

2026-06-21

Time of Issue: 14:15:00 hours IST
(Mid-Day)

ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN

Significant Weather Features

Advance of Southwest Monsoon 2026:

- **The Northern Limit of Monsoon** continues to pass through 18°N/60°E, 18°N/65°E, 18°N/70°E, Harnai, Solapur, Hyderabad, Bhadrachalam, Koraput, Phulbani, Ranchi, Jamui, Muzaffarpur and 28.3°N/83°E.
- **Conditions are favourable** for further advance of southwest monsoon into some more parts of Maharashtra, Telangana, Odisha, Jharkhand & Bihar, and some parts of Chhattisgarh around 23rd June, 2026.

Weather Forecast and Warnings:

Northwest India:

- Fairly Widespread to Widespread rainfall likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 21st-22nd June.
- Isolated to Scattered rainfall likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 23rd-27th June; Himachal Pradesh and Uttarakhand during 21st-27th June.
- Isolated to Scattered rainfall likely over Haryana Chandigarh ; Delhi and Punjab during 21st-24th June; West Uttar Pradesh on 21st June and during 26th-27th June; East Uttar Pradesh during 21st-22nd June and during 25th-27th June; East Rajasthan and West Rajasthan during 21st-27th June.
- Isolated thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph) likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 21st-22nd June; Himachal Pradesh during 21st-24th June; Uttarakhand during 21st-23rd June.
- Isolated thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph) likely over Haryana Chandigarh & Delhi and Punjab during 21st-24th June; East Rajasthan and West Rajasthan on 21st June and on 23rd June, with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph) likely over East Rajasthan and West Rajasthan during 24th-27th June.
- Thundersquall (wind speed reaching 60-70 kmph gusting to 80 kmph) likely over East Rajasthan and West Rajasthan on 22nd June.
- Isolated Hailstorm activity likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad on 21st June.
- Duststorm activity likely over West Rajasthan on 22nd June.

Central India:

- Isolated to Scattered rainfall likely over Chhattisgarh, Vidarbha and West Madhya Pradesh during 21st-27th June; East Madhya Pradesh during 21st-26th June.
- Isolated thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph) likely over East Madhya Pradesh, Vidarbha and West Madhya Pradesh during 21st-25th June; Chhattisgarh during 22nd-25th June.
- Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph) likely over Chhattisgarh on 21st June.

East India:

- Isolated to Scattered rainfall likely over Andaman & Nicobar Islands on 21st June; Gangetic West Bengal during 26th- 27th June; Bihar, Jharkhand and Odisha during 21st-27th June.
- Fairly Widespread to Widespread rainfall likely over Andaman & Nicobar Islands during 22nd-27th June; Sub-Himalayan West Bengal & Sikkim during 21st-27th June; Gangetic West Bengal during 21st-25th June.
- Isolated thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph) likely over Andaman & Nicobar Islands during 22nd-27th June; Sub-Himalayan West Bengal & Sikkim on 21st June; Gangetic West Bengal during 21st-22nd June; Jharkhand during 23rd-27th June; Bihar on 21st June, on 23rd June and during 26th-27th June; Odisha during 23rd-25th June, with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph) likely over Andaman & Nicobar Islands on 21st June; Sub-Himalayan West Bengal & Sikkim during 22nd-27th June; Gangetic West Bengal during 23rd-27th June; Bihar during 24th-25th June.
- Isolated heavy rainfall likely over Sub-Himalayan West Bengal & Sikkim on 21st June and during 23rd-25th June; Bihar during 21st-22nd June and during 25th-27th June; Odisha during 21st-23rd June with isolated very heavy rainfall also likely over Sub-Himalayan West Bengal & Sikkim on 22nd June and during 26th-27th June.

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- Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph) likely over Jharkhand and Odisha during 21st-22nd June; Bihar on 22nd June.

Northeast India:

- Fairly Widespread to Widespread rainfall likely over Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during 21st-27th June.
- Isolated thunderstorm & lightning likely over Nagaland, Manipur, Mizoram & Tripura during 21st-27th June.
- Isolated heavy rainfall likely over Arunachal Pradesh on 21st June and on 25th June; Assam & Meghalaya during 21st-22nd June and during 26th-27th June; Nagaland, Manipur, Mizoram & Tripura during 21st-24th June with isolated very heavy rainfall also likely over Arunachal Pradesh during 22nd-24th June; Assam & Meghalaya during 23rd-25th June.

West India:

- Isolated to Scattered rainfall likely over Konkan & Goa during 21st-22nd June; Gujarat Region, Madhya Maharashtra, Marathawada and Saurashtra & Kutch during 21st-27th June.
- Fairly Widespread to Widespread rainfall likely over Konkan & Goa during 23rd-27th June.
- Isolated thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph) likely over Konkan & Goa and Marathawada during 22nd-25th June; Madhya Maharashtra during 21st-26th June; Gujarat Region and Saurashtra & Kutch on 21st June.
- Isolated heavy rainfall likely over Konkan & Goa during 22nd-27th June; Madhya Maharashtra on 23rd June.

South Peninsular India:

- Isolated to Scattered rainfall likely over Tamil Nadu, Puducherry & Karaikal during 21st-27th June; North Interior Karnataka and Rayalaseema on 21st June and during 23rd-24th June; South Interior Karnataka on 23rd June; Coastal Andhra Pradesh & Yanam on 21st June, on 23rd June and on 27th June; Telangana on 21st June.
- Fairly Widespread to Widespread rainfall likely over Coastal Karnataka, Kerala & Mahe and Lakshadweep during 21st-27th June; North Interior Karnataka and Rayalaseema on 22nd June and during 25th-27th June; South Interior Karnataka during 21st-22nd June and during 24th-27th June; Coastal Andhra Pradesh & Yanam on 22nd June and during 24th-26th June; Telangana during 22nd-27th June.
- Isolated thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph) likely over Tamil Nadu, Puducherry & Karaikal during 21st-22nd June; Coastal Andhra Pradesh & Yanam, Rayalaseema and Telangana during 22nd-25th June, with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph) likely over Kerala & Mahe and Lakshadweep during 21st-22nd June; North Interior Karnataka and South Interior Karnataka on 21st June.
- Isolated heavy rainfall likely over Lakshadweep and Tamil Nadu, Puducherry & Karaikal during 21st-22nd June; Kerala & Mahe during 21st-23rd June and during 25th-27th June; Coastal Karnataka during 21st-24th June; North Interior Karnataka and South Interior Karnataka during 22nd-23rd June and on 25th June; Coastal Andhra Pradesh & Yanam and Rayalaseema during 21st-22nd June and during 25th-26th June; Telangana during 22nd-27th June.
- Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph) likely over Coastal Andhra Pradesh & Yanam, Rayalaseema and Telangana on 21st June.

Heat Wave, Hot & Humid weather and Warm Night conditions warning:

- Heat wave conditions very likely in isolated pockets over Bihar, Madhya Maharashtra, Marathawada and Odisha on 21st June; Chhattisgarh during 21st-23rd June; East Madhya Pradesh during 21st-25th June; East Uttar Pradesh during 21st-24th June; Telangana during 21st-22nd June; Vidarbha during 21st-25th June with severe heat wave conditions in isolated pockets during 21st-24th June.
- Hot and humid weather conditions likely to prevail over Odisha on 22nd June; Coastal Andhra Pradesh & Yanam, Coastal Karnataka, Konkan & Goa and South Interior Karnataka on 21st June; North Interior Karnataka during 21st-22nd June.
- Warm Night conditions very likely to prevail in isolated pockets over Vidarbha during 21st-23rd June.

Forecast of maximum/day temperatures:

- ? Gradual fall in maximum temperatures by about 2°C likely over Northwest India till 22nd June 2026, gradual rise by 2-3°C for subsequent 3 days and no significant change thereafter.
- ? No significant change in maximum temperatures likely over Maharashtra till 21st June and gradual fall by 2-3°C thereafter.
- ? No significant change in maximum temperatures likely over the rest parts of country till 27th June, 2026.

Fisherman Warning:

Fishermen are advised not to venture into the following areas during 21st June to 26th June, 2026:

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Bay of Bengal:

Over Gulf of Mannar adjoining Comorin area during 21 st to 26 th June; few parts of southwest Bay of Bengal adjoining parts of Sri Lanka coasts on 22 nd June; southwest adjoining westcentral & southeast Bay of Bengal on 25 th June.

Arabian Sea:

Along and off Somalia coast adjoining southwest & westcentral Arabian Sea till 26 th June; along and off Oman coasts and adjoining parts of northwest Arabian Sea 22 nd June; along & off north Gujarat coasts adjoining northeast Arabian Sea during 24 th to 26 th June; along & off south Konkan & Goa coasts during 23 rd to 26 th June; along and off Kerala, Lakshadweep & adjoining Comorin till 23 rd June.

Main Weather Observations:

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

❖ **Sub Himalayan West Bengal & Sikkim:** Cooch Behar (dist Cooch Behar) 22; Dima Tea Estate (dist Alipurduar) 18; Ghughumari (dist Cooch Behar) 16; Buxaduar (dist Alipurduar), Amfu Pundibari (dist Cooch Behar) 15 Each; Barobhisha (dist Alipurduar), Jalpaiguri (dist Jalpaiguri), Alipurduar PTO (dist Alipurduar) 14 Each; Mekhliganj (dist Cooch Behar), Chepan (dist Alipurduar), Majherdabri Tea Garden (dist Alipurduar), Toorsa Tea Garden (dist Alipurduar) 13 Each; Mathabhanga (dist Cooch Behar), Falakata (dist Alipurduar), Kailashpur Tea Estate (dist Jalpaiguri) 12 Each; Domohani (dist Jalpaiguri), Beech Tea Garden (dist Alipurduar) 11 Each; Gaikata Tea Estate (dist Jalpaiguri), Aryaman Tea Estate (dist Alipurduar), Dalgaon Tea Estate (dist Alipurduar), Newlands Tea Garden (dist Alipurduar) 10 Each; Maynaguri College (dist Jalpaiguri), Moraghat Tea Estate (dist Jalpaiguri), Siliguri PTO (dist Darjeeling), Dhupguri (dist Jalpaiguri), Jaybirpara Tea Estate (dist Alipurduar) 9 Each; Gandrapara Tea Garden (dist Jalpaiguri), Mogulkata Tea Estate (dist Jalpaiguri), Gopalpur Tea Estate (dist Alipurduar), Patkapara Tea Estate (dist Alipurduar) 8 Each; Hasimara (dist Alipurduar), Dharala Valley Tea Estate (dist Jalpaiguri), Sankos Tea Estate (dist Alipurduar) 7 Each; **Coastal Andhra Pradesh & Yanam:** Yelamanchili (dist Anakapalli) 10; **Arunachal Pradesh:** Pasighat_ Aero (dist East Siang) 12, Naharlagun (dist Papumpara) 6, Tuting (dist Upper Siang) 6, Basar_ Aws (dist West Siang) 6, Seppa (dist East Kameng) 6, Assam & Meghalaya: Mawsynram (dist East Khasi Hills) 53, Cherrapunji(rkm) (dist East Khasi Hills) 47, Mawkyrwat (dist South West Khasi Hills) 39, Cherrapunji (dist East Khasi Hills) 33, Gossaigaon_ Aws (dist Kokrajhar) 17, Kokrajhar (dist Kokrajhar) 17, Jowai (dist West Jaintia Hills) 14, Mawphlang (dist East Khasi Hills) 13, Chauldhowaghat (dist Lakhimpur) 13, Chouldhuwaghat Arg (dist Lakhimpur) 13, Bahalpur (dist Dhubri) 12, Khliehriat (dist East Jaintia Hills) 11, Dhemaji (dist Dhemaji) 11, Shella (dist East Khasi Hills) 10, Williamnagar (dist East Garo Hills) 9, Jowai_aws (dist West Jaintia Hills) 8, Hazuah (dist Barpeta) 8, Goalpara_cwc (dist Goalpara) 8, Aie Nh Xing (dist Bongaigaon) 7, Barapani (dist Ri Bhoi) 7, N.lakhimpur/lilabari (dist Lakhimpur) 7; **West Madhya Pradesh:** Ujjain-aws (dist Ujjain) 8; **Telangana:** Mominpet (dist Vikarabad) 7.

❖ **Extremely Heavy with Exceptionally Heavy rainfall** has been recorded at isolated places over Meghalaya.

❖ **Extremely Heavy rainfall** (20 cm and above) has been recorded at isolated places over Sub-Himalayan West Bengal & Sikkim.

❖ **Very Heavy rainfall (12-20 cm)** has been recorded at isolated places over Assam & Meghalaya, Arunachal Pradesh, Sub-Himalaya West Bengal & Sikkim.

❖ **Heavy rainfall (7-11 cm)** has been recorded at isolated places over Odisha, West Madhya Pradesh.

❖ **Heat wave to severe heat wave conditions** prevailed over Vidarbha and East Uttar Pradesh.

❖ **Warm Night conditions** prevailed at isolated places over Vidarbha.

❖ **Thunderstorm accompanied with Squally/Gusty winds with speed reaching 50-80 kmph** has been recorded at isolated places over Assam & Meghalaya, Gangetic West Bengal, Jharkhand, Haryana-Chandigarh, Saurashtra & Kutch, West Madhya Pradesh, Chhattisgarh, Telangana.

❖ **Thunderstorm accompanied with Squally/Gusty winds with speed reaching 30-50 kmph** has been recorded at isolated places over Andaman & Nicobar Islands, Sub-Himalayan West Bengal & Sikkim, Odisha, Jammu-Kashmir, Uttarakhand, Uttar Pradesh, East Madhya Pradesh, Vidarbha, Konkan & Goa, Madhya Maharashtra, Bihar, Tamil Nadu, Puducherry & Karaikal, North Interior Karnataka.

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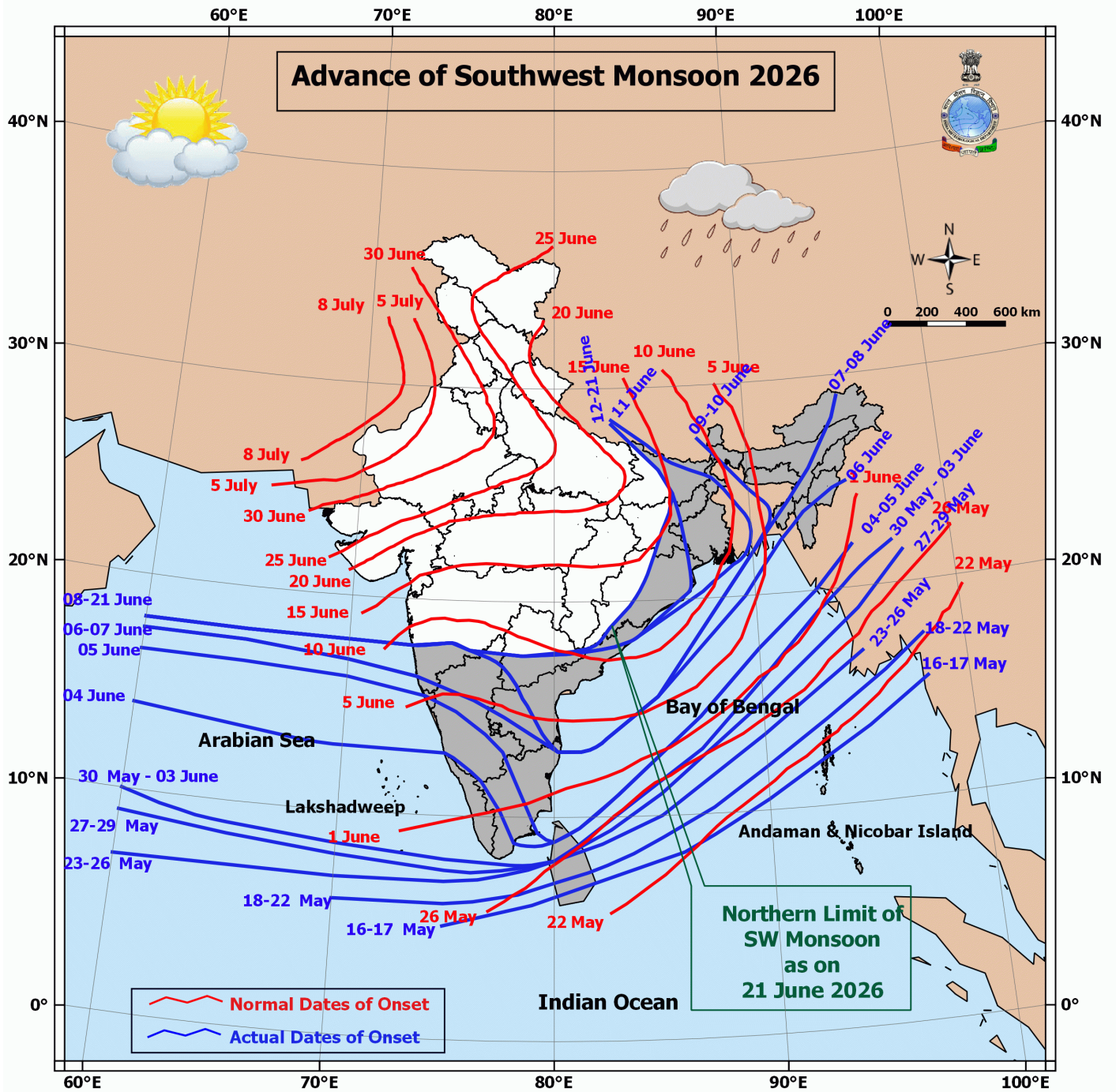
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❖ **Minimum Temperature Departures (as on 21-06-2026):** markedly above normal(> 5.1°C) at few places over East Madhya Pradesh and Vidarbha; at isolated places over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Jharkhand, Bihar, East Uttar Pradesh, West Uttar Pradesh, Himachal Pradesh, East Rajasthan, West Madhya Pradesh, Gujarat Region and Saurashtra & Kutch. **appreciably above normal(3.1°C to 5.0°C)** at few places over Sub Himalayan West Bengal & Sikkim, East Uttar Pradesh, West Uttar Pradesh, Marathwada and Chhattisgarh; at isolated places over Assam & Meghalaya, Gangetic West Bengal, Odisha, Bihar, Haryana-Chandigarh-Delhi, West Madhya Pradesh, East Madhya Pradesh, Konkan & Goa, Madhya Maharashtra, Vidarbha, Coastal Andhra Pradesh & Yanam and North Interior Karnataka. **above normal(1.6°C to 3.0°C)** at many places over Andaman & Nicobar Islands and Jharkhand; at few places over East Uttar Pradesh, West Uttar Pradesh, Punjab, Gujarat Region, Konkan & Goa, Madhya Maharashtra, Marathwada, Rayalaseema and Kerala & Mahe; at isolated places over Assam & Meghalaya, Gangetic West Bengal, Odisha, Bihar, Uttarakhand, Haryana-Chandigarh-Delhi, West Rajasthan, West Madhya Pradesh, East Madhya Pradesh, Saurashtra & Kutch, Vidarbha, Chhattisgarh, Coastal Andhra Pradesh & Yanam, Telangana, Tamil Nadu, Puducherry & Karaikal and North Interior Karnataka. **near normal(-1.5°C to 1.5°C)** at many places over Sub Himalayan West Bengal & Sikkim, Gangetic West Bengal, Odisha, Bihar, Uttarakhand, Himachal Pradesh, West Rajasthan, Saurashtra & Kutch, Telangana and Kerala & Mahe; at most places over Arunachal Pradesh, Nagaland, Manipur, Mizoram & Tripura, Tamil Nadu, Puducherry & Karaikal, Coastal Karnataka, North Interior Karnataka, South Interior Karnataka and Lakshadweep; at few places over Andaman & Nicobar Islands, Assam & Meghalaya, West Uttar Pradesh, Haryana-Chandigarh-Delhi, Punjab, East Rajasthan, West Madhya Pradesh, Gujarat Region, Konkan & Goa, Madhya Maharashtra, Chhattisgarh, Coastal Andhra Pradesh & Yanam and Rayalaseema; at isolated places over East Uttar Pradesh, Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad, East Madhya Pradesh and Vidarbha. **The lowest minimum temperature** of 17.0°C was reported at HALFLONG (ASSAM) over the Plains of India.

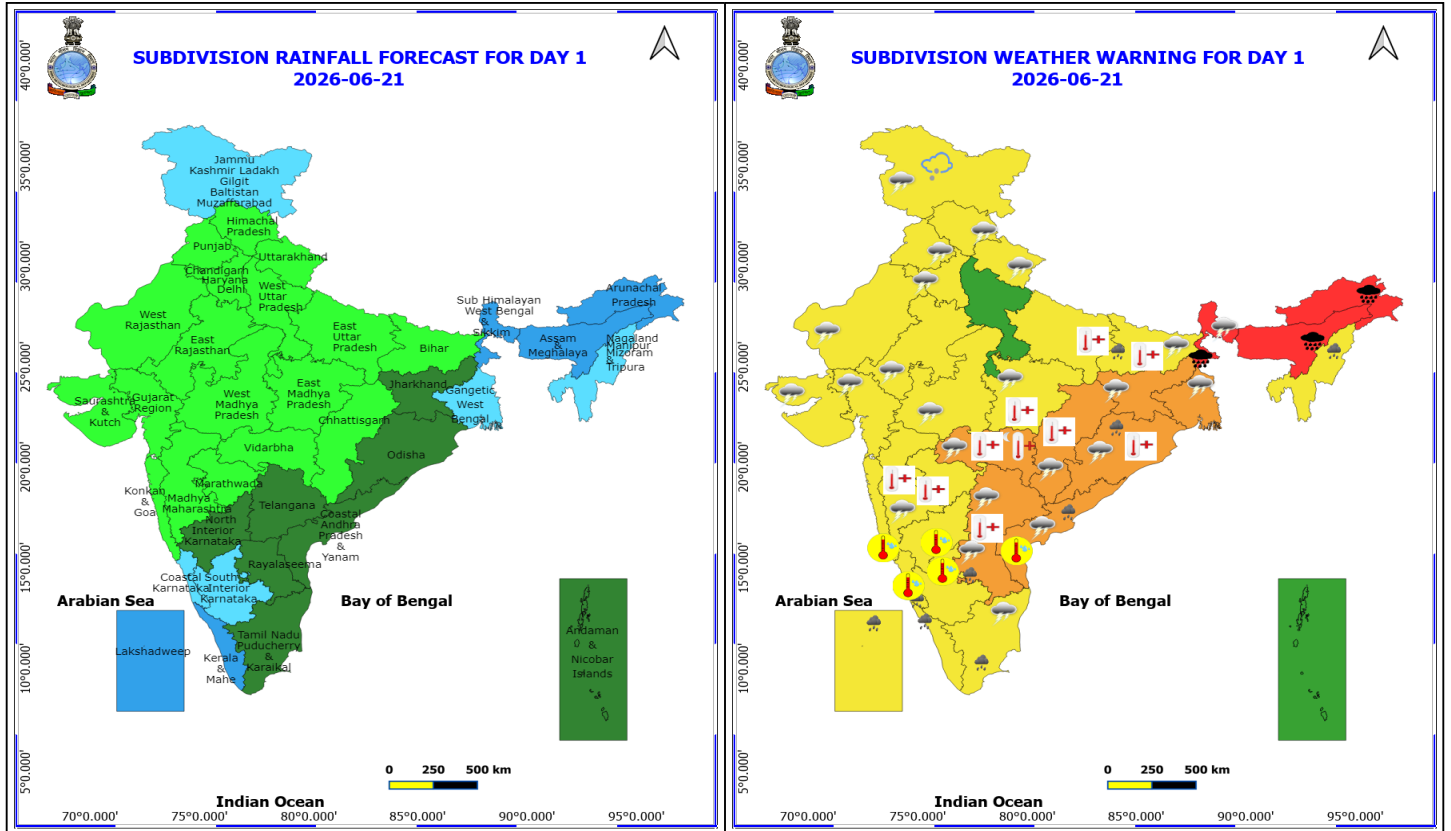
❖ **Maximum Temperature Departures (as on 20-06-2026):** markedly above normal(> 5.1°C) at many places over Haryana-Chandigarh-Delhi, Punjab and Himachal Pradesh; at most places over Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad; at isolated places over Assam & Meghalaya, East Uttar Pradesh, West Uttar Pradesh, Uttarakhand and West Rajasthan. **appreciably above normal(3.1°C to 5.0°C)** at many places over Jharkhand; at few places over Arunachal Pradesh, East Madhya Pradesh and Konkan & Goa; at isolated places over East Rajasthan, West Madhya Pradesh, Saurashtra & Kutch, Vidarbha, Coastal Andhra Pradesh & Yanam and Telangana. **above normal(1.6°C to 3.0°C)** at few places over Bihar and Chhattisgarh; at isolated places over Gangetic West Bengal, Odisha, Gujarat Region and Tamil Nadu, Puducherry & Karaikal. **near normal(-1.5°C to 1.5°C)** at many places over Madhya Maharashtra, Kerala & Mahe and Lakshadweep; at most places over Nagaland, Manipur, Mizoram & Tripura, Sub Himalayan West Bengal & Sikkim and Marathwada; at few places over Andaman & Nicobar Islands and Coastal Karnataka; at isolated places over Rayalaseema and North Interior Karnataka. **The highest maximum temperature** of 43.2°C was reported at BANDA (UTTAR PRADESH) & BRAHMAPURI (VIDARBHA).

Meteorological Analysis (Based on 0830 hours IST)

- The **Northern Limit of Monsoon** continues to pass through 18°N/60°E, 18°N/65°E, 18°N/70°E, Harnai, Solapur, Hyderabad, Bhadrachalam, Koraput, Phulbani, Ranchi, Jamui, Muzaffarpur and 28.3°N/83°E.
- **Conditions are favourable** for further advance of southwest monsoon into some more parts of Maharashtra, Telangana, Odisha, Jharkhand & Bihar, and some parts of Chhattisgarh around 23rd June, 2026.
- The **seasonal trough** at mean sea level from Punjab to Bihar across Haryana and Uttar Pradesh persists.
- The **Western Disturbance** now seen as a trough at 5.8 km above mean sea level roughly along Long 72°E to the north of Lat 32°N.
- The **upper air cyclonic circulation** over northwest Uttar Pradesh & neighbourhood at 1.5 km above mean sea level.
- The **upper air cyclonic circulation** over central Assam & neighbourhood at 0.9 km above mean sea level persists.
- An **upper air cyclonic circulation** lies over Rayalaseema & neighbourhood between 3.1 & 4.5 km above mean sea level.
- The **trough** from Jharkhand to Coastal Andhra Pradesh now runs from North Chhattisgarh to Telangana at 0.9 km above mean sea level.
- The **trough** in lower tropospheric westerlies with its axis at 1.5 km above mean sea level now runs from East Bihar to Coastal Gangetic West Bengal.
- The **trough** from north Gujarat to West Central Arabian Sea across Saurashtra at 5.8 km above mean sea level persists.
- The **upper air cyclonic circulation** over north Lakshadweep & neighbourhood at 3.1 km above mean sea level has become less marked.



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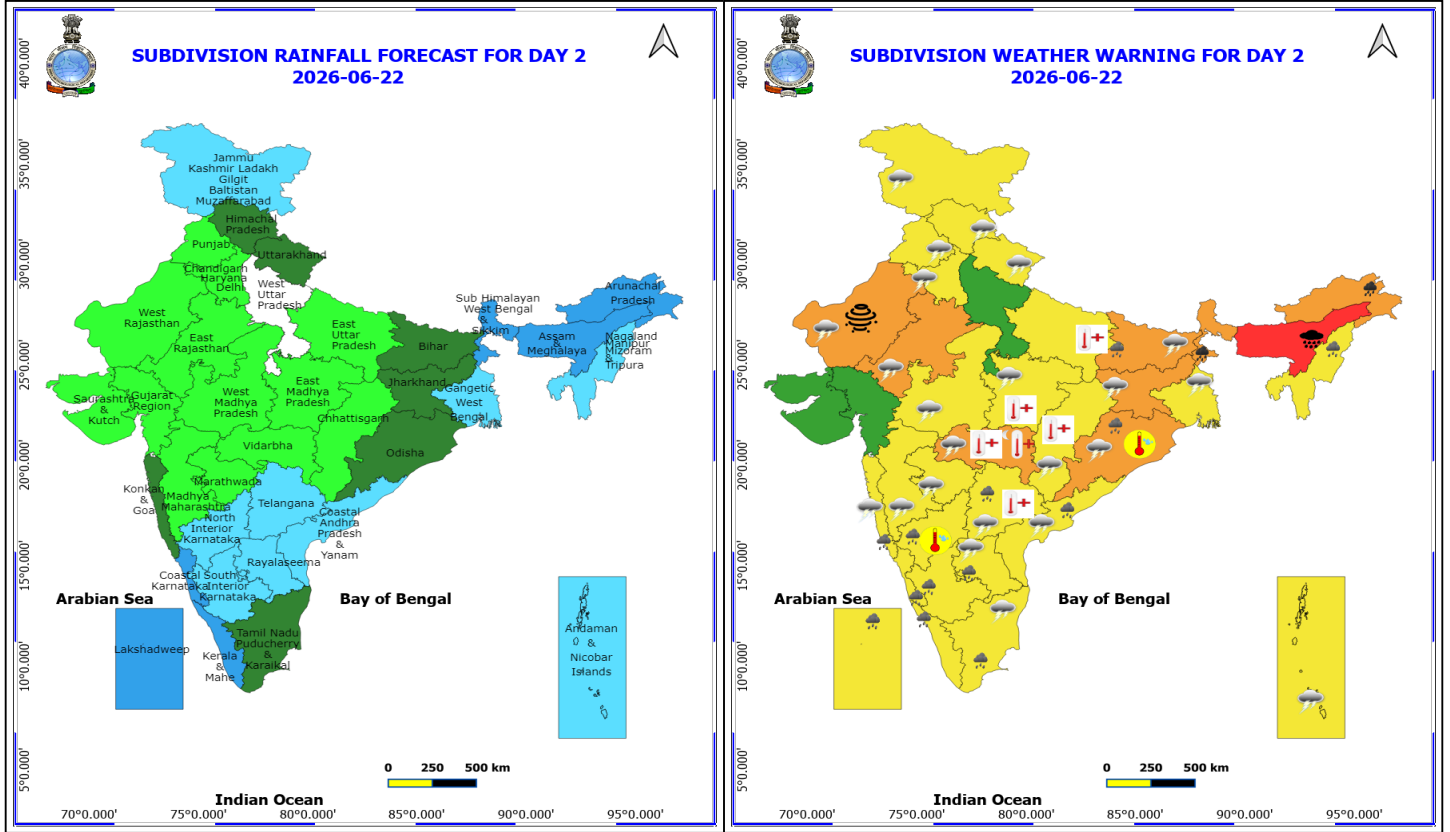
21 June (Day 1)

- ❖ **Heavy to Very Heavy Rainfall with isolated Extremely Heavy Rainfall** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya and Sub Himalayan West Bengal & Sikkim.
- ❖ **Heavy Rainfall** very likely at isolated places over Andhra Pradesh, Bihar, Coastal Karnataka, Kerala & Mahe, Lakshadweep, Nagaland, Manipur, Mizoram and Tripura, Odisha and Tamil Nadu Puducherry & Karaikal.
- ❖ **Thunderstorm accompanied with Hailstorm** very likely at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad.
- ❖ **Thundersquall with wind speed reaching(50-60kmph)** very likely at isolated places over Andhra Pradesh, Chhattisgarh, Jharkhand, Odisha and Telangana.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Bihar, Gujarat State, Haryana, Chandigarh & Delhi, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Madhya Maharashtra, Madhya Pradesh, Punjab, Rajasthan, Tamil Nadu Puducherry & Karaikal, Uttarakhand, Vidarbha and West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Andaman & Nicobar Islands, Interior Karnataka, Kerala & Mahe and Lakshadweep.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Nagaland, Manipur, Mizoram and Tripura.
- ❖ **Heat Wave conditions** very likely at isolated places over Bihar, Chhattisgarh, East Madhya Pradesh, East Uttar Pradesh, Madhya Maharashtra, Marathwada, Odisha and Telangana.

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- ❖ **Heat Wave to Severe Heat Wave conditions** very likely at isolated places over Vidarbha.
 - ❖ **Hot and Humid weather** very likely at isolated places over Coastal Andhra Pradesh, Karnataka and Konkan & Goa.
 - ❖ **Warm Night conditions** very likely at isolated places over Vidarbha.
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- ❖ **Arabian Sea: Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail along and off Somalia coast, few parts of southwest Arabian sea, along and off North Oman coasts adjoining northwest Arabian Sea.
 - ❖ **Bay of Bengal: Squally Weather with wind speed 40-50 kmph gusting to 60 kmph** is likely to prevail over Gulf of Mannar, some parts of northwest and adjoining westcentral Bay of Bengal, some parts of eastcentral Bay of Bengal and north Andaman Sea.



22 June (Day 2)

- ❖ **Heavy to Very Heavy Rainfall with isolated Extremely Heavy Rainfall** very likely at isolated places over Assam & Meghalaya.
- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Arunachal Pradesh and Sub Himalayan West Bengal & Sikkim.
- ❖ **Heavy Rainfall** very likely at isolated places over Andhra Pradesh, Bihar, Karnataka, Kerala & Mahe, Konkan & Goa, Lakshadweep, Nagaland, Manipur, Mizoram and Tripura, Odisha, Tamil Nadu Puducherry & Karaikal and Telangana.
- ❖ **Thundersquall with wind speed reaching(60-70kmph) gusting to 80 kmph** very likely at isolated places over Rajasthan.
- ❖ **Thundersquall with wind speed reaching(50-60kmph)** very likely at isolated places over Bihar, Jharkhand and Odisha.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Andaman & Nicobar Islands, Andhra Pradesh, Chhattisgarh, Gangetic West Bengal, Haryana, Chandigarh & Delhi, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Konkan & Goa, Madhya Pradesh, Maharashtra, Punjab, Tamil Nadu Puducherry & Karaikal, Telangana and Uttarakhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Kerala & Mahe, Lakshadweep and Sub Himalayan West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Nagaland, Manipur, Mizoram and Tripura.

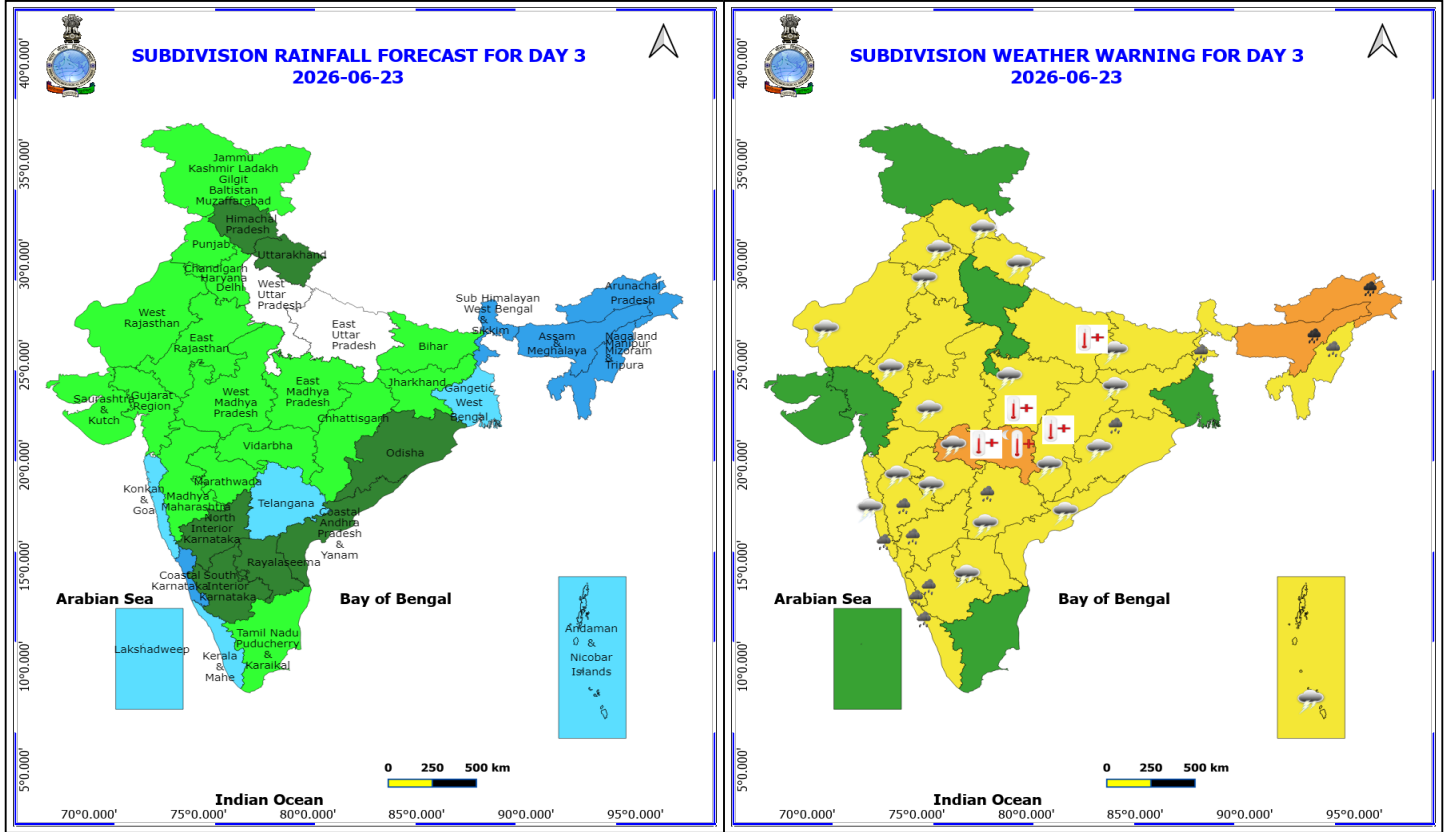
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- ❖ **Dust Storm** very likely at isolated places over West Rajasthan.
 - ❖ **Heat Wave conditions** very likely at isolated places over Chhattisgarh, East Madhya Pradesh, East Uttar Pradesh and Telangana.
 - ❖ **Heat Wave to Severe Heat Wave conditions** very likely at isolated places over Vidarbha.
 - ❖ **Hot and Humid weather** very likely at isolated places over North Interior Karnataka and Odisha.
 - ❖ **Warm Night conditions** very likely at isolated places over Vidarbha.
-
- ❖ **Arabian Sea: Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail along and off Somalia, some parts of southwest & adjoining westcentral Arabian sea, along & off Oman coast and adjoining westcentral Arabian Sea.
 - ❖ Along & off south Konkan, Goa, Karnataka, Kerala coasts, Lakshadweep, Maldives and adjoining Comorin area, Gulf of Mannar and adjoining eastcentral & southeast Arabian Sea.
 - ❖ **Bay of Bengal: Squally Weather with wind speed 40-50 kmph gusting to 60 kmph** is likely to prevail over Gulf of Mannar, along and off Odisha, Gangetic west Bengal, some parts of north and adjoining central Bay of Bengal.



23 June (Day 3)

- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Arunachal Pradesh and Assam & Meghalaya.
 - ❖ **Heavy Rainfall** very likely at isolated places over Karnataka, Kerala & Mahe, Konkan & Goa, Madhya Maharashtra, Nagaland, Manipur, Mizoram and Tripura, Odisha, Sub Himalayan West Bengal & Sikkim and Telangana.
 - ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Andaman & Nicobar Islands, Andhra Pradesh, Bihar, Chhattisgarh, Haryana, Chandigarh & Delhi, Himachal Pradesh, Jharkhand, Konkan & Goa, Madhya Pradesh, Maharashtra, Odisha, Punjab, Rajasthan, Telangana and Uttarakhand.
 - ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over West Bengal & Sikkim.
 - ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Nagaland, Manipur, Mizoram and Tripura.
 - ❖ **Heat Wave conditions** very likely at isolated places over Chhattisgarh, East Madhya Pradesh and East Uttar Pradesh.
 - ❖ **Heat Wave to Severe Heat Wave conditions** very likely at isolated places over Vidarbha.
 - ❖ **Warm Night conditions** very likely at isolated places over Vidarbha.
-
- ❖ **Arabian Sea: Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail along and off Somalia & Oman coast, some parts of westcentral & adjoining parts northwest & southwest Arabian sea.

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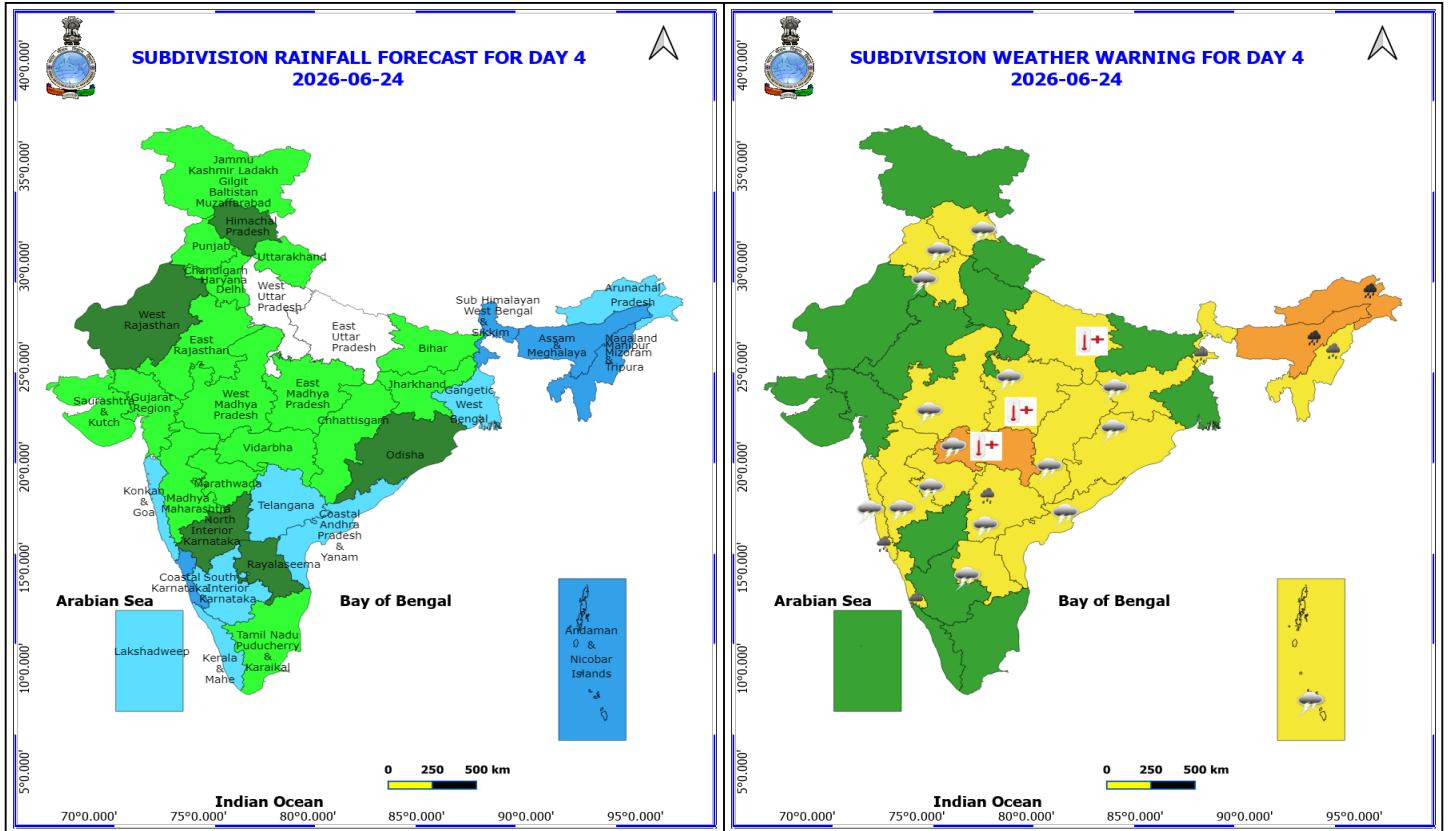
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- ❖ Along & off Konkan, Goa, Karnataka, Kerala coasts, Lakshadweep, Maldives and adjoining Comorin area, Gulf of Mannar and adjoining parts of eastcentral & southeast Arabian Sea.
- ❖ **Bay of Bengal: Squally Weather with wind speed 40-50 kmph gusting to 60 kmph** is likely to prevail over Gangetic West Bengal, many parts of north and adjoining central Bay of Bengal.

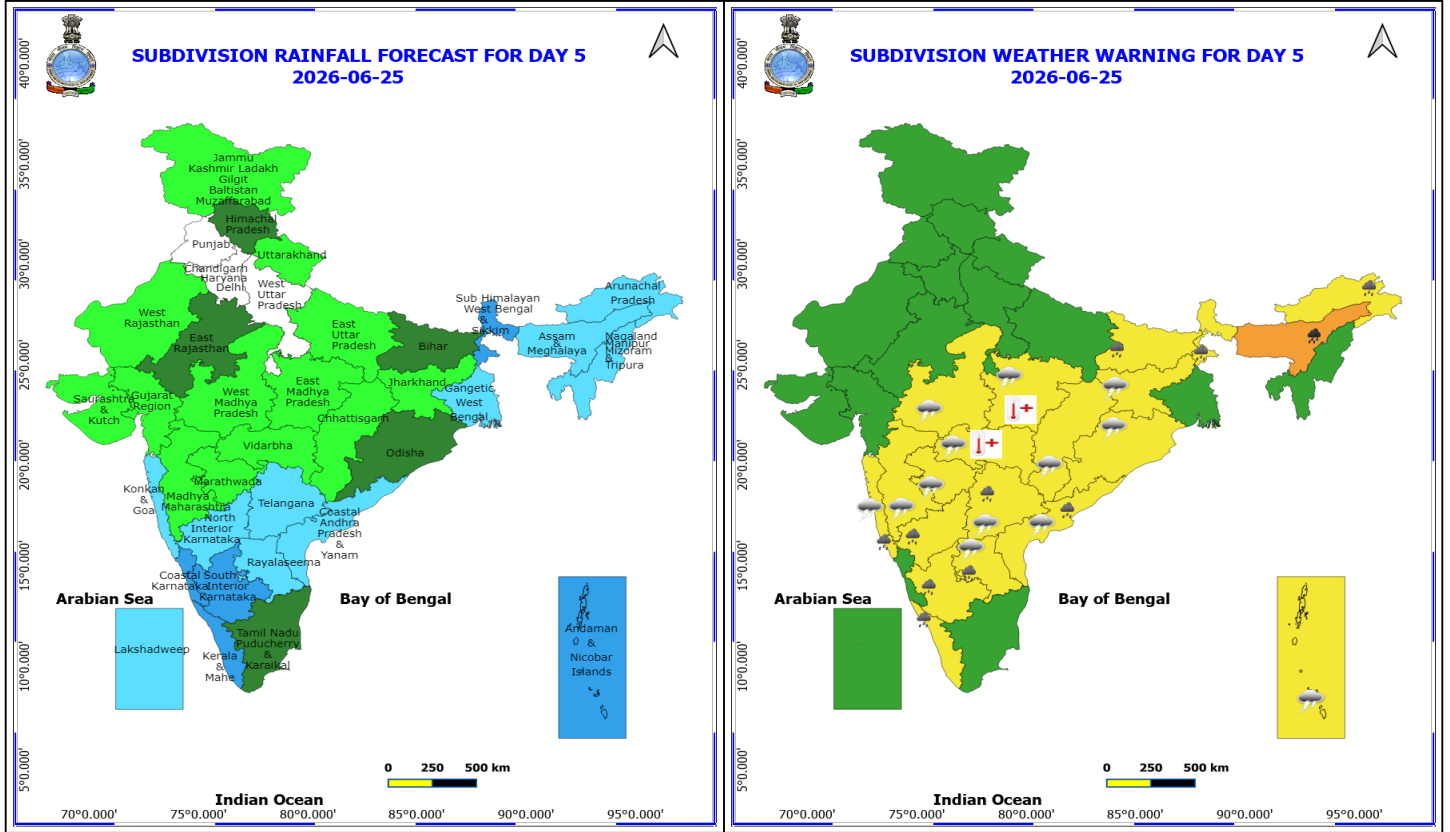


24 June (Day 4)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Arunachal Pradesh and Assam & Meghalaya.
 - ❖ **Heavy Rainfall** likely at isolated places over Coastal Karnataka, Konkan & Goa, Nagaland, Manipur, Mizoram and Tripura, Sub Himalayan West Bengal & Sikkim and Telangana.
 - ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands, Andhra Pradesh, Chhattisgarh, Haryana, Chandigarh & Delhi, Himachal Pradesh, Jharkhand, Konkan & Goa, Madhya Pradesh, Maharashtra, Odisha, Punjab and Telangana.
 - ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Bihar, Rajasthan and West Bengal & Sikkim.
 - ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Nagaland, Manipur, Mizoram and Tripura.
 - ❖ **Heat Wave conditions** likely at isolated places over East Madhya Pradesh and East Uttar Pradesh.
 - ❖ **Heat Wave to Severe Heat Wave conditions** likely at isolated places over Vidarbha.
-
- ❖ **Arabian Sea: Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail along and off Somalia & Oman coast, some parts of westcentral & adjoining some parts southwest Arabian sea.
 - ❖ Along & off Konkan, Goa, Karnataka, coasts and adjoining parts of eastcentral Arabian Sea.
 - ❖ **Bay of Bengal: Squally Weather with wind speed 40-50 kmph gusting to 60 kmph** is likely to prevail over Gangetic West Bengal, most parts of north and adjoining eastcentral Bay of Bengal.

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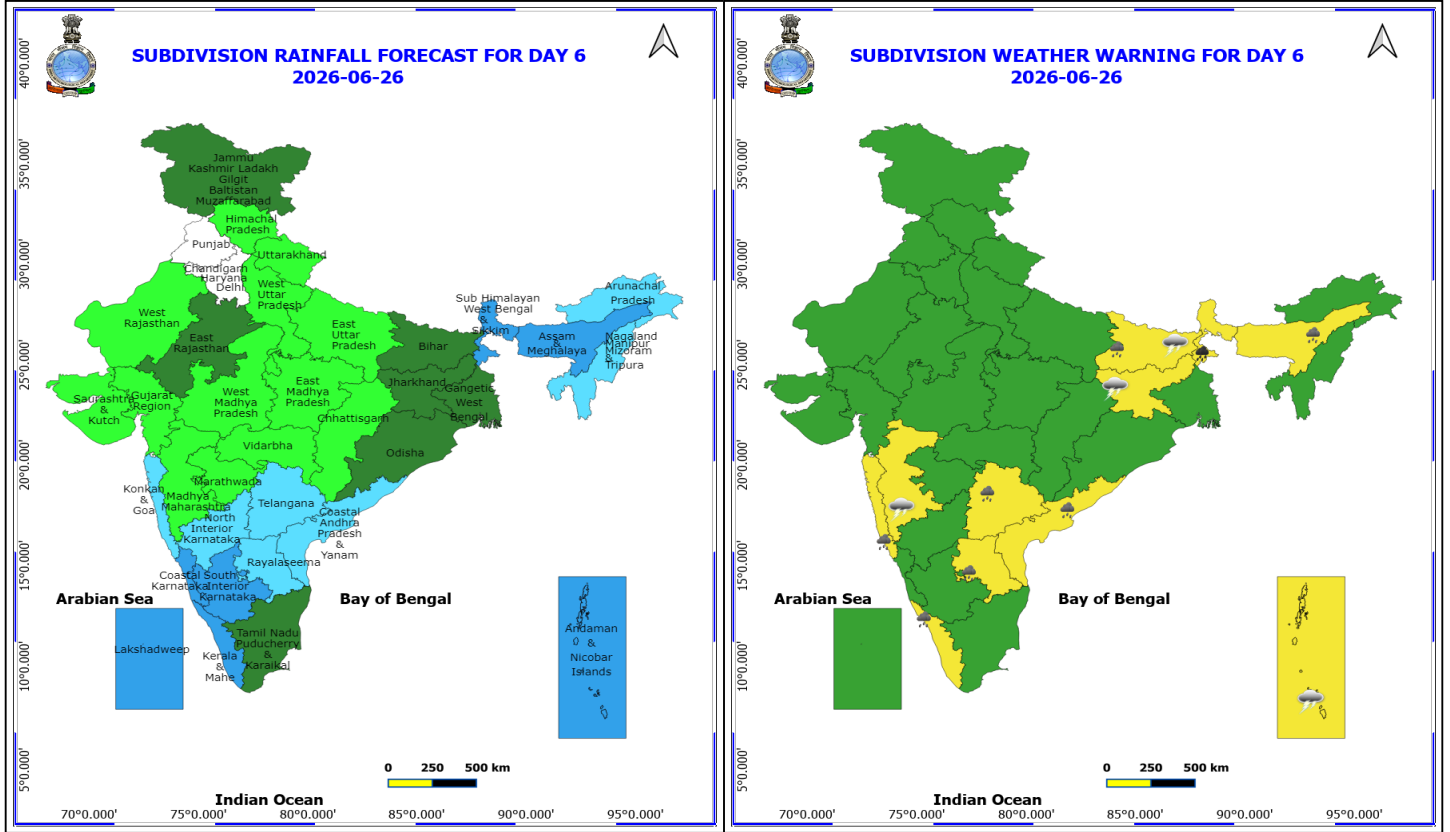
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25 June (Day 5)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Assam & Meghalaya.
- ❖ **Heavy Rainfall** likely at isolated places over Andhra Pradesh, Arunachal Pradesh, Bihar, Interior Karnataka, Kerala & Mahe, Konkan & Goa, Sub Himalayan West Bengal & Sikkim and Telangana.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands, Andhra Pradesh, Chhattisgarh, Jharkhand, Konkan & Goa, Madhya Pradesh, Maharashtra, Odisha and Telangana.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Bihar, Rajasthan and West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Nagaland, Manipur, Mizoram and Tripura.
- ❖ **Heat Wave conditions** likely at isolated places over East Madhya Pradesh and Vidarbha.

No Fishermen Warning



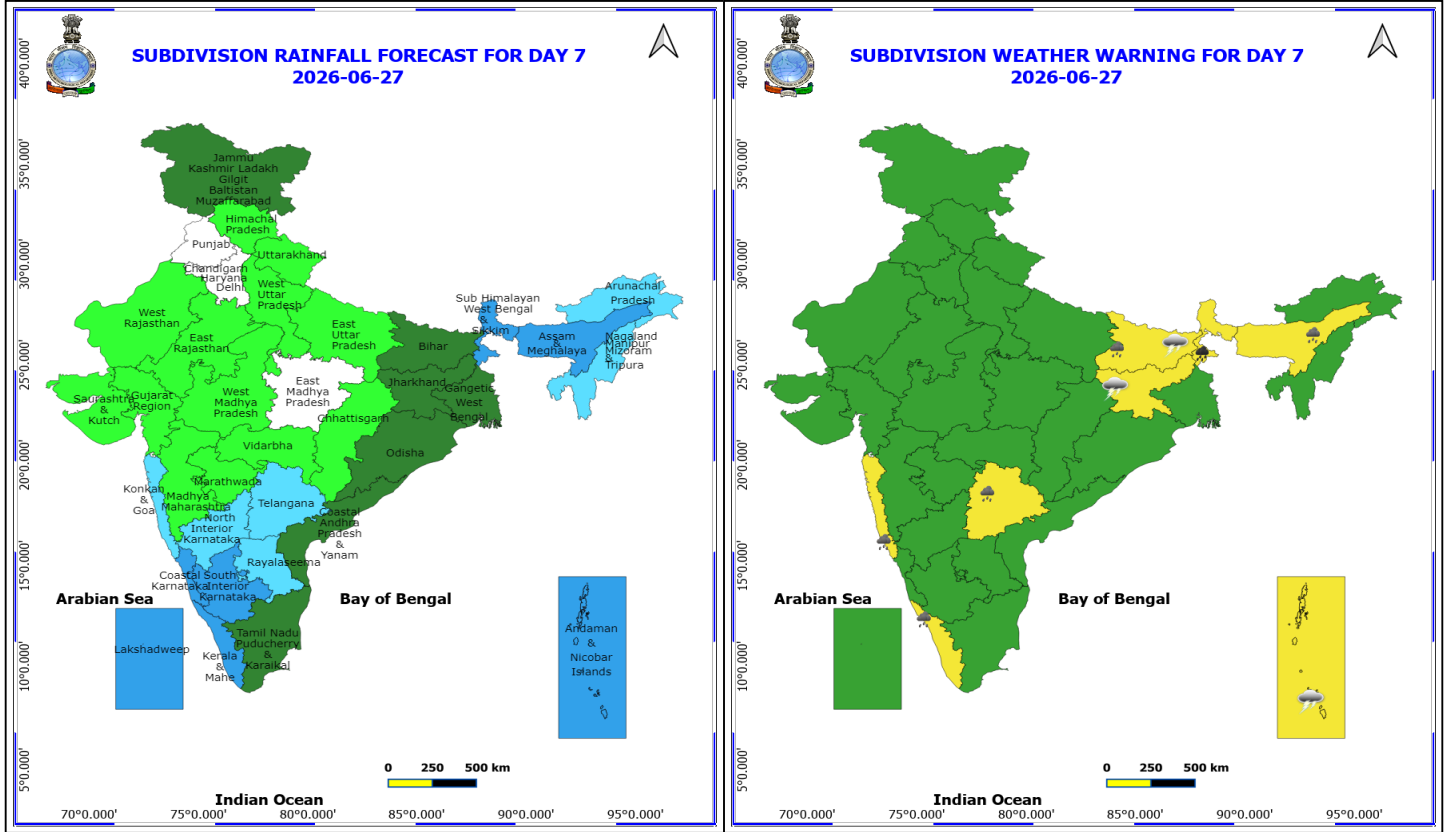
26 June (Day 6)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Sub Himalayan West Bengal & Sikkim.
- ❖ **Heavy Rainfall** likely at isolated places over Andhra Pradesh, Assam & Meghalaya, Bihar, Kerala & Mahe, Konkan & Goa and Telangana.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands, Bihar, Jharkhand and Madhya Maharashtra.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Rajasthan and West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Nagaland, Manipur, Mizoram and Tripura.

No Fishermen Warning

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27 June (Day 7)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Sub Himalayan West Bengal & Sikkim.
- ❖ **Heavy Rainfall** likely at isolated places over Assam & Meghalaya, Bihar, Kerala & Mahe, Konkan & Goa and Telangana.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands, Bihar and Jharkhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Rajasthan and West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Nagaland, Manipur, Mizoram and Tripura.

No Fishermen Warning

Flash Flood Warnings

24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 22-06-2026 :

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

Arunachal Pradesh - Changlang, Dibang Valley, East Kameng, East Siang, Lohit, Lower Dibang Valley, Lower Subansiri, Papum-Pare, Tirap, West Kameng, West Siang, Anjaw, Upper Siang and Kurung Kumey districts.
Assam & Meghalaya - Barpeta, Bongaigaon, Chirang, Goalpara, Karbi Analog, Kokrajhar, Nalbari, Karimganj, East Khasi Hills, South Garo Hills, West Khasi Hills, Dhubri and Jaintia Hills districts.

Sub-Himalayan West Bengal & Sikkim - Jalpaiguri and Kochbihar districts.

Surface runoff/ Inundation may occur at some fully saturated soils & low-lying areas over Area of Concern (AoC) as shown in map due to expected rainfall occurrence in next 24 hours

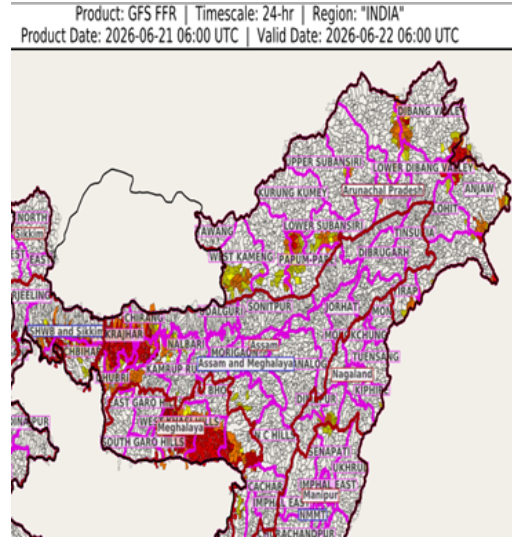




Table-1

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

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Fig. 1: Maximum Temperatures Dated 2026-06-20

Fig. 2: Departure of Maximum Temp. Dated 2026-06-20

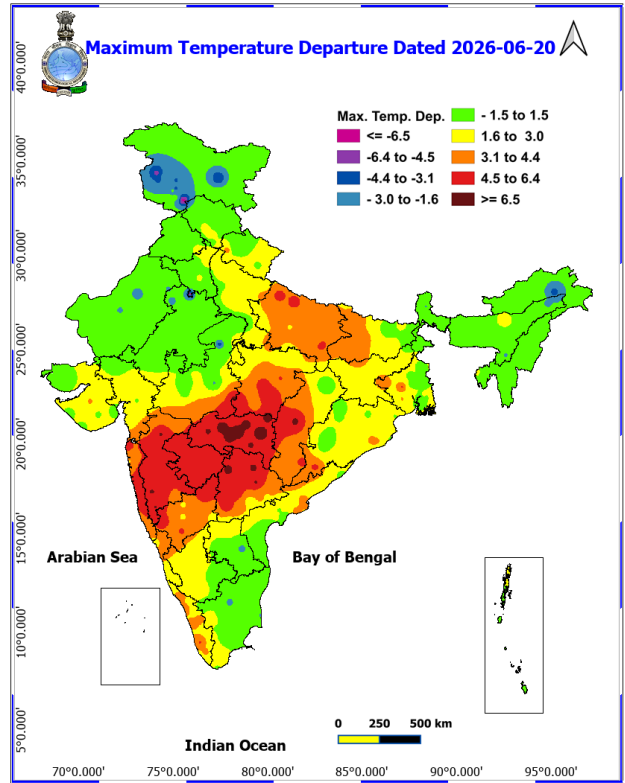
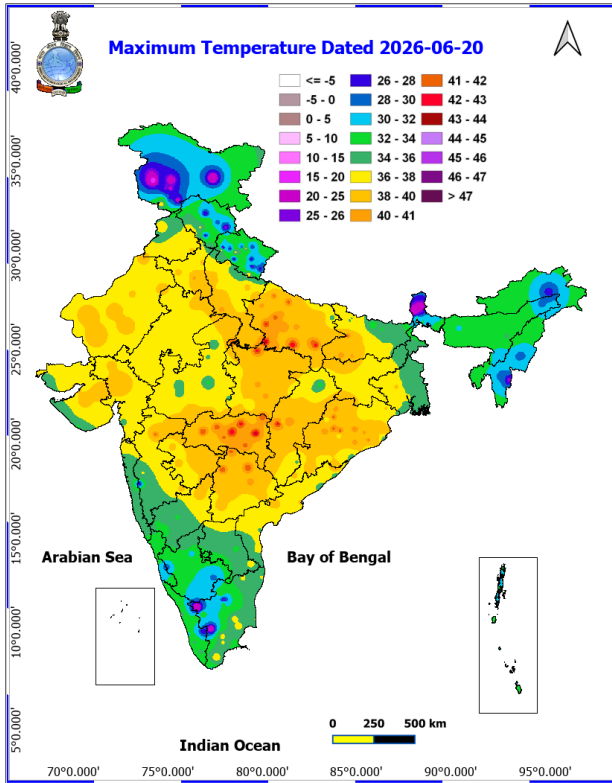
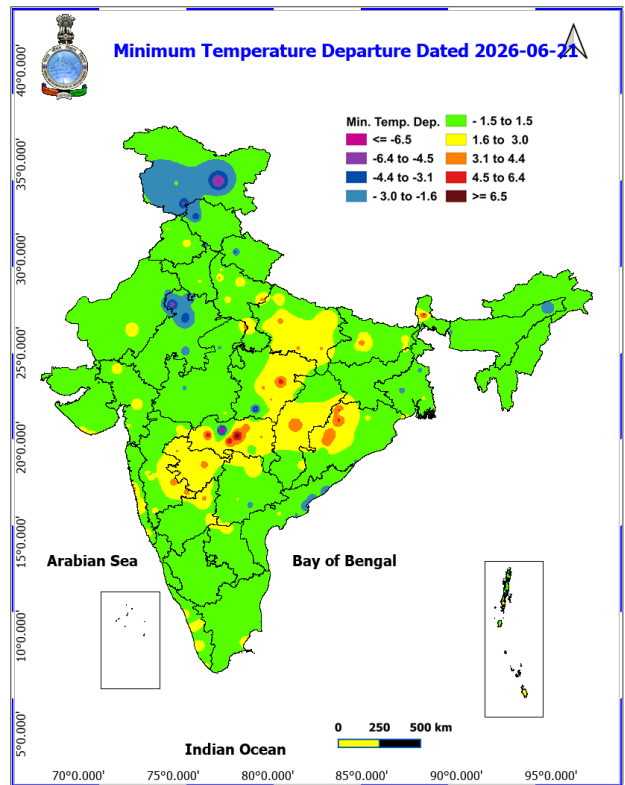
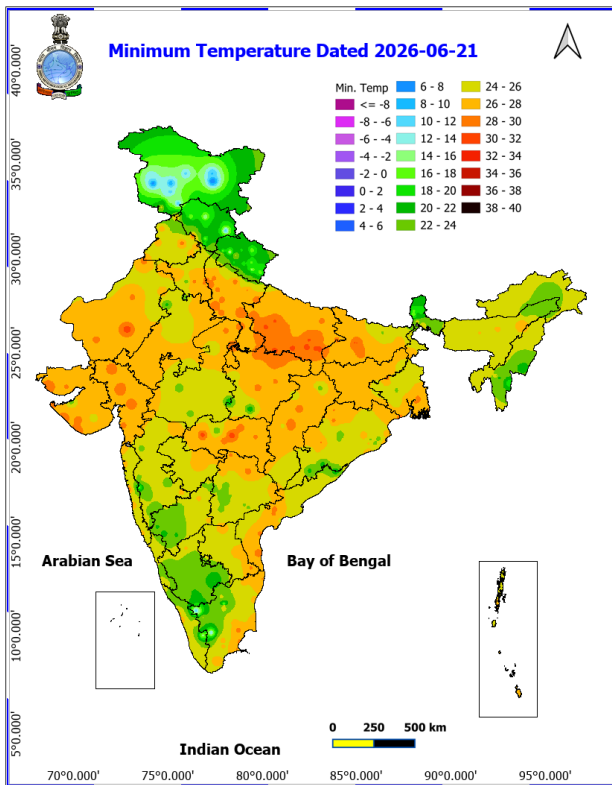
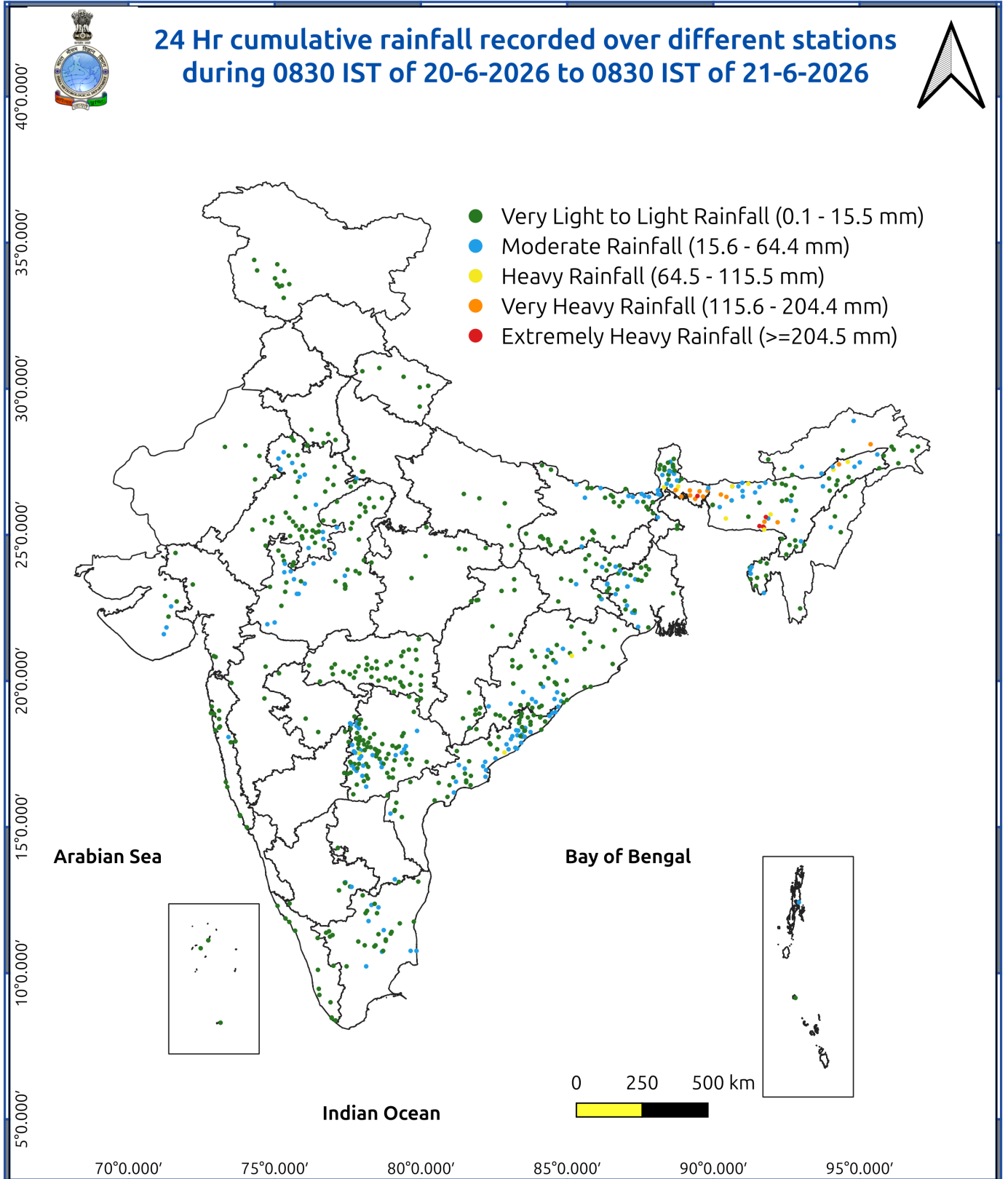


Fig. 3: Minimum Temperatures Dated 2026-06-21

Fig. 4: Departure of Minimum Temp. Dated 2026-06-21





Impact and Actions

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

- Isolated **heavy to very heavy rainfall** over northeast adjoining east India during next 4-5 days.
- Isolated **Extremely heavy rainfall** also likely Sub-Himalayan West Bengal & Sikkim, Arunachal Pradesh on 21st and Assam & Meghalaya during 21st-22nd June.

Impact Expected

Localized Flooding of roads, water logging in low lying areas and closure of underpasses mainly in urban areas.

Occasional reduction in visibility due to heavy rainfall.

Disruption of traffic in major cities due to water logging in roads leading to increased travel time.

Minor damage to kutcha roads.

Possibilities of damage to vulnerable structure.

Localized Landslides/Mudslides/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.

Impact expected and action suggested due to isolated thunderstorm with lightning, gusty/squally winds & hailstorm over

- **Moderate to severe thunderstorm activity likely over Central and East India today.**
- **Isolated Hailstorm likely over Jammu & Kashmir on 21st June.**

Impact expected:

- Breaking of tree branches, uprooting of large avenue trees. Large dead limbs blown from trees. Damage to Standing crops.
- Minor to Major damage to banana and papaya trees.
- Minor to major damage to power and communication lines due to breaking of branches.
- Strong wind/hail may damage plantation, horticulture and standing crops.
- Partial damage to vulnerable structures due to strong winds.
- Minor damage to kutcha houses/walls and huts.
- Loose objects may fly.

Action suggested:

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- People are advised to keep a watch on the weather for worsening conditions and be ready to move to safer places accordingly.
- Stay indoors, close windows & doors and avoid travel if possible.
- Take safe shelters; do not take shelter under trees.
- Do not lie on concrete floors and do not lean against concrete walls.
- Unplug electrical/ electronic appliances.
- Immediately get out of water bodies.
- Keep away from all the objects that conduct electricity.

Impact expected and action suggested due to Heat wave conditions:

- **Heat wave to severe heat wave conditions** very likely in isolated pockets over Vidarbha, East Madhya Pradesh, East Uttar Pradesh during 21st to 25th June.
- **Heat wave conditions** very likely in isolated pockets over Chhattisgarh during 21st to 23rd; Telangana during 21st-22nd June and Madhya Maharashtra, Marathwada on 21st June.

Alert Areas

High temperature & increased likelihood of heat illness symptoms in people who are either exposed to sun for a prolonged period or doing heavy work.

High health concern for vulnerable people e.g. infants, elderly, people with chronic diseases.

Avoid heat exposure— keep cool. Avoid dehydration.

Drink sufficient water- even if not thirsty.

Use ORS, homemade drinks like lassi, torani (rice water), lemon water, buttermilk, etc. to keep yourself hydrated.

Agromet advisories for various parts of the country

Agromet advisories for likely impact of Hailstorms

In **Jammu & Kashmir**, use hail nets or hail caps in fruit orchards and vegetable plants to protect them from mechanical damage. Ensure effective field drainage to prevent waterlogging. Undertake picking of matured fruits at the earliest. Keep the harvested produce in safe places.

Agromet advisories for likely impact of Heavy Rainfall

In **Arunachal Pradesh**, ensure proper drainage in vegetables, maize, rice nursery and other crop fields to prevent waterlogging. Harvest mature vegetables and fruits to avoid crop losses.

In **Assam**, ensure proper drainage arrangements for quick removal of excess water from rice nurseries, jute, ginger, turmeric, vegetables, banana, citrus and papaya. Avoid nursery sowing of *Sali* rice during heavy rainfall. Cover the rice nursery beds with thin polythene sheet. Provide mechanical support to the sugarcane crop to prevent lodging.

In **Meghalaya**, ensure proper drainage channels in rice nurseries, maize, ginger, cowpea, vegetable fields and banana plantations. Protect young seedlings from direct exposure to heavy rainfall. Use propping (bamboo or wooden poles) to support heavily laden plants.

In **Nagaland**, delay transplanting of brinjal in main field. For already transplanted seedlings, maintain proper drainage in and around the fields of maize, vegetables and orchard.

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In **Manipur**, avoid transplanting of rice during heavy rainfall. Ensure proper drainage in soybean, chilli, ginger, turmeric, banana and other crop fields and newly transplanted seedlings and nursery crops to avoid water stagnation.

In **Mizoram**, create drainage channels surrounding the rice fields and utilize grass mulch to cover the seeds. Provide support to fruit-bearing or partially lodge plants/trees. Propping should be done to prevent maize plants from lodging.

In **Tripura**, ensure adequate drainage arrangements to remove excess water from rice and vegetable fields during heavy rainfall.

In **Sub Himalayan West Bengal and Sikkim**, avoid nursery sowing of rice during heavy rainfall; protect already sown rice nursery beds with straw mulch, dry grass, or temporary polythene / agro-net covers to prevent seed washing, poor germination and seedling loss. Drain out excess water from jute, ginger, chilli, tomato and dalley khorsani fields and nurseries of *kharif* rice and vegetables.

Madhya Maharashtra, undertake harvesting of matured summer groundnut, fruits and vegetables as early as possible and keep the harvested produce at safer places. Provide mechanical support to orchards, staking in vegetables.

In **Keralam**, drain out excess water from banana, coconut, cardamom, ginger, black pepper and vegetables. Provide staking support in banana plants and strengthen the pandals of vegetable crops. Avoid transplanting of rice during heavy rain.

In **Tamil Nadu**, maintain proper drainage in rice, cumbu, groundnut, sugarcane, banana and vegetables. Keep the harvested produce at safe places.

In **Karnataka**, ensure proper drainage in rice seedbeds to prevent water stagnation.

In **Lakshadweep**, provide adequate drainage in standing crop fields to prevent waterlogging.

In **Telangana**, ensure proper drainage in orchards to prevent water stagnation and reduce fruit drop during rainy condition. Keep harvested fruits under shade and cover them with tarpaulin or plastic sheets to protect from rainwater damage.

In the regions expecting heavy rainfall, including **Adhra Pradesh, Odisha and Bihar** withhold irrigation in standing crops, make necessary arrangements to remove excess rainwater from the crop fields.

Agromet advisories for likely impact of High temperatures / Heat Waves

In **Bihar, Odisha, East Uttar Pradesh, East Madhya Pradesh, Marathwada, Vidarbha, Chhattisgh and Telangana**, apply light irrigation as per requirement in vegetable crops and fruit orchards. Carry out mulching with crop residue, straw or polythene to conserve soil moisture. Use temporary shade nets to protect the fruit plants from high temperatures.

Agromet advisories for likely impact of Thunderstorm / Gusty Winds

Shift the harvested produce in safer places or cover the produce with tarpaulin sheets in the fields. Tie the harvested crops securely and cover them to minimize the risk of displacement from strong surface winds.

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

Livestock / Poultry / Fisheries

Keep the animals inside the shed during heavy rainfall and provide them balanced feed.

Store the feed and fodder in a safe place to prevent spoilage.

In regions with high temperatures and heat wave conditions, provide clean, cool drinking water to animals, and cover

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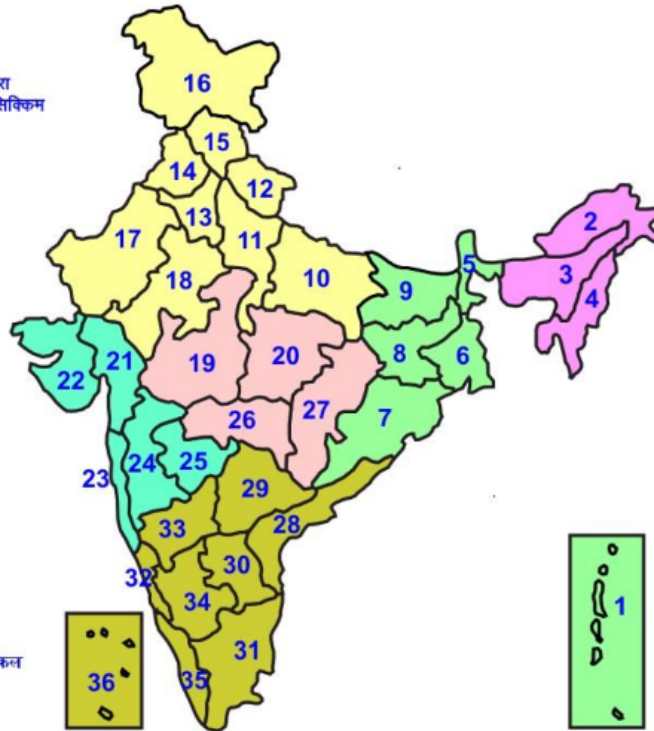


the roofs of poultry sheds with grass to reduce the adverse effects of heat.

Construct an outlet with proper netting around the ponds to drain excess water, thereby preventing fish from escaping in the event of overflow.

LEGENDS

- 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 बांगाल
- 7 ओडिसा
- 8 झारखंड
- 9 बिहार
- 10 पूर्वी उत्तर प्रदेश
- 11 पश्चिम उत्तर प्रदेश
- 12 उत्तराखंड
- 13 हरियाणा चंडिगढ़ 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 मराठावाडा
- 26 विदर्भ
- 27 छत्तीसगढ़
- 28 तटीय आंध्र प्रदेश एवं यनम
- 29 तेलंगाना
- 30 रायलसीमा
- 31 तमिलनाडु, पुदुचेरी एवं कराईकल
- 32 तटिय कर्नाटक
- 33 आंतरिक उत्तरी कर्नाटक
- 34 आंतरिक दक्षिणी कर्नाटक
- 35 केरल एवं माहे
- 36 लक्षद्वीप



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

SPATIAL DISTRIBUTION (% of Stations reporting)

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

Subdivision Colour

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

Probabilistic Forecast

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

- | | | | |
|--------------------------|-----------------|----------------------|--------------------|
| Heavy Rain | Very Heavy Rain | Extremely Heavy Rain | Heavy Snow |
| Thunderstorm & Lightning | Hailstorm | Dust Storm | Dust Raising Winds |
| Strong surface winds | Heat Wave | Hot Day | Warm Night |
| Cold Wave | Cold Day | Ground Frost | Fog |
| Hot & Humid | | | |

*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

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LEGENDS

WARNING

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

Probabilistic Forecast

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



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



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

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

(b). Based on Actual maximum temperature

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

(c). Criteria for heat wave for coastal stations

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



When maximum temperature remains 40°C

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



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

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

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

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

(c) For Coastal Stations

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



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

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



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

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



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



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



Ice deposits on ground

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



A strong wind that rises suddenly, lasts for 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)

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