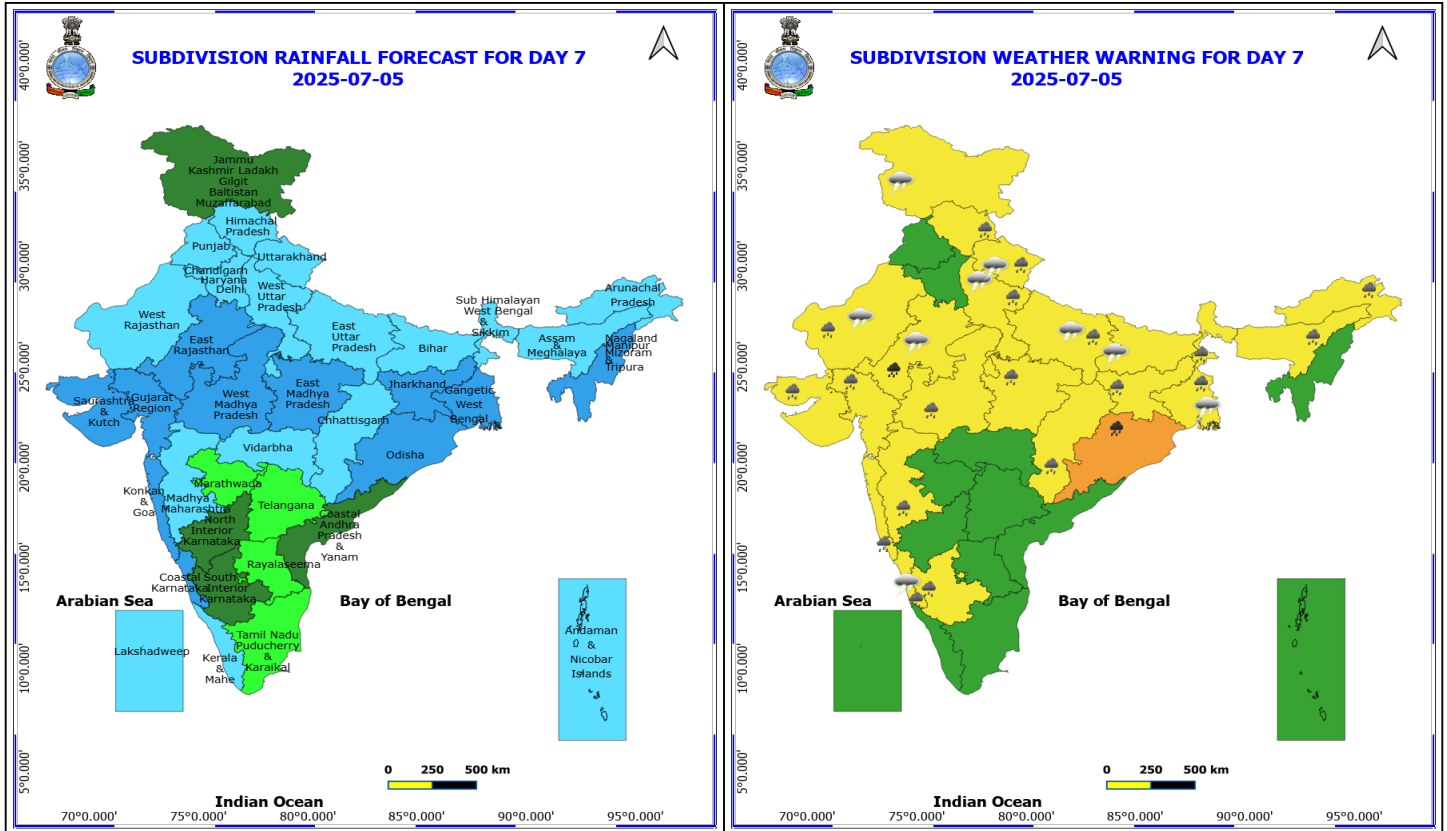
(Service to the nation since 1875)



4 July (Day 6)

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

No Fishermen Warning



5 July (Day 7)

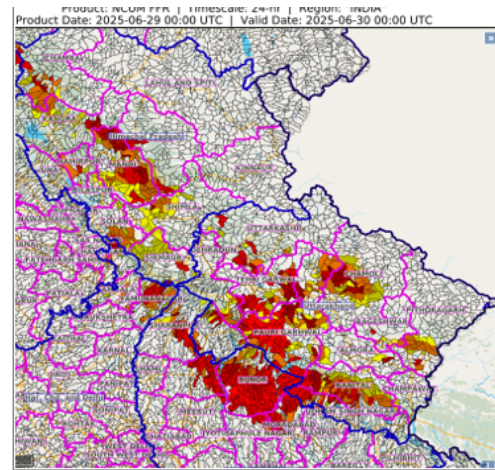
- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Gujarat Region, Konkan & Goa, Madhya Maharashtra, Nagaland, Manipur, Mizoram and Tripura, Odisha and Uttarakhand.
- ❖ **Heavy Rainfall** likely at isolated places over Bihar, Chhattisgarh, Coastal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

No Fishermen Warning

Flash Flood Warnings

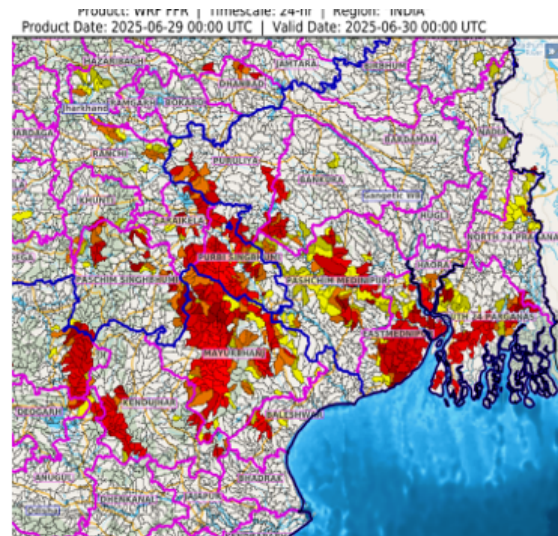
24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 30-06-2025 :

- Moderate to High flash flood risk likely over few watersheds & neighbourhoods of following Met Sub-divisions during next 24 hours.
- **Himachal Pradesh** - Kangra, Kinnaur, Kullu, Mandi, Shimla and Sirmaur districts.
- **Uttarakhand** - Almora, Bageshwar, Chamoli, Champawat, Dehradun, Haridwar, Nanital, Pauri Garhwal, Pithoragarh, Rudraprayag, Tehri Garwal, Udham Singh Nagar and Uttarkashi districts.
- **West Uttar Pradesh** - Bijnor, Pilibhit and Sharanpur districts.
- **Haryana - Chandigarh & Delhi** - Yamunanagar district.
- Surface runoff/ Inundation may occur at some fully saturated soils & low-lying areas over Area of Concern (AoC) as shown in map due to expected rainfall occurrence in next 24 hours.



24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 30-06-2025 :

- **Moderate to High flash flood risk** likely over few watersheds & neighbourhoods of following Met Sub-divisions during next 24 hours.
- **Odisha** - Anugul, Baleshwar, Deogarh, Jajapur, Kendujhar, Mayurbhanj, Sambalpur and Sundargarh districts.
- **Gangetic West Bengal** - Bankura, Eastmednipur, Haora, Hugli, North 24 Pragana, Pashchim Medinipur, Puruliya and South 24 Parganas districts.
- **Jharkhand** - Bokaro, East Singhbhum, Giridih, Gumla, Hazaribagh, Khunti, Koderma, Lohardaga, Ramgarh, Ranchi, Saraikela, Simdega and West Singhbhum 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	29- Jun	30- Jun	1- Jul	2- Jul	3- Jul	4- Jul	5- Jul
		Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
1	ANDAMAN & NICOBAR ISLANDS	WS	WS	WS	WS	WS	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	WS	WS	WS	WS	WS
5	S.H. WEST BENGAL & SIKKIM	FWS	FWS	WS	WS	WS	FWS	FWS
6	GANGETIC WEST BENGAL	WS	WS	WS	WS	FWS	FWS	WS
7	ODISHA	WS	WS	WS	WS	FWS	FWS	WS
8	JHARKHAND	WS	WS	WS	WS	WS	WS	WS
9	BIHAR	SCT	FWS	FWS	FWS	FWS	FWS	FWS
10	EAST UTTAR PRADESH	FWS	WS	WS	FWS	FWS	FWS	FWS
11	WEST UTTAR PRADESH	SCT	WS	WS	FWS	FWS	FWS	FWS
12	UTTARAKHAND	WS	WS	WS	FWS	FWS	FWS	FWS
13	HARYANA, CHD & DELHI	FWS	FWS	WS	WS	FWS	FWS	FWS
14	PUNJAB	FWS	FWS	WS	WS	FWS	FWS	FWS
15	HIMACHAL PRADESH	FWS	WS	WS	FWS	FWS	FWS	FWS
16	JAMMU AND KASHMIR AND LADAKH	SCT	SCT	SCT	SCT	SCT	SCT	SCT
17	WEST RAJASTHAN	ISOL	ISOL	ISOL	ISOL	SCT	FWS	FWS
18	EAST RAJASTHAN	SCT	SCT	SCT	FWS	FWS	WS	WS
19	WEST MADHYA PRADESH	FWS	FWS	FWS	WS	WS	WS	WS
20	EAST MADHYA PRADESH	FWS	FWS	FWS	WS	WS	WS	WS
21	GUJRAT REGION	WS	WS	WS	WS	WS	WS	WS
22	SAURASHTRA & KUTCH	WS	WS	WS	WS	WS	WS	WS
23	KONKAN & GOA	WS	WS	WS	WS	WS	WS	WS
24	MADHYA MAHARASHTRA	FWS	SCT	SCT	FWS	FWS	SCT	SCT
25	MARATHWADA	SCT	SCT	ISOL	ISOL	ISOL	ISOL	ISOL
26	VIDARBHA	SCT	SCT	SCT	FWS	WS	FWS	FWS
27	CHATTISGARH	FWS	SCT	FWS	FWS	FWS	FWS	FWS
28	COASTAL ANDHRA PRADESH	SCT	SCT	SCT	FWS	FWS	FWS	SCT
29	TELANGANA	ISOL	ISOL	ISOL	SCT	SCT	ISOL	ISOL
30	RAYALASEEMA	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
31	TAMILNADU & PUDUCHERRY	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
32	COSTAL KARNATAKA	WS	WS	WS	WS	WS	WS	WS
33	NORTH INTERIOR KARNATAKA	SCT	ISOL	ISOL	SCT	SCT	SCT	SCT
34	SOUTH INTERIOR KARNATAKA	SCT	ISOL	ISOL	SCT	FWS	FWS	SCT
35	KERALA	WS	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

*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 2025-06-29

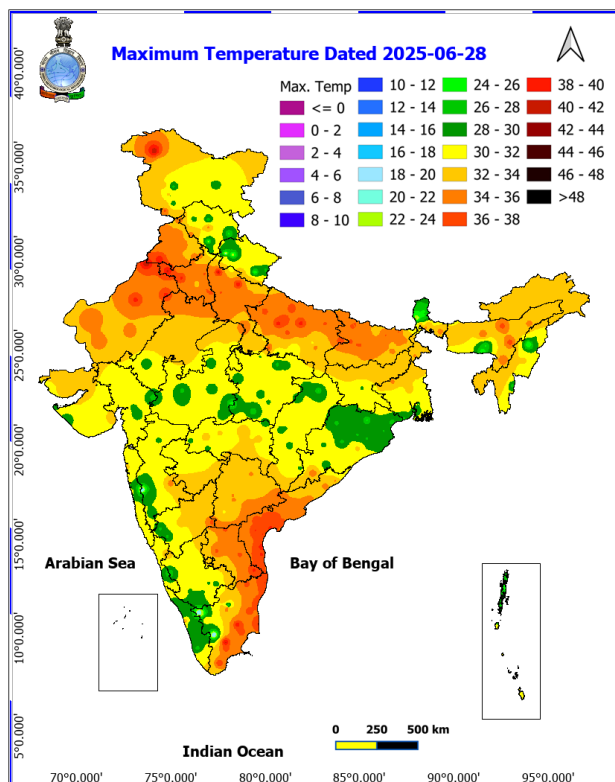


Fig. 2: Departure of Maximum Temp. Dated 2025-06-29

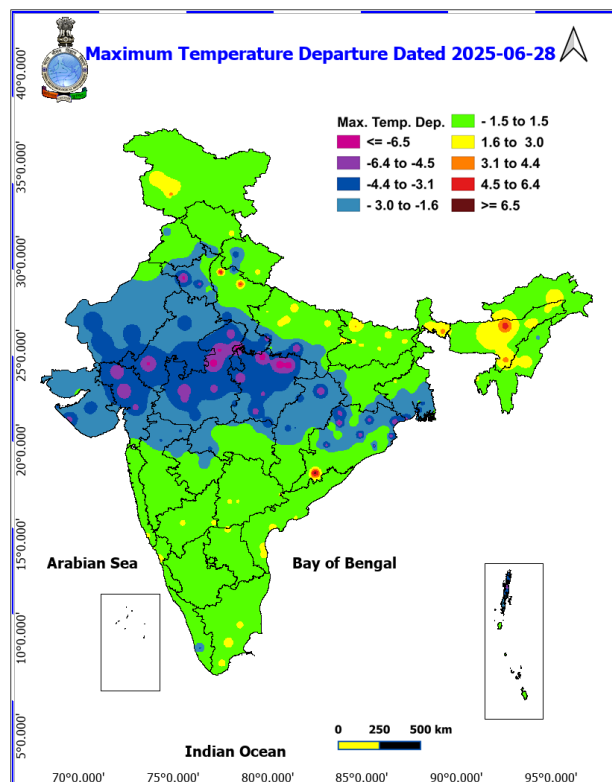


Fig. 3: Minimum Temperatures Dated 2025-06-29

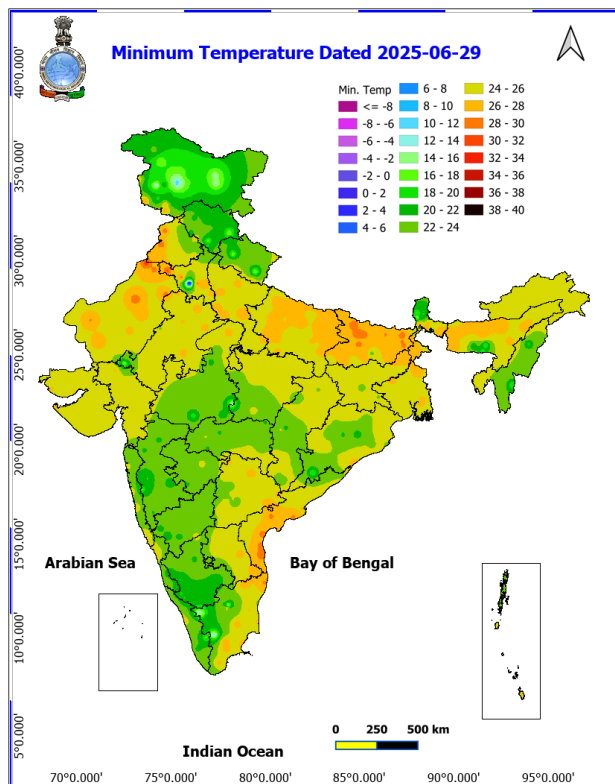
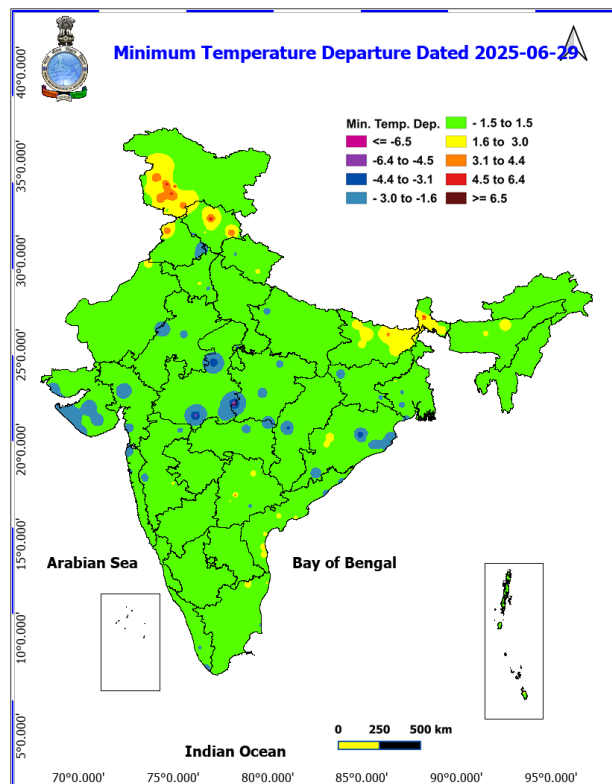
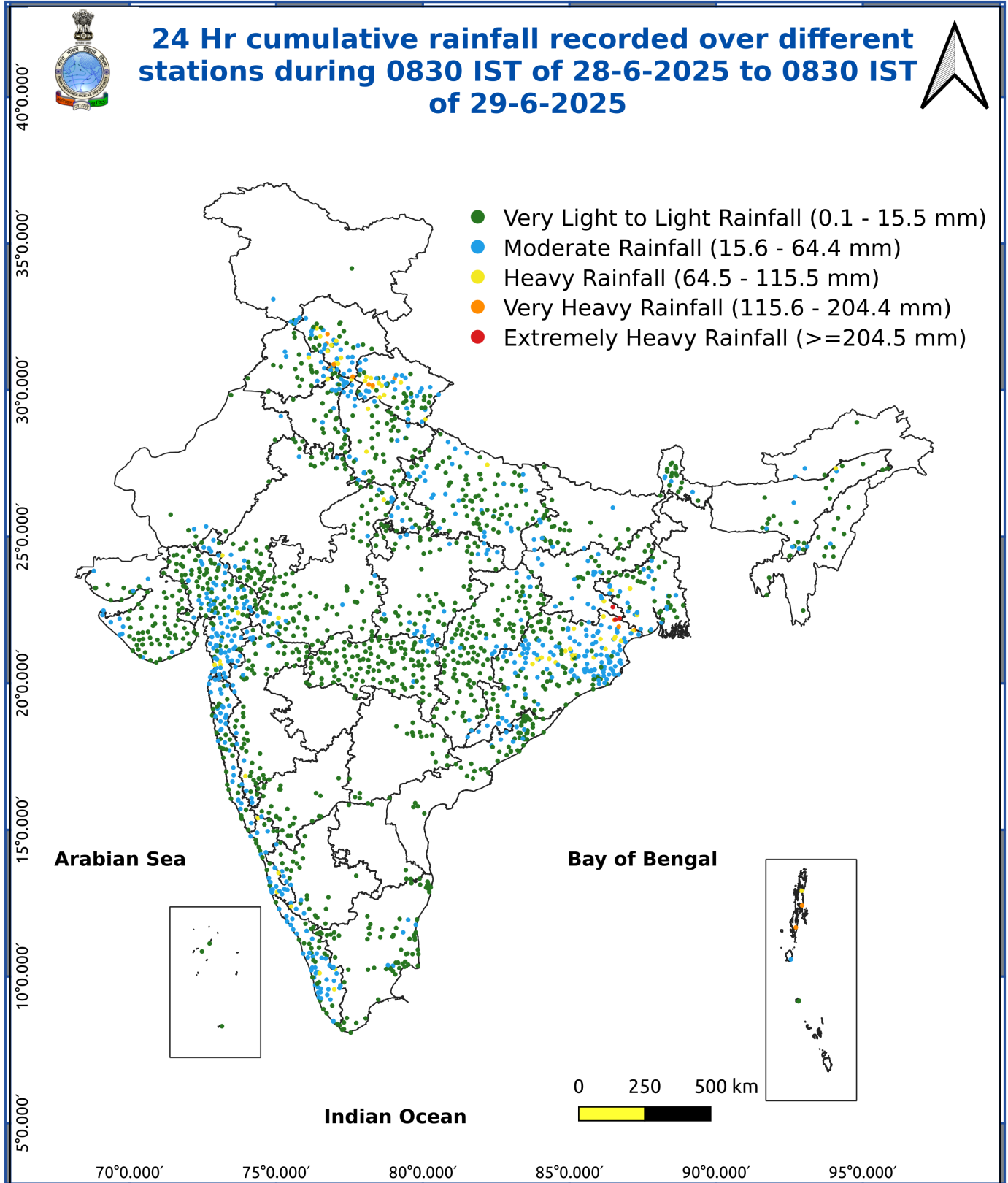


Fig. 4: Departure of Minimum Temp. Dated 2025-06-29





*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 & Action Suggested due to extremely heavy rainfall/ very heavy rainfall:

- **Extremely heavy rainfall (>20 cm/24 hours) likely at isolated places over Jharkhand on 29th & 30th June, Odisha on 29th June.**
- **Heavy to very heavy rainfall** at isolated places over **Uttarakhand during 29th June-03rd July, Himachal Pradesh**, Punjab, Haryana on 29th & 30th June; Gangetic West Bengal on 29th June, Odisha during 30th June-05th July, Jharkhand on 01st July, West Uttar Pradesh during 29th June-02nd July, Madhya Pradesh, Bihar during 30th June-02nd July, Vidarbha, Chhattisgarh, East Uttar Pradesh on 30th June & 01st July, East Rajasthan on 04th & 05th July, Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura during 02nd -05th July. over Konkan & Goa, Ghat areas of Madhya Maharashtra, Gujarat state during next 7 days.

Impact Expected

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

Action Suggested

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

Agromet advisories for various parts of the country

Agromet advisories for likely impact of Heavy / Heavy to Very Heavy / Extremely Heavy Rainfall

- In **Odisha**, postpone sowing of maize, green gram, papaya, banana and vegetable crops. Ensure proper drainage from already sown rice nurseries, fields of maize and vegetables to prevent waterlogging. Cover rice and vegetable nurseries with plastic sheets to prevent washing away of seeds. Provide strong wooden support for papaya and banana plants to avoid lodging due to strong winds.
- **Jharkhand** – Postpone sowing of pigeon pea, finger millet and paddy nurseries. Make necessary arrangements to drain out excess water from already sown maize fields, rice and vegetable nurseries. Cover the vegetable nursery with polythene sheets.
- **Gangetic West Bengal** - Make necessary arrangements to drain out excess water from the fields of rice nurseries and ginger to avoid water stagnation.
- In **Uttarakhand**, postpone sowing of rice nurseries. Ensure proper drainage facilities in pigeon pea, groundnut, maize, sugarcane, barnyard millet, finger millet, already sown rice nurseries, kidney beans, blackgram, green gram, vegetable and orchards. Harvest matured vegetables (pumpkin, tomato, okra, chilli, French bean etc.) and fruits and store in safe place. Tie the sugarcane plants together to avoid lodging. In **Bhabar and Tarai Zone of Uttarakhand**, postpone sowing of rice nurseries, soybean, kidney beans, blackgram and green gram. Keep the harvested produce of spring maize in safe place.
- In **Himachal Pradesh**, provide drainage in the fields of vegetables and fruit orchards. Remove weeds and lower leaves from tomato plants to reduce the occurrence of soil-borne diseases. Strengthen the support for creepers and tall vegetable crops (tomato, capsicum etc.). Harvest matured fruits of plum, pear, stone fruit and keep in safe places to minimize losses due to heavy rains. In **Mandi district**, postpone sowing of maize and

***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)



transplanting of rice. Drain out excess water from rice nurseries and already sown maize field.

- **Punjab** - Drain out excess water from cotton, maize fields and orchards.
- **West Uttar Pradesh**, postpone sowing of maize. Drain out excess water from already sown maize, rice nurseries, vegetables, pigeon pea and sugarcane. Tie the sugarcane plants together to avoid lodging. In **East Uttar Pradesh**, postpone sowing of pigeon pea and black gram. Drain out excess water from vegetables, late sown rice, nurseries groundnut, green gram and maize.
- In **Chhattisgarh**, ensure proper drainage in rice nurseries.
- In **Gujarat** make necessary arrangements to drain out excess water in already sown rice nurseries, sugarcane fields, banana and mango plantations to prevent waterlogging. Provide support to sugarcane and banana to prevent lodging. In **Saurashtra & Kutch**, drain out excess rain water from vegetable nurseries and horticultural plantations. Undertake propping in sugarcane with strong bamboo or tie the leaves together in a clump to protect against wind and heavy rain.
- In **Konkan & Goa**, make arrangements to drain out excess water from rice nurseries, fields of finger millet, groundnut and orchards to prevent waterlogging. In **ghat areas of Madhya Maharashtra**, drain out excess water from rice nurseries, vegetables and orchards to prevent waterlogging.
- In **West Madhya Pradesh**, postpone harvesting of maize. Postpone sowing of pearl millet, soybean, pigeon pea and paddy nurseries. Make necessary arrangements to drain out excess water from vegetables and orchards to avoid waterlogging. In **East Madhya Pradesh**, keep the harvested produce of maize, green gram and black gram in safe places. Ensure proper drainage in already sown / transplanted fields.
- In **Kerala**, ensure proper drainage facilities in rice nurseries, transplanted rice fields, coconut and banana plantations to prevent water logging. Undertake propping in banana to protect the plants from heavy rains.

Livestock / Fishery

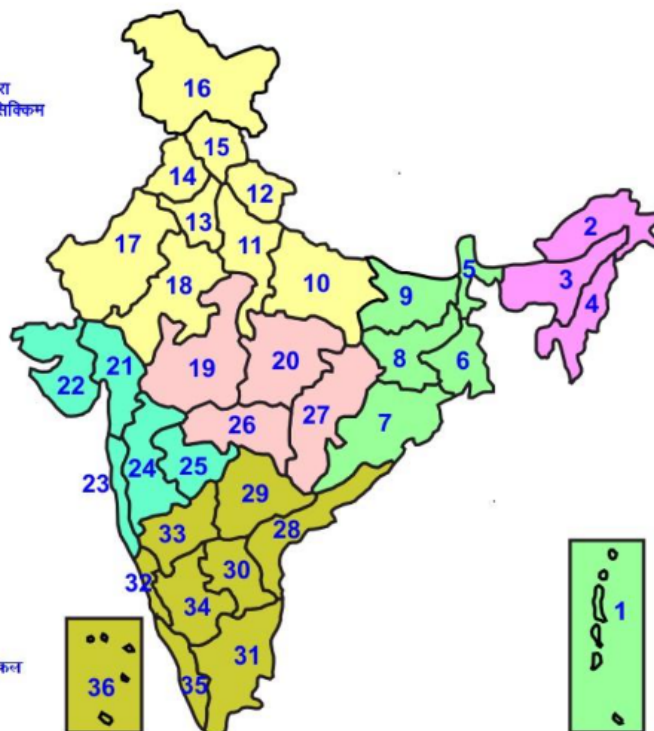
- Keep the animals inside the shed during heavy rainfall and provide them balanced feed.
- Store feed and fodder in a safe place to prevent spoilage.
- Construct an outlet with proper netting around the ponds to drain out excess water, thereby preventing fish from escaping in case of overflow.

Agromet advisories for likely impact of Thunderstorm / Gusty Winds / Squally Winds

- Provide mechanical support to horticultural crops and staking or support to vegetables and young fruit plants / fruit-bearing plants to avoid lodging due to strong winds.

LEGENDS

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



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

SPATIAL DISTRIBUTION (% of Stations reporting)


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


Subdivision Colour


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


Probabilistic Forecast


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


-  Heavy Rain


 Thunderstorm & Lightning


 Strong surface winds


 Cold Wave


 Hot & Humid


 Very Heavy Rain


 Hailstorm


 Heat Wave


 Cold Day


 Extremely Heavy Rain


 Dust Storm


 Hot Day

 Ground Frost

 Heavy Snow

 Dust Raising Winds

 Warm Night

 Fog

*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 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)

*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)