

2025-06-22

Time of Issue: 14:15 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 West Madhya Pradesh on 23rd & 24th June.**
- ✓ Isolated **heavy to very heavy rainfall** also likely to continue over Madhya Pradesh during 22nd-26th June.
- ✓ Isolated **heavy rainfall** over Andaman & Nicobar Islands on 22nd, Gangetic West Bengal during 22nd-24th, Bihar, Jharkhand during 22nd-25th, Vidarbha on 25th & 26th, Chhattisgarh, Sub-Himalayan West Bengal & Sikkim, Odisha during 24th-27th, with **very heavy rainfall** over Sub-Himalayan West Bengal & Sikkim on 22nd & 23rd, Bihar on 23rd, Gangetic West Bengal on 25th, Odisha on 25th & 26th 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 22nd-27th June.

West India:

- ✓ **Extremely heavy rainfall (>20 cm/24 hours) likely at isolated places over Gujarat State on 22nd June.**
- ✓ Isolated **heavy to very heavy rainfall** likely over Konkan & Goa, Madhya Maharashtra, Gujarat state during 22nd-28th June.
- ✓ Light/moderate rainfall at most/many places likely over Gujarat State, Konkan & Goa, Madhya Maharashtra, Marathwada during 22nd-28th June.

Northwest India:

- ✓ **Extremely heavy rainfall (>20 cm/24 hours) likely at isolated places over East Rajasthan on 23rd June.**
- ✓ Isolated **heavy rainfall** likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Punjab, Uttar Pradesh, Haryana during 22nd-26th, Himachal Pradesh, Uttarakhand, East Rajasthan during 22nd-28th; West Rajasthan on 27th & 28th with **very heavy rainfall** over Himachal Pradesh, Uttarakhand during 22nd-26th, East Rajasthan during 22nd - 24th and on 27th & 28th, Haryana on 22nd & 25th, West Uttar Pradesh on 24th & 25th, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad on 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 22nd-26th June.

Northeast India:

- ✓ Isolated **very heavy rainfall** likely over Assam & Meghalaya on 22nd & 23rd, Arunachal Pradesh on 23rd & 24th and Nagaland, Manipur on 23rd June.
- ✓ 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 & Mah, Coastal Karnataka during 22nd-28th; Interior Karnataka during 25th-28th June.
- ✓ **Strong surface winds** (speed reaching 40-60 kmph) very likely over Karnataka, Coastal Andhra Pradesh & Yanam, Rayalaseema, Telangana during 22nd-26th 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 22st-26th June.

Maximum Temperature Forecast:

- ❖ No significant change in maximum temperatures likely over the country.

***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 & Humid Conditions warnings:

- ❖ **Hot & Humid conditions** very likely in isolated pockets of Tamil Nadu, Coastal Andhra Pradesh & Yanam, Rayalaseema during 22nd-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, Sub Himalayan West Bengal & Sikkim, West Madhya Pradesh, East Madhya Pradesh, Gujarat Region, Konkan & Goa, Coastal Karnataka, Kerala & Mahe and Lakshadweep; **at many places** over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Bihar, East Rajasthan and Madhya Maharashtra; **at a few places** over Arunachal Pradesh, Gangetic West Bengal, Odisha, Jharkhand, East Uttar Pradesh, Uttarakhand, Himachal Pradesh, West Rajasthan, Saurashtra & Kutch, Chhattisgarh, Coastal Andhra Pradesh & Yanam, Telangana, North Interior Karnataka and South Interior Karnataka; **at isolated places** over West Uttar Pradesh, Haryana-Chandigarh-Delhi, Punjab, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Marathwada, Rayalaseema and Tamil Nadu, Puducherry & Karaikal; **Dry** over rest of the country.

❖ **Significant rainfall recorded (in cm)** (from 0830 hours IST of yesterday to 0830 hours IST of today): **Gujarat Region:** Vadali (dist Sabarkantha) 31; Khedbrahma (dist Sabarkantha) 29; Dharoi Colony (dist Mehsana), Danta (dist Banaskantha) 23 Each; Khanvel (dist Dadara & Nagar Haveli) 14; Idar (dist Sabarkantha) 13; Satlasana (dist Mehsana), Meghraj (dist Aravalli) 12 Each; Modasa (dist Aravalli) 11; Umerpada (dist Surat), Vijaynagar (dist Sabarkantha) 9 Each; Vapi (dist Valsad), Kaprada (dist Valsad), Talod (dist Sabarkantha) 7 Each; **East Madhya Pradesh:** Tikamgarh-aws (dist Tikamgarh) 21; Hatta (dist Damoh) 12; Orchha (dist Niwari) 11; Satna (raghurajnagar) (dist Satna), Badagaon Dhasan (dist Tikamgarh), Mohangarh (dist Tikamgarh) 8 Each; Damoh-aws (dist Damoh), Palera (dist Tikamgarh), Bahri (dist Sidhi) 7 Each; **East Rajasthan:** Mounntabu Tehsil SR (dist Sirohi) 19; Mounnt Abu (dist Sirohi) 18; Bhilwara Tehsil SR (dist Bhilwara), Bhilwara (dist Bhilwara) 17 Each; Mandalgarh (dist Bhilwara) 13; Kotri (dist Bhilwara) 11; Gangrar (dist Chittorgarh) 10; Hurda SR (dist Bhilwara), Amet (dist Rajsamand) 8 Each; **Sub Himalayan West Bengal & Sikkim:** Toorsa Tea Garden (dist Alipurduar) 16; Hasimara (dist Alipurduar) 8; Buxaduar (dist Alipurduar), Dentam (dist Gyalshing), Maynaguri College (dist Jalpaiguri), Fagu Tea Estate (dist Jalpaiguri) 7 Each; **West Uttar Pradesh:** Talbehahat (dist Lalitpur) 13; **Bihar:** Sheohar (dist Sheohar) 13; Araria (dist Araria) 8; Dumri (dist Sheohar), Silao (dist Nalanda) 7 Each; **Coastal Karnataka:** Kadra (dist Uttara Kannada) 11; **Konkan & Goa:** Talasari (dist Palghar) 11; **West Madhya Pradesh:** Karera (dist Shivpuri) 11; Ranapur (dist Jhabua) 9; Jhabua-aws (dist Jhabua), Pichhore (dist Shivpuri) 8 Each; Meghnagar (dist Jhabua) 7; **East Uttar Pradesh:** Attarra (dist Banda) 10; Manikpur (dist Chitrakoot) 8; **Assam & Meghalaya:** Tezpur (dist Shonitpur) 9; Bhaghmara (dist South Garo Hills), Bhumuraguri (dist Shonitpur) 7 Each; **Coastal Andhra Pradesh & Yanam:** Bhimadole (dist Eluru) 8; **Andaman & Nicobar Islands:** Maya Bandar (dist North & Middle Andaman), Car Nicobar (dist Nicobar) 8 Each; Iaf Carnicobar (dist Nicobar) 7; **Uttarakhand:** Roorkee (dist Hardwar) 7.

❖ **Heavy Rainfall observed** (from 0830 hours IST of yesterday to 0830 hours IST of today): **Extremely heavy rain** at isolated places over East Madhya Pradesh and Gujarat Region. **Heavy to very heavy rain** at isolated places over Sub Himalayan West Bengal & Sikkim, Bihar, West Uttar Pradesh, East Rajasthan, East Madhya Pradesh and Gujarat Region. **Heavy rain** at a few places over Andaman & Nicobar Islands and at isolated places over Assam & Meghalaya, Gangetic West Bengal, East Uttar Pradesh, Uttarakhand, West Madhya Pradesh, Konkan & Goa, Madhya Maharashtra, Coastal Andhra Pradesh & Yanam and Coastal Karnataka.

❖ **Minimum Temperature Departures (as on 22-06-2025):** **markedly above normal(> 5.1°C)** at many places over Himachal Pradesh and Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad; at few places over Assam & Meghalaya; at isolated places over Odisha, Bihar, East Uttar Pradesh, West Uttar Pradesh, East Madhya Pradesh and Saurashtra & Kutch. **appreciably above normal(3.1°C to 5.0°C)** at few places over Sub Himalayan West Bengal & Sikkim and Gujarat Region; at isolated places over Gangetic West Bengal, Haryana-Chandigarh-Delhi, Punjab, West Rajasthan, West Madhya Pradesh, Coastal Andhra Pradesh & Yanam and Tamil Nadu, Puducherry & Karaikal. **above normal(1.6°C to 3.0°C)** at many places over Uttarakhand; at isolated places over Nagaland, Manipur, Mizoram & Tripura, Madhya Maharashtra, Chhattisgarh and Rayalaseema. **near normal(-1.5°C to 1.5°C)** at many places over Telangana and Lakshadweep; at most places over Andaman & Nicobar Islands, Arunachal Pradesh, Jharkhand, Konkan & Goa, Marathwada, Vidarbha, Coastal Karnataka, North Interior Karnataka, South Interior Karnataka and Kerala & Mahe; at few places over East Rajasthan. **The lowest minimum temperature** of 18.8°C is reported at MATHERAN (MAHARASHTRA) over the Plains of India.

❖ **Maximum Temperature Departures (as on 21-06-2025):** **markedly above normal(> 5.1°C)** at few places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad; at isolated places over Odisha. **appreciably above normal(3.1°C to 5.0°C)** at isolated places over Assam & Meghalaya, Sub Himalayan West Bengal & Sikkim, Himachal Pradesh, Chhattisgarh, Coastal Andhra Pradesh & Yanam, Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe. **above normal(1.6°C to 3.0°C)** at many places over Telangana and Coastal Karnataka; at few places over Arunachal Pradesh, Nagaland, Manipur, Mizoram & Tripura and Vidarbha; at isolated places over Konkan & Goa 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

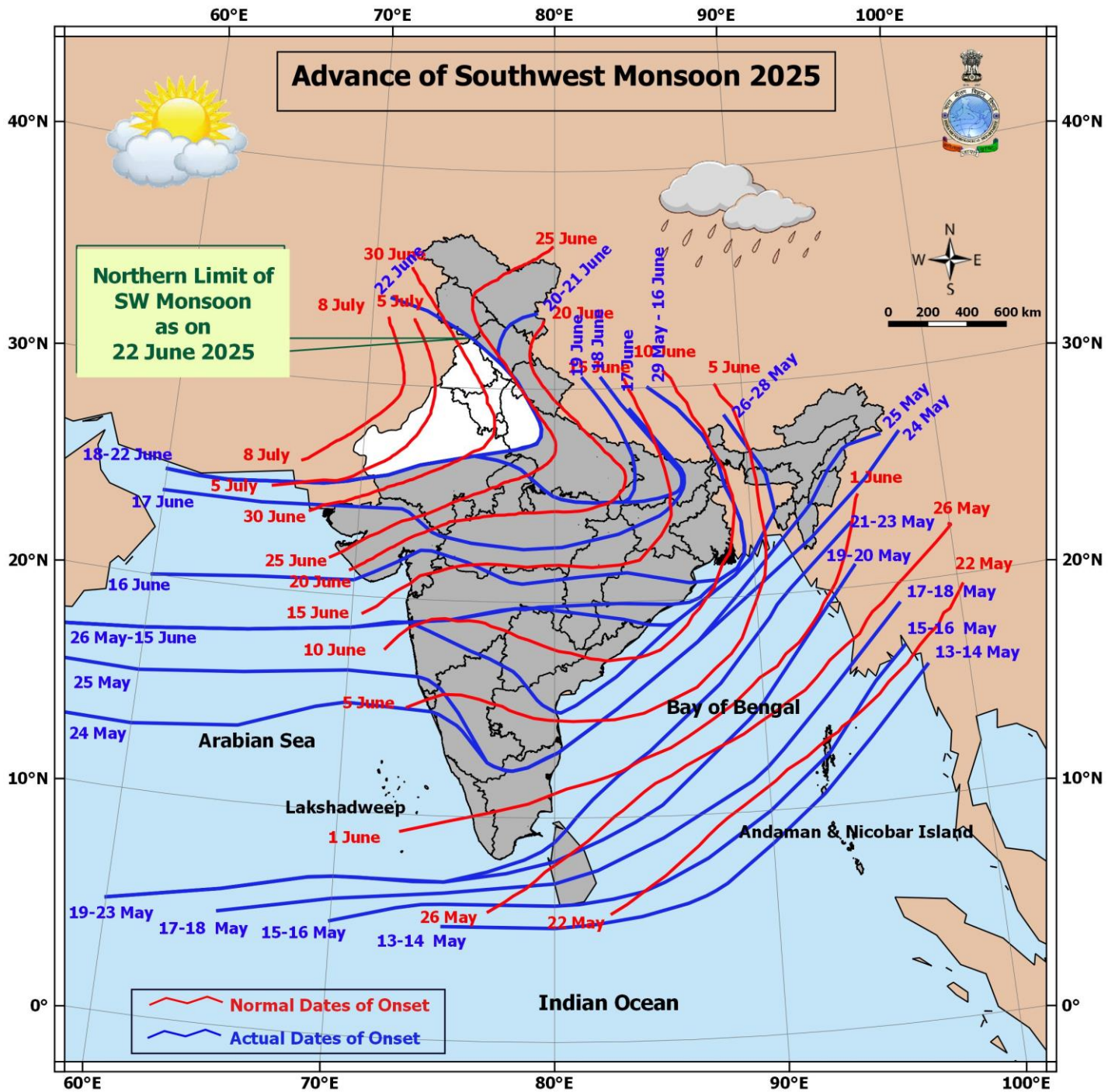
(Service to the nation since 1875)

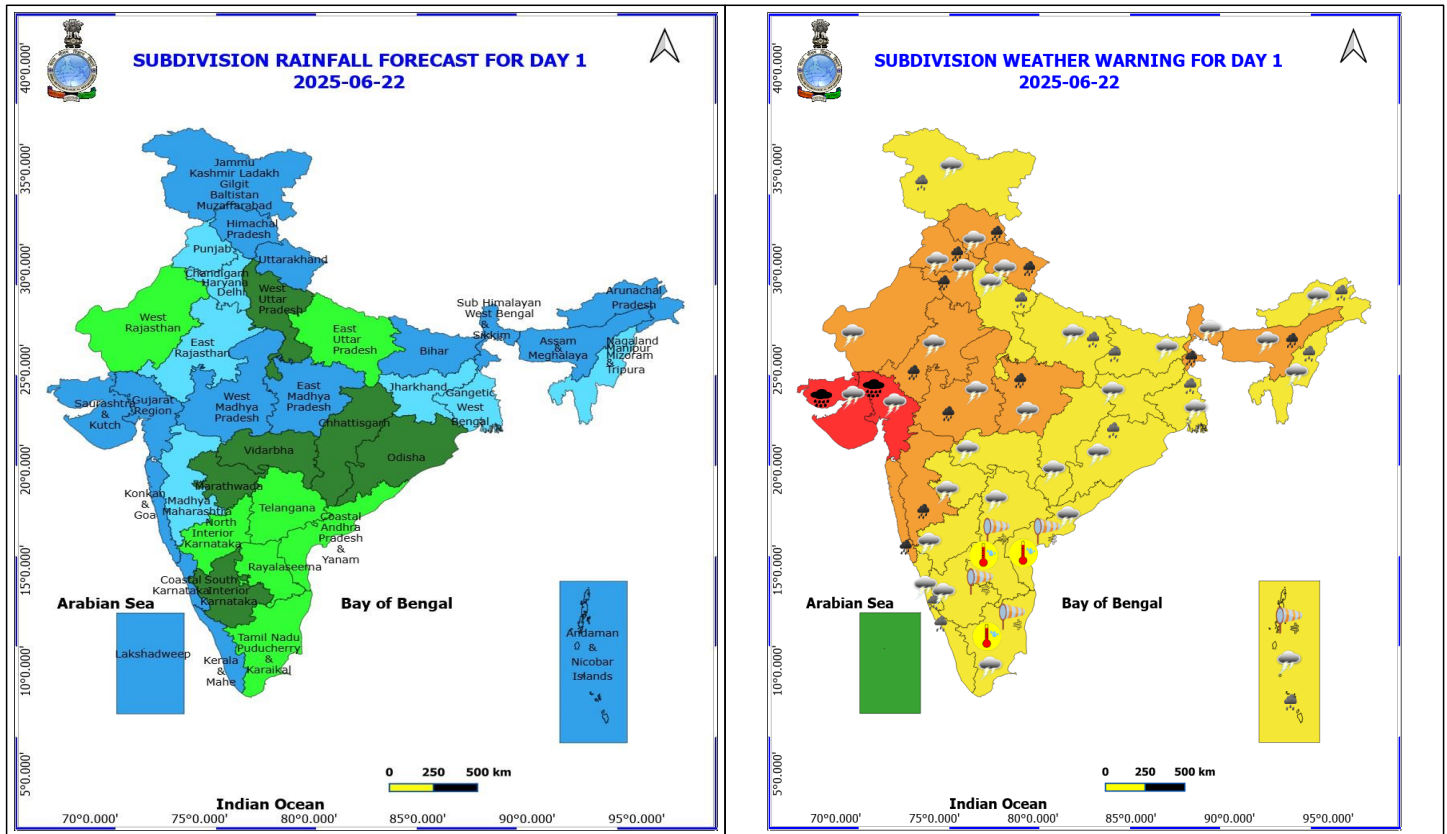


Rayalaseema. **near normal(-1.5°C to 1.5°C)** at many places over Uttarakhand; at most places over Gangetic West Bengal, Madhya Maharashtra, Marathwada, North Interior Karnataka, South Interior Karnataka and Lakshadweep; at few places over Jharkhand, Bihar, East Uttar Pradesh, West Uttar Pradesh, Haryana-Chandigarh-Delhi, Punjab, West Rajasthan and Saurashtra & Kutch; at isolated places over Andaman & Nicobar Islands and East Rajasthan. **The highest maximum temperature** of 42.3°C was reported at SRIGANGANAGAR (RAJASTHAN).

Meteorological Analysis (Based on 0830 hours IST)

- Southwest monsoon has further advanced over most parts of Himachal Pradesh, entire Ladakh, most parts of Jammu & Kashmir and some parts of Punjab.
- The Northern Limit of Monsoon passes through 25.0°N/60.0°E, 25.0°N/65.0°E, 25.5°N/70.0°E, Jaipur, Agra, Rampur, Dehradun, Shimla, Pathankot, Jammu, and 33.5°N/73.0°E and 34.0°N/71.0°E
- Conditions are favourable for further advance of Southwest monsoon over remaining parts of North Arabian Sea, some more parts of Rajasthan, Punjab, some parts of Haryana, Chandigarh and Delhi, remaining parts of West Uttar Pradesh, Himachal Pradesh and remaining parts of Jammu during next 2 days.
- The **low-pressure area** over southeast Uttar Pradesh & neighbourhood lay over central parts of south Uttar Pradesh at 0830 hrs IST of today, the 22nd June 2025. The associated upper air cyclonic circulation extends upto 5.8 km above mean sea level tilting southwards with height. It is likely to move slowly northwestwards and weaken gradually during next 12 hours.
- An **upper air cyclonic circulation** lies over Bangladesh and adjoining Gangetic West Bengal between 1.5 & 5.8 km tilting southwards with height.
- An **east-west shear line** runs from south Pakistan to above cyclonic circulation over Bangladesh and adjoining Gangetic West Bengal across central parts of Rajasthan, northwest Madhya Pradesh, cyclonic circulation associated with low pressure area over central parts of south Uttar Pradesh & neighbourhood and Jharkhand between 1.5 & 4.5 km above mean sea level tilting southwards with height.
- The **trough** from north Punjab to north Bihar across south Haryana, cyclonic circulation associated with low pressure area over central parts of south Uttar Pradesh at 0.9 km above mean sea level persists.
- An **upper air cyclonic circulation** lies over northeast Assam & neighbourhood at 0.9 km above mean sea level.
- An **upper air cyclonic circulation** likely to form over Gangetic West Bengal & neighbourhood around 25th June.
- The **upper air cyclonic circulation** over northeast Rajasthan & neighbourhood extending upto 0.9 km above mean sea level has become less marked.
- The **upper air cyclonic circulation** over central parts of Assam at 1.5 km above mean sea level has become less marked.





22 June (Day 1)

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

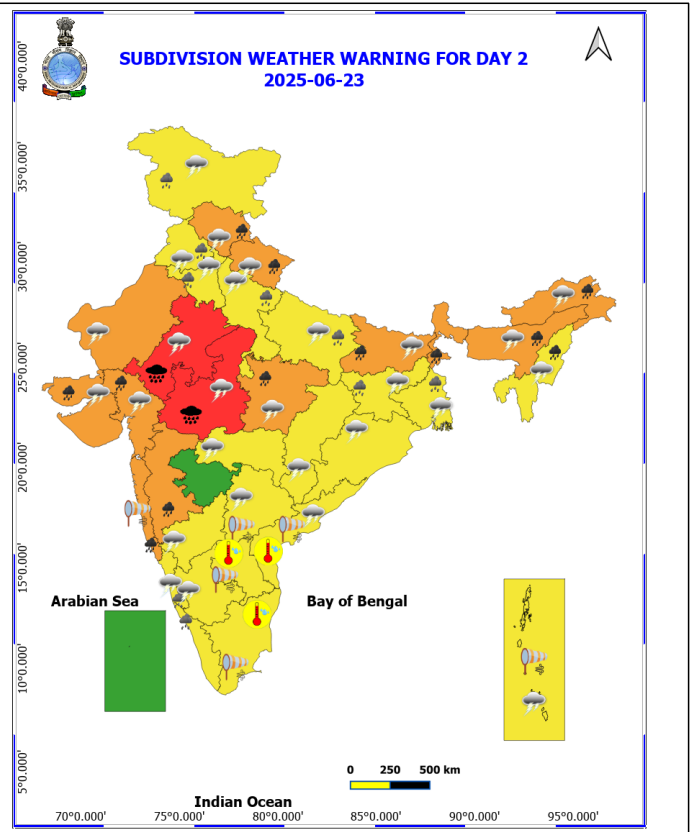
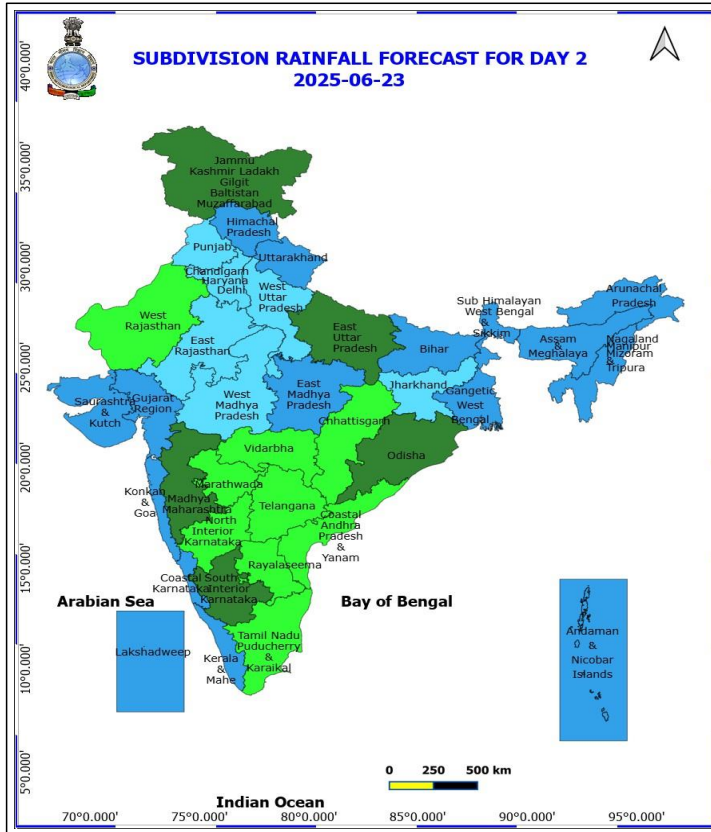
*Red color warning does not mean "Red Alert" Red color warning means "Take Action"

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 and Humid weather** very likely at isolated places over Andhra Pradesh, Tamil Nadu, Puducherry & 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 & adjoining southwest Arabian Sea. Squally weather with wind speed 40 - 50 kmph gusting to 60 kmph likely to prevail over, many parts of northeast Arabian Sea, most parts of eastcentral Arabian Sea, adjoining and 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.



23 June (Day 2)

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

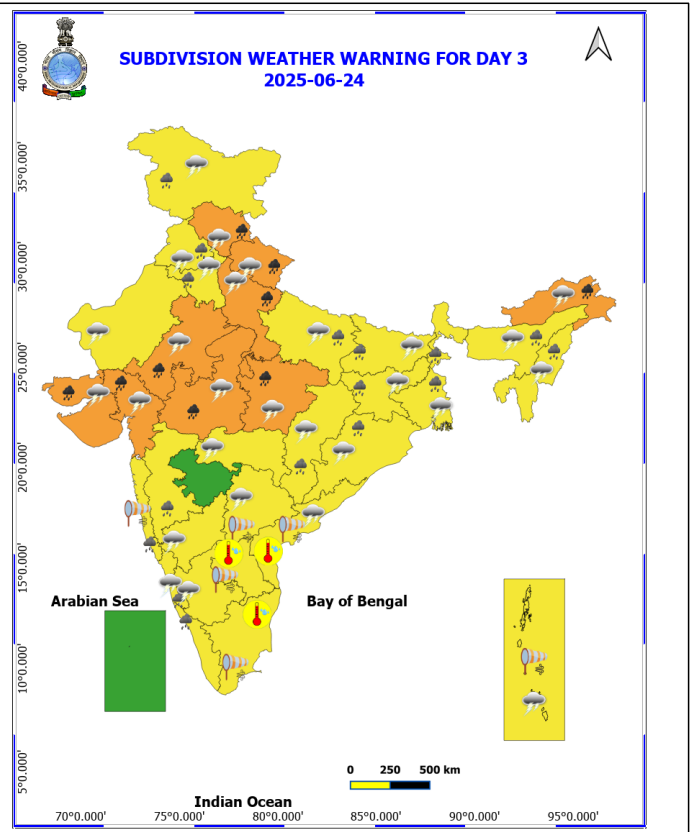
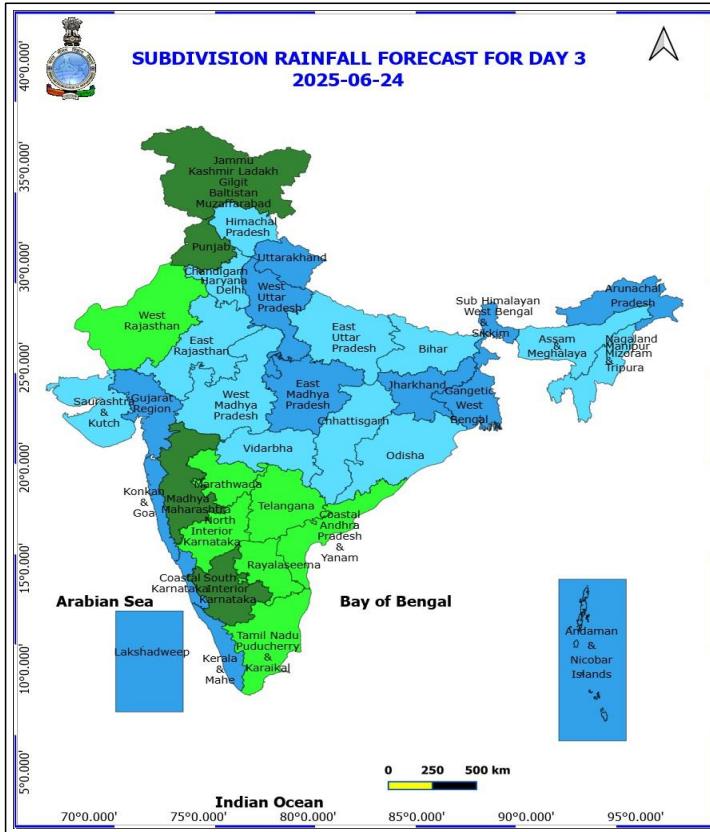
*Red color warning does not mean "Red Alert" Red color warning means "Take Action"

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)

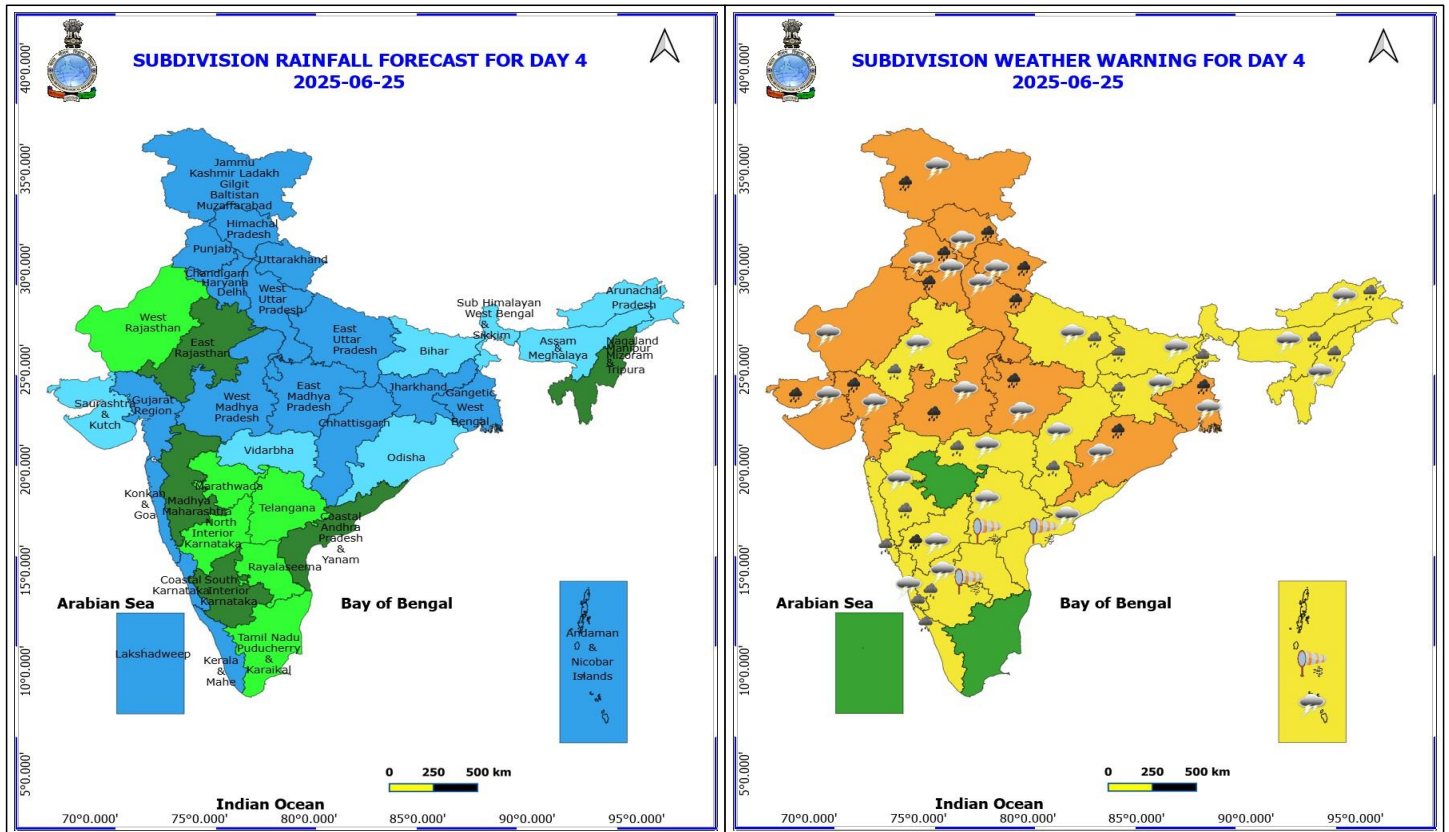
- ❖ **Hot and Humid weather** very likely at isolated places over Andhra Pradesh, Tamil Nadu, Puducherry & Karaikal.
- ❖ Squally wind speed reaching 45 kmph to 55 kmph gusting to 65 kmph is likely to prevail along and off Somalia, Oman & adjoining Yemen coasts, most parts of westcentral Arabian Sea & adjoining, some parts of eastcentral, adjoining north Arabian Sea & adjoining southwest Arabian Sea. Squally weather with wind speed 40 - 50 kmph gusting to 60 kmph likely to prevail over, many parts of northeast Arabian Sea, most parts of eastcentral Arabian Sea, adjoining and some parts of westcentral Arabian Sea, along and off Gujarat, Konkan coast, along and off north 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, some parts of westcentral Bay of Bengal.



24 June (Day 3)

- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Arunachal Pradesh, East Rajasthan, Gujarat State, Himachal Pradesh, Madhya Pradesh, Uttarakhand and West Uttar Pradesh.
- ❖ **Heavy Rainfall** very likely at isolated places over Assam & Meghalaya, Bihar, Chhattisgarh, Coastal Karnataka, East Uttar Pradesh, Haryana, Chandigarh & Delhi, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffargarh, Jharkhand, Kerala & Mahe, Konkan & Goa, Madhya Maharashtra, Nagaland, Manipur, Mizoram and Tripura, Odisha, Punjab and West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Andaman & Nicobar Islands, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffargarh and Uttarakhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Bihar, Coastal Karnataka, Gangetic West Bengal, Interior Karnataka, Rajasthan 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, Himachal Pradesh, Jharkhand, Nagaland, Manipur, Mizoram and Tripura, Odisha, Punjab, Telangana, Uttar Pradesh and Vidarbha.
- ❖ **Strong Surface Winds** very likely at isolated places over Andaman & Nicobar Islands, Andhra Pradesh, Konkan & Goa, Tamil Nadu Puducherry & Karaikal and Telangana.
- ❖ **Hot and Humid weather** very likely at isolated places over Andhra Pradesh, Tamil Nadu, Puducherry & 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 & 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 south Gujarat, off 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 reaching 45 kmph to 55 kmph gusting to 65 kmph likely to prevail over western parts of eastcentral & adjoining westcentral Arabian Sea.



25 June (Day 4)

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

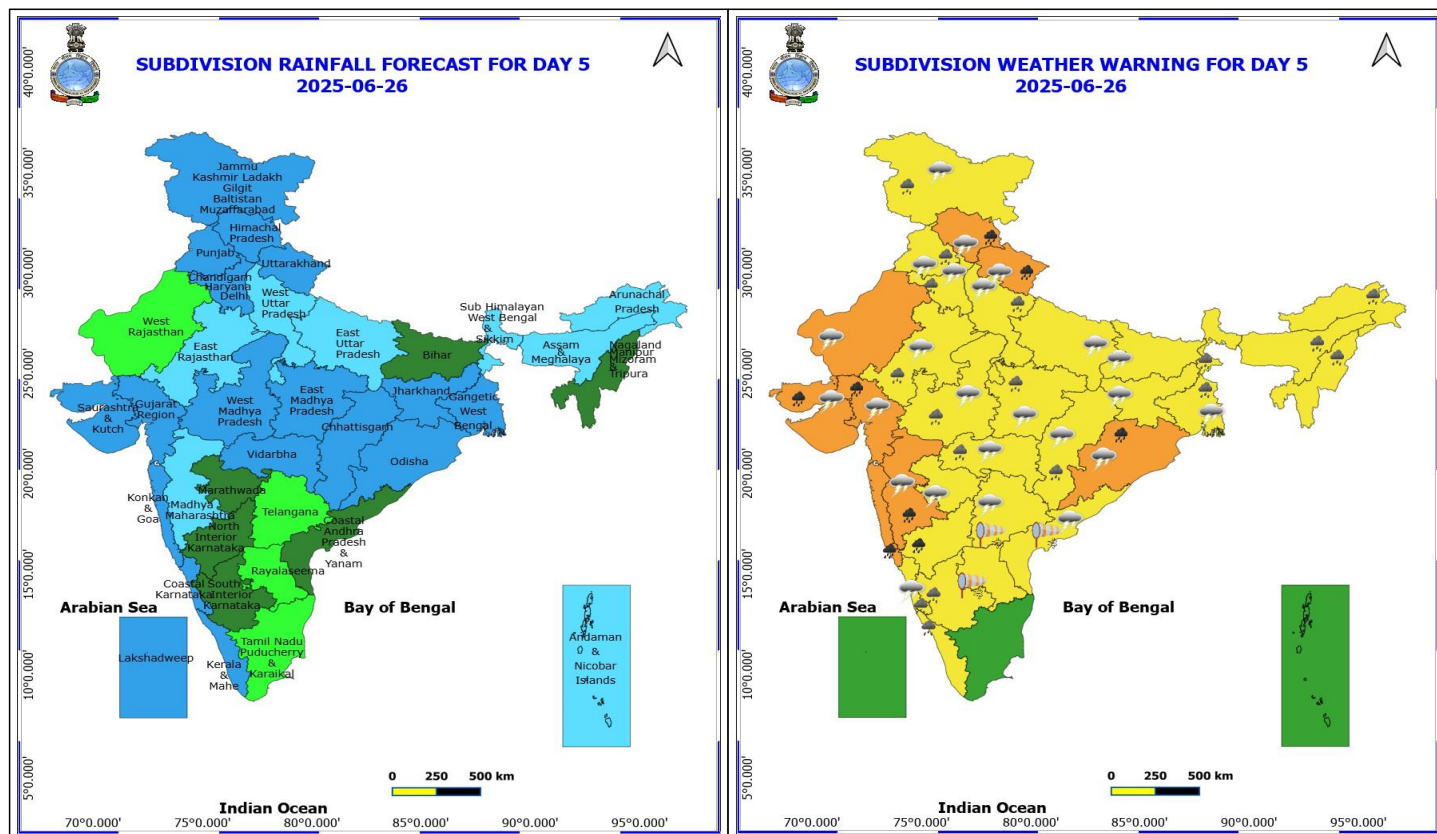
*Red color warning does not mean "Red Alert" Red color warning means "Take Action"

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



26 June (Day 5)

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

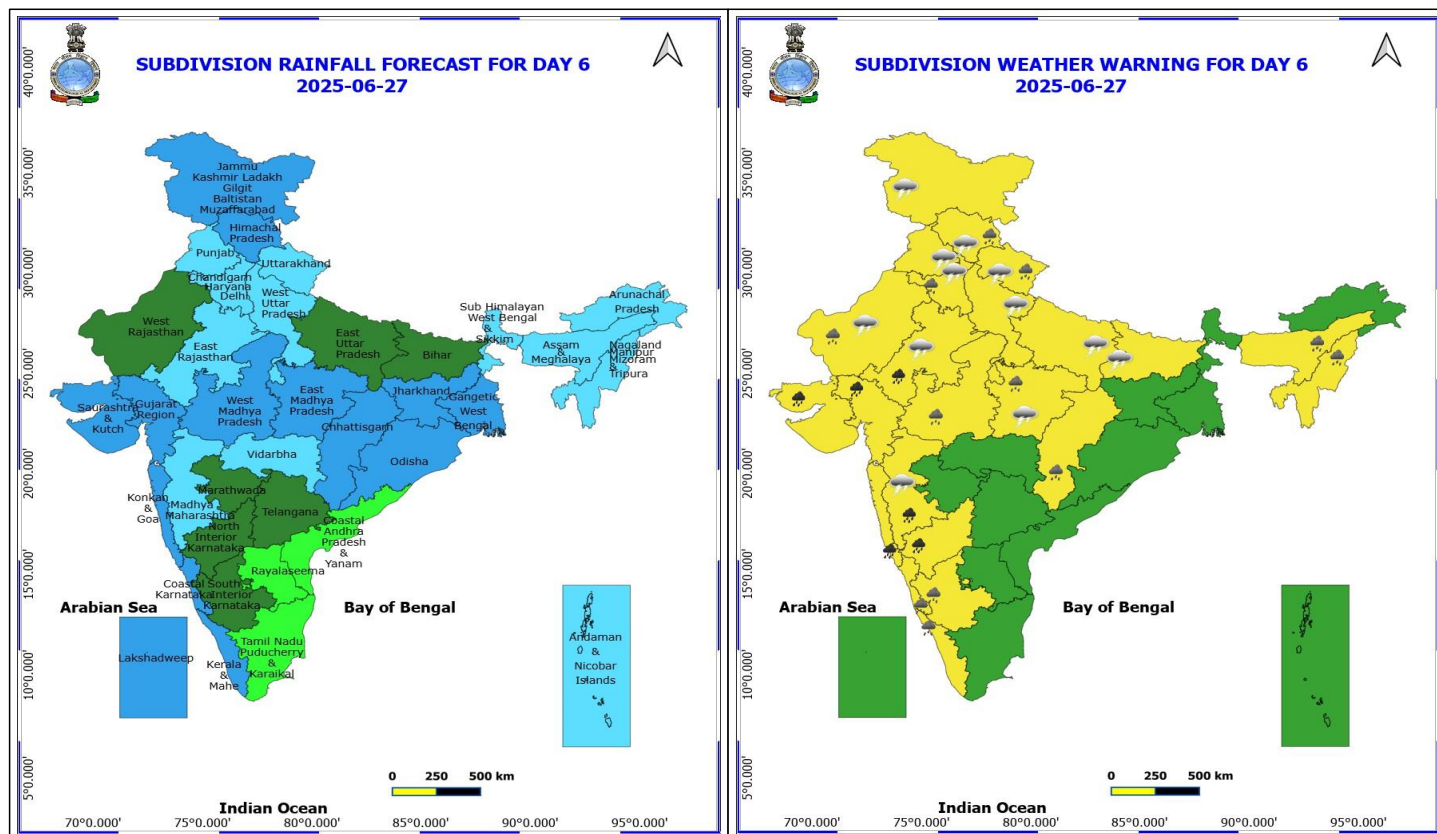
*Red color warning does not mean "Red Alert" Red color warning means "Take Action"

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 westcentral, northeast, south Arabian Sea, off south Gujarat, Konkan coasts, many parts of westcentral Bay of Bengal, some parts of southwest 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.



27 June (Day 6)

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

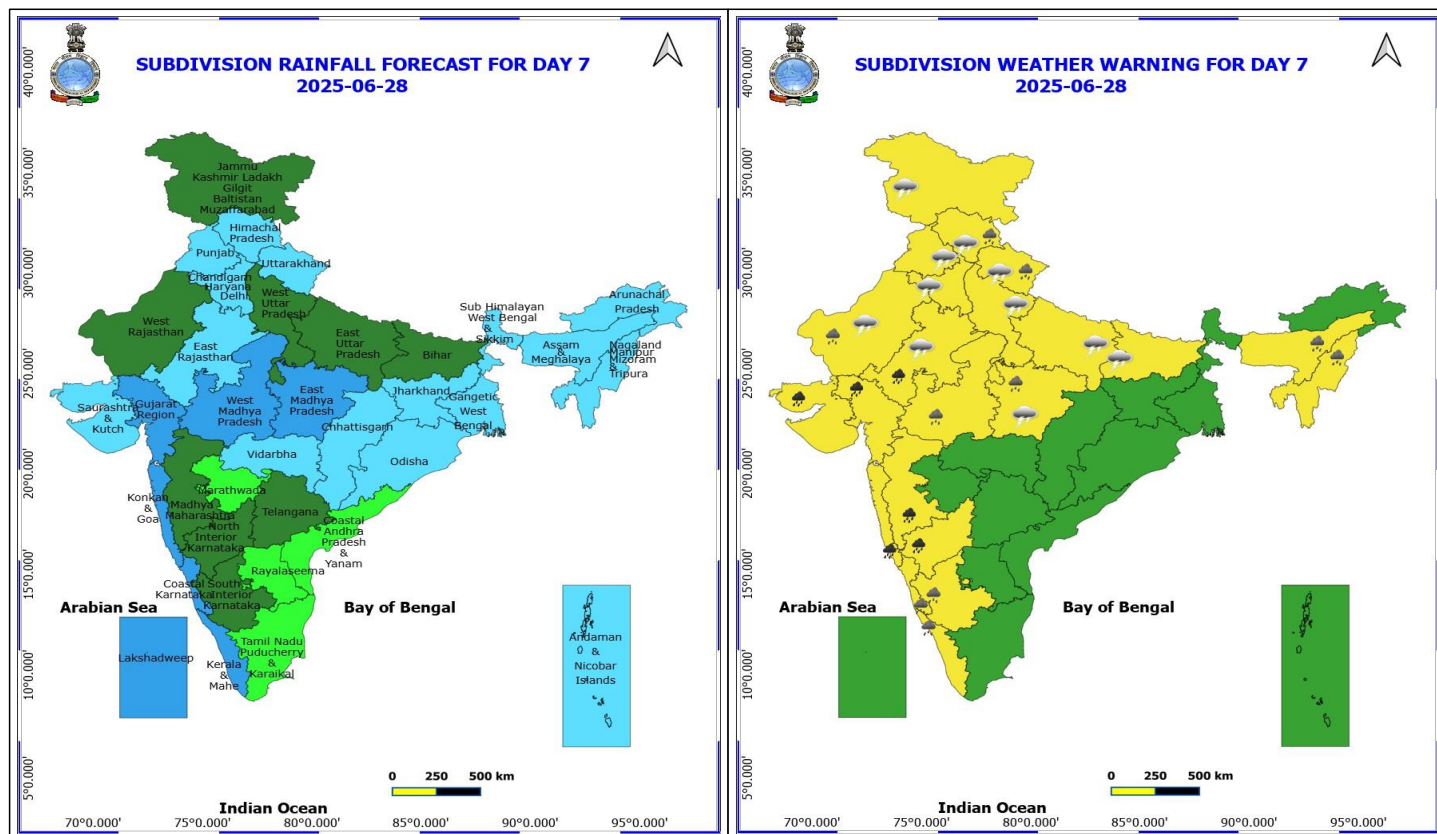
No Fishermen Warning

***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)



28 June (Day 7)

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

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	22-Jun	23-Jun	24-Jun	25-Jun	26-Jun	27-Jun	28-Jun
		Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
1	ANDAMAN & NICOBAR ISLANDS	WS	WS	WS	WS	FWS	FWS	FWS
2	ARUNACHAL PRADESH	WS	WS	WS	FWS	FWS	FWS	FWS
3	ASSAM & MEHGHALAYA	WS	WS	FWS	FWS	FWS	FWS	FWS
4	N. M. M. & T.	FWS	WS	FWS	SCT	SCT	FWS	FWS
5	S.H. WEST BENGAL & SIKKIM	WS	WS	WS	FWS	FWS	FWS	FWS
6	GANGETIC WEST BENGAL	FWS	WS	WS	WS	WS	WS	FWS
7	ODISHA	SCT	SCT	FWS	FWS	WS	WS	FWS
8	JHARKHAND	FWS	FWS	WS	WS	WS	WS	FWS
9	BIHAR	WS	WS	FWS	FWS	SCT	SCT	SCT
10	EAST UTTAR PRADESH	ISOL	SCT	FWS	WS	FWS	SCT	SCT
11	WEST UTTAR PRADESH	SCT	FWS	WS	WS	FWS	FWS	SCT
12	UTTARAKHAND	WS	WS	WS	WS	WS	FWS	FWS
13	HARYANA, CHD & DELHI	FWS	FWS	FWS	WS	WS	FWS	FWS
14	PUNJAB	FWS	FWS	SCT	WS	WS	FWS	FWS
15	HIMACHAL PRADESH	WS	WS	FWS	WS	WS	WS	FWS
16	JAMMU AND KASHMIR AND LADAKH	WS	SCT	SCT	WS	WS	WS	SCT
17	WEST RAJASTHAN	ISOL	ISOL	ISOL	ISOL	ISOL	SCT	SCT
18	EAST RAJASTHAN	FWS	FWS	FWS	SCT	FWS	FWS	FWS
19	WEST MADHYA PRADESH	WS	FWS	FWS	WS	WS	WS	WS
20	EAST MADHYA PRADESH	WS	WS	WS	WS	WS	WS	WS
21	GUJRAT REGION	WS	WS	WS	WS	WS	WS	WS
22	SAURASHTRA & KUTCH	WS	WS	FWS	FWS	WS	WS	FWS
23	KONKAN & GOA	WS	WS	WS	WS	WS	WS	WS
24	MADHYA MAHARASHTRA	FWS	SCT	SCT	SCT	FWS	FWS	SCT
25	MARATHWADA	SCT	ISOL	ISOL	ISOL	SCT	SCT	ISOL
26	VIDARBHA	SCT	ISOL	FWS	FWS	WS	FWS	FWS
27	CHATTISGARH	SCT	ISOL	FWS	WS	WS	WS	FWS
28	COASTAL ANDHRA PRADESH	ISOL	ISOL	ISOL	SCT	SCT	ISOL	ISOL
29	TELANGANA	ISOL	ISOL	ISOL	ISOL	ISOL	SCT	SCT
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	SCT	SCT	SCT
34	SOUTH INTERIOR KARNATAKA	SCT	SCT	SCT	SCT	SCT	SCT	SCT
35	KERALA	WS	WS	WS	WS	WS	WS	WS
36	LAKSHDWEAP	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 2025-06-22

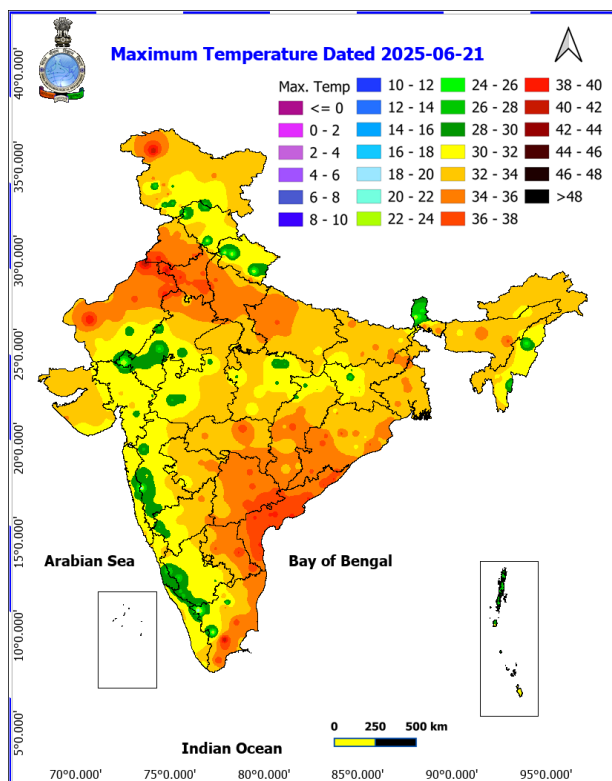


Fig. 2: Departure of Maximum Temp. Dated 2025-06-22

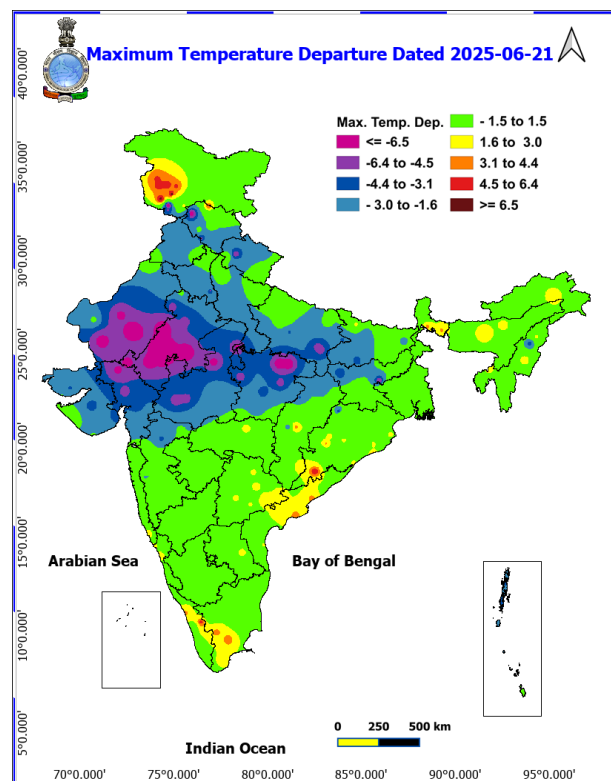


Fig. 3: Minimum Temperatures Dated 2025-06-22

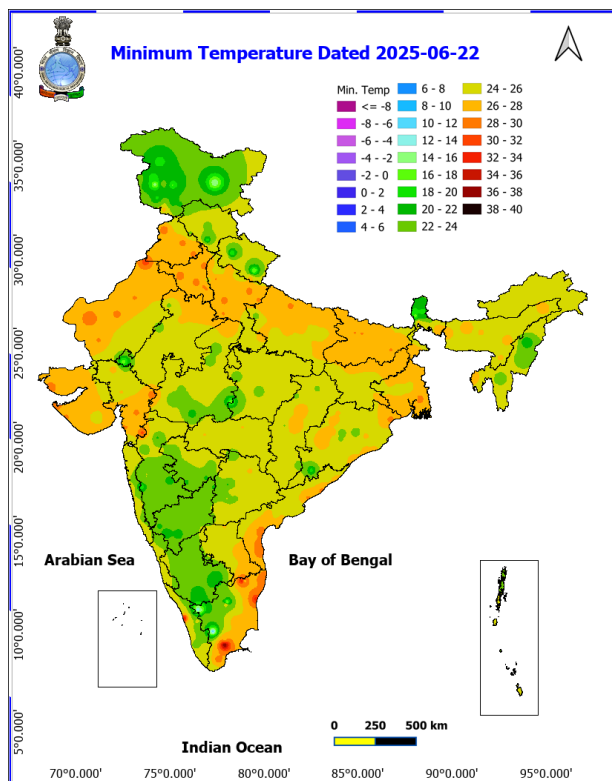
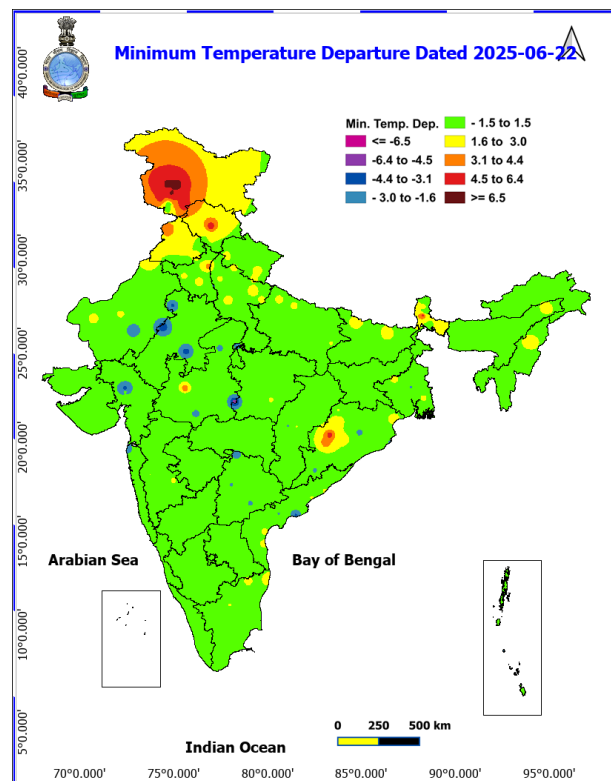
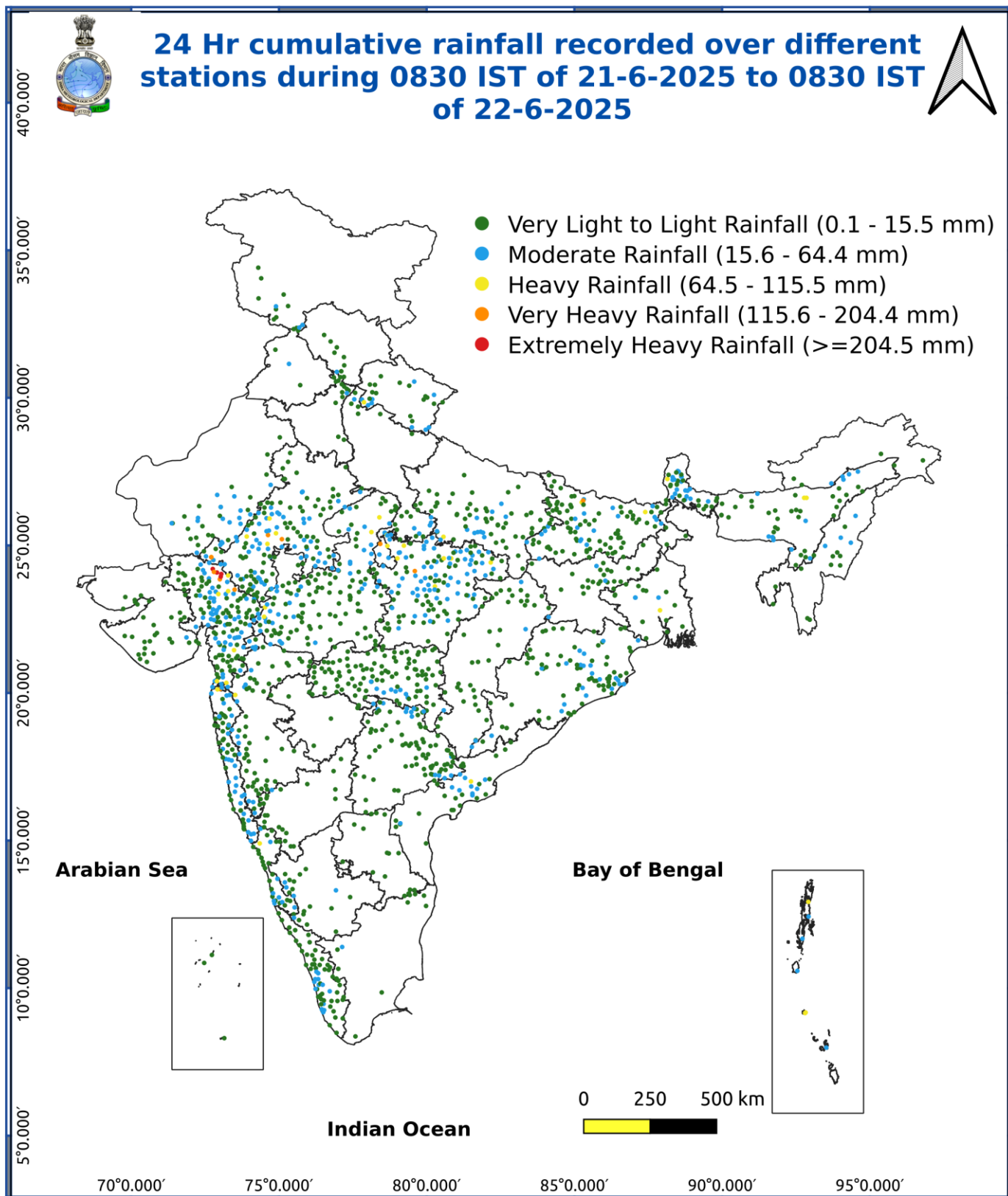


Fig. 4: Departure of Minimum Temp. Dated 2025-06-22





*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 falls/ very heavy rainfall:

- ✓ **Extremely heavy rainfall (>20 cm/24 hours) likely at isolated places over Gujarat State on 22nd June, East Rajasthan on 23rd, West Madhya Pradesh on 23rd & 24th June.**
- ✓ **Very heavy rainfall** also likely to continue over Sub-Himalayan West Bengal & Sikkim on 22nd & 23rd, Madhya Pradesh, Himachal Pradesh, Uttarakhand during 22nd-26th, Konkan & Goa, Madhya Maharashtra, Gujarat state during 22nd-28th Bihar on 23rd, Gangetic West Bengal, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad on 25th, Odisha on 25th & 26th, East Rajasthan during 22nd-24th and on 27th & 28th, Haryana on 22nd & 25th, West Uttar Pradesh on 24th & 25th 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/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 likely impact of Heavy / Heavy to Very Heavy / Extremely Heavy Rainfall
(Based on the IBF and advisories issued by different AMFUs)**

- 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)

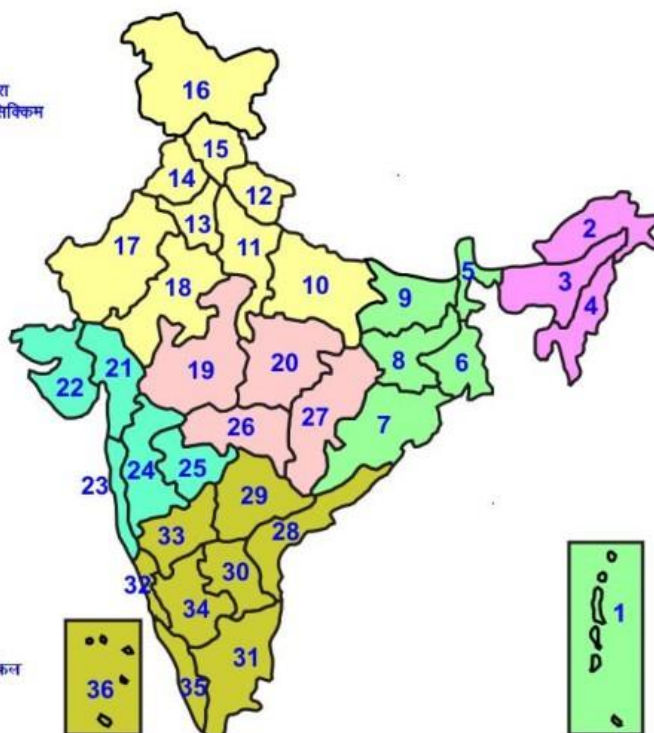
- In **Konkan & Goa** make arrangement to drain out excess water from rice nurseries, fields of finger millet, groundnut and orchards to prevent waterlogging.
- In **ghat areas of Madhya Maharashtra**, drain out excess water from rice nurseries and banana plantations prevent waterlogging.
- In **North 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.

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 रायलसेमा
- 31 तमिलनाडु, पुदुचेरी एवं कराईकल
- 32 तटिय कर्नाटक
- 33 आंतरिक उत्तरी कर्नाटक
- 34 आंतरिक दक्षिणी कर्नाटक
- 35 केरल एवं माहे
- 36 लक्षद्वीप



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

SPATIAL DISTRIBUTION (% of Stations reporting)

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

Subdivision Colour

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

Probabilistic Forecast

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

-  Heavy Rain

 Thunderstorm & Lightning

 Strong surface winds

 Cold Wave

 Hot & Humid

 Very Heavy Rain

 Hailstorm

 Heat Wave


 Cold Day

 Extremely Heavy Rain

 Dust Storm

 Hot Day

 Ground Frost

 Heavy Snow

 Dust Raising Winds

 Warm Night

 Fog

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

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

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

(Service to the nation since 1875)

LEGENDS

WARNING

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

Probabilistic Forecast

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



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



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

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

(b). Based on Actual maximum temperature

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

(c). Criteria for heat wave for coastal stations

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



When maximum temperature remains 40°C

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



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

(a). Based on departure

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

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

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

(c) For Coastal Stations

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



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

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



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

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



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



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



Ice deposits on ground

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



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

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



Effect of various waves in the sea over specific area

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



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

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

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

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

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

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

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

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

(Service to the nation since 1875)