

2025-06-21

Time of Issue: 13:49:00 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 Madhya Pradesh on 23rd June.**
- Isolated **heavy to very heavy rainfall** also likely to continue over Madhya Pradesh during 21st-27th June.
- Isolated **heavy rainfall** over Sub-Himalayan West Bengal & Sikkim, Bihar during 21st-24th; Andaman & Nicobar Islands on 21st & 22nd; Jharkhand on 22nd, 24th & 25th; Odisha on 24th & 25th; Gangetic West Bengal on 22nd and during 24th-26th; Vidarbha during 24th-27th; Chhattisgarh on 21st and during 24th-27th June with **very heavy rainfall** over Sub-Himalayan West Bengal & Sikkim on 22nd; Chhattisgarh on 24th June.
- Light/moderate rainfall at most/many places accompanied with **thunderstorm, lightning & gusty winds speed reaching 40-50 kmph** likely over Andaman & Nicobar Islands; Madhya Pradesh, Vidarbha, Chhattisgarh, Gangetic West Bengal, Bihar, Jharkhand, Odisha during 21st-27th June.

West India:

- **Extremely heavy rainfall (>20 cm/24 hours) likely at isolated places over Gujarat Region on 21st June.**
- Isolated **heavy to very heavy rainfall** likely over Konkan & Goa, Madhya Maharashtra, Gujarat state during 21st-27th June.
- Light/moderate rainfall at most/many places likely over Gujarat State, Konkan & Goa, Madhya Maharashtra, Marathwada during 21st-27th June.

Northwest India:

- Isolated **heavy rainfall** likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh, Uttarakhand, East Rajasthan during 21st-27th; Punjab, Haryana, Chandigarh during 21st-26th; Uttar Pradesh during 21st-24th; West Rajasthan on 21st with **very heavy rainfall** over East Rajasthan during 21st-23rd; south Haryana, Punjab on 22nd; Uttar Pradesh on 22nd & 23rd; Himachal Pradesh, Uttarakhand during 22nd-25th June.
- Light/moderate rainfall at most/many places accompanied with **thunderstorm, lightning & gusty winds speed reaching 30-40 kmph** likely over Northwest India during 21st-27th June.

Northeast India:

- Light/moderate rainfall at many/most places accompanied with **thunderstorm, lightning and isolated heavy to very heavy rainfall** likely to continue over Northeast India during next 7 days.

South Peninsular India:

- Isolated **heavy rainfall** likely over Kerala & Mahe during 22nd-27th; Coastal Karnataka during 22nd-25th; South Interior Karnataka during 23rd-25th June.
- Light/moderate rainfall at many/some places over Kerala & Mahe, Lakshadweep, Coastal Karnataka; isolated to scattered rainfall accompanied with isolated **thunderstorm, lightning** over Coastal Andhra Pradesh & Yanam, Telangana, Interior Karnataka during 21st-25th June.

Maximum Temperature Forecast:

- No significant change in maximum temperatures likely over rest parts of the country.

Hot & Humid Conditions warnings:

***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)



- **Hot & Humidconditions** very likely in isolated pockets of Tamil Nadu on 21st & 22nd; Coastal Andhra Pradesh & Yanam, Rayalaseema during 21st-24th June.

Main Weather Observations:

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

❖ **Significant rainfall recorded(in cm)** (from 0830 hours IST of yesterday to 0830 hours IST of today): **Gujarat Region:** Jambughoda (dist Panchmahal) 20; Jetpur Pavi (dist Chhota Udepur) 13; Petlad (dist Anand) 9; Kaprada (dist Valsad) 8; Tarapur (dist Anand), Halol (dist Panchmahal) 7 Each; **West Madhya Pradesh:** Kathiwada (dist Alirajpur) 19; Bhabhra (dist Alirajpur) 17; Udaigarh (dist Alirajpur) 13; Badarwas (dist Shivpuri) 10; Karera (dist Shivpuri), Ranapur (dist Jhabua) 9 Each; Alirajpur (dist Alirajpur), Jabot (dist Alirajpur), Jhabua-aws (dist Jhabua), Badoda (dist Sheopur), Karhal (dist Sheopur) 8 Each; Guna-aws (dist Guna), Bamori (dist Guna) 7 Each; **East Rajasthan:** Niwai (dist Tonk) 16; Chaksu (dist Jaipur) 15; Chothkabarwara SR (dist Sawai Madhopur) 14; Uniara/aligarh (dist Tonk), Bundi (dist Bundi), Sikrai (dist Dausa) 12 Each; Kota-aero (dist Kota), Pipalda SR (dist Kota), Nadoti (dist Karauli), Phagi (dist Jaipur), Patan (dist Bundi) 11 Each; Badesar SR (dist Chittorgarh) 10; Talera SR (dist Bundi), Atru SR (dist Baran), Karauli (dist Karauli) 9 Each; Tonk Vanasthali (dist Tonk), Ladpura SR (dist Kota), Sawaimadhopur Tesil SR (dist Sawai Madhopur), Mozamabad SR (dist Jaipur) 7 Each; **East Uttar Pradesh:** Ghorawal (dist Sonbhadra) 14; Bhinga (dist Shrawasti) 11; Robertsganj (dist Sonbhadra), Manikpur (dist Chitrakoot) 7 Each; **Madhya Maharashtra:** Radhanagari (dist Kolhapur) 12; Shahuwadi (dist Kolhapur) 8; Mahabaleshwar (dist Satara), Ajra (dist Kolhapur), Gaganbawada (dist Kolhapur) 7 Each; **East Madhya Pradesh:** Sihawal (dist Sidhi) 12; Hanumana (dist Rewa) 9; Naigarhi (dist Rewa) 7; **Chhattisgarh:** Surajpur (dist Surajpur) 11; Manora (dist Jashpur), Patna (dist Koriya) 9 Each; Baikunthpur (dist Koriya), Shankargarh (dist Balrampur), Sanna (dist Jashpur) 7 Each; **Punjab:** Shahpur Kandi (dist Pathankot) 11; Madhopur (dist Pathankot) 7; **Himachal Pradesh:** Kangra AP (dist Kangra) 9; **Uttarakhand:** Narendranagar (dist Garhwal Tehri) 8; **Jharkhand:** Garhwa Kvk AWS (dist Garhwa), Jaganathpur Bau Kvk AWS (dist West Singhbhum), Barkagaon (dist Hazaribag) 8 Each; **Konkan & Goa:** Sawantwadi (dist Sindhudurg), Dahanu (dist Palghar) 8 Each; Sangameshwar Devrukh (dist Ratnagiri) 7; **Assam & Meghalaya:** Mawsynram (dist East Khasi Hills), Cherrapunji (dist East Khasi Hills) 8 Each; Chauldhowaghat (dist Lakhimpur), N.lakhimpur/Lilabari (dist Lakhimpur) 7 Each; **Coastal Karnataka:** Kadra (dist Uttara Kannada) 7; **Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad:** Kathua ARG (dist Kathua) 7; **West Uttar Pradesh:** Jhansi (dist Jhansi) 7; **Bihar:** Garhi (dist Jamui) 7.

❖ **Heavy Rainfall observed** (from 0830 hours IST of yesterday to 0830 hours IST of today): **Extremely heavy rain** at isolated places over Gujarat Region. **Heavy to very heavy rain** at isolated places over East Uttar Pradesh, East Rajasthan, West Madhya Pradesh, East Madhya Pradesh, Gujarat Region and Madhya Maharashtra. **Heavy rain** at isolated places over Assam & Meghalaya, Jharkhand, Bihar, West Uttar Pradesh, Uttarakhand, Punjab, Himachal Pradesh, Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad, West Rajasthan, Konkan & Goa, Chhattisgarh and Coastal Karnataka.

❖ **Minimum Temperature Departures (as on 21-06-2025):** **markedly above normal(> 5.1°C)** at many places over Himachal Pradesh and Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad; at isolated places over Assam & Meghalaya, Bihar, East Uttar Pradesh, West Uttar Pradesh, Punjab, East Madhya Pradesh and Saurashtra & Kutch. **appreciably above normal(3.1°C to 5.0°C)** at few places over Gujarat Region; at isolated places over Sub Himalayan West Bengal & Sikkim, Odisha, West Rajasthan, West Madhya Pradesh and Coastal Andhra Pradesh & Yanam. **above normal(1.6°C to 3.0°C)** at many places over Vidarbha and Coastal Karnataka; at few places over Konkan & Goa; at isolated places over Gangetic West Bengal, Haryana-Chandigarh-Delhi, Madhya Maharashtra, Telangana, Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe. **near normal(-1.5°C to 1.5°C)** at many places over Jharkhand and Chhattisgarh; at most places over Andaman & Nicobar Islands, Arunachal Pradesh, Nagaland, Manipur, Mizoram & Tripura, Uttarakhand, Marathwada, Rayalaseema, North Interior Karnataka, South Interior Karnataka and Lakshadweep; at isolated places over East Rajasthan. **The lowest minimum temperature** of 19.0°C is reported at MATHERAN (MAHARASHTRA) over the Plains of India.

❖ **Maximum Temperature Departures (as on 20-06-2025):** **markedly above normal(> 5.1°C)** at few places over Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad; at isolated places over Himachal Pradesh. **appreciably above normal(3.1°C to 5.0°C)** at isolated places over Odisha, Vidarbha, Coastal Andhra Pradesh & Yanam and Tamil Nadu,

*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)



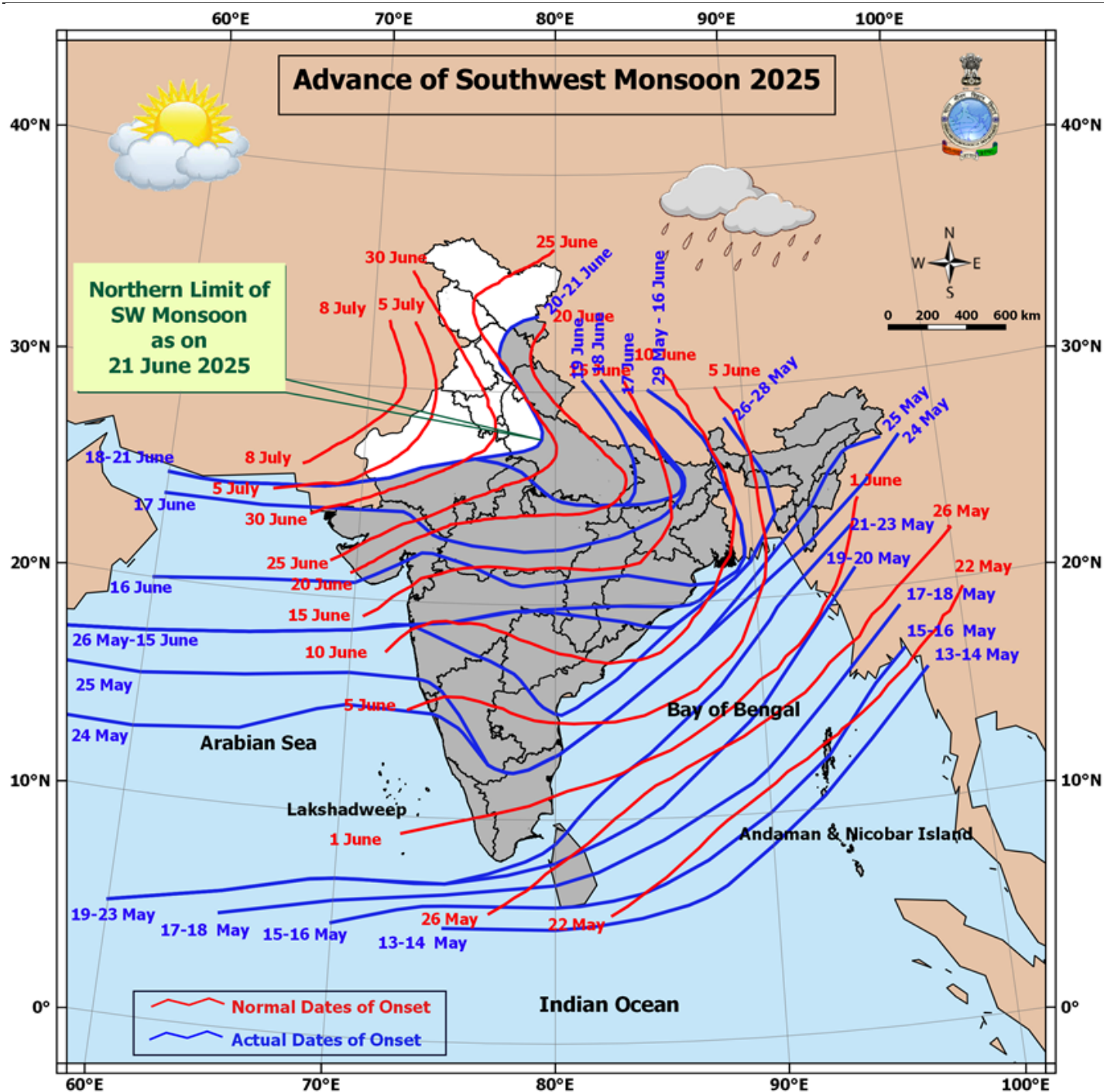
Puducherry & Karaikal. **above normal(1.6°C to 3.0°C)** at many places over Coastal Karnataka; at few places over Telangana and Rayalaseema; at isolated places over Assam & Meghalaya, Konkan & Goa and Kerala & Mahe. **near normal(-1.5°C to 1.5°C)** at many places over Andaman & Nicobar Islands, Sub Himalayan West Bengal & Sikkim, West Rajasthan, Saurashtra & Kutch and South Interior Karnataka; at most places over Arunachal Pradesh, Nagaland, Manipur, Mizoram & Tripura, Madhya Maharashtra, Marathwada, North Interior Karnataka and Lakshadweep; at few places over Gangetic West Bengal; at isolated places over Bihar, West Uttar Pradesh, Uttarakhand, Punjab, Gujarat Region and Chhattisgarh. **The highest maximum temperature** of 42.8°C was reported at SRIGANGANAGAR (RAJASTHAN).

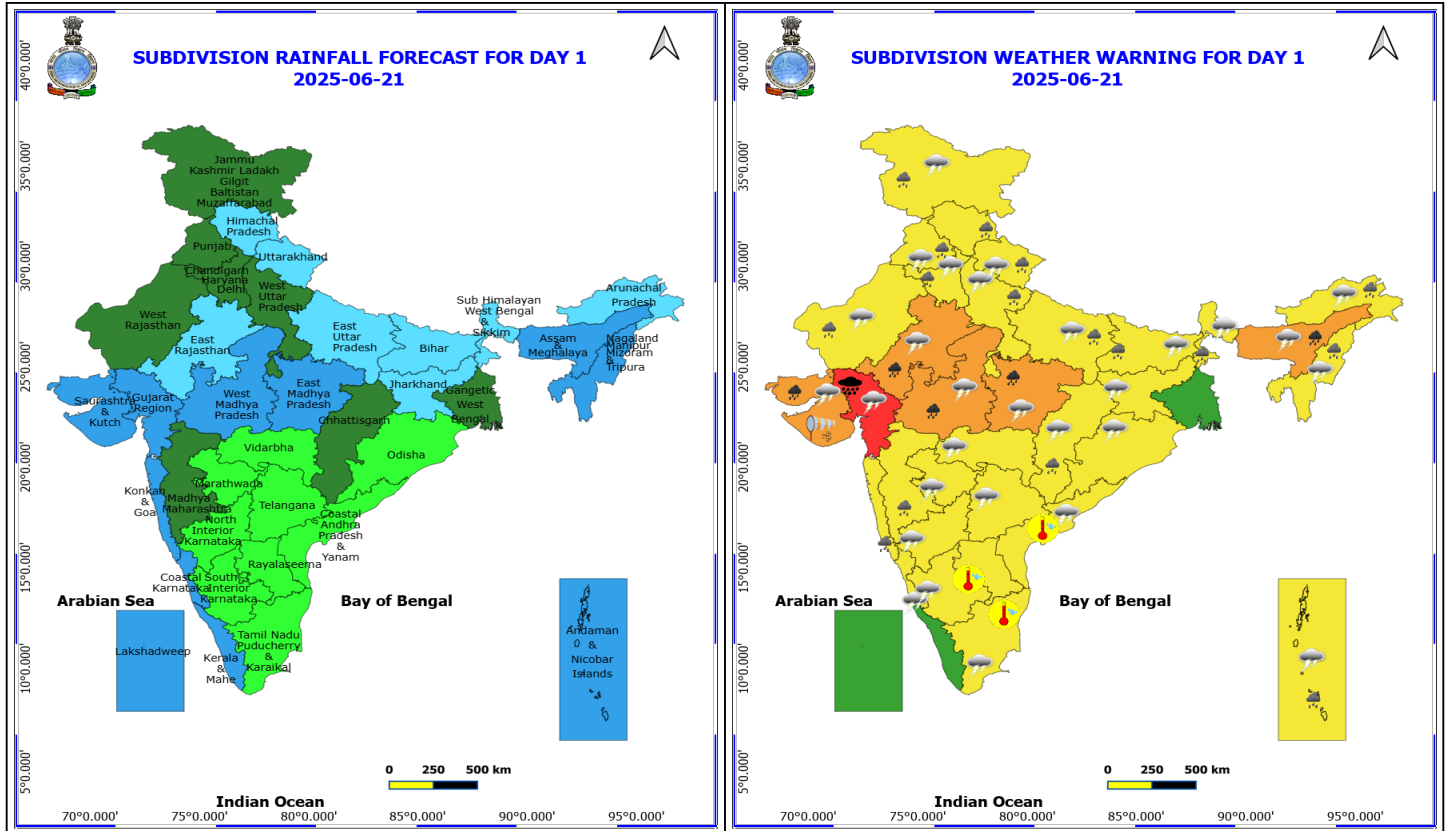
Meteorological Analysis (Based on 0830 hours IST)

- The Northern Limit of Monsoon continues to pass through 25.0°N/60.0°E, 25.0°N/65.0°E, 25.5°N/70.0°E, Jaipur, Agra, Rampur, Dehradun, Shimla, Manali and 33.5°N/79.0°E.
- Conditions are favourable for further advance of Southwest monsoon over remaining parts of North Arabian Sea, some more parts of Rajasthan, remaining parts of West Uttar Pradesh, Uttarakhand, Himachal Pradesh and some parts of Jammu & Kashmir-Gilgit-Baltistan-Muzaffarabad, some more parts of Ladakh during next 2 days. Conditions are also becoming favorable for further advance of southwest monsoon over remaining parts of Jammu & Kashmir, Ladakh, some parts of Punjab & Haryana and Chandigarh & Delhi during subsequent 2 days.
- The **low pressure area** over southwest Bihar & neighbourhood persists at 0830 hrs IST of today, the 21st June 2025. The associated upper air cyclonic circulation extended upto 7.6 km above mean sea level tilting southwards with height also persists. It is likely to move slowly northwestwards and weakened gradually during next 12 hours.
- The **upper air cyclonic circulation** over northeast Rajasthan & neighbourhood persists and now extends upto 1.5 km above mean sea level.
- The **trough** now runs from northeast Bangladesh to south Gujarat region across cyclonic circulation associated with low pressure area over southwest Bihar and central parts of Madhya Pradesh at 3.1 km above mean sea level.
- An **upper air cyclonic circulation** lies over central parts of Assam at 1.5 km above mean sea level.
- The **east-west trough** now runs from central Pakistan to the above upper air cyclonic circulation over central Assam across northwest Rajasthan, cyclonic circulation over northeast Rajasthan, North Madhya Pradesh, cyclonic circulation associated with low pressure area over southwest Bihar, Gangetic West Bengal and Meghalaya at 1.5 km above mean sea level.
- An **upper air cyclonic circulation** likely to form over Gangetic West Bengal & neighbourhood around 25th June.

Weather Outlook for subsequent 3 days

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





21 June (Day 1)

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

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

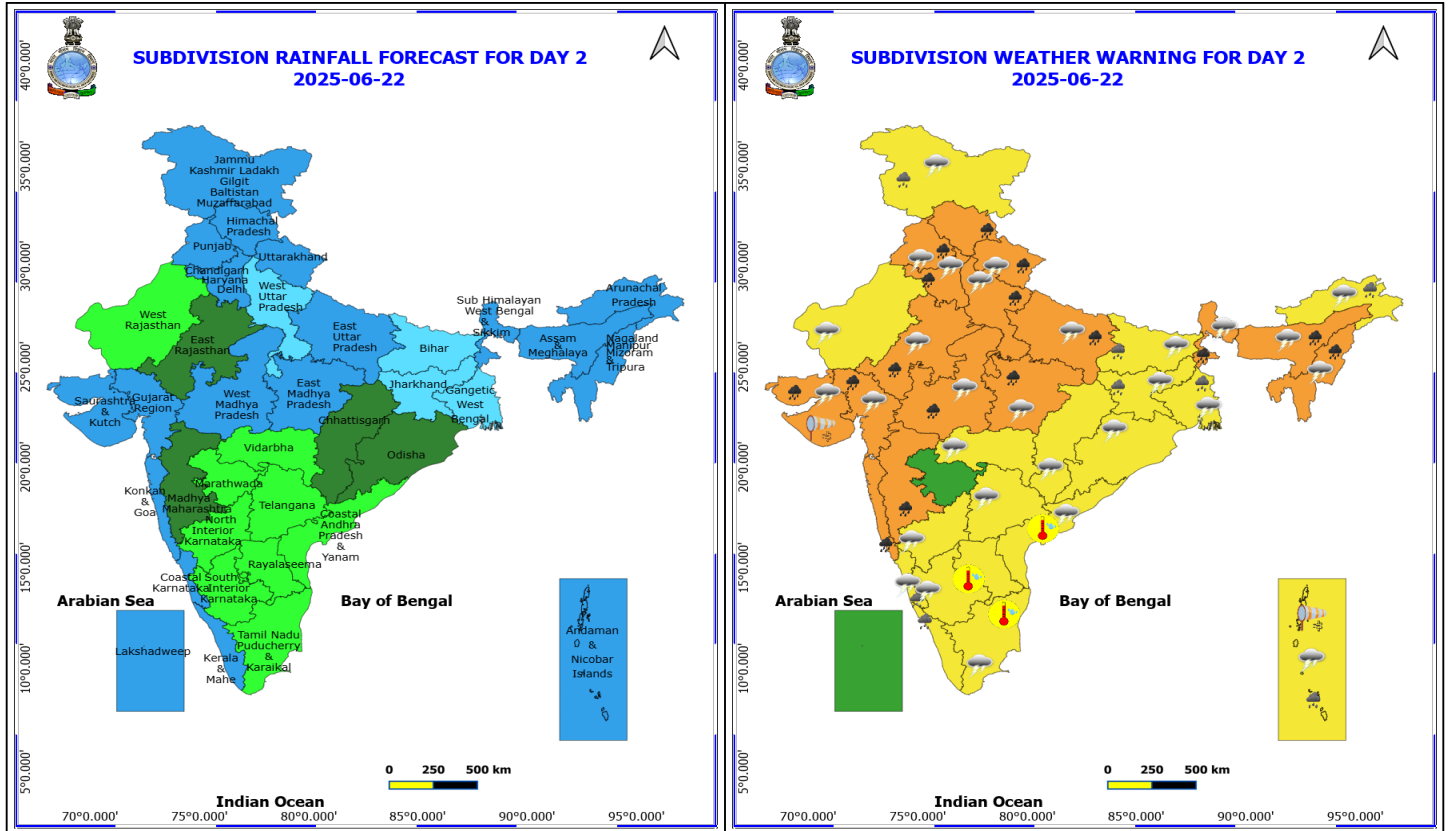
Forecast and warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day

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

(Service to the nation since 1875)

Karaikal.

- ❖ **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, some parts of eastcentral, adjoining north Arabian Sea.
- ❖ **Squally weather with wind speed 40 - 50 kmph gusting to 60 kmph** likely to prevail over most parts of eastcentral & adjoining areas of northeast Arabian Sea, adjoining & some parts of westcentral Arabian Sea, along and off Gujarat, north Konkan coast, along and off north Andhra Pradesh coast, many parts of central bay of Bengal, many parts of southwest and adjoining southeast Bay of Bengal, along and off Sri Lanka coast.
- ❖ **Squally weather with wind speed reaching 45 kmph to 55 kmph gusting to 65 kmph** likely to prevail over western parts of eastcentral & adjoining westcentral Arabian Sea.



22 June (Day 2)

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

*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

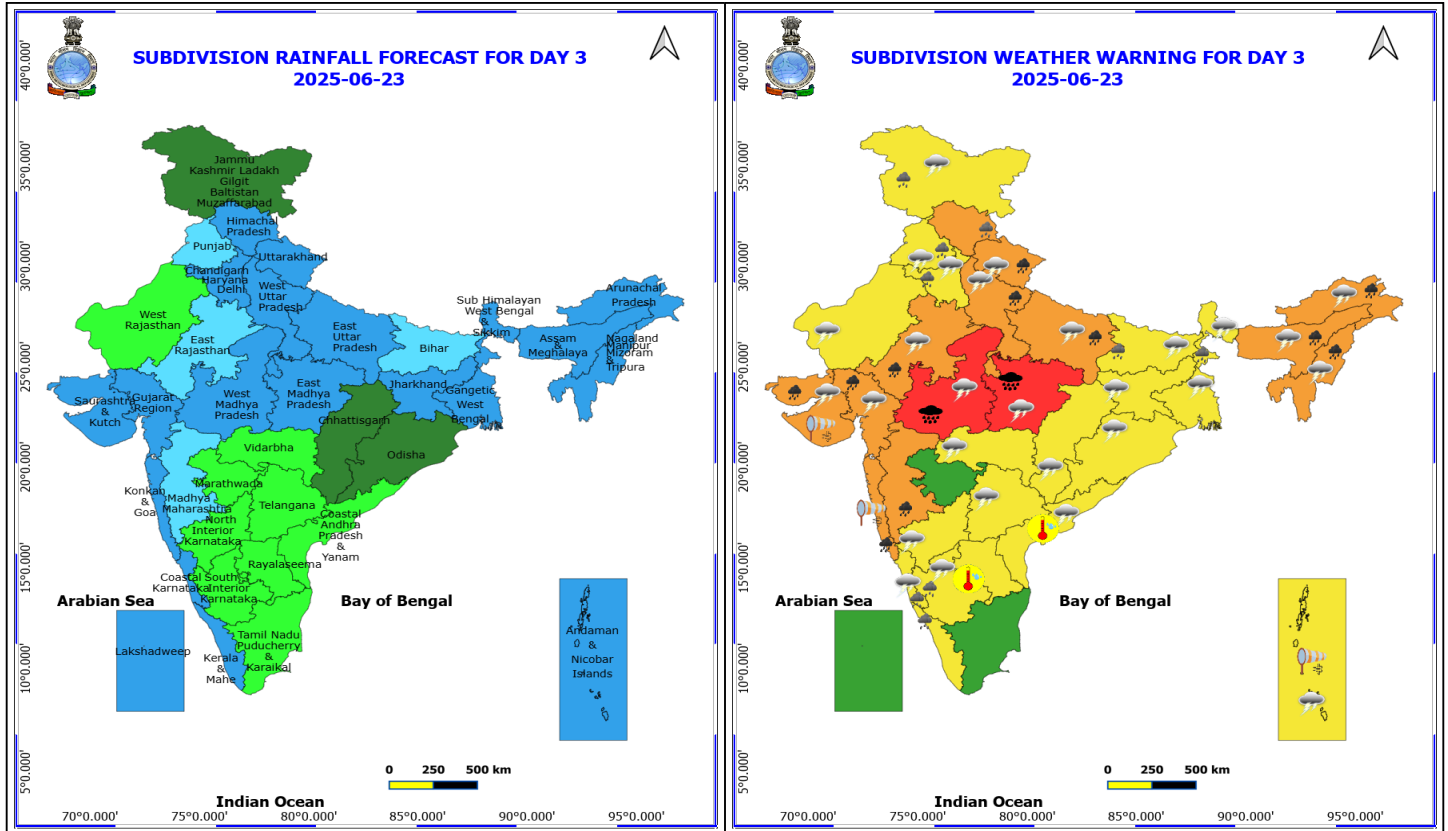
For more details kindly visit <https://mausam.imd.gov.in> or contact 011-2434-4599

(Service to the nation since 1875)

❖ **Squally 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, some parts of eastcentral, adjoining north Arabian Sea & adjoining southwest Arabian Sea.

❖ **Squally weather with wind speed 40 - 50 kmph gusting to 60 kmph** likely to prevail over most parts of eastcentral & adjoining areas of northeast Arabian Sea, adjoining & some parts of westcentral Arabian Sea, along and off Gujarat, Konkan coast, along and off north & adjoining south Andhra Pradesh coasts, many parts of central Bay of Bengal, many parts of southwest and some parts of southeast Bay of Bengal, along and off Sri Lanka coast, over Andaman Sea.

❖ **Squally weather with wind speed reaching 45 kmph to 55 kmph gusting to 65 kmph** likely to prevail over western parts of eastcentral & adjoining westcentral Arabian Sea.2



23 June (Day 3)

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

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

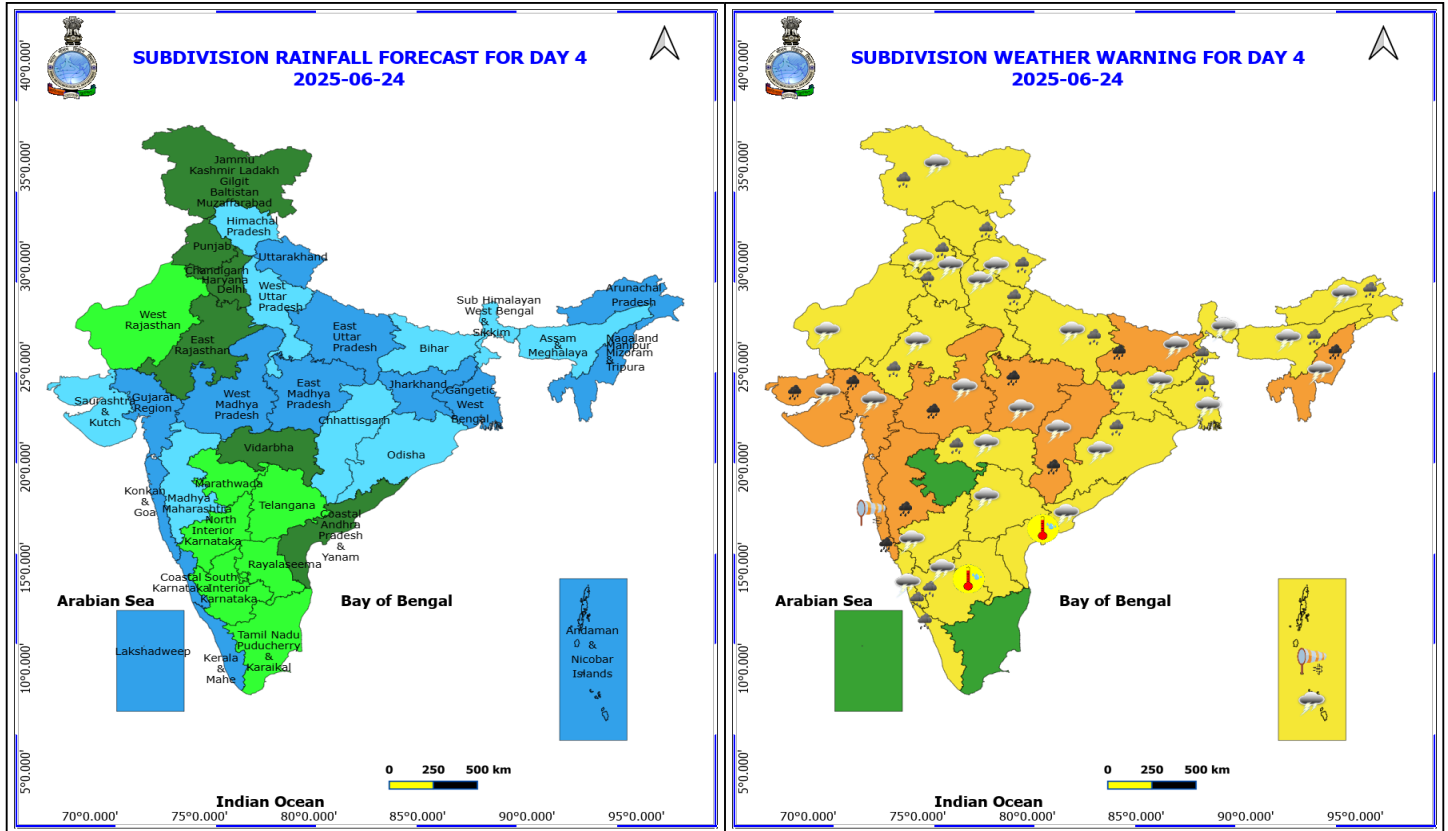
Forecast and warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day

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

(Service to the nation since 1875)



- **Squally 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, some parts of eastcentral, adjoining north Arabian Sea & adjoining southwest Arabian Sea.
- **Squally weather with wind speed 40 - 50 kmph gusting to 60 kmph** likely to prevail over most parts of eastcentral & adjoining areas of northeast Arabian Sea, adjoining & some parts of westcentral Arabian Sea, along and off Gujarat, Konkan coast, along and off north & adjoining south Andhra Pradesh coasts, many parts of central Bay of Bengal, many parts of southwest and some parts of southeast Bay of Bengal, along and off Sri Lanka coast, over Andaman Sea.
- **Squally weather with wind speed 55 - 55 kmph gusting to 65 kmph** is likely to prevail over western parts of eastcentral & adjoining westcentral Arabian Sea, some parts of westcentral Bay of Bengal.



24 June (Day 4)

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

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

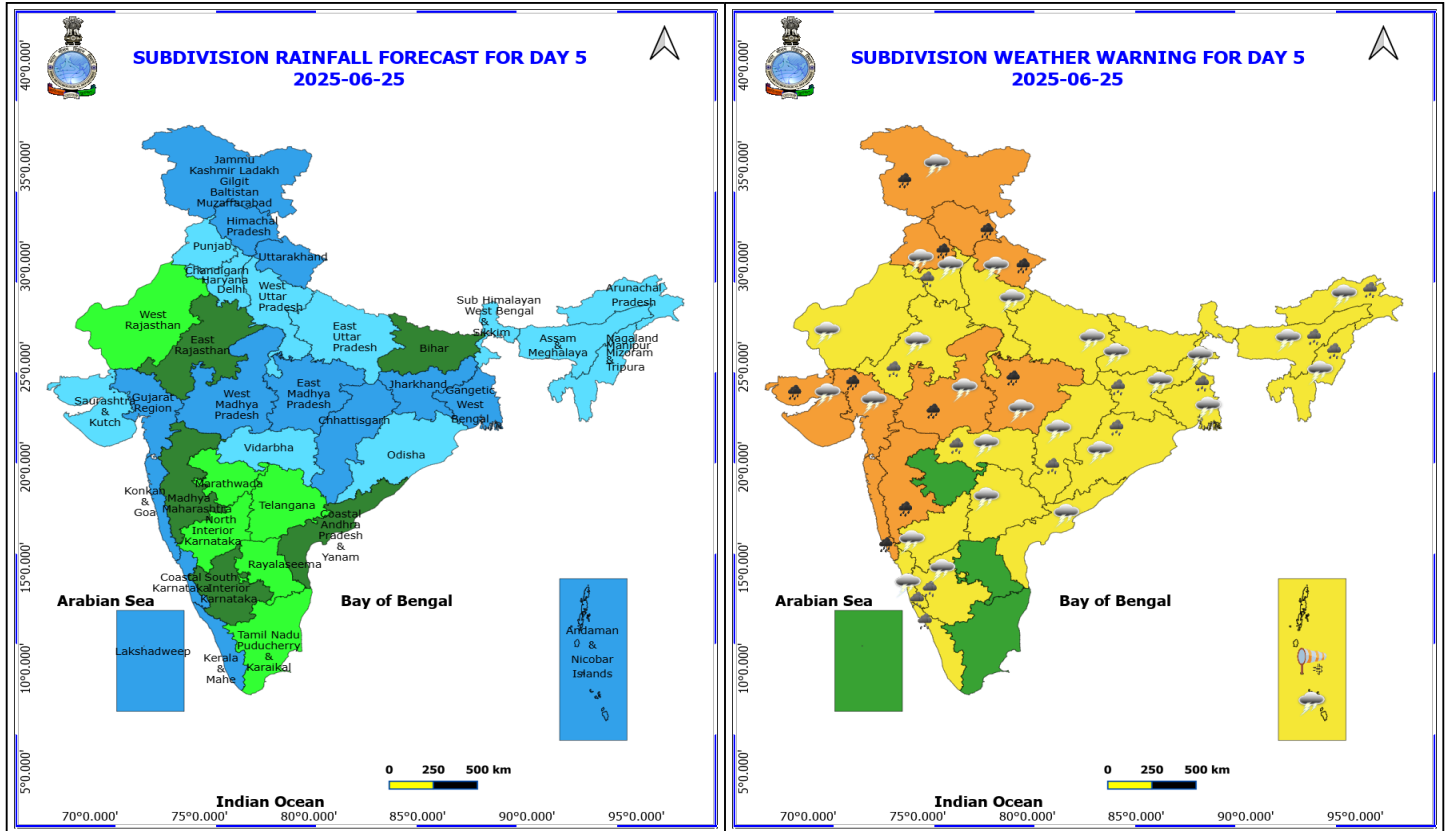
Forecast and warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day

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

(Service to the nation since 1875)

eastcentral, adjoining north Arabian Sea & adjoining southwest Arabian Sea.

- **Squally weather with wind speed 40 - 50 kmph gusting to 60 kmph** likely to prevail over most parts of eastcentral & adjoining areas of westcentral, northeast, south Arabian Sea, along and off Gujarat, Konkan coast, off Andhra Pradesh, Odisha, West Bengal coasts, many parts of northwest Bay of Bengal, many parts of central Bay of Bengal, some parts of southwest Bay of Bengal, along and off Sri Lanka coast, over Andaman Sea.
- **Squally weather with wind speed 45 - 55 kmph gusting to 65 kmph** is likely to prevail over western parts of eastcentral & adjoining westcentral Arabian Sea.



25 June (Day 5)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Gujarat State, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Konkan & Goa, Madhya Maharashtra, Madhya Pradesh, Punjab and Uttarakhand.
- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Coastal Karnataka, East Rajasthan, Gangetic West Bengal, Haryana, Chandigarh & Delhi, Jharkhand, Kerala & Mahe, Nagaland, Manipur, Mizoram and Tripura, Odisha, South Interior Karnataka and Vidarbha.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands, Bihar and Odisha.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Coastal Karnataka, Gangetic West Bengal, Interior Karnataka, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Rajasthan, Telangana, Uttar Pradesh, Uttarakhand and West Madhya Pradesh.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Coastal Andhra Pradesh, East Madhya Pradesh, Gujarat State, Haryana, Chandigarh & Delhi, Jharkhand, Nagaland, Manipur, Mizoram and Tripura, Punjab, Sub Himalayan West Bengal & Sikkim and Vidarbha.
- ❖ **Strong Surface Winds** likely at isolated places over Andaman & Nicobar Islands.
- **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, some parts of eastcentral, adjoining north Arabian Sea & adjoining southwest Arabian Sea.
- **Squally weather with wind speed 40 - 50 kmph gusting to 60 kmph** likely to prevail over most parts of

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

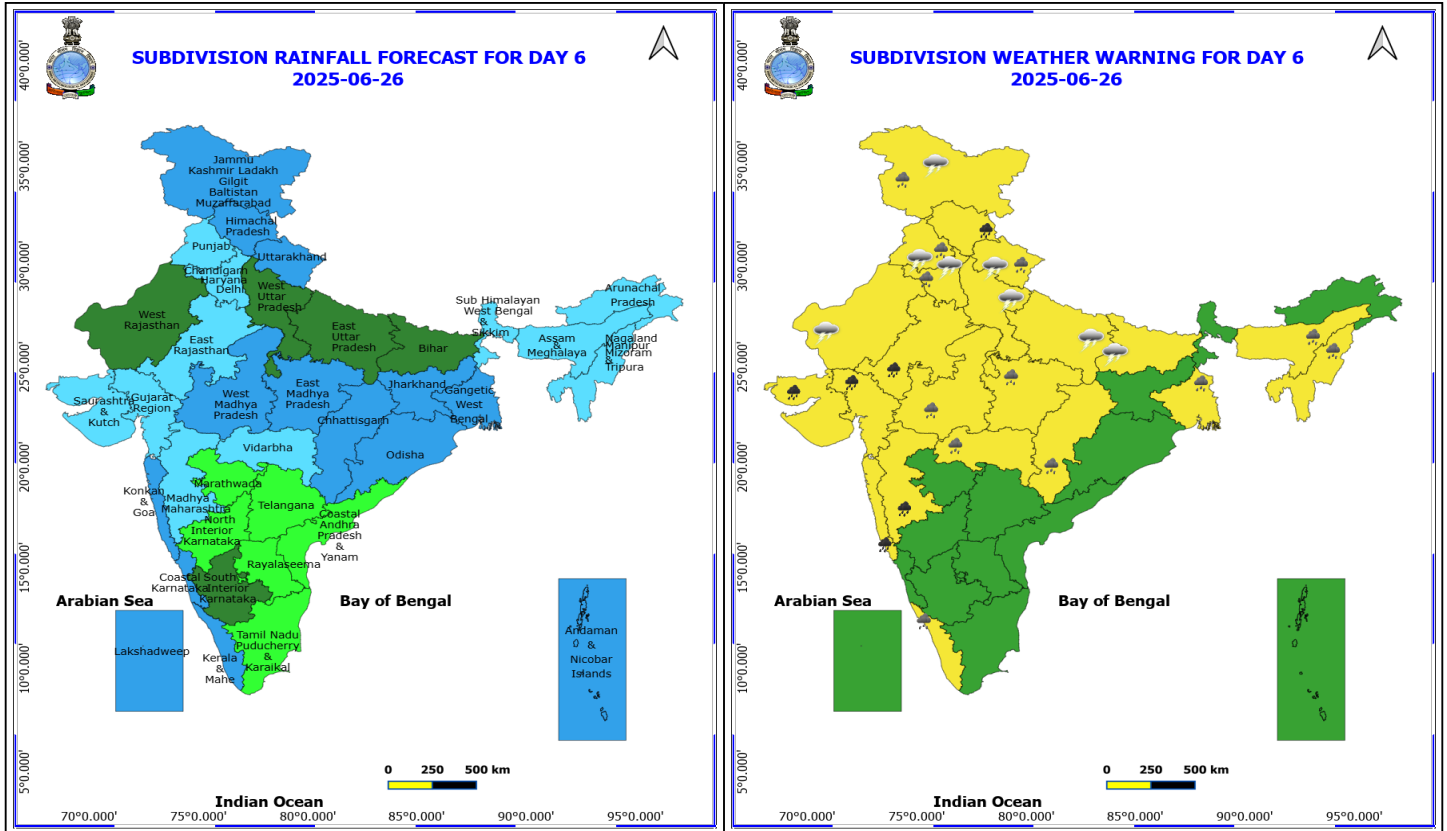
Forecast and warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day

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

(Service to the nation since 1875)

eastcentral & adjoining areas of westcentral, northeast, south Arabian Sea, off Gujarat, Konkan coast, along and off Odisha, West Bengal coasts, many parts of northwest Bay of Bengal, some parts of central Bay of Bengal, some parts of southwest Bay of Bengal.

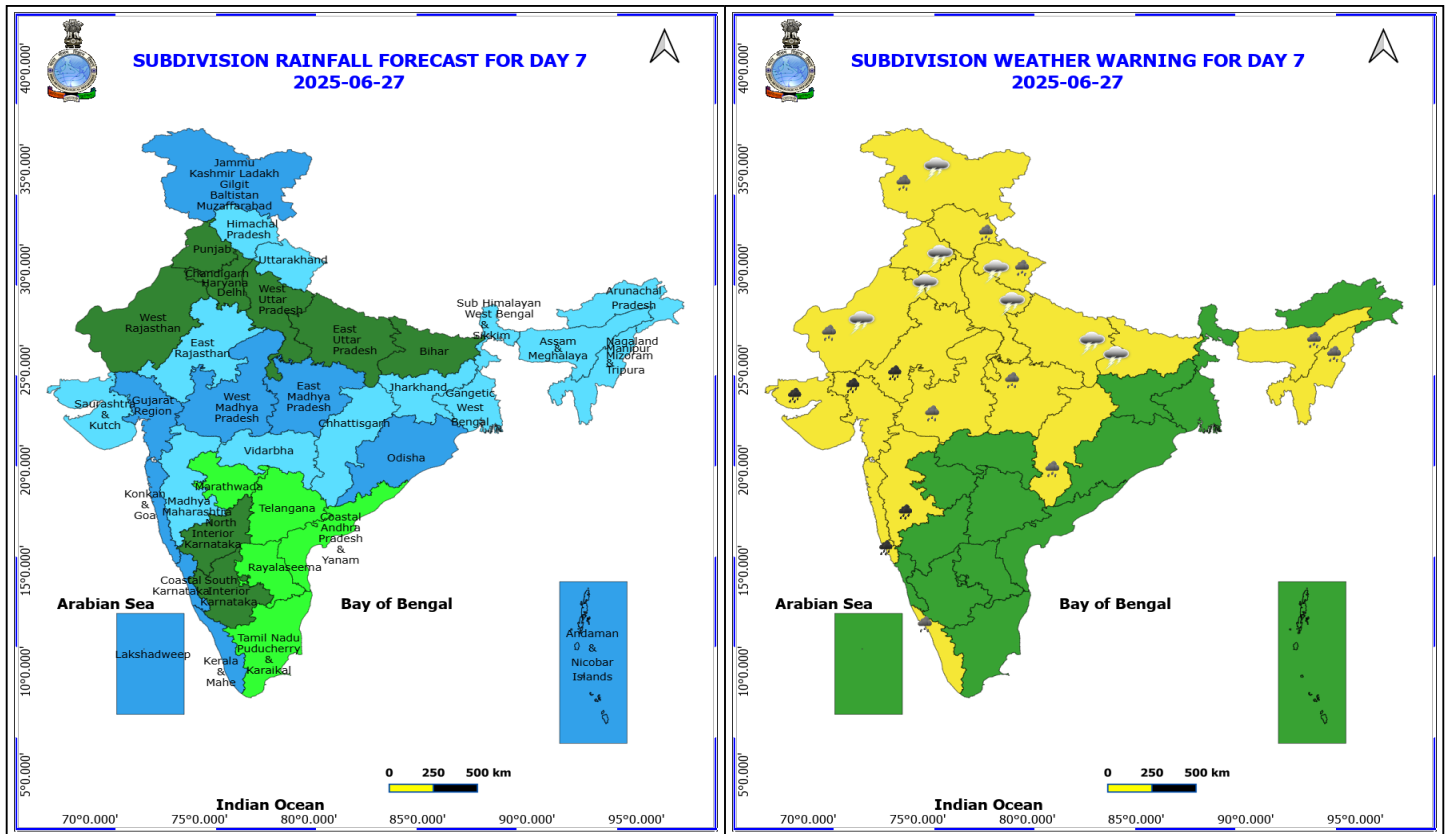
- **Squally weather with wind speed 45 - 55 kmph gusting to 65 kmph** is likely to prevail over western parts of eastcentral & adjoining westcentral Arabian Sea.



26 June (Day 6)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over East Rajasthan, Gujarat State, Himachal Pradesh, Konkan & Goa and Madhya Maharashtra.
- ❖ **Heavy Rainfall** likely at isolated places over Assam & Meghalaya, Chhattisgarh, Gangetic West Bengal, Haryana, Chandigarh & Delhi, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Kerala & Mahe, Madhya Pradesh, Nagaland, Manipur, Mizoram and Tripura, Punjab, Uttarakhand and Vidarbha.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Bihar.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Uttar Pradesh, Uttarakhand and West Rajasthan.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Haryana, Chandigarh & Delhi and Punjab.

No Fishermen Warning



27 June (Day 7)

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

No Fishermen Warning

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

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 2025-06-21

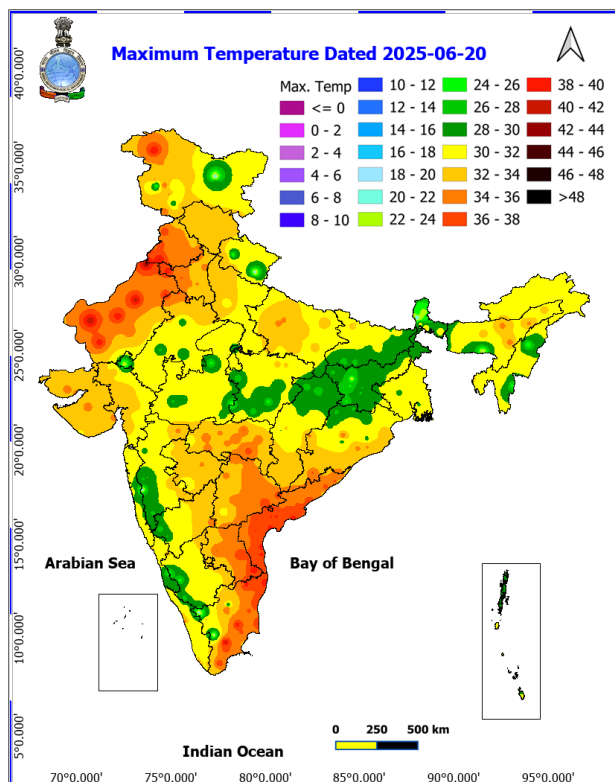


Fig. 2: Departure of Maximum Temp. Dated 2025-06-21

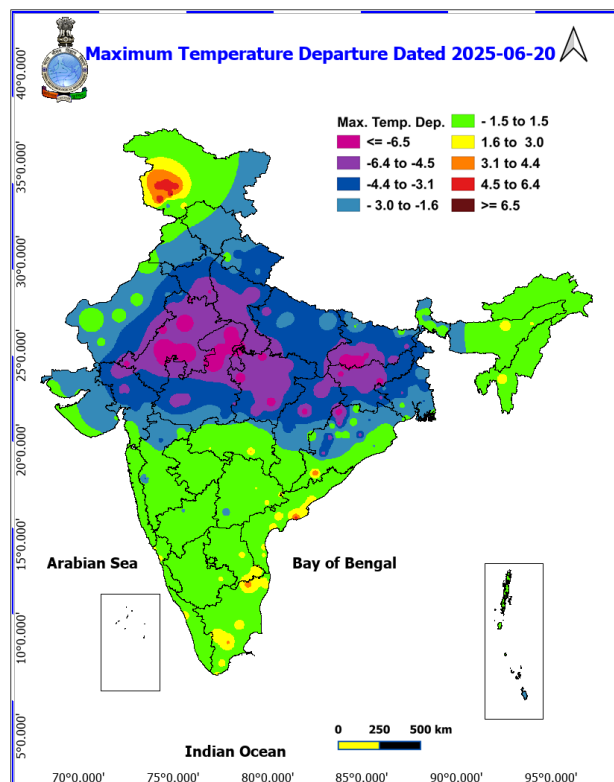


Fig. 3: Minimum Temperatures Dated 2025-06-21

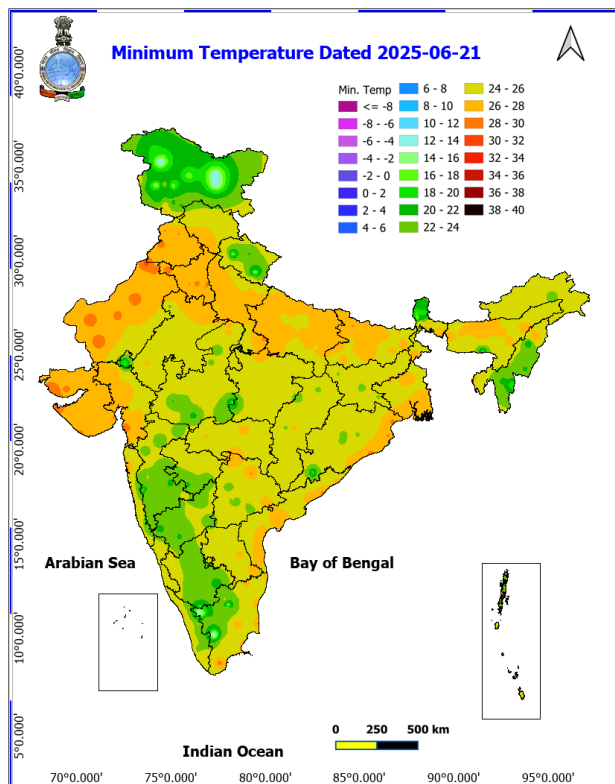
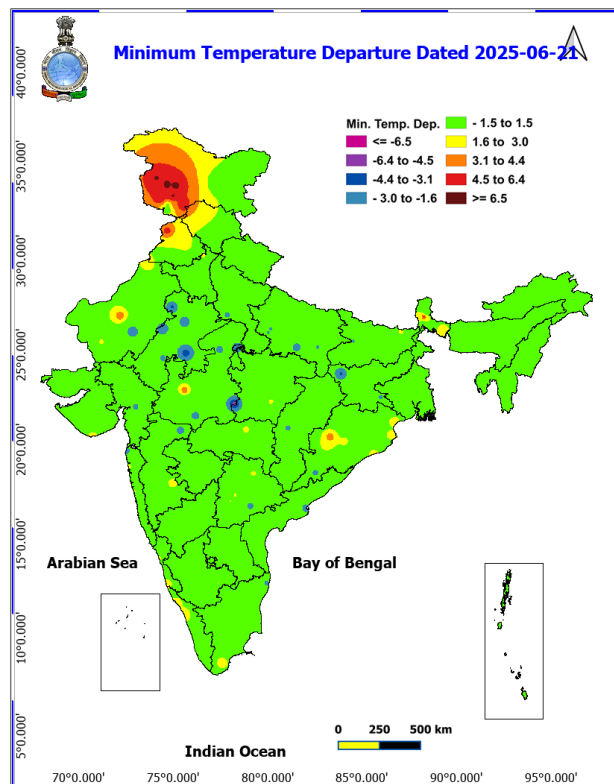
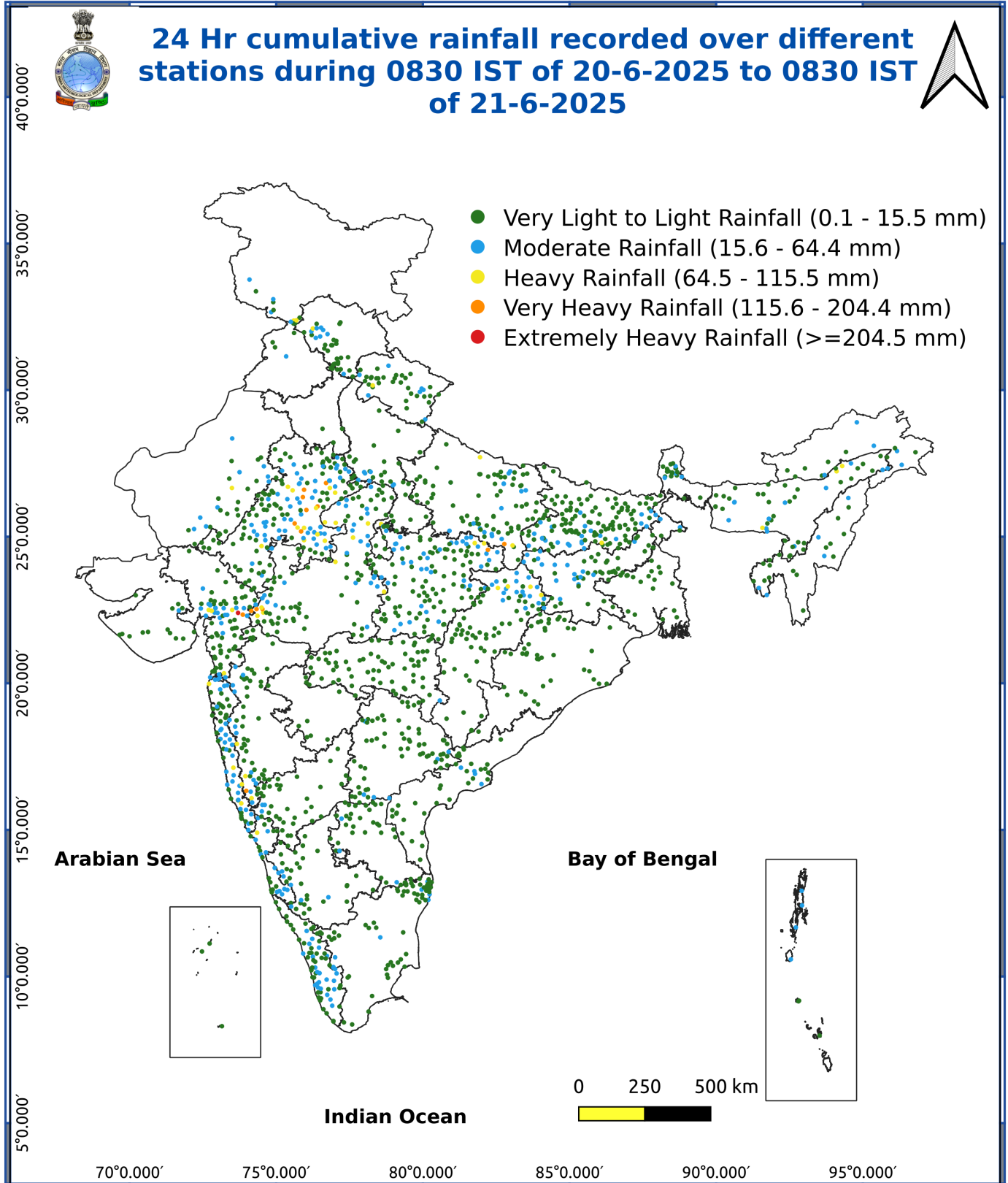


Fig. 4: Departure of Minimum Temp. Dated 2025-06-21





*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)

Extremely heavy rainfall (>20 cm/24 hours) likely at isolated places over Gujarat Region on 21st ; Madhya Pradesh on 23rd June.

- **Very heavy rainfall** also likely to continue over Madhya Pradesh, Konkan & Goa, Madhya Maharashtra, Gujarat state during 21st-27th; over East Rajasthan during 21st-23rd; south Haryana, Punjab on 22nd; Uttar Pradesh on 22nd & 23rd; Himachal Pradesh, Uttarakhand during 22nd-25th June, over Sub-Himalayan West Bengal & Sikkim on 22nd; Chhattisgarh on 24th June

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/landslides/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 **South Gujarat**, postpone nursery sowing of rice. Ensure proper drainage facilities in already sown rice nurseries, sugarcane fields, banana and mango plantations to prevent waterlogging. Provide support to sugarcane and banana to prevent lodging.
- In **Kymore Plateau and Satpura Hill Zone of East Madhya Pradesh**, harvest matured green gram and black gram crop and store in a safe place. In **Gird Zone of West Madhya Pradesh**, harvest matured maize crop and keep it in safe place. Postpone sowing of soybean and transplanting of chilli, tomato, brinjal etc. and ensure proper drainage in already sown / transplanted fields.
- In **Uttarakhand**, make proper drainage channels in rice nurseries, pigeon pea, groundnut, maize, soybean, barnyard millet and finger millet to avoid waterlogging. In **Bhabar and Tarai Zone of Uttarakhand**, harvest matured spring maize crop and vegetables (pumpkin, tomato, okra, chilli, French bean etc.) and store in safe place.
- In **Sub-Montane and Low Hills Sub-Tropical Zone of Himachal Pradesh**, provide drainage in maize and vegetable fields. Strengthen the support for creepers and tall vegetable crops (tomato, capsicum etc.). In **Mid Hills Sub-Humid Zone of Himachal Pradesh**, harvest matured fruits of plum to minimize losses due to heavy rains. Make proper drainage channels in the fields of maize, cucumber and tomato to avoid waterlogging. Provide support to cucumber vines and tomato plants to prevent lodging.
- In **East Uttar Pradesh**, make necessary arrangement to protect paddy nurseries from the adverse impacts of heavy rainfall. In **West Uttar Pradesh**, make arrangement to drain out excess water from the fields of pigeon pea and vegetables. Provide support to bottle gourd vegetables.
- In **East Rajasthan**, harvest the matured vegetables such as okra and cucurbits and store them in safe place. Make arrangement for draining out excess water from the fields of groundnut and green gram crop.

*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 **Konkan & Goa** make arrangement 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 and banana plantations prevent waterlogging.
- In **North Chhattisgarh**, ensure proper drainage in rice nurseries.
- In **Assam**, keep the harvested produce of sesame, foxtail millet, *Boro* rice, banana and citrus at safer places. Ensure proper drainage in *Sali* rice nursery, maize and sugarcane fields, arecanut and coconut plantations to prevent waterlogging. In **Barak Valley Zone of Assam**, postpone nursery sowing of *Sali* rice.
- In **Meghalaya**, postpone nursery sowing of rice especially in valleys. Ensure proper drainage in the fields of maize, ginger, French bean, cowpea, vegetables and around rice nurseries to prevent waterlogging. Provide strong bamboo stakes or trellis support to cow pea, cucumber and bottle gourd to prevent vines from trailing on wet ground. Provide support to banana plant to prevent lodging.
- In **Arunachal Pradesh**, keep the harvested produce of soybean and vegetables such as chilli and okra at a safer place. Ensure proper drainage in rice nurseries, kiwi and apple orchards to avoid waterlogging.
- In **Nagaland**, avoid transplanting of TRC/WRC rice. Postpone sowing of soybean. Provide proper staking to vine type plants.
- In **Tripura**, use sandbags to protect seedbeds of *Aus* paddy from waterlogging. Provide support to banana, papaya and young fruit plants to prevent lodging.
- In **Sub-Himalayan West Bengal**, maintain proper drainage channels in rice nurseries and fields of jute and ginger to avoid water stagnation.
- In **Jharkhand**, make necessary arrangements to drain out excess water from maize fields, rice and vegetable nurseries.

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

SPATIAL DISTRIBUTION (% of Stations reporting)

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

Subdivision Colour

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

Probabilistic Forecast

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

-  Heavy Rain

 Thunderstorm & Lightning

 Strong surface winds

 Cold Wave

 Hot & Humid

 Very Heavy Rain

 Hailstorm

 Heat Wave

 Cold Day

 Extremely Heavy Rain

 Dust Storm

 Hot Day

 Ground Frost

 Heavy Snow

 Dust Raising Winds

 Warm Night

 Fog

*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)