

2026-04-18

Time of Issue: 14:24:00 hours IST
(Mid-Day)

ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN

Significant Weather Features

Weather Forecast and Warnings :

Northwest India:

Fairly widespread to widespread light to moderate rainfall/snowfall with **thunderstorm, lightning & gusty winds (speed reaching 30-50 kmph)** likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and **Isolated to Scattered** over Himachal Pradesh on 18th & 19th; and Uttarakhand on 18th April

Isolated **heavy rainfall/snowfall** very likely over Jammu & Kashmir on 18th April.

Isolated light to moderate rainfall/snowfall with **thunderstorm, lightning & gusty winds (speed reaching 30-40 kmph)** likely over Punjab on 18th April.

Isolated **Hailstorm activity** likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad 18th April.

Northeast India:

Scattered to Fairly widespread light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 30-50 kmph)** likely over Arunachal Pradesh during 18th -21st; Assam & Meghalaya during 18th -22nd and Nagaland, Manipur, Mizoram & Tripura during 18th -20th with lightning over Arunachal Pradesh 18th & 22nd; Nagaland, Manipur, Mizoram & Tripura on 21st & 22nd April

Isolated heavy rainfall likely over Arunachal Pradesh during 19th -21st; Assam & Meghalaya on 18th, 20th & 21st April.

East India:

Isolated light rainfall with **thunderstorm, lightning & gusty winds (speed reaching 30-50 kmph)** likely over Odisha during 18th-22nd; Sub-Himalayan West Bengal & Sikkim during 18th- 21st April; Gangetic West Bengal and Bihar on 18th & 19th April.

Isolated heavy rainfall likely over Sub-Himalayan West Bengal & Sikkim on 18th & 19th April.

Central India:

Isolated light rainfall with **thunderstorm, lightning & gusty winds (speed reaching 30-40 kmph)** likely over Vidarbha on 20th & 21st; Chhattisgarh on 18th, 20th & 21st with lightning over West Madhya Pradesh on 19th & 20th April.

South Peninsular India:

Isolated light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 30-50 kmph)** likely over Interior Karnataka during 18th- 22nd **with lightning** over Telangana and Coastal Andhra Pradesh & Yanam during 18th -22nd; Rayalaseema and Kerala & Mahe during 20th -22nd April.

Isolated **Hailstorm activity** likely over North Interior Karnataka during 18th -21st April.

West India:

Isolated light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 30-40 kmph)** likely over Madhya Maharashtra, Marathwada during 18th – 22nd; Konkan & Goa on 20th & 21st April.

Isolated **Hailstorm activity** likely over Madhya Maharashtra and Marathwada on 18th April.

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Forecast of maximum/day temperatures:

Gradual rise in maximum temperatures by 3-5°C likely over Punjab and Haryana Chandigarh & Delhi during 18th -24th April and no significant change over rest parts of Northwest India.

Gradual rise in maximum temperatures by 2-3°C likely over East India during 18th-21st April and no significant change thereafter.

No significant change in maximum temperatures likely over Maharashtra on 18th& 19th April and gradual fall by 2-3°C during 20th -24th April.

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

Heat wave and Hot & Humid weather warning:

Heat wave conditions very likely in isolated pockets of East Uttar Pradesh during 18th -20th; East Rajasthan and Odisha during 19th -22nd; West Rajasthan on 21st & 22nd; East Madhya Pradesh, Chhattisgarh and Vidarbha on 18th & 19th; Jharkhand during on 20th & 21st April.

Hot & humid weather conditions very likely to prevail in isolated pockets over Tamil Nadu, Puducherry & Karaikal and Coastal Karnataka during 18th -22nd; Kerala & Mahe on 18th & 19th; Coastal Andhra Pradesh & Yanam during 18th -20th April.

Warm night conditions very likely to prevail in isolated pockets over Chhattisgarh on 18th & 19th; Jharkhand during 18th -21st; Odisha during 18th -22nd April.

Main Weather Observations:

❖ **Rainfall distribution** (from 0830 hours IST of yesterday to 0830 hours IST of today): **at many places** over Sub Himalayan West Bengal & Sikkim and Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad; **at a few places** over Haryana-Chandigarh-Delhi; **at isolated places** over Odisha, Bihar, West Uttar Pradesh, Uttarakhand, Himachal Pradesh, West Rajasthan, Telangana, Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe; **Dry** over rest of the country.

❖ **Significant rainfall recorded(in cm)** (from 0830 hours IST of yesterday to 0830 hours IST of today): **Sub Himalayan West Bengal & Sikkim**: Majitar (dist Pakyong) 6; Tadong (dist Gangtok), Gangtok (dist Gangtok), Chepan (dist Alipurduar), Gyalsing PTO (dist Gyalshing), Jiti T.e. (dist Jalpaiguri) 3 Each; Khanitar (dist Pakyong), Raiganj PTO (dist North Dinajpur), Pakyong (dist Pakyong), Chalouni Tea Estate (dist Jalpaiguri), Diana Tea Estate (dist Jalpaiguri), Jhallong (dist Kalimpong), Majherdabri Tea Garden (dist Alipurduar), Subhasini Tea Estate (dist Alipurduar) 2 Each; **Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad**: Nowgam (dist Kupwara) 3; Tengmarg (dist Baramula), Lolab (dist Kupwara), Buhama (dist Kupwara), Baramulla Kvk AWS (dist Baramula), Gulmarg AWS (dist Baramula), Gund (dist Ganderbal), Kupwara (dist Kupwara), Shalimar Agro (dist Srinagar) 2 Each; **Odisha**: Bhanjnagar (dist Ganjam) 2; **Haryana-Chandigarh-Delhi**: Palam (dist New Delhi) 2; **Himachal Pradesh**: Saloni (dist Chamba) 2.

❖ **Minimum Temperature Departures (as on 18-04-2026)**: **markedly above normal(> 5.1°C)** at isolated places over Marathwada. **appreciably above normal(3.1°C to 5.0°C)** at few places over Odisha, Bihar, West Rajasthan, East Madhya Pradesh, Madhya Maharashtra and Chhattisgarh; at isolated places over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Sub Himalayan West Bengal & Sikkim, East Uttar Pradesh, West Uttar Pradesh, Haryana-Chandigarh-Delhi, Himachal Pradesh, East Rajasthan, West Madhya Pradesh, Vidarbha, Telangana and Kerala & Mahe. **above normal(1.6°C to 3.0°C)** at many places over Gangetic West Bengal, Uttarakhand, West Rajasthan and Lakshadweep; at most places over Kerala & Mahe; at few places over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Sub Himalayan West Bengal & Sikkim, Jharkhand, Bihar, East Uttar Pradesh, West Uttar Pradesh, Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad, East Madhya Pradesh, Gujarat Region, Madhya Maharashtra, Marathwada, Coastal Andhra Pradesh & Yanam, Coastal Karnataka and South Interior Karnataka; at isolated places over Odisha, Haryana-Chandigarh-Delhi, Punjab, Himachal Pradesh, East Rajasthan, West Madhya Pradesh, Konkan & Goa, Vidarbha, Chhattisgarh, Telangana, Rayalaseema, Tamil Nadu, Puducherry & Karaikal and North Interior Karnataka. **near normal(-1.5°C to 1.5°C)** at many places over Jharkhand, Punjab, Himachal Pradesh, Konkan & Goa, Vidarbha, Coastal Andhra Pradesh & Yanam and Coastal Karnataka; at most places over Andaman & Nicobar Islands, Saurashtra & Kutch, Telangana, Rayalaseema, Tamil Nadu, Puducherry & Karaikal and North Interior Karnataka; at few places over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Gangetic West Bengal, Odisha, East Uttar Pradesh, West Uttar Pradesh, Uttarakhand, Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad, East Rajasthan, West Madhya Pradesh, East Madhya Pradesh, Gujarat Region, Marathwada, Chhattisgarh, South Interior Karnataka and Lakshadweep; at isolated places over Sub Himalayan West Bengal & Sikkim, Bihar, Haryana-Chandigarh-Delhi and Madhya Maharashtra. **Today, the lowest minimum temperature of 18.3 °C was observed at Amritsar (Punjab) over the plains of India.**

❖ **Maximum Temperature Departures (as on 17-04-2026)**: **markedly above normal(> 5.1°C)** at most places over Arunachal Pradesh; at isolated places over Assam & Meghalaya, East Madhya Pradesh, Gujarat Region and Chhattisgarh. **appreciably above normal(3.1°C to 5.0°C)** at few places over West Rajasthan, East Rajasthan, West Madhya Pradesh and Rayalaseema; at isolated places over Sub Himalayan West Bengal & Sikkim, Bihar, East Uttar Pradesh, West Uttar Pradesh, Uttarakhand, Haryana-Chandigarh-Delhi, Saurashtra & Kutch, Madhya Maharashtra, Vidarbha, Telangana, Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe. **above normal(1.6°C to 3.0°C)** at many places over North Interior Karnataka; at most places over Marathwada and South Interior Karnataka; at few places over Nagaland, Manipur, Mizoram & Tripura; at isolated places over Gangetic West Bengal, Odisha, Jharkhand, Konkan & Goa and Coastal Andhra Pradesh & Yanam. **near normal(-1.5°C to 1.5°C)** at many places over Andaman & Nicobar Islands and Himachal Pradesh; at most places over Punjab, Coastal Karnataka and Lakshadweep. **The highest maximum temperature** of 45.4°C was reported at BANDA (UTTAR PRADESH).

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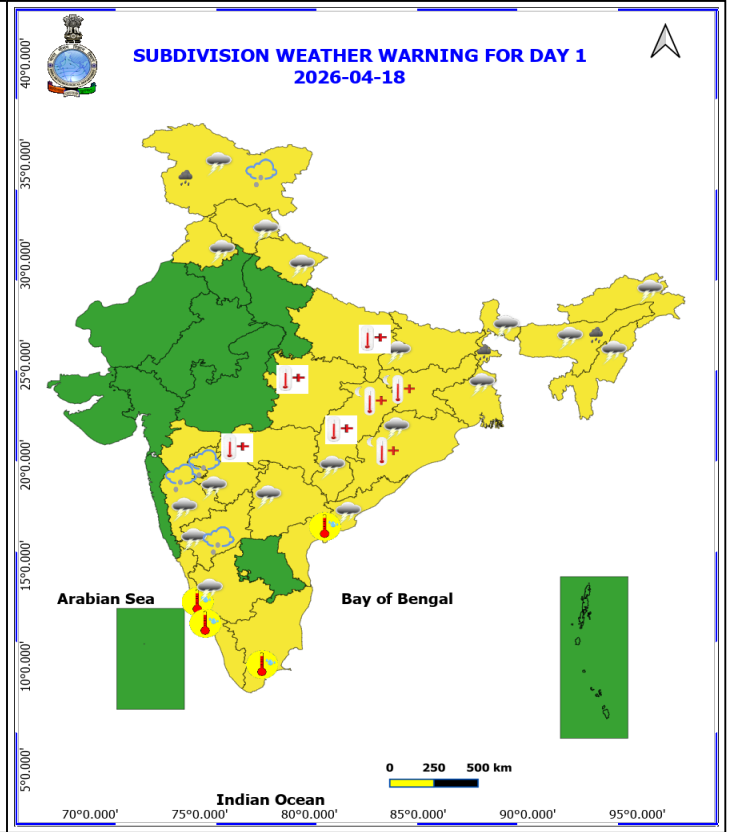
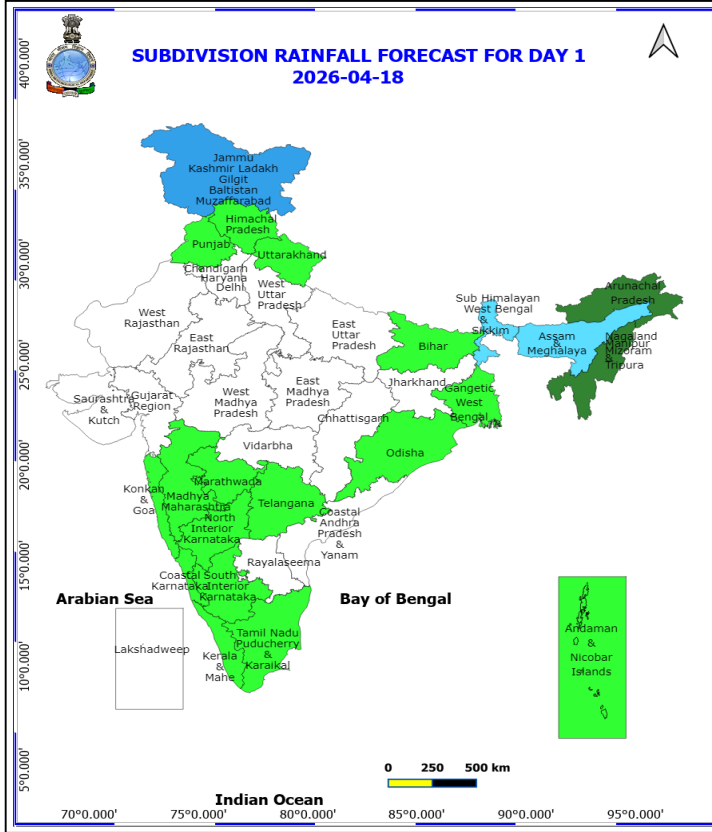
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Meteorological Analysis (Based on 0830 hours IST)

- A fresh **Western Disturbance** as a trough in middle tropospheric westerlies with its axis at 5.8 km above mean sea level runs roughly along Long. 58°E to the north of Lat. 25°N
- The **Western Disturbance** as a trough in middle & upper level subtropical westerlies now seen as a cyclonic circulation over north Pakistan and neighbourhood at 3.1 km above mean sea level.
- An **upper air cyclonic circulation** lies over central Rajasthan & neighbourhood at 0.9 km above mean sea level.
- An **upper air cyclonic circulation** lies over Haryana & neighbourhood at 0.9 km above mean sea level.
- A **north-south trough** runs from above the **cyclonic circulation** over East Uttar Pradesh & neighbourhood to Gulf of Mannar across East Madhya Pradesh, Vidarbha, Telangana, Rayalaseema and Tamil Nadu at 0.9 km above mean sea level.
- An **upper air cyclonic circulation** lies over East Uttar Pradesh & neighbourhood at 0.9 km above mean sea level.
- An **upper air cyclonic circulation** lies over northeast Bangladesh & neighbourhood at 0.9 km above mean sea level.
- An **east-west trough** runs from the above the **cyclonic circulation** over East Uttar Pradesh & neighbourhood to Manipur across Bihar, Sub-Himalayan West Bengal, **cyclonic circulation** lies over northeast Bangladesh & neighbourhood, Assam & Meghalaya at 0.9 km above mean sea level.
- The **upper air cyclonic circulation** over North Coastal Odisha & neighbourhood at 1.5 km above mean sea level persists.
- **Subtropical westerly Jet Stream** with core winds of the order of 80 knots at 12.6 km above mean sea level prevails over north & northeast India.
- The **Anti-cyclonic circulation** over interior Maharashtra & adjoining Telangana and North Interior Karnataka between 3.1 & 5.8 km above mean sea level persists.
- The **trough** from northwest Rajasthan to southwest Madhya Pradesh across East Rajasthan at 0.9 km above mean sea level has become less marked.
- The **trough** from north Bihar to South Chhattisgarh across Jharkhand and interior Odisha at 0.9 km above mean sea level has become less marked.
- The **upper air cyclonic circulation** over southeast Pakistan & adjoining Rajasthan at 1.5 km above mean sea level has become less marked.
- The **north-south trough** from Marathwada to Gulf of Mannar across Interior Karnataka, Rayalaseema and Tamil Nadu at 0.9 km above mean sea level has become less marked.

Weather Outlook for subsequent 3 days

- **Widespread** rainfall activity likely over Northeast India, Western Himalayan Region and Isolated rainfall activity over Gujarat and Western parts of Peninsular India.



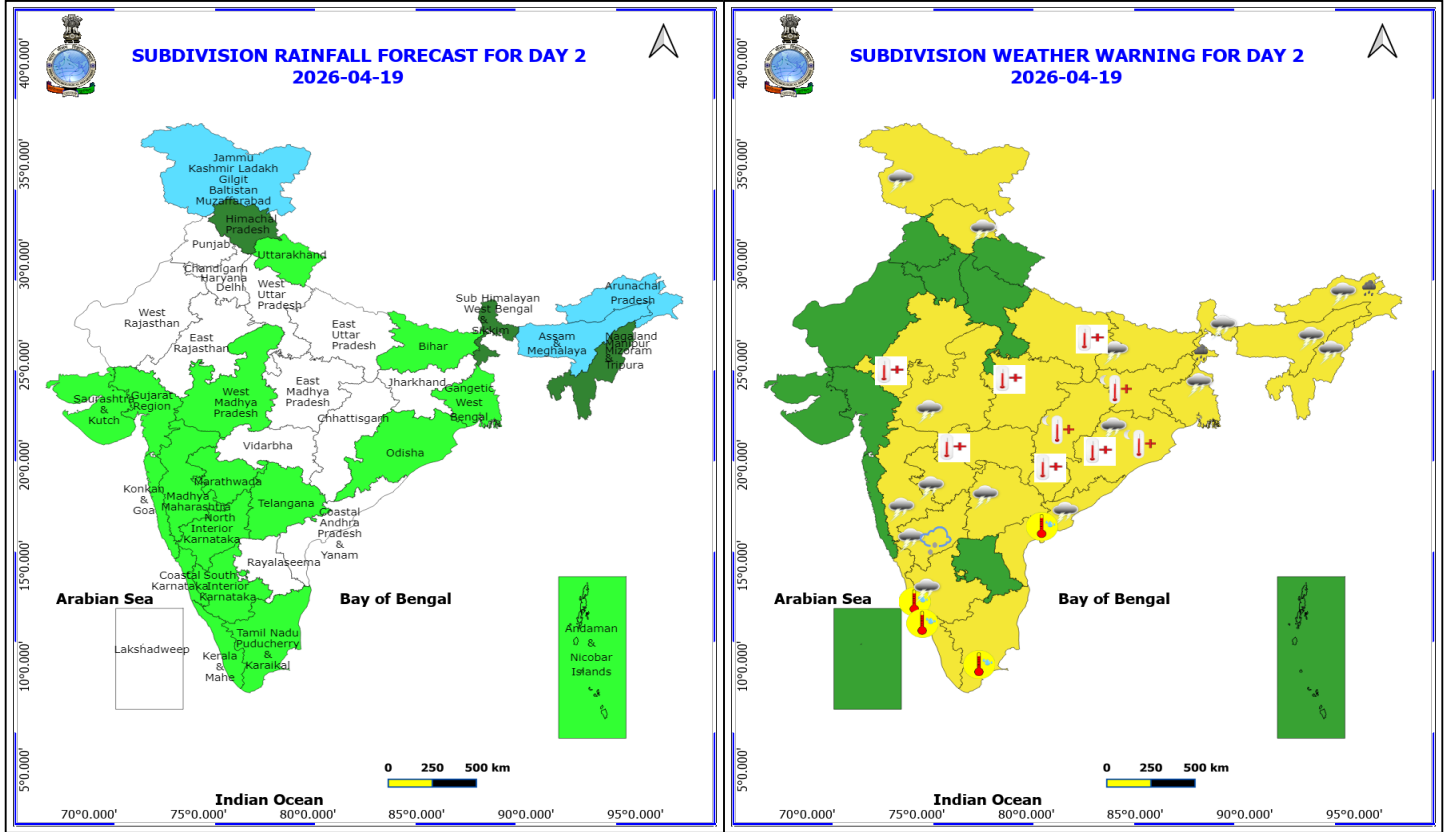
18 April (Day 1)

- ❖ **Heavy Rainfall** very likely at isolated places over Assam & Meghalaya, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Sub Himalayan West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with Hailstorm** very likely at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Madhya Maharashtra, Marathwada and North Interior Karnataka.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Assam & Meghalaya, Bihar, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Madhya Maharashtra, Marathwada, North Interior Karnataka, Sub Himalayan West Bengal & Sikkim and Uttarakhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Chhattisgarh, Gangetic West Bengal, Nagaland, Manipur, Mizoram and Tripura, Odisha, Punjab, South Interior Karnataka and Telangana.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Arunachal Pradesh and Coastal Andhra Pradesh.
- ❖ **Heat Wave conditions** very likely at isolated places over Chhattisgarh, East Madhya Pradesh, East Uttar Pradesh and Vidarbha.
- ❖ **Hot and Humid weather** very likely at isolated places over Coastal Andhra Pradesh, Coastal Karnataka, Kerala & Mahe and Tamil Nadu Puducherry & Karaikal.
- ❖ **Warm Night conditions** very likely at isolated places over Chhattisgarh, Jharkhand and Odisha.

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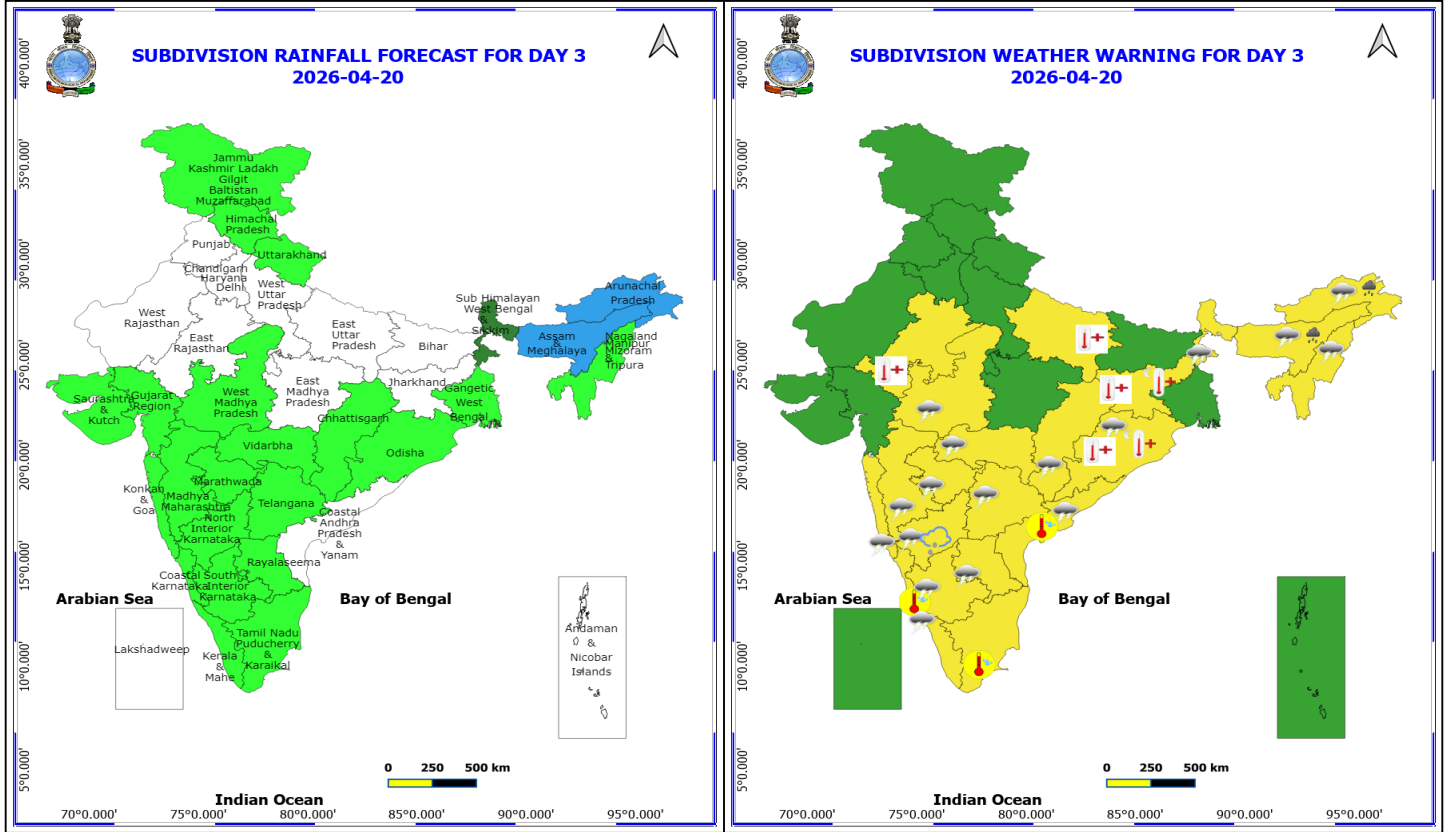
19 April (Day 2)

- ❖ **Heavy Rainfall** very likely at isolated places over Arunachal Pradesh and Sub Himalayan West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with Hailstorm** very likely at isolated places over North Interior Karnataka.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Madhya Maharashtra, Marathwada, North Interior Karnataka and Sub Himalayan West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Bihar, Gangetic West Bengal, Himachal Pradesh, Nagaland, Manipur, Mizoram and Tripura, Odisha, South Interior Karnataka and Telangana.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Coastal Andhra Pradesh and West Madhya Pradesh.
- ❖ **Heat Wave conditions** very likely at isolated places over Chhattisgarh, East Madhya Pradesh, East Rajasthan, East Uttar Pradesh, Odisha and Vidarbha.
- ❖ **Hot and Humid weather** very likely at isolated places over Coastal Andhra Pradesh, Coastal Karnataka, Kerala & Mahe and Tamil Nadu Puducherry & Karaikal.
- ❖ **Warm Night conditions** very likely at isolated places over Chhattisgarh, Jharkhand and Odisha.

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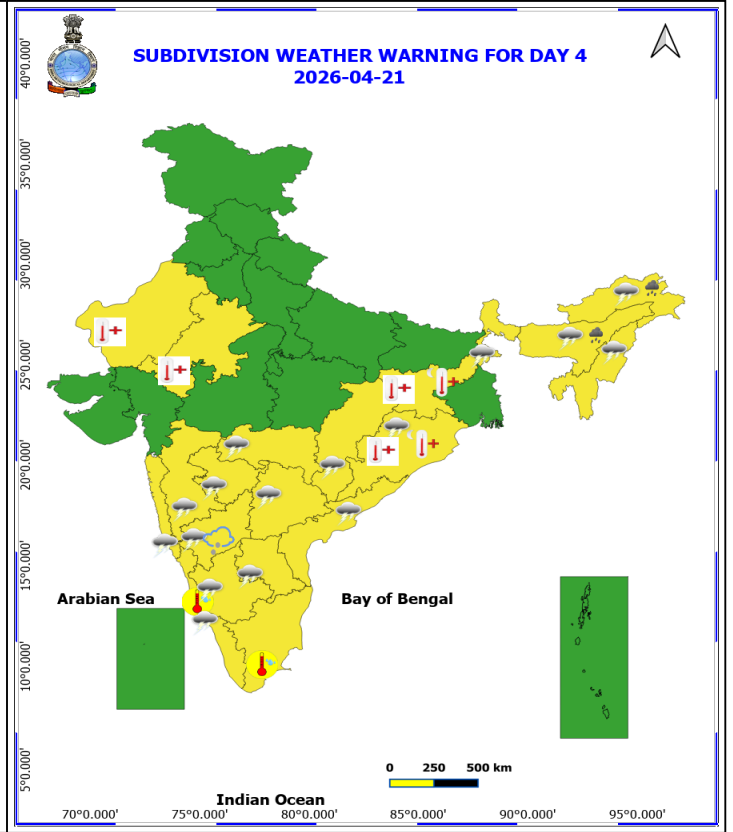
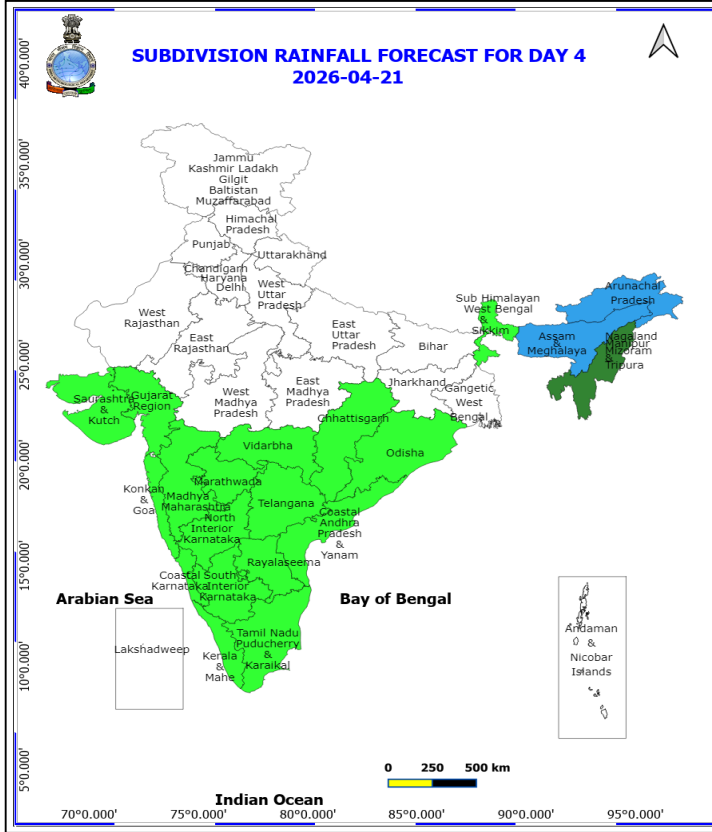
20 April (Day 3)

- ❖ **Heavy Rainfall** very likely at isolated places over Arunachal Pradesh and Assam & Meghalaya.
- ❖ **Thunderstorm accompanied with Hailstorm** very likely at isolated places over North Interior Karnataka.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Assam & Meghalaya, Madhya Maharashtra, Marathwada and North Interior Karnataka.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Arunachal Pradesh, Chhattisgarh, Nagaland, Manipur, Mizoram and Tripura, Odisha, South Interior Karnataka, Sub Himalayan West Bengal & Sikkim, Telangana and Vidarbha.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Andhra Pradesh, Kerala & Mahe, Konkan & Goa and West Madhya Pradesh.
- ❖ **Heat Wave conditions** very likely at isolated places over East Rajasthan, East Uttar Pradesh, Jharkhand and Odisha.
- ❖ **Hot and Humid weather** very likely at isolated places over Coastal Andhra Pradesh, Coastal Karnataka and Tamil Nadu Puducherry & Karaikal.
- ❖ **Warm Night conditions** very likely at isolated places over Jharkhand and Odisha.

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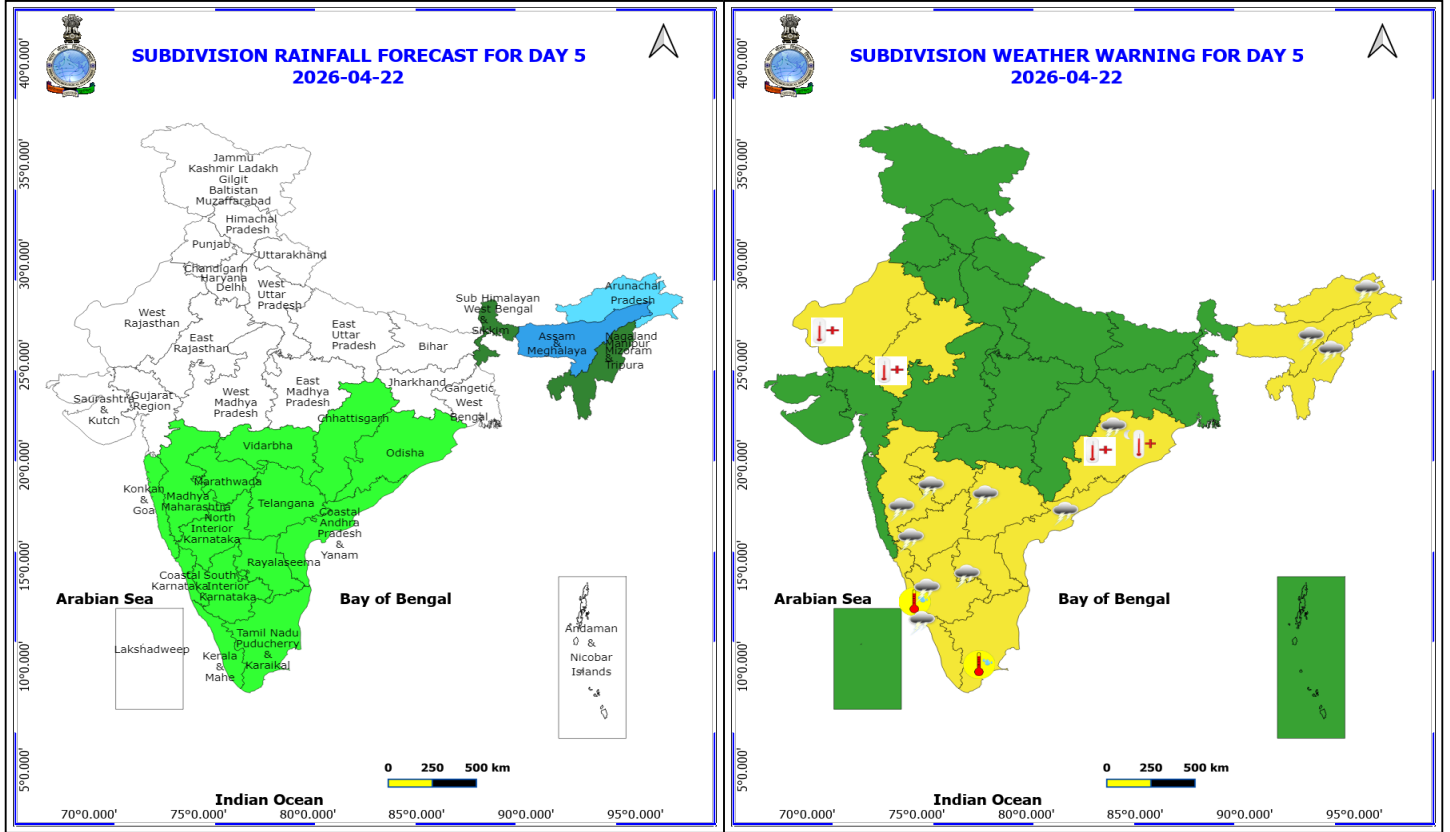
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21 April (Day 4)

- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh and Assam & Meghalaya.
- ❖ **Thunderstorm accompanied with Hailstorm** likely at isolated places over North Interior Karnataka.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Madhya Maharashtra, Marathwada and North Interior Karnataka.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Odisha, South Interior Karnataka, Sub Himalayan West Bengal & Sikkim, Telangana and Vidarbha.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Andhra Pradesh, Kerala & Mahe, Konkan & Goa and Nagaland, Manipur, Mizoram and Tripura.
- ❖ **Heat Wave conditions** likely at isolated places over Jharkhand, Odisha and Rajasthan.
- ❖ **Hot and Humid weather** likely at isolated places over Coastal Karnataka and Tamil Nadu Puducherry & Karaikal.
- ❖ **Warm Night conditions** likely at isolated places over Jharkhand and Odisha.

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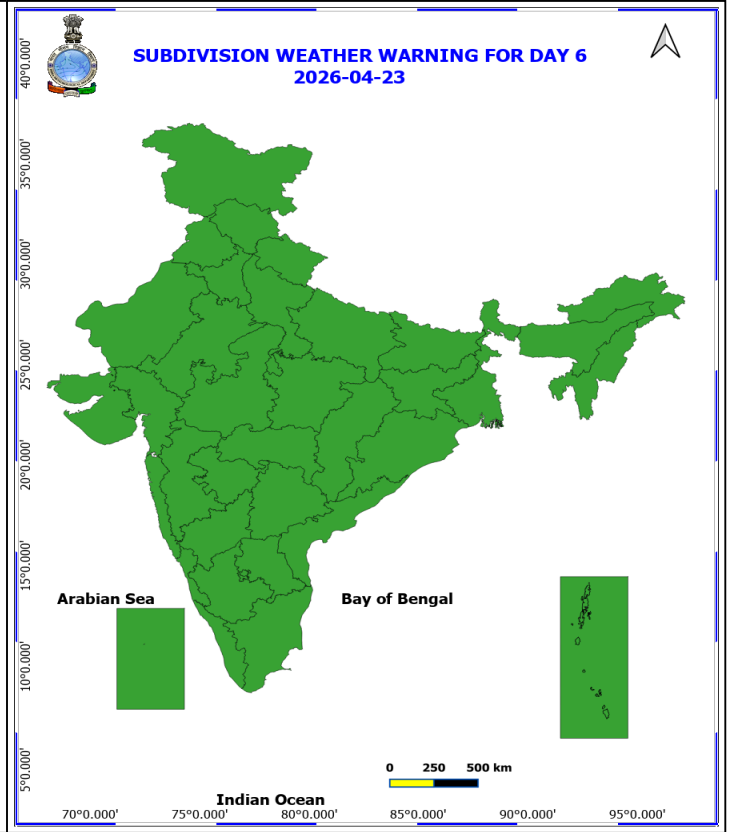
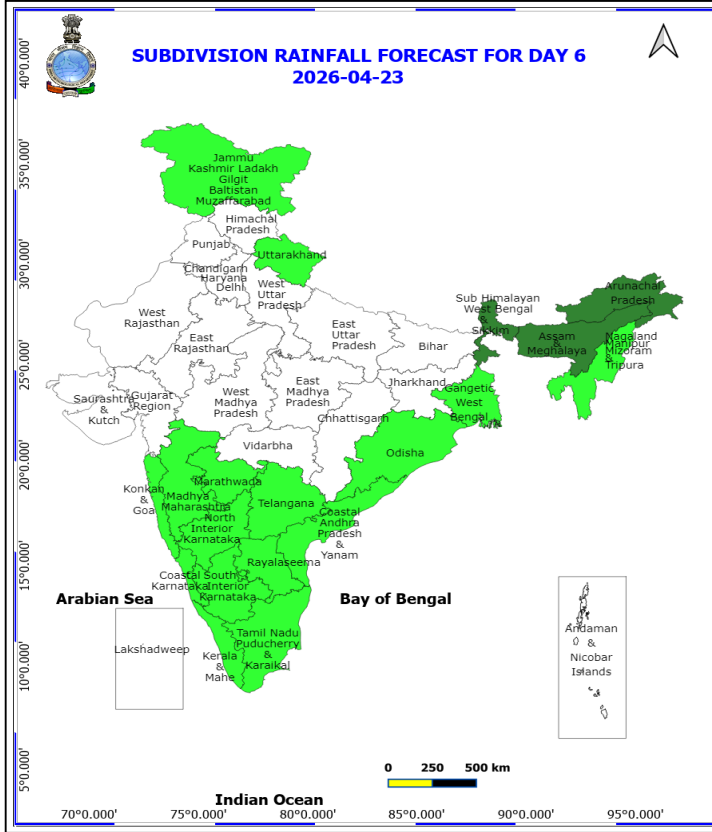


22 April (Day 5)

- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over North Interior Karnataka.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Assam & Meghalaya, Madhya Maharashtra, Marathwada, Odisha, South Interior Karnataka and Telangana.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Andhra Pradesh, Arunachal Pradesh, Kerala & Mahe and Nagaland, Manipur, Mizoram and Tripura.
- ❖ **Heat Wave conditions** likely at isolated places over Odisha and Rajasthan.
- ❖ **Hot and Humid weather** likely at isolated places over Coastal Karnataka and Tamil Nadu Puducherry & Karaikal.
- ❖ **Warm Night conditions** likely at isolated places over Odisha.

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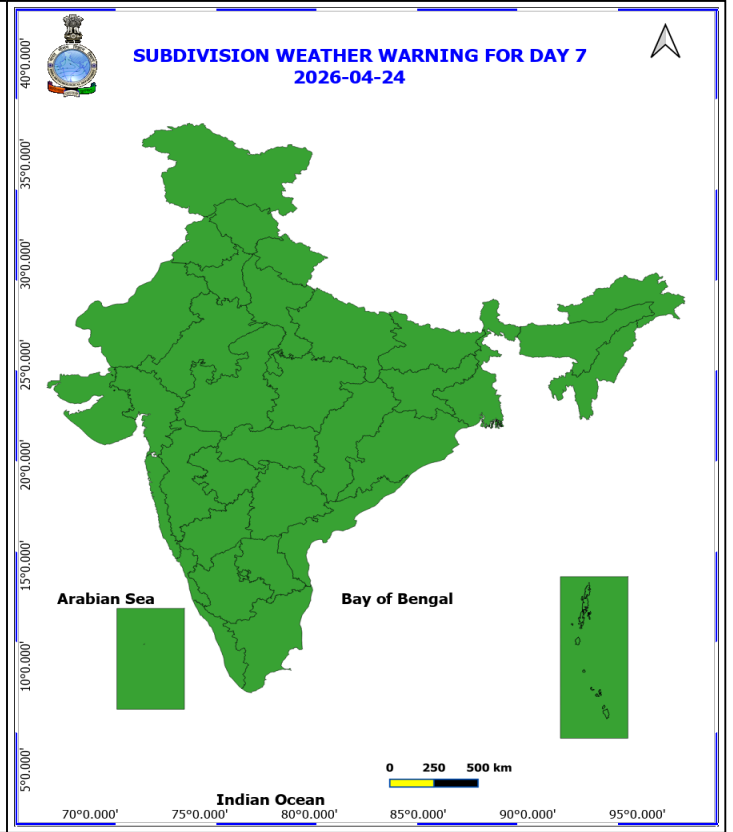
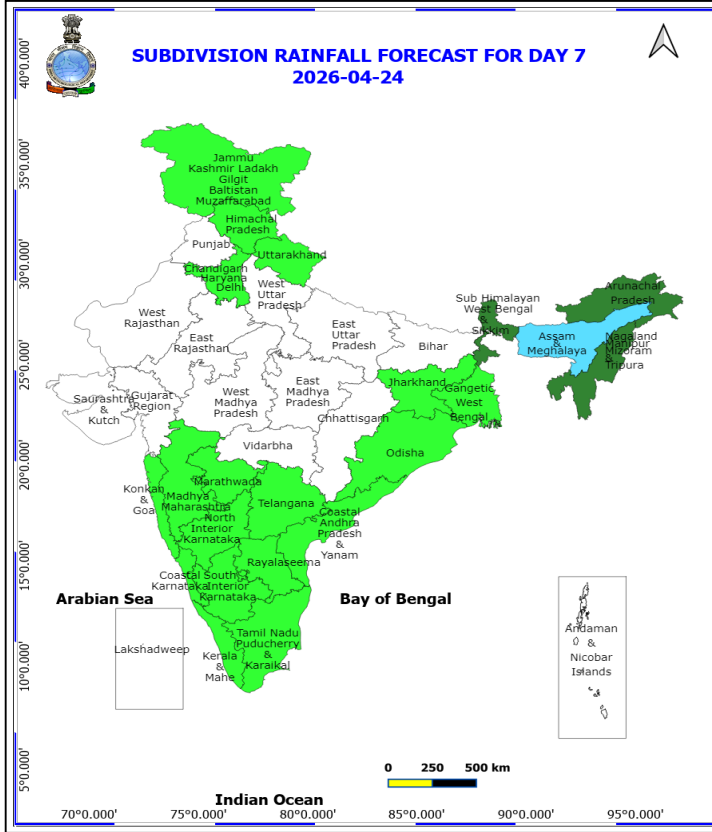
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23 April (Day 6)

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24 April (Day 7)

No Warning

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Table-1

7 Days Rainfall Forecast

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

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 2026-04-17

Fig. 2: Departure of Maximum Temp. Dated 2026-04-17

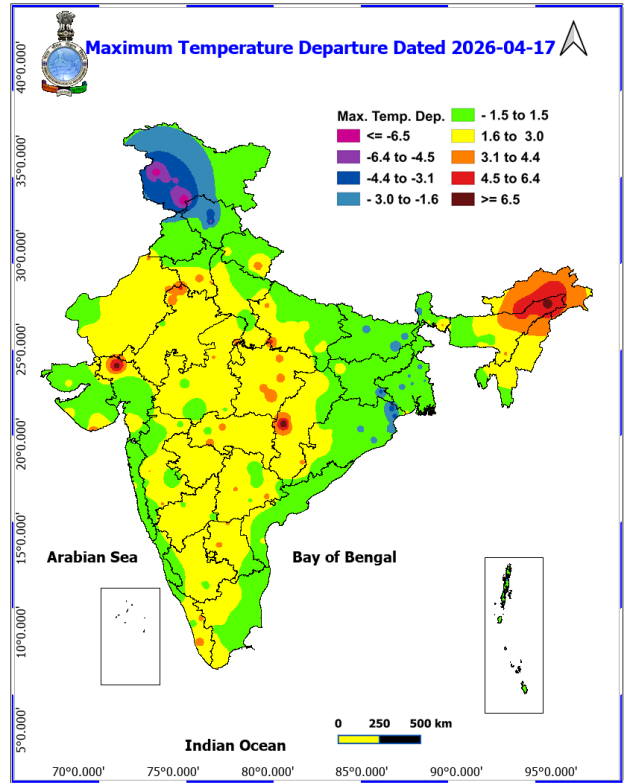
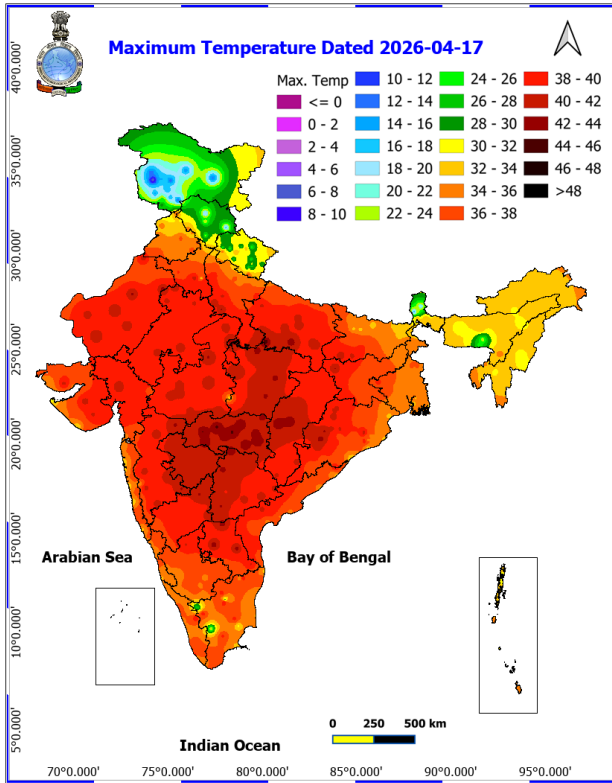
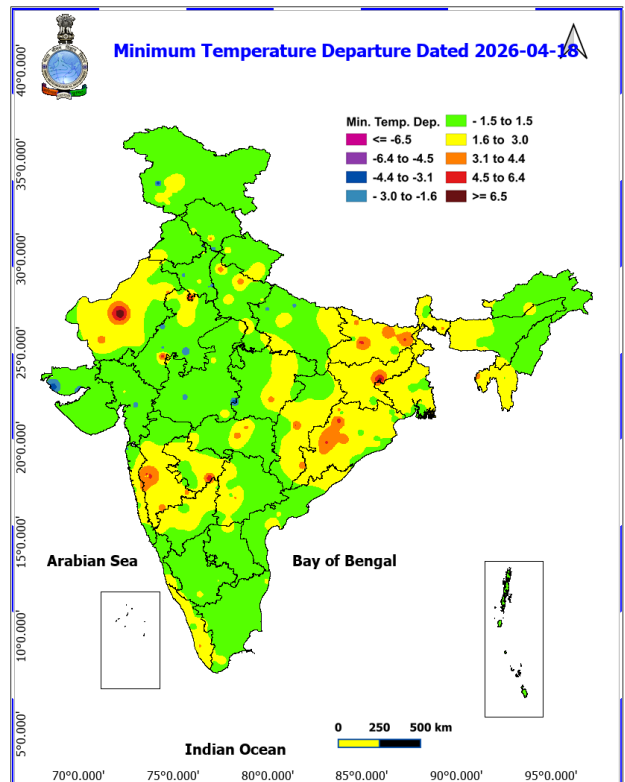
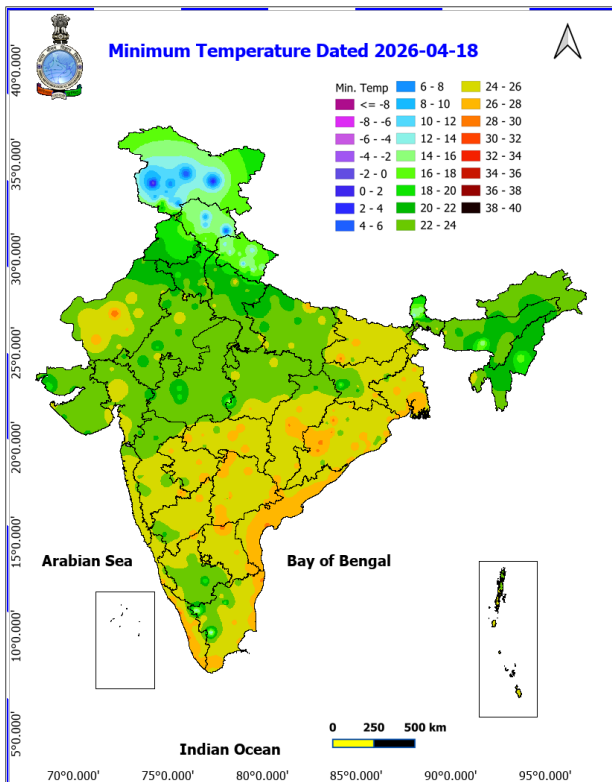


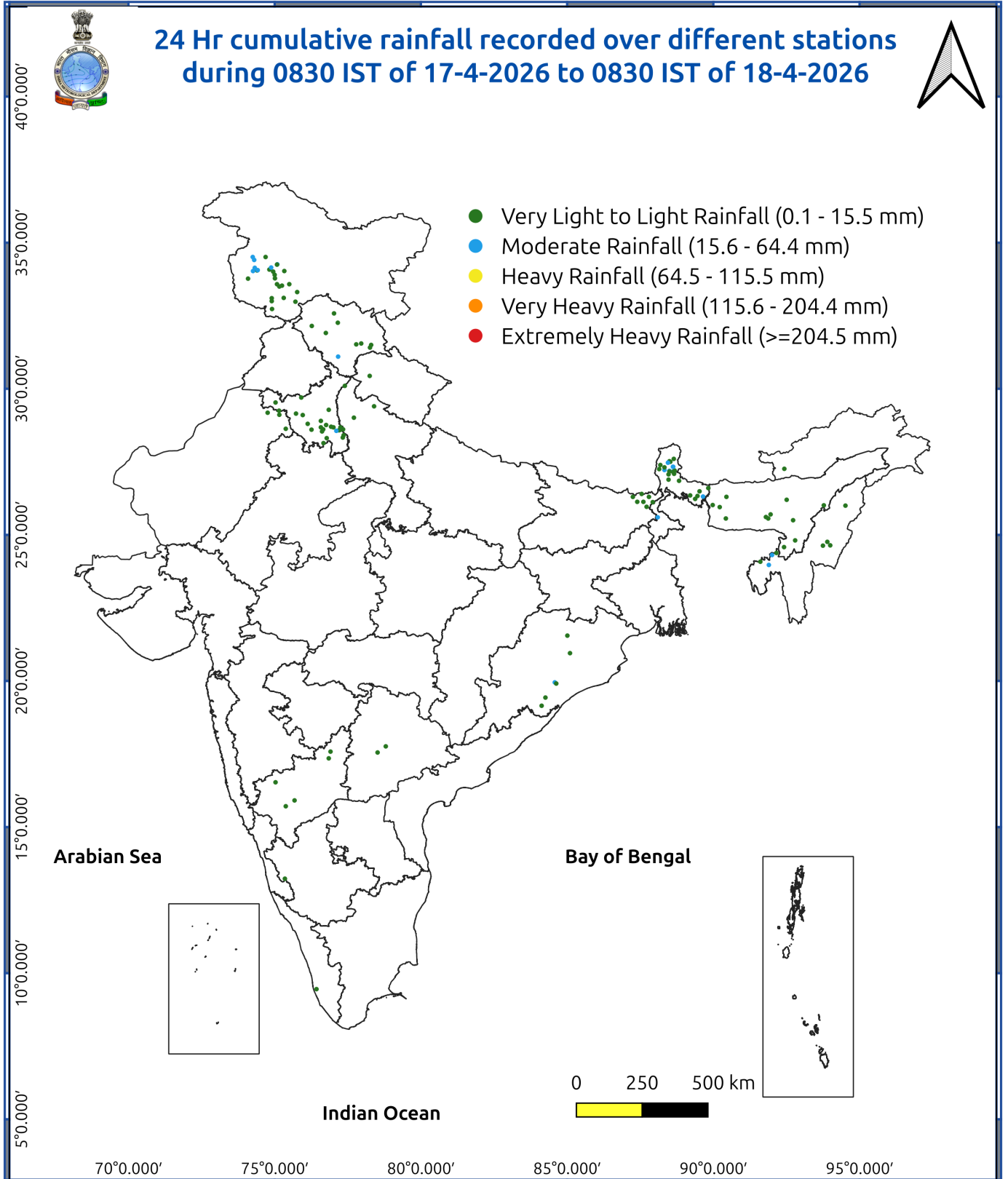
Fig. 3: Minimum Temperatures Dated 2026-04-18

Fig. 4: Departure of Minimum Temp. Dated 2026-04-18



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Impact and Actions

Impact & suggested due to heavy rainfall

- **Isolated heavy rainfall** likely over Arunachal Pradesh during 19th -21st; Assam & Meghalaya on 18th, 20th & 21st; over Sub-Himalayan West Bengal & Sikkim on 18th & 19th April.

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 Hailstorm over

- **Isolated Hailstorm activity** likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad 18th April, North Interior Karnataka during 18th -21st April..

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.
- Hail may injure people and cattle at open places.
- 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.



Agromet advisories for various parts of the country

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



Rain/ Snow *

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



Heat Wave

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 $\geq 37^{\circ}\text{C}$



Warm Night

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 $> 6.4^{\circ}\text{C}$.



Cold Wave

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 $\leq 15^{\circ}\text{C}$



Cold Day

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 $\leq -6.5^{\circ}\text{C}$



Fog

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



Thunderstorm

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



Dust/Sand Storm

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



Frost

Ice deposits on ground

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



Squall

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



Sea State

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



Cyclone

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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