

2026-06-03

Time of Issue: 14:10:00 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 10°N/60°E, 9°/65°E, 8.5°N/70°E, 8°N/75°E, 7.8°N/78°E, 8°N/80°E, 10°N/80°E, 13°N/87°E, 16°N/90°E, 19°N/93°E and 22°N/97°E.
- **Conditions are favourable for further advance of southwest monsoon** into some more parts of southwest & southeast Arabian Sea, Lakshadweep Islands, some parts of Kerala & Tamil Nadu, some more parts of southwest, westcentral, eastcentral & northeast Bay of Bengal, and remaining parts of southeast Bay of Bengal during next 24 hours.

#### Weather Forecast and Warnings:

##### Northeast India:

- **Fairly widespread to widespread** light to moderate rainfall likely over the region during next 7 days.
- Isolated **heavy rainfall** likely over Arunachal Pradesh on 4<sup>th</sup> June and during 6<sup>th</sup>-9<sup>th</sup> June; Assam & Meghalaya during 4<sup>th</sup>-7<sup>th</sup> June; Nagaland, Manipur, Mizoram & Tripura during 6<sup>th</sup> -7<sup>th</sup> June with isolated **very heavy rainfall** also likely over Assam & Meghalaya during 8<sup>th</sup>-9<sup>th</sup> June.

##### South Peninsular India:

- **Fairly widespread to widespread** light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 50-60 kmph)** likely over North Interior Karnataka during 3<sup>rd</sup>-5<sup>th</sup> June; with **gusty winds (speed reaching 40-50 kmph)** likely over Kerala & Mahe and Lakshadweep during 3<sup>rd</sup>-4<sup>th</sup> June; North Interior Karnataka during 6<sup>th</sup>-7<sup>th</sup> June; South Interior Karnataka during 3<sup>rd</sup>-5<sup>th</sup> June.
- **Isolated to scattered** light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 50-60 kmph)** likely over Coastal Andhra Pradesh & Yanam on 3<sup>rd</sup> June; Telangana during 3<sup>rd</sup>-4<sup>th</sup> June, with **gusty winds (speed reaching 40-50 kmph)** likely over Rayalaseema and Tamil Nadu, Puducherry & Karaikal during 3<sup>rd</sup>-7<sup>th</sup> June; Coastal Andhra Pradesh & Yanam during 4<sup>th</sup>-7<sup>th</sup> June; Telangana during 5<sup>th</sup>-9<sup>th</sup> June.
- Isolated **heavy rainfall** likely over North Interior Karnataka and Tamil Nadu, Puducherry & Karaikal during 3<sup>rd</sup>-8<sup>th</sup> June; Lakshadweep during 3<sup>rd</sup>-6<sup>th</sup> June; Coastal Karnataka during 4<sup>th</sup>-7<sup>th</sup> June; South Interior Karnataka during 3<sup>rd</sup>-7<sup>th</sup> June with isolated **very heavy rainfall** also likely over Kerala & Mahe during 3<sup>rd</sup>-9<sup>th</sup> June; Coastal Karnataka on 3<sup>rd</sup> June and during 8<sup>th</sup>-9<sup>th</sup> June; South Interior Karnataka during 8<sup>th</sup>-9<sup>th</sup> June.

##### East India:

- **Fairly widespread to widespread** light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 50-60 kmph)** likely over Andaman & Nicobar Islands during 3<sup>rd</sup>-5<sup>th</sup> June; with **gusty winds (speed reaching 40-50 kmph)** likely over Andaman & Nicobar Islands during 6<sup>th</sup>-9<sup>th</sup> and Sub-Himalayan West Bengal & Sikkim during 3<sup>rd</sup>-9<sup>th</sup> June.
- **Isolated to scattered** light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 50-60 kmph)** likely over Odisha on 3<sup>rd</sup> June, with **gusty winds (speed reaching 40-50 kmph)** likely over Bihar during 6<sup>th</sup>-9<sup>th</sup> June; Gangetic West Bengal during 4<sup>th</sup>-9<sup>th</sup> June; Jharkhand during 3<sup>rd</sup>-7<sup>th</sup> June; Odisha during 4<sup>th</sup>-7<sup>th</sup> June.
- Isolated **heavy rainfall** likely over Andaman & Nicobar Islands during 3<sup>rd</sup>-5<sup>th</sup> June; Sub-Himalayan West Bengal & Sikkim during 4<sup>th</sup>-9<sup>th</sup> June.

##### Northwest India:

- **Scattered to fairly widespread** light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 50-60 kmph)** likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 3<sup>rd</sup>-4<sup>th</sup> June, with **gusty winds (speed reaching 40-50 kmph)** likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-

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Muzaffarabad during 5<sup>th</sup>-6<sup>th</sup> June; Himachal Pradesh and Uttarakhand during 3<sup>rd</sup>-6<sup>th</sup> June.

- Isolated to scattered light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 50-60 kmph)** likely over East Rajasthan, Haryana Chandigarh & Delhi, Punjab and West Rajasthan during 3<sup>rd</sup>-4<sup>th</sup> June; West Uttar Pradesh on 5<sup>th</sup> June, with **gusty winds (speed reaching 40-50 kmph)** likely over Haryana Chandigarh & Delhi and Punjab during 5<sup>th</sup>-6<sup>th</sup> June; West Uttar Pradesh on 4<sup>th</sup> June and on 6<sup>th</sup> June; East Uttar Pradesh on 3<sup>rd</sup> June and during 5<sup>th</sup>-6<sup>th</sup> June; East Rajasthan and West Rajasthan on 5<sup>th</sup> June.
- Isolated **heavy rainfall** likely over Uttarakhand on 4<sup>th</sup> June.
- Isolated **Hailstorm** activity likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 3<sup>rd</sup>-4<sup>th</sup> June; Himachal Pradesh during 3<sup>rd</sup>-5<sup>th</sup> June; Uttarakhand during 4<sup>th</sup>-5<sup>th</sup> June; West Rajasthan on 3<sup>rd</sup> June; East Rajasthan on 4<sup>th</sup> June.
- **Duststorm** activity likely over West Rajasthan during 3<sup>rd</sup>-4<sup>th</sup> June.

#### Central India:

- **Isolated to scattered** light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 50-60 kmph)** likely over West Madhya Pradesh during 3<sup>rd</sup>-5<sup>th</sup> June; East Madhya Pradesh and Vidarbha on 4<sup>th</sup> June; Chhattisgarh during 4<sup>th</sup>-5<sup>th</sup> June, with **gusty winds (speed reaching 40-50 kmph)** likely over West Madhya Pradesh during 6<sup>th</sup>-7<sup>th</sup> June; East Madhya Pradesh and Vidarbha on 3<sup>rd</sup> June and during 5<sup>th</sup>-7<sup>th</sup> June; Chhattisgarh on 3<sup>rd</sup> June and during 6<sup>th</sup>-7<sup>th</sup> June.
- Isolated **Hailstorm** activity likely over East Madhya Pradesh and West Madhya Pradesh on 4<sup>th</sup> June.

#### West India:

- **Isolated to scattered** light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph)** likely over Konkan & Goa and Madhya Maharashtra during 3<sup>rd</sup>-7<sup>th</sup> June; Marathwada during 3<sup>rd</sup>-6<sup>th</sup> June; Gujarat Region and Saurashtra & Kutch during 3<sup>rd</sup>-5<sup>th</sup> June.
- Isolated **heavy rainfall** likely over Konkan & Goa during 3<sup>rd</sup>-5<sup>th</sup> June and during 8<sup>th</sup>-9<sup>th</sup> June; Madhya Maharashtra on 5<sup>th</sup> June.

#### Forecast of maximum/day temperatures:

- Gradual rise by 2-4°C in maximum temperatures likely over many parts of Northwest India till 03<sup>rd</sup> June; gradual fall by 2-4°C during 04<sup>th</sup>-06<sup>th</sup> June and gradual rise by 3-5°C during 07<sup>th</sup>-09<sup>th</sup> June.
- Gradual rise in maximum temperatures by 2-3°C likely over East India till 05<sup>th</sup> June and no significant change during 06<sup>th</sup>-09<sup>th</sup> June.
- Gradual fall in maximum temperatures by 2-3°C likely over Maharashtra till 05<sup>th</sup> June and no significant change during 06<sup>th</sup>-09<sup>th</sup> June.
- Gradual fall in maximum temperatures by 2-3°C likely over Gujarat State till 05<sup>th</sup> June and gradual rise by 2-3°C during 06<sup>th</sup>-09<sup>th</sup> June.
- No significant change in maximum temperatures likely over the rest parts of country till 09<sup>th</sup> June 2026.

#### Heat Wave, Hot & Humid weather conditions warning:

- **Heat wave** conditions very likely in isolated pockets over Bihar during 5<sup>th</sup>-9<sup>th</sup> June; East Uttar Pradesh during 7<sup>th</sup>-9<sup>th</sup> June; West Uttar Pradesh during 8<sup>th</sup>-9<sup>th</sup> June.
- **Hot and humid** weather conditions likely to prevail over Arunachal Pradesh, Assam & Meghalaya and Sub-Himalayan West Bengal & Sikkim on 3<sup>rd</sup> June; Odisha during 3<sup>rd</sup>-7<sup>th</sup> June; Nagaland, Manipur, Mizoram & Tripura during 3<sup>rd</sup>-4<sup>th</sup> June.

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### Main Weather Observations:

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

❖ **Significant rainfall recorded(in cm)** (from 0830 hours IST of yesterday to 0830 hours IST of today): **Andaman & Nicobar Islands:** Long Island (dist North & Middle Andaman) 14; **North Interior Karnataka:** Kakkeri (dist Yadgir) 11; Hunsagi (dist Yadgir) 9; **Kerala & Mahe:** Kozhikode (dist Kozhikode) 10; Peermade To (dist Idukki) 9; Kunnamangalam AWS (dist Kozhikode) 7; Vyttili (dist Wynad), Cheruvanchery AWS (dist Cannur) 6 Each; **Telangana:** Enkuru (dist Khammam) 9; **Tamil Nadu, Puducherry & Karaikal:** Nalumukku (dist Tirunelveli), Oothu (dist Tirunelveli) 8 Each; Kakkachi (dist Tirunelveli) 7; Pulipatti (dist Madurai) 6; **South Interior Karnataka:** Jayapura (dist Chikkamagaluru) 8; **Coastal Karnataka:** Siddapura (dist Udupi) 7; **Assam & Meghalaya:** Kokrajhar (dist Kokrajhar) 6; **Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad:** Raj Pura ARG (dist Poonch) 6.

❖ **Heavy Rainfall observed** (from 0830 hours IST of yesterday to 0830 hours IST of today):**Heavy to very heavy rain** at isolated places over Andaman & Nicobar Islands and North Interior Karnataka. **Heavy rain** at isolated places over Assam & Meghalaya, Telangana, Tamil Nadu, Puducherry & Karaikal, Coastal Karnataka, South Interior Karnataka and Kerala & Mahe.

❖ **Thunderstorm accompanied with Squally/Gusty winds with speed reaching 70-95 kmph** prevailed at isolated places over Uttarakhand and West Madhya Pradesh **with speed reaching 50-70 kmph** over Jammu-Kashmir, Andaman & Nicobar Islands, Odisha, Chhattisgarh, Maharashtra, Gujarat Region, Assam & Meghalaya and Tamil Nadu, Puducherry & Karaikal; **with speed reaching 40-50 kmph** over Gangetic West Bengal, Bihar, Himachal Pradesh and Saurashtra & Kutch.

❖ **Hailstorm** occurred at isolated places over West Madhya Pradesh.

❖ **Duststorm** occurred at isolated places over West Rajasthan.

❖ **Minimum Temperature Departures (as on 03-06-2026):** **markedly above normal(> 5.1°C)** at few places over East Madhya Pradesh; at isolated places over Assam & Meghalaya, Sub Himalayan West Bengal & Sikkim, Bihar, West Uttar Pradesh, Himachal Pradesh, West Madhya Pradesh, Gujarat Region and Saurashtra & Kutch. **appreciably above normal(3.1°C to 5.0°C)** at few places over Nagaland, Manipur, Mizoram & Tripura; at isolated places over Gangetic West Bengal, Odisha, East Uttar Pradesh, Konkan & Goa and Coastal Andhra Pradesh & Yanam. **above normal(1.6°C to 3.0°C)** at few places over Arunachal Pradesh and West Rajasthan; at isolated places over Andaman & Nicobar Islands, East Rajasthan, Madhya Maharashtra, Telangana, Tamil Nadu, Puducherry & Karaikal, North Interior Karnataka, South Interior Karnataka and Kerala & Mahe. **near normal(-1.5°C to 1.5°C)** at many places over Haryana-Chandigarh-Delhi, Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad, Vidarbha, Rayalaseema and Coastal Karnataka; at most places over Jharkhand, Punjab, Marathwada and Lakshadweep; at few places over Uttarakhand and Chhattisgarh. **The lowest minimum temperature** of 18.0°C was reported at HALFLONG (ASSAM) over the Plains of India.

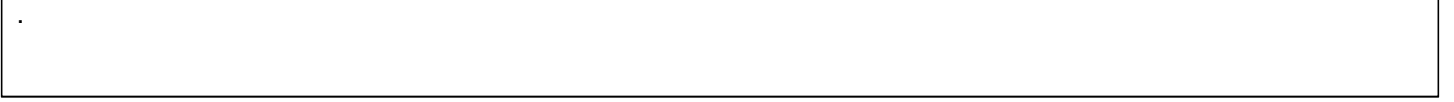
❖ **Maximum Temperature Departures (as on 02-06-2026):** **markedly above normal(> 5.1°C)** at most places over Himachal Pradesh; at few places over West Uttar Pradesh. **appreciably above normal(3.1°C to 5.0°C)** at isolated places over East Uttar Pradesh and Tamil Nadu, Puducherry & Karaikal. **above normal(1.6°C to 3.0°C)** at most places over Konkan & Goa; at few places over Coastal Andhra Pradesh & Yanam. **near normal(-1.5°C to 1.5°C)** at most places over West Rajasthan and East Madhya Pradesh; at few places over Rayalaseema. **The highest maximum temperature** of 43.0°C was reported at Khammam (Telangana).

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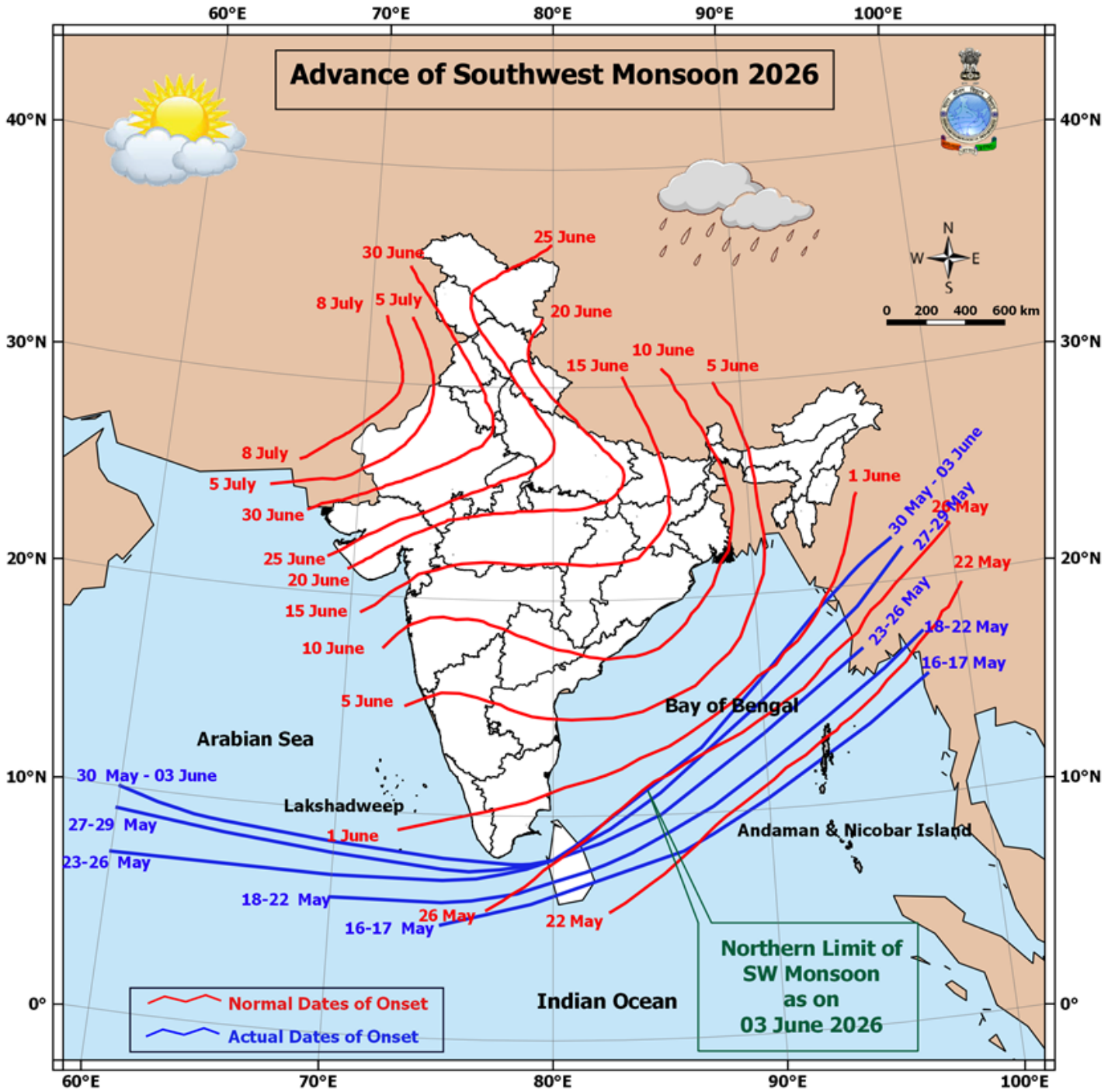
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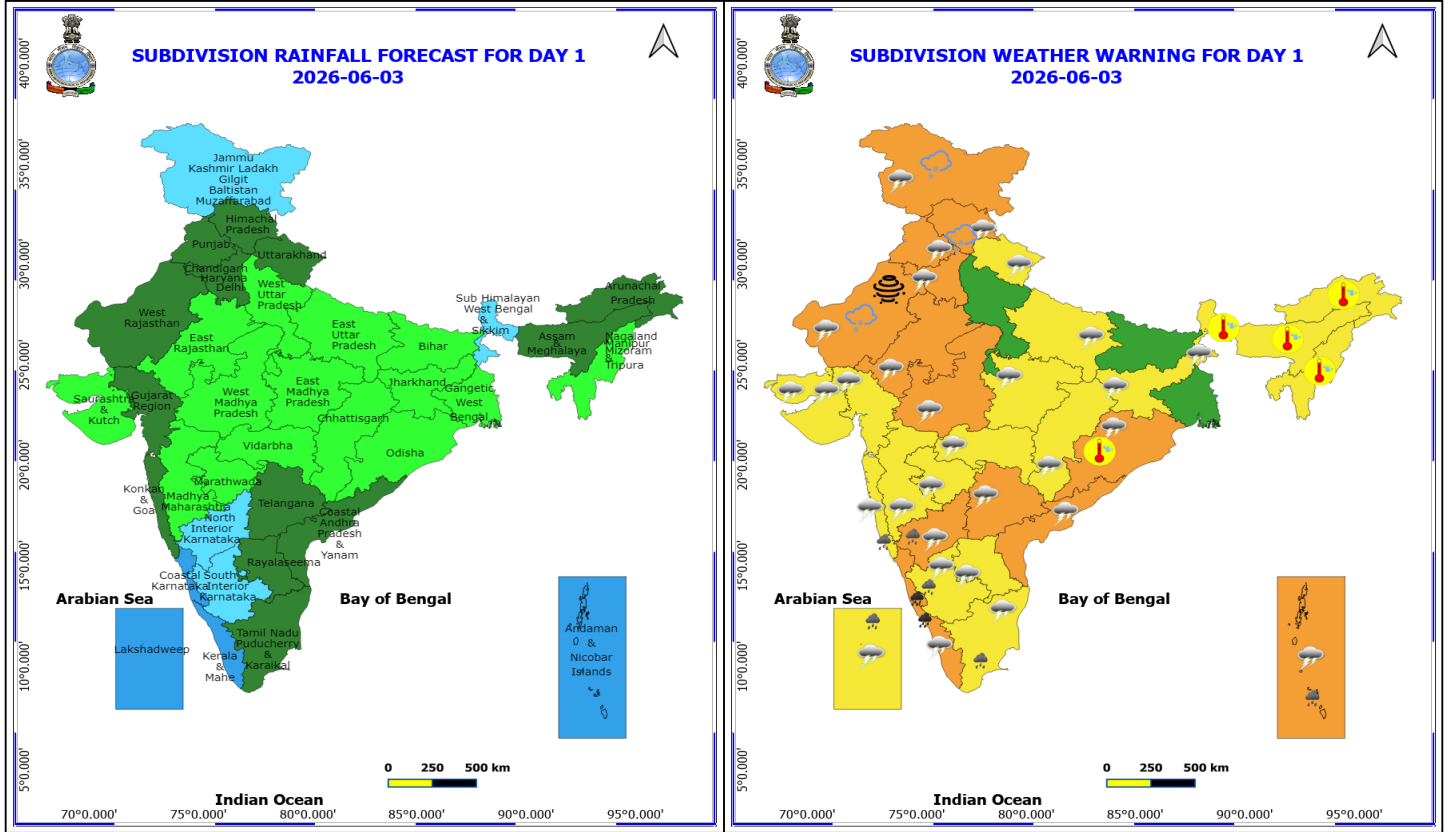


**Meteorological Analysis (Based on 0830 hours IST)**

- The **Northern Limit of Monsoon** continues to pass through 10°N/60°E, 9°/65°E, 8.5°N/70°E, 8°N/75°E, 7.8°N/78°E, 8°N/80°E, 10°N/80°E, 13°N/87°E, 16°N/90°E, 19°N/93°E and 22°N/97°E.
- **Conditions are favourable for further advance of southwest monsoon** into some more parts of southwest & southeast Arabian Sea, Lakshadweep Islands, some parts of Kerala & Tamil Nadu, some more parts of southwest, westcentral, eastcentral & northeast Bay of Bengal, and remaining parts of southeast Bay of Bengal during next 24 hours.
- The **Western Disturbance** as a cyclonic circulation over northwest Uttar Pradesh & neighbourhood now lies over West Uttar Pradesh & neighbourhood between 1.5 & 5.8 km above mean sea level.
- A **trough** runs from the above **cyclonic circulation** over West Uttar Pradesh to north Tamil Nadu across Madhya Pradesh, Vidarbha, Telangana and Rayalaseema at 1.5 km above mean sea level.
- A fresh **Western Disturbance** seen as a cyclonic circulation over north Pakistan & neighbourhood at 3.1 km above mean sea level with a trough aloft in middle tropospheric levels with its axis at 5.8 km above mean sea level runs roughly along Long. 70°E to the north of Lat. 31°N.
- An **upper air cyclonic circulation** lies over northeast Uttar Pradesh & neighbourhood and extends upto 1.5 km above mean sea level.
- The **upper air cyclonic circulation** over southeast Arabian sea off south Kerala coast now lies over Eastcentral Arabian sea & adjoining Coastal Karnataka between 3.1 & 4.5 km above mean sea level.
- An **upper air cyclonic circulation** lies over north Andaman Sea & neighbourhood between 3.1 & 7.6 km above mean sea level.
- The **upper air cyclonic circulation** over northeast & adjoining eastcentral Bay of Bengal & extending upto 4.5 km above mean sea level has become less marked.
- The **upper air cyclonic circulation** over Central Parts of Assam at 3.1 km above mean sea level has become less marked.
- The **upper air cyclonic circulation** over East Madhya Pradesh and adjoining Chhattisgarh extending upto 1.5 km above mean sea level has become less marked.
- The **trough** from above **cyclonic circulation** over East Madhya Pradesh & adjoining Chhattisgarh to northeast Tamil Nadu across Vidarbha, Telangana and Rayalaseema at 0.9 km above mean sea level has become less marked.
- The **upper air cyclonic circulation** over Northeast Rajasthan & neighbourhood at 1.5 km above mean sea level has become less marked.
- The **trough** from Central Pakistan to West Bengal coast across cyclonic circulation over northeast Rajasthan, cyclonic circulation over East Madhya Pradesh and adjoining Chhattisgarh & Jharkhand extending upto 1.5 km above mean sea level has become less marked.
- The **upper air cyclonic circulation** over Central Pakistan and adjoining northwest Rajasthan at 0.9 km above mean sea level has become less marked.



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**3 June (Day 1)**

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

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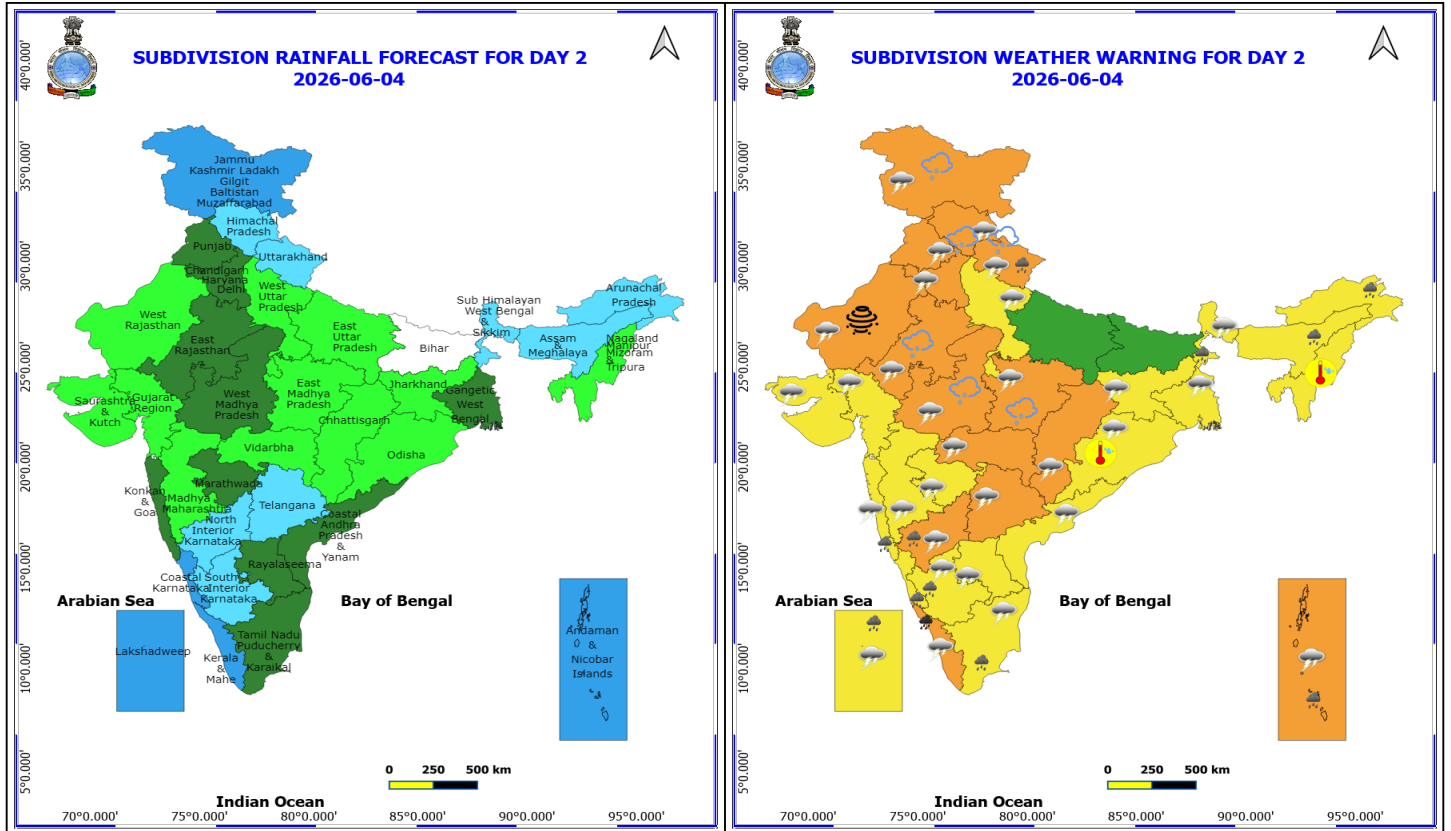
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❖ **Hot and Humid weather** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram and Tripura, Odisha and Sub Himalayan West Bengal & Sikkim.

❖ **Arabian Sea: Squally wind with wind speed 45-55 gusting to 65 kmph** is likely to prevail over Somalia Coast adjoining southwest Arabian Sea.

❖ **Squally weather with wind speed 40-50 gusting to 60 kmph** is likely along and off south Maharashtra, Goa, Kerala, Karnataka coasts, over Lakshadweep & adjoining Maldives areas.

❖ **Bay of Bengal: Squally Weather with wind speed 40-50 kmph gusting to 60 kmph** is likely to prevail over Gulf of Mannar, Comorin area, along and off Sri Lanka coasts, south Bay of Bengal and Andaman Sea.



**4 June (Day 2)**

- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Kerala & Mahe.
- ❖ **Heavy Rainfall** very likely at isolated places over Andaman & Nicobar Islands, Arunachal Pradesh, Assam & Meghalaya, Karnataka, Konkan & Goa, Lakshadweep, Sub Himalayan West Bengal & Sikkim, Tamil Nadu Puducherry & Karaikal and Uttarakhand.
- ❖ **Thunderstorm accompanied with Hailstorm** very likely at isolated places over East Rajasthan, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Madhya Pradesh and Uttarakhand.
- ❖ **Thundersquall with wind speed reaching(50-60kmph)** very likely at isolated places over Andaman & Nicobar Islands, Chhattisgarh, Haryana, Chandigarh & Delhi, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Madhya Pradesh, North Interior Karnataka, Punjab, Rajasthan, Telangana and Vidarbha.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Andhra Pradesh, Gujarat State, Himachal Pradesh, Jharkhand, Kerala & Mahe, Konkan & Goa, Lakshadweep, Madhya Maharashtra, Marathwada, Odisha, South Interior Karnataka, Tamil Nadu Puducherry & Karaikal, Uttarakhand, West Bengal & Sikkim and West Uttar Pradesh.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Coastal Karnataka and Nagaland, Manipur, Mizoram and Tripura.
- ❖ **Dust Storm** very likely at isolated places over West Rajasthan.
- ❖ **Hot and Humid weather** very likely at isolated places over Nagaland, Manipur, Mizoram and Tripura and Odisha.
- ❖ **Arabian Sea: Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail along & off Somalia

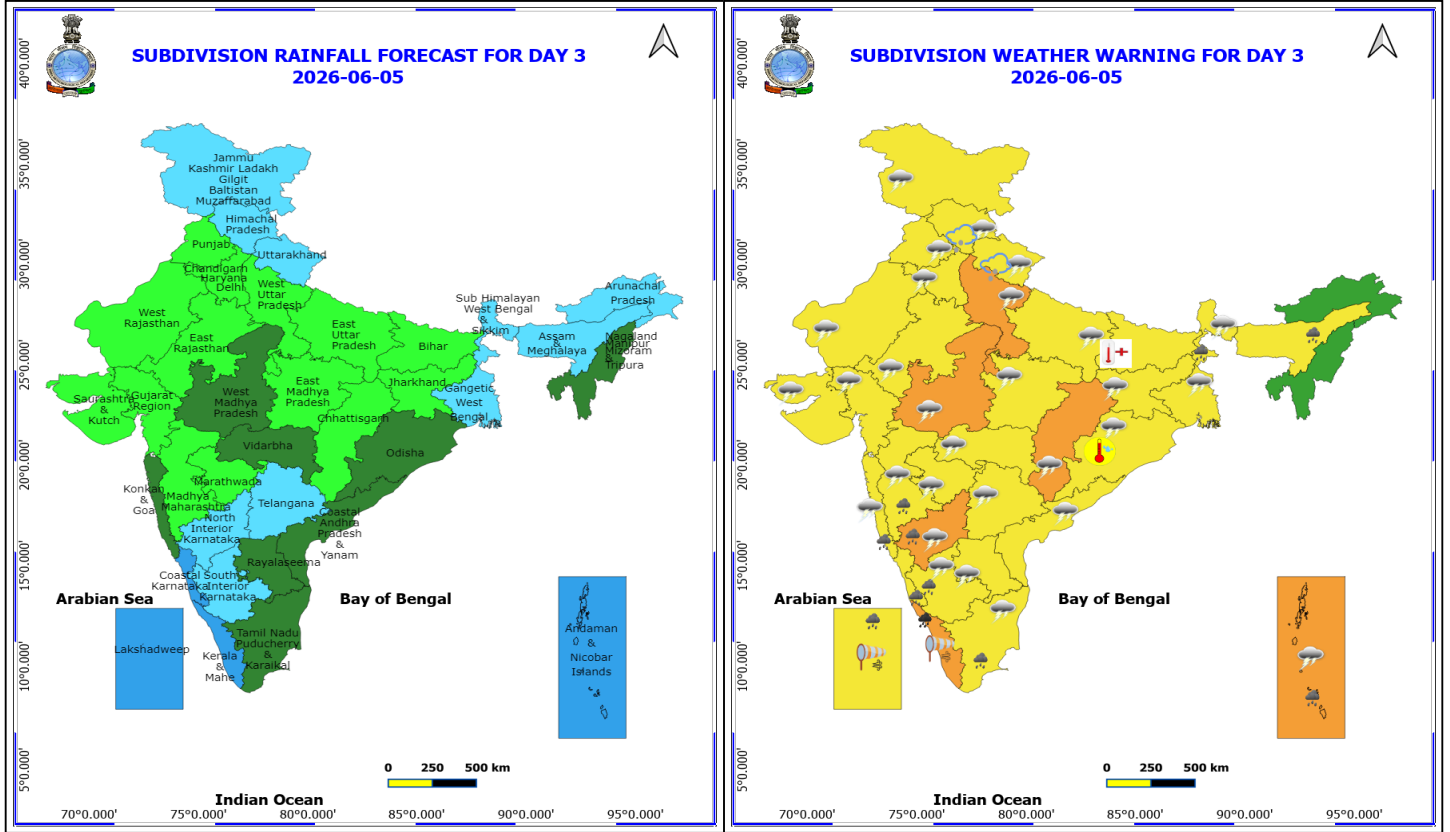
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coast adjoining southwest Arabian sea and adjoining parts of westcentral Arabian Sea.

❖ **Squally weather with wind speed 40-50 gusting to 60 kmph** is likely along and off south Maharashtra, Goa, Kerala, Karnataka coasts, over Lakshadweep & adjoining Maldives areas.

❖ **Bay of Bengal: Squally Weather with wind speed 40-50 kmph gusting to 60 kmph** is likely to prevail over Gulf of Mannar, Comorin area, off north Tamil Nadu coast, along and off Sri Lanka coasts, south Bay of Bengal adjoining central Bay of Bengal and Andaman Sea.



**5 June (Day 3)**

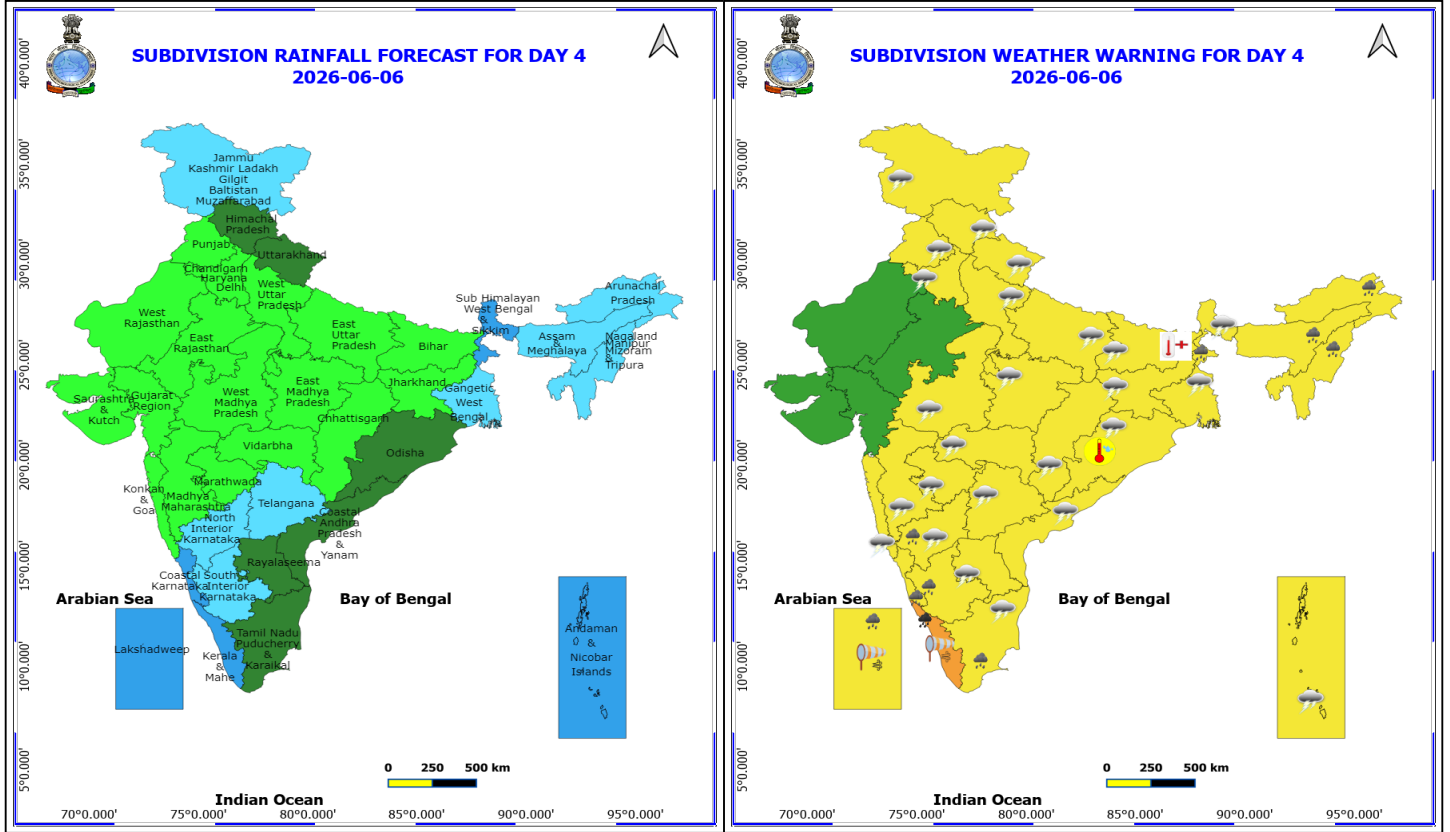
- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Kerala & Mahe.
- ❖ **Heavy Rainfall** very likely at isolated places over Andaman & Nicobar Islands, Assam & Meghalaya, Karnataka, Konkan & Goa, Lakshadweep, Madhya Maharashtra, Sub Himalayan West Bengal & Sikkim and Tamil Nadu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

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- ❖ **Arabian Sea: Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail along & off Somalia coast adjoining southwest Arabian sea and adjoining parts of westcentral Arabian Sea.
- ❖ **Squally weather with wind speed 40-50 gusting to 60 kmph** is likely along and off south Maharashtra, Goa, Kerala, Karnataka coasts, over Lakshadweep & adjoining Maldives areas.
- ❖ **Bay of Bengal: Squally Weather with wind speed 40-50 kmph gusting to 60 kmph** is likely to prevail over Gulf of Mannar, Comorin area, off north Tamil Nadu coast, along and off Sri Lanka coasts, south Bay of Bengal adjoining central Bay of Bengal and Andaman Sea.



## 6 June (Day 4)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Kerala & Mahe.
- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Karnataka, Lakshadweep, Nagaland, Manipur, Mizoram and Tripura, Sub Himalayan West Bengal & Sikkim and Tamil Nadu Puducherry & Karaikal.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands, Andhra Pradesh, Bihar, Chhattisgarh, Haryana, Chandigarh & Delhi, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, Konkan & Goa, Madhya Pradesh, Maharashtra, North Interior Karnataka, Odisha, Punjab, Tamil Nadu Puducherry & Karaikal, Telangana, Uttar Pradesh, Uttarakhand and West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Rajasthan.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram and Tripura.
- ❖ **Strong Surface Winds** likely at isolated places over Kerala & Mahe and Lakshadweep.
- ❖ **Heat Wave conditions** likely at isolated places over Bihar.
- ❖ **Hot and Humid weather** likely at isolated places over Odisha.
- ❖ **Arabian Sea: Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail along & off Somalia coast adjoining southwest Arabian sea and adjoining parts of westcentral Arabian Sea.

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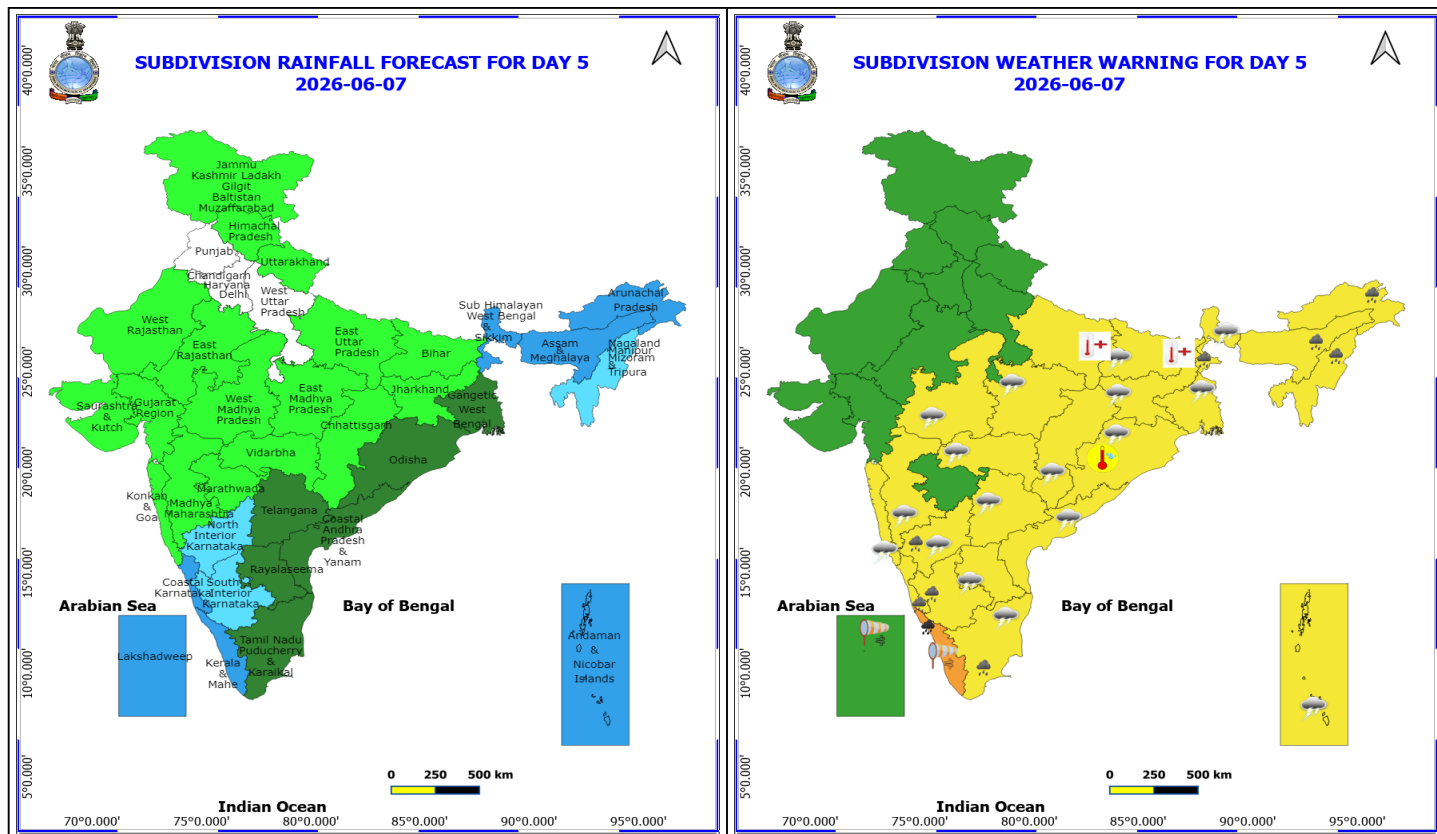
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❖ **Squally weather with wind speed 40-50 gusting to 60 kmph** is likely along and off Kerala, Karnataka, Lakshadweep & adjoining Maldives.

❖ **Bay of Bengal: Squally Weather with wind speed 40-50 kmph gusting to 60 kmph** is likely to prevail over Gulf of Mannar, Comorin area, off north Tamil Nadu coast, along and off Sri Lanka coasts, south Bay of Bengal adjoining central Bay of Bengal and Andaman Sea.



## 7 June (Day 5)

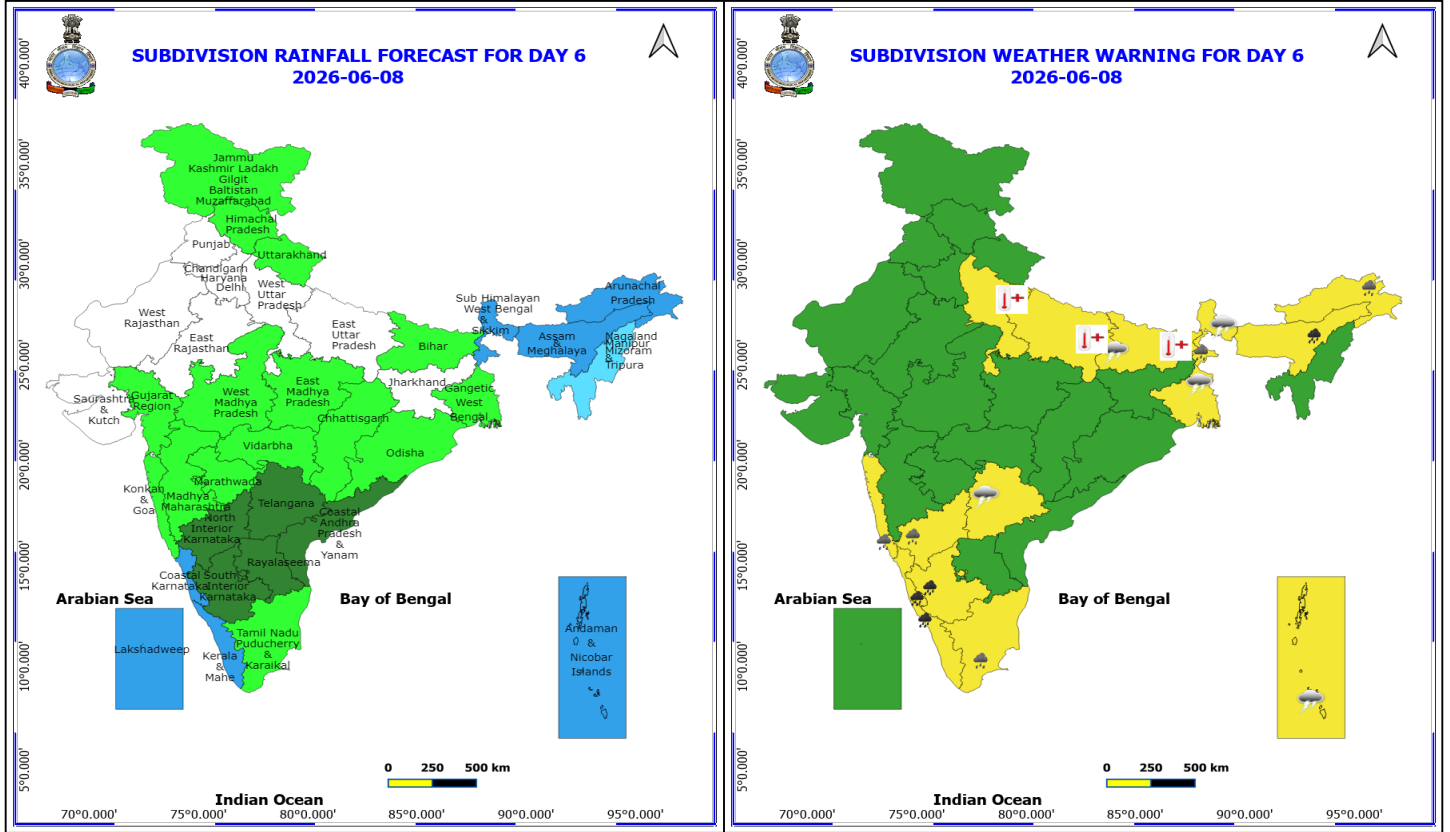
- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Kerala & Mahe.
  - ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Karnataka, Nagaland, Manipur, Mizoram and Tripura, Sub Himalayan West Bengal & Sikkim and Tamil Nadu Puducherry & Karaikal.
  - ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands, Andhra Pradesh, Bihar, Chhattisgarh, Jharkhand, Konkan & Goa, Madhya Maharashtra, Madhya Pradesh, North Interior Karnataka, Odisha, Tamil Nadu Puducherry & Karaikal, Telangana, Vidarbha and West Bengal & Sikkim.
  - ❖ **Strong Surface Winds** likely at isolated places over Kerala & Mahe and Lakshadweep.
  - ❖ **Heat Wave conditions** likely at isolated places over Bihar and East Uttar Pradesh.
  - ❖ **Hot and Humid weather** likely at isolated places over Odisha.
- 
- ❖ **Arabian Sea: Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail along & off Somalia coast adjoining southwest Arabian sea and adjoining parts of westcentral Arabian Sea.
  - ❖ **Squally weather with wind speed 40-50 gusting to 60 kmph** is likely along and off Kerala, Karnataka, Lakshadweep & adjoining Maldives.
  - ❖ **Bay of Bengal: Squally Weather with wind speed 40-50 kmph gusting to 60 kmph** is likely to prevail over Gulf of Mannar, Comorin area, off north Tamil Nadu coast, along and off Sri Lanka coasts, south Bay of Bengal adjoining central Bay of Bengal and Andaman Sea.

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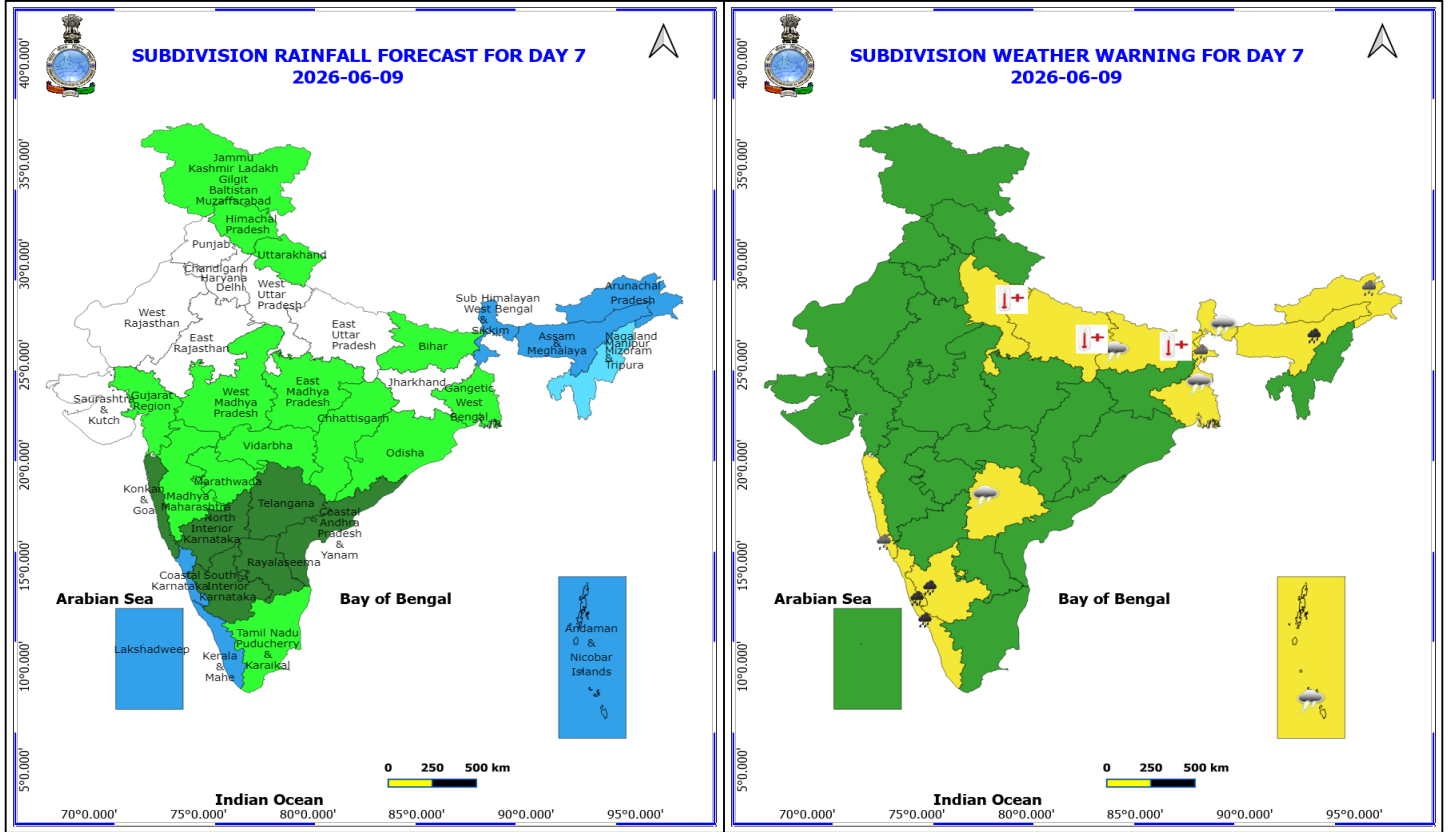


**8 June (Day 6)**

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Assam & Meghalaya, Coastal Karnataka, Kerala & Mahe and South Interior Karnataka.
- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Konkan & Goa, North Interior Karnataka, Sub Himalayan West Bengal & Sikkim and Tamil Nadu Puducherry & Karaikal.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands, Bihar, Telangana and West Bengal & Sikkim.
- ❖ **Heat Wave conditions** likely at isolated places over Bihar and Uttar Pradesh.

**No Fishermen Warning**

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**9 June (Day 7)**

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Assam & Meghalaya, Coastal Karnataka, Kerala & Mahe and South Interior Karnataka.
- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Konkan & Goa and Sub Himalayan West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands, Bihar, Telangana and West Bengal & Sikkim.
- ❖ **Heat Wave conditions** likely at isolated places over Bihar and Uttar Pradesh.

**No Fishermen Warning**

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## Table-1

### 7 Days Rainfall Forecast

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

Legend	Category	%Stations
WS	Widespread/Most Places	76-100
FWS	Fairly Widespread/Many Places	51-75
SCT	Scattered/ A Few Places	26-50
ISOL	Isolated Places	1-25
DRY	No Rain	0

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Fig. 1: Maximum Temperatures Dated 2026-06-02

Fig. 2: Departure of Maximum Temp. Dated 2026-06-02

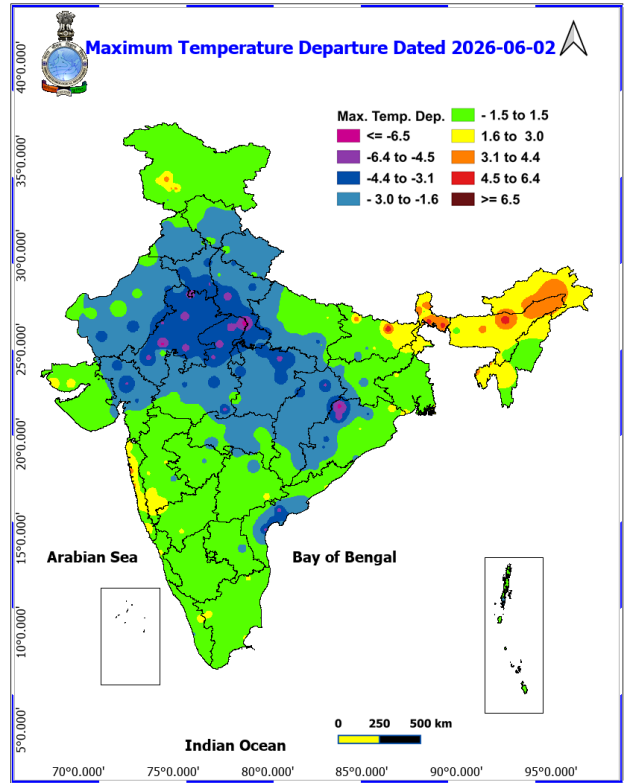
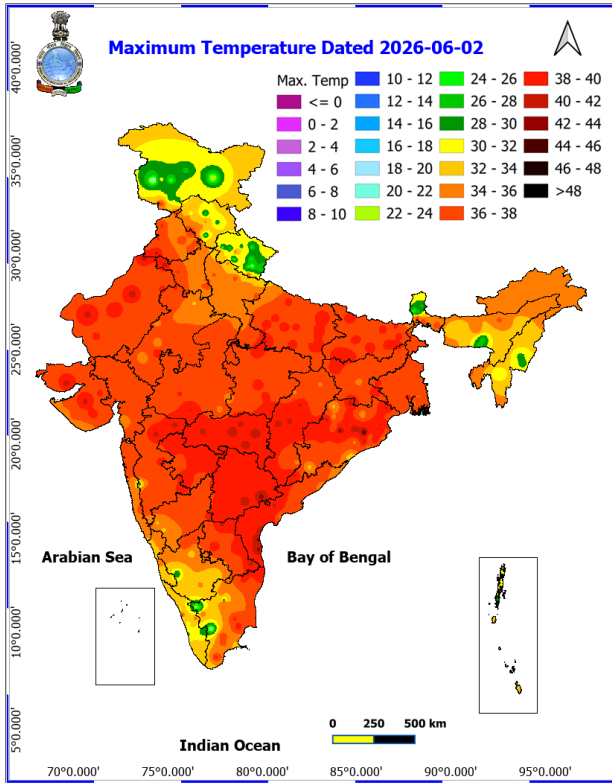
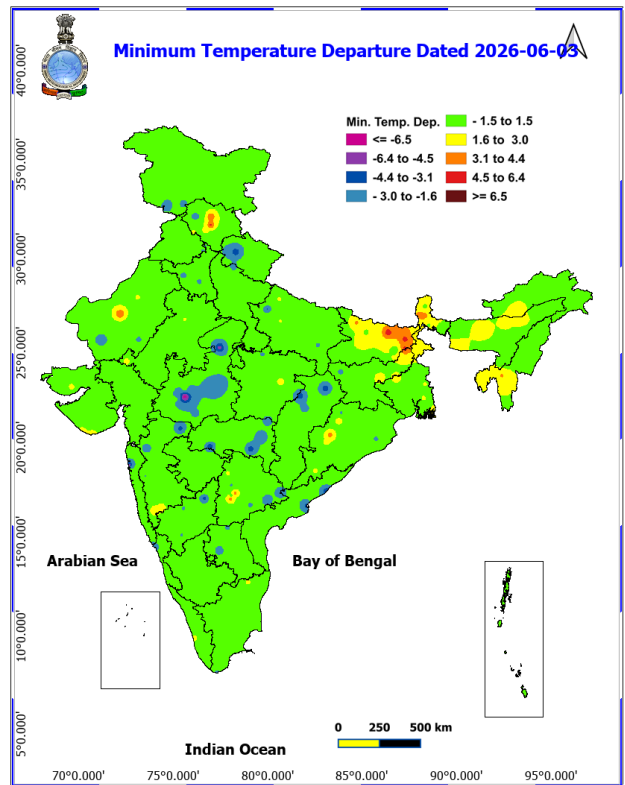
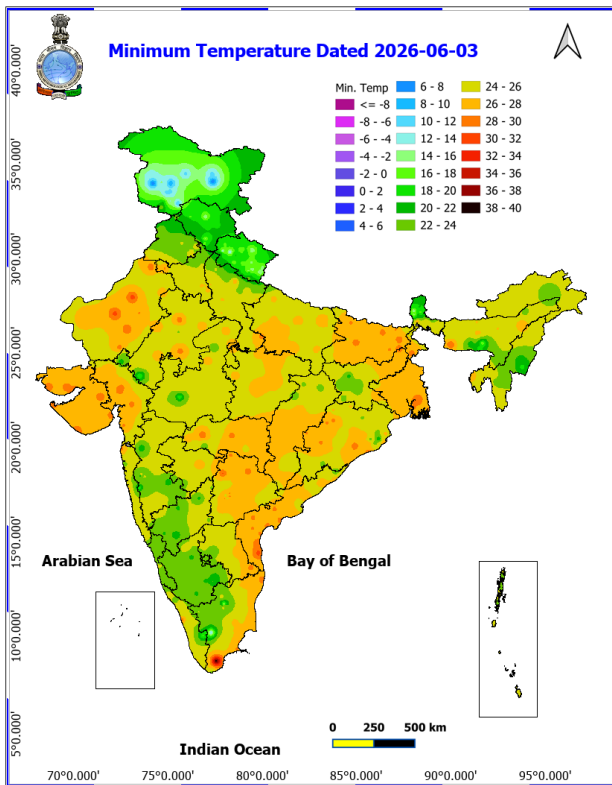
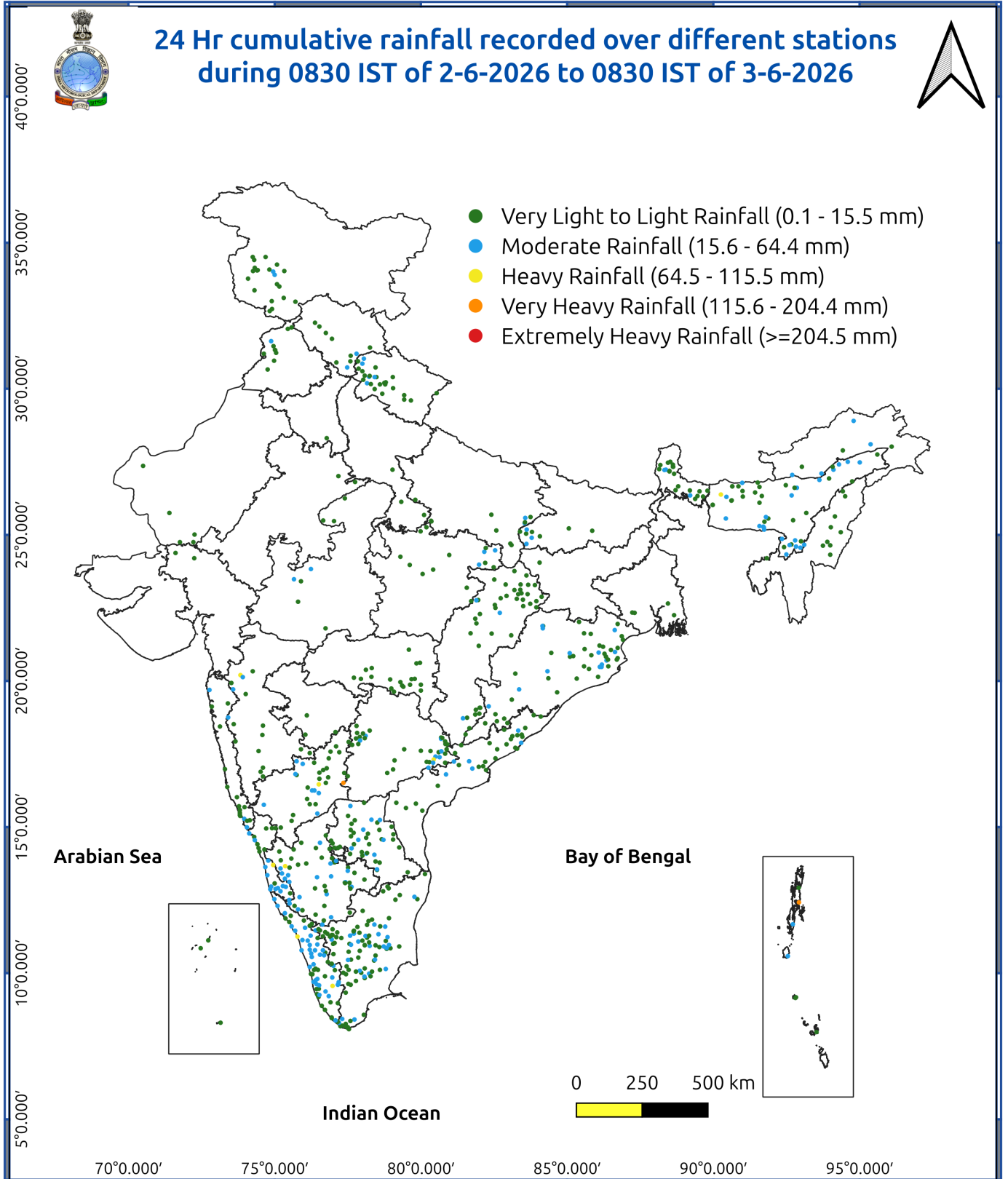


Fig. 3: Minimum Temperatures Dated 2026-06-03

Fig. 4: Departure of Minimum Temp. Dated 2026-06-03





## Impact and Actions

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

- **Isolated heavy rainfall** likely over North Interior Karnataka and Tamil Nadu, Puducherry & Karaikal during 3<sup>rd</sup>-8<sup>th</sup> June; Lakshadweep during 3<sup>rd</sup>-6<sup>th</sup> June; South Interior Karnataka during 3<sup>rd</sup>-7<sup>th</sup> June; Andaman & Nicobar Islands during 3<sup>rd</sup>-5<sup>th</sup> June; Konkan & Goa during 3<sup>rd</sup>-5<sup>th</sup> June and during 8<sup>th</sup>-9<sup>th</sup> June; Arunachal Pradesh on 4<sup>th</sup> June and during 6<sup>th</sup>-9<sup>th</sup> June; Assam & Meghalaya, Coastal Karnataka during 4<sup>th</sup>-7<sup>th</sup> June; Nagaland, Manipur, Mizoram & Tripura during 6<sup>th</sup>-7<sup>th</sup> June; Sub-Himalayan West Bengal & Sikkim during 4<sup>th</sup>-9<sup>th</sup> June; Uttarakhand on 4<sup>th</sup> June; Madhya Maharashtra on 5<sup>th</sup> June with isolated very heavy rainfall also likely over Kerala & Mahe during 3<sup>rd</sup>-9<sup>th</sup> June; Assam & Meghalaya, South Interior Karnataka during 8<sup>th</sup>-9<sup>th</sup> June; Coastal Karnataka on 3<sup>rd</sup> June and during 8<sup>th</sup>-9<sup>th</sup> 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:

- **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over North Interior Karnataka, Andaman & Nicobar Islands, West Madhya Pradesh during 3<sup>rd</sup>-5<sup>th</sup> June; Coastal Andhra Pradesh & Yanam on 3<sup>rd</sup> June; Telangana, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, East Rajasthan, Haryana, Chandigarh & Delhi, Punjab and West Rajasthan during 3<sup>rd</sup>-4<sup>th</sup> June; East Madhya Pradesh and Vidarbha on 4<sup>th</sup> June; Chhattisgarh during 4<sup>th</sup>-5<sup>th</sup> June; West Uttar Pradesh on 5<sup>th</sup> June.
- Isolated **Hailstorm** activity likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 3<sup>rd</sup>-4<sup>th</sup> June; West Rajasthan on 3<sup>rd</sup> June; Himachal Pradesh during 3<sup>rd</sup>-5<sup>th</sup> June; Uttarakhand during 4<sup>th</sup>-5<sup>th</sup> June; East Rajasthan, East Madhya Pradesh and West Madhya Pradesh on 4<sup>th</sup> 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:**

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 & Action expected due to Heat wave to severe heat wave conditions**

- **Heat wave** conditions very likely in isolated pockets over Bihar during 5<sup>th</sup>-9<sup>th</sup> June; East Uttar Pradesh during 7<sup>th</sup>-9<sup>th</sup> June; West Uttar Pradesh during 8<sup>th</sup>-9<sup>th</sup> 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, Uttarakhand, Himachal Pradesh, Rajasthan and Madhya Pradesh 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 vegetable, maize, and nursery fields. In WRC paddy, keep drainage channels open to remove excess water from nursery beds. Cover newly sown nursery beds with polythene sheets or straw mulch.

? In Assam, undertake harvesting of Boro rice after current spells of heavy rain and store the already harvested produce in a safe place. Cover the rice nursery beds with thin polythene sheet. Ensure proper drainage arrangements

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- for quick removal of excess water from rice nurseries, vegetables, banana, citrus and papaya fields.
- ? In Meghalaya, harvest the mature banana fruits immediately during clear weather. Make necessary arrangements to remove excess rainwater from the maize, ginger, vegetable, banana and other orchard fields crop fields.
  - ? In Andaman & Nicobar Islands, ensure proper drainage in coconut gardens and avoid water stagnation around basins.
  - ? In Sub Himalayan West Bengal and Sikkim, undertake harvesting of matured rice & maize after current spells of heavy rains and keep already harvested produce in a safe place. Ensure proper drainage in rice, maize, jute and vegetables. Postpone fresh sowing of okra.
  - ? In Tamil Nadu, maintain proper drainage to prevent water stagnation in cotton, rice nurseries, recently sown cumbu and vegetables,
  - ? In Kerala, provide adequate drainage for banana, coconut, and other vegetables. Provide support to banana plants.
  - ? In Lakshadweep, provide adequate drainage in standing crop fields to prevent waterlogging.
  - ? In Karnataka, undertake harvesting of matured rice after current spells of rain, ensure proper drainage in paddy fields, arecanut and mango orchards. Provide staking to tomato plants.
  - ? In the regions expecting heavy rainfall, especially Uttarakhand, Konkan and Goa 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 - Apply light and frequent irrigation to the standing crops. Carry out mulching with crop residue, straw or polythene to minimize the loss of soil moisture. Use temporary shade nets to protect the fruit plants from high temperatures.

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

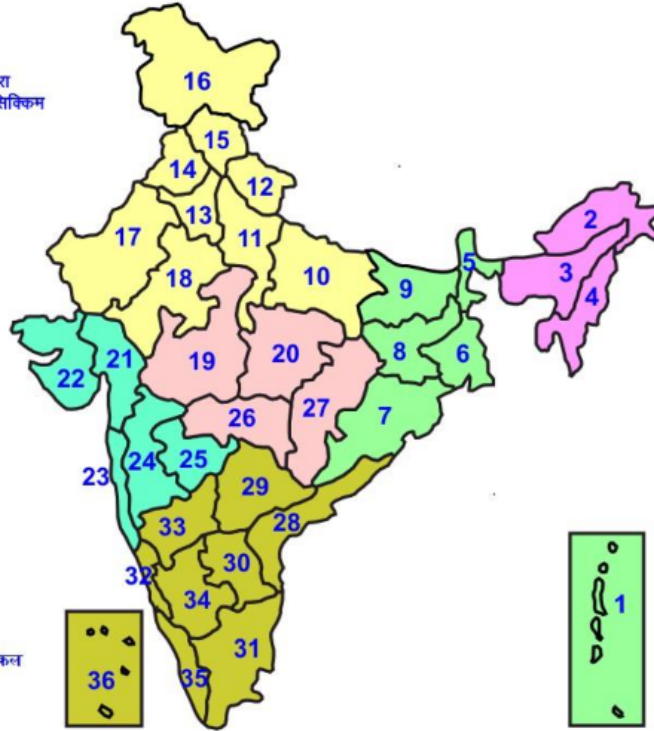
- ? Shift the harvested produce in safer places or cover the produce with tarpaulin sheets in the fields. Tie the harvested crops securely and cover them to minimize the risk of displacement from strong surface winds.
- ? Provide mechanical support to horticultural crops and staking or support to vegetables and young fruit plants / fruit-bearing plants to avoid lodging due to strong winds.

#### Livestock / Poultry / Fisheries

- ? Keep the animals inside the shed during hailstorms/ heavy rainfall and provide them with balanced feed.
- ? Store feed and fodder in a safe place to prevent spoilage.
- ? Construct an outlet with proper netting around the ponds to drain excess water, thereby preventing fish from escaping in the event of overflow.
- ? In regions with high temperatures and heat waves, provide clean, hygienic, and ample drinking water for animals, and cover the roofs of poultry sheds with grass to reduce the adverse effects.

## 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 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              |                 |                      |                    |

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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  $4.5^{\circ}\text{C}$  to  $6.4^{\circ}\text{C}$ .  
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  $40^{\circ}\text{C}$

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