राष्ट्रीय मौसम पूर्वानुमान केन्द्र
भारत मौसम विज्ञान विभाग
पृथ्वी विज्ञान मंत्रालय

National Weather Forecasting Centre
India Meteorological Department
Ministry of Earth Sciences

2026-10-21
Time of Issue: 13:15:00 hours IST
(Mid-Day)

ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN

Significant Weather Features

Weather Systems and Warnings:

South Peninsular India:

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

East India:

- **Fairly Widespread to Widespread** rainfall likely over Andaman & Nicobar Islands during 21st-27th October.
- **Isolated to Scattered** rainfall likely over Odisha during 26th-27th October.
- Isolated **heavy rainfall** likely over Andaman & Nicobar Islands during 22nd-27th October.

Northwest, Central, West & Northeast India:

- No significant weather likely over Northwest, Central, West & Northeast India during the week.

Hot & Humid weather warning:

- **Hot and humid** weather conditions likely to prevail over Konkan & Goa during 21st-22nd October.

Main Weather Observations:

❖ **Rainfall distribution** (from 0830 hours IST of yesterday to 0830 hours IST of today): **at most places** over Andaman & Nicobar Islands; **at many places** over Tamil Nadu, Puducherry & Karaikal, Kerala & Mahe and Lakshadweep; **at isolated places** over Assam & Meghalaya, Odisha, West Rajasthan, East Rajasthan, West Madhya Pradesh, East Madhya Pradesh, Coastal Andhra Pradesh & Yanam, Telangana and Rayalaseema; **Dry** over rest of the country.

❖ **Significant rainfall recorded(in cm)** (from 0830 hours IST of yesterday to 0830 hours IST of today): **Tamil Nadu, Puducherry & Karaikal**: Mgr Nagar (dist Chennai) 15; Chennai AP (dist Chennai), Alandur (dist Chennai) 13 Each; Dgp Office (dist Chennai), Colachel (dist Kanyakumari) 12 Each; Chennai(n) (dist Chennai) 11; Aliyar (dist Coimbatore) 10; Anna University (dist Chennai), Thamaraipakkam (dist Tiruvallur), Puzhal ARG (dist Tiruvallur), Ambathur (dist Chennai), Uthukottai (dist Tiruvallur) 9 Each; Cholavaram (dist Tiruvallur), Anna Uty ARG (dist Chennai), Kurunthancode (dist Kanyakumari) 8 Each; Red Hills (dist Tiruvallur), Sholinganallur (dist Chennai), Ammapettai (dist Erode), Oothu (dist Tirunelveli) 7 Each; Periyanaickenpalayam (dist Coimbatore), Perundurai (dist Erode), Eraniel (dist Kanyakumari), Nagapattinam (dist Nagapattinam), Sivagiri (dist Tenkasi), Ponneri (dist Tiruvallur), Poondi (dist Tiruvallur), Satyabama Uty ARG (dist Chengalpattu), Suralacode (dist Kanyakumari), Perunchani Dam (dist Kanyakumari), Gummidipoondi (dist Tiruvallur), Kundrathur (dist Kancheepuram), Nalumukku (dist Tirunelveli) 6 Each; **Kerala & Mahe**: Kollam Rly (dist Kollam) 11; Chavara AWS (dist Kollam) 9; Pampadumpara AWS (dist Idukki) 8; Cherthala (dist Alapuzha) 6; **Rayalaseema**: Tada (dist Tirupati) 11; Tirupati AP (dist Tirupati), Satyavedu (dist Tirupati) 8 Each.

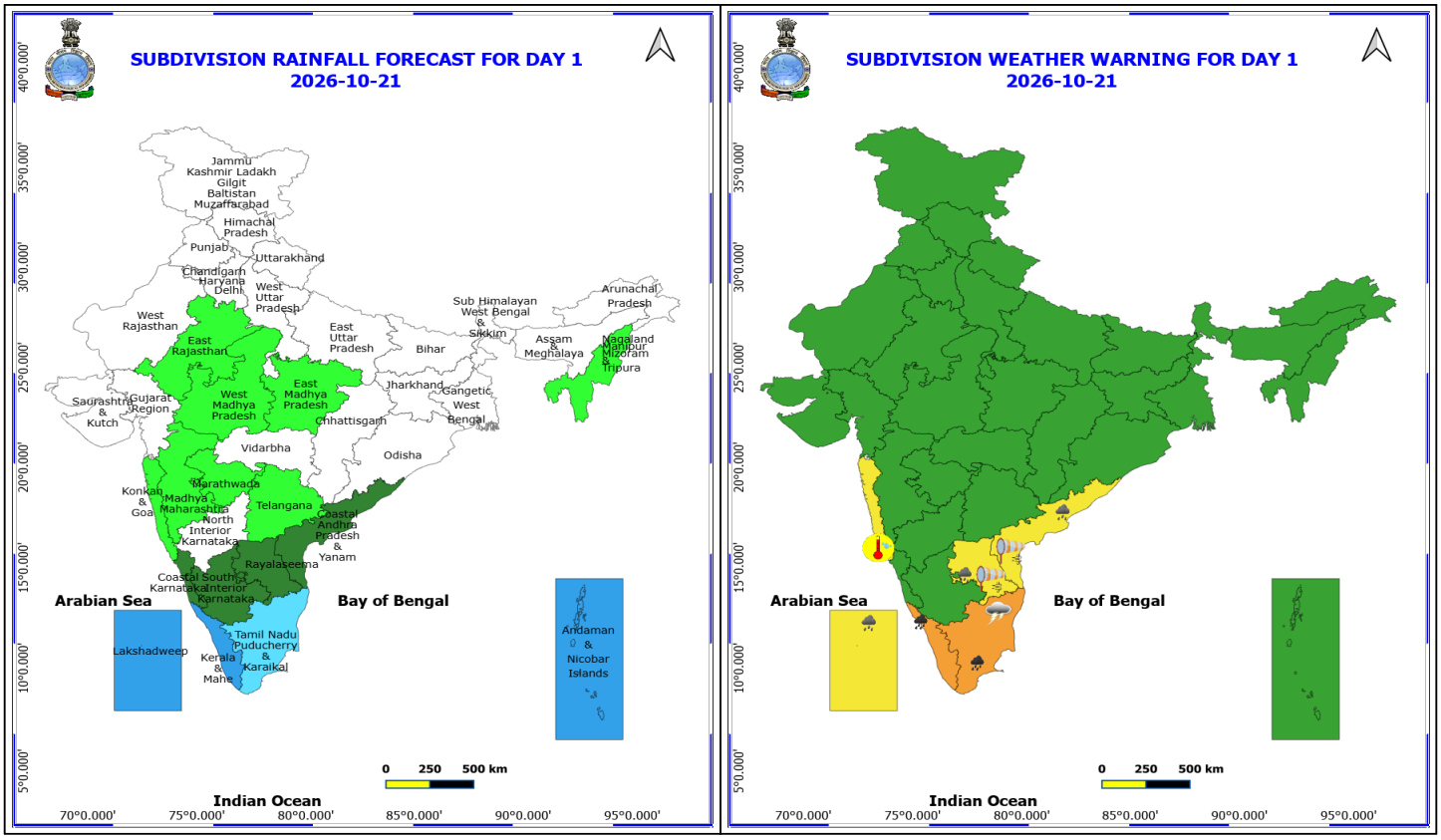
❖ **Heavy Rainfall observed** (from 0830 hours IST of yesterday to 0830 hours IST of today):**Heavy to very heavy rain** at isolated places over Tamil Nadu, Puducherry & Karaikal. **Heavy rain** at isolated places over Rayalaseema and Kerala & Mahe.

❖ **Minimum Temperature Departures (as on 21-10-2026): markedly above normal(> 5.1°C)** at isolated places over Assam & Meghalaya, Sub Himalayan West Bengal & Sikkim and West Madhya Pradesh. **appreciably above normal(3.1°C to 5.0°C)** at few places over West Rajasthan and Lakshadweep; at isolated places over Assam & Meghalaya, Sub Himalayan West Bengal & Sikkim, Odisha, East Uttar Pradesh, Punjab, West Madhya Pradesh, East Madhya Pradesh, Gujarat Region, Vidarbha and North Interior Karnataka. **above normal(1.6°C to 3.0°C)** at many places over West Rajasthan, Gujarat Region and Lakshadweep; at most places over Madhya Maharashtra; at few places over Andaman & Nicobar Islands, East Rajasthan, West Madhya Pradesh, Saurashtra & Kutch, Marathwada, Telangana and Tamil Nadu, Puducherry & Karaikal; at isolated places over Assam & Meghalaya, Odisha, East Uttar Pradesh, West Uttar Pradesh, Uttarakhand, Konkan & Goa, Vidarbha, Coastal Andhra Pradesh & Yanam, South Interior Karnataka and Kerala & Mahe. **near normal(-1.5°C to 1.5°C)** at many places over Assam & Meghalaya, Sub Himalayan West Bengal & Sikkim, Bihar, West Uttar Pradesh, Uttarakhand, Punjab, Himachal Pradesh, East Rajasthan, East Madhya Pradesh, Saurashtra & Kutch, Rayalaseema, Tamil Nadu, Puducherry & Karaikal and South Interior Karnataka; at most places over Arunachal Pradesh, Nagaland, Manipur, Mizoram & Tripura, Gangetic West Bengal, Jharkhand, Haryana-Chandigarh-Delhi, Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad, Konkan & Goa, Chhattisgarh, Coastal Andhra Pradesh & Yanam, Coastal Karnataka, North Interior Karnataka and Kerala & Mahe; at few places over Andaman & Nicobar Islands, Odisha, East Uttar Pradesh, West Madhya Pradesh, Gujarat Region, Marathwada, Vidarbha and Telangana; at isolated places over West Rajasthan and Madhya Maharashtra. **The lowest minimum temperature** of 11.1°C was reported at MANDI (HIMACHAL PRADESH) over the Plains of India.

❖ **Maximum Temperature Departures (as on 20-10-2026): markedly above normal(> 5.1°C)** at few places over Arunachal Pradesh and Assam & Meghalaya; at isolated places over Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad. **appreciably above normal(3.1°C to 5.0°C)** at few places over Saurashtra & Kutch; at isolated places over Himachal Pradesh and Konkan & Goa. **above normal(1.6°C to 3.0°C)** at many places over Sub Himalayan West Bengal & Sikkim; at isolated places over Nagaland, Manipur, Mizoram & Tripura. **near normal(-1.5°C to 1.5°C)** at many places over Punjab, West Rajasthan, Gujarat Region, Coastal Karnataka and Kerala & Mahe; at most places over Lakshadweep; at few places over Andaman & Nicobar Islands and Uttarakhand; at isolated places over Gangetic West Bengal, Odisha, Bihar, East Rajasthan, Telangana and Tamil Nadu, Puducherry & Karaikal. **The highest maximum temperature** of 38.0°C was reported at BARMER (RAJASTHAN).

Meteorological Analysis (Based on 0830 hours IST)

- The **Low Pressure area** over southwest Arabian sea persists over the same region at 0830 hrs IST of today, the 21st October, 2026. The associated cyclonic circulation extends upto 5.8 km above mean sea level. It is very likely to move west-northwestwards as a low pressure area on today, 21st October and then west-southwestwards towards Somalia coast on 22nd October.
- **The Low Pressure area**over Southwest Bay of Bengal off Tamil Nadu coast persists over the same region at 0830 hrs IST of today, the 21st October, 2026. The associated cyclonic circulation extends upto 5.8 km above mean sea level.
- The **upper air cyclonic circulation** over Gulf of Thailand and adjoining Thailand & Myanmar persists and now extends upto 5.8 km above mean sea level at 0830 Hrs IST of today, 21st October. It is likely to emerge into north Andaman Sea by today, 21st October. Thereafter it will move west-north-westwards. Under its influence a low-pressure area is likely to form over Southeast and adjoining East-central Bay of Bengal around 23rd October, 2026. Then it is likely to move north-westwards and intensify further.
- The **upper air cyclonic circulation**over southwest Rajasthan & neighbourhood persists and now lies at 0.9 km above mean sea level.
- The **upper air cyclonic circulation** over east Bangladesh and adjoining Tripura, now lies over Bangladesh at 1.5 km above mean sea level.
- An **upper air cyclonic circulation** lies over north Haryana & neighbourhood at 1.5 km above mean sea level.
- A fresh **Western disturbance** is likely to affect Northwest India from 24th October, 2026.
- The **trough** from the **centre of low pressure** area over southwest Bay of Bengal and adjoining Tamil Nadu coast to north coastal Andhra Pradesh at 3.1 km above mean sea level has become less marked.



21 October (Day 1)

❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Kerala & Mahe and Tamil Nadu Puducherry & Karaikal.

❖ **Heavy Rainfall** very likely at isolated places over Andhra Pradesh and Lakshadweep.

❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Tamil Nadu Puducherry & Karaikal.

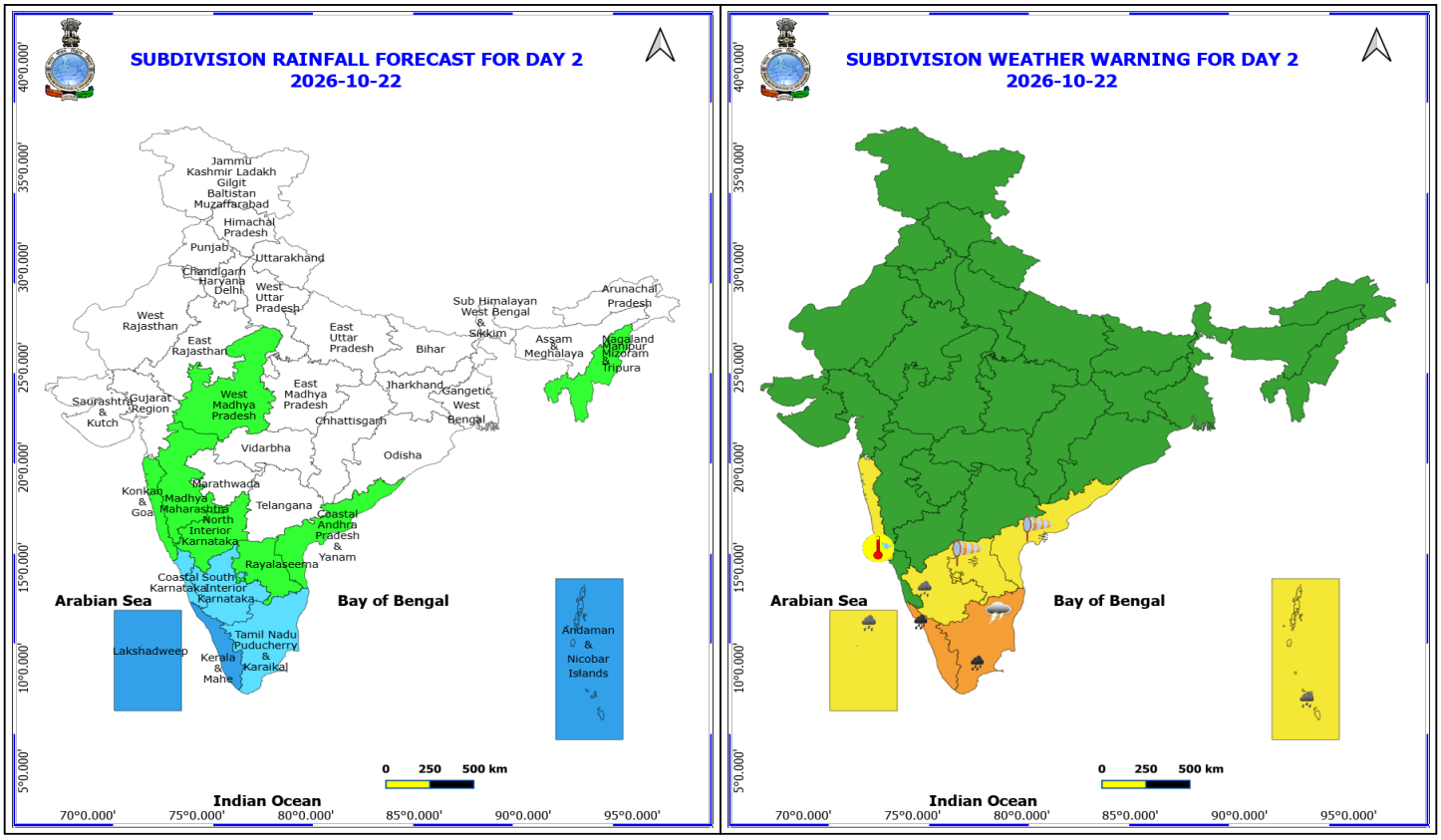
❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Andaman & Nicobar Islands, Andhra Pradesh, Kerala & Mahe, Lakshadweep, Madhya Pradesh and Telangana.

❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Coastal Karnataka and South Interior Karnataka.

❖ **Strong Surface Winds** very likely at isolated places over Andhra Pradesh.

❖ **Hot and Humid weather** very likely at isolated places over Konkan & Goa.

❖ **Squally weather with wind speed 35-45 kmph gusting to 55 kmph** is likely to prevail along and off Kerala coast, over Lakshadweep Area, Gulf of Mannar adjoining Comorin area and along and off south Tamil Nadu & north Sri Lanka coasts.



22 October (Day 2)

❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Kerala & Mahe and Tamil Nadu Puducherry & Karaikal.

❖ **Heavy Rainfall** very likely at isolated places over Andaman & Nicobar Islands, Lakshadweep and South Interior Karnataka.

❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Tamil Nadu Puducherry & Karaikal.

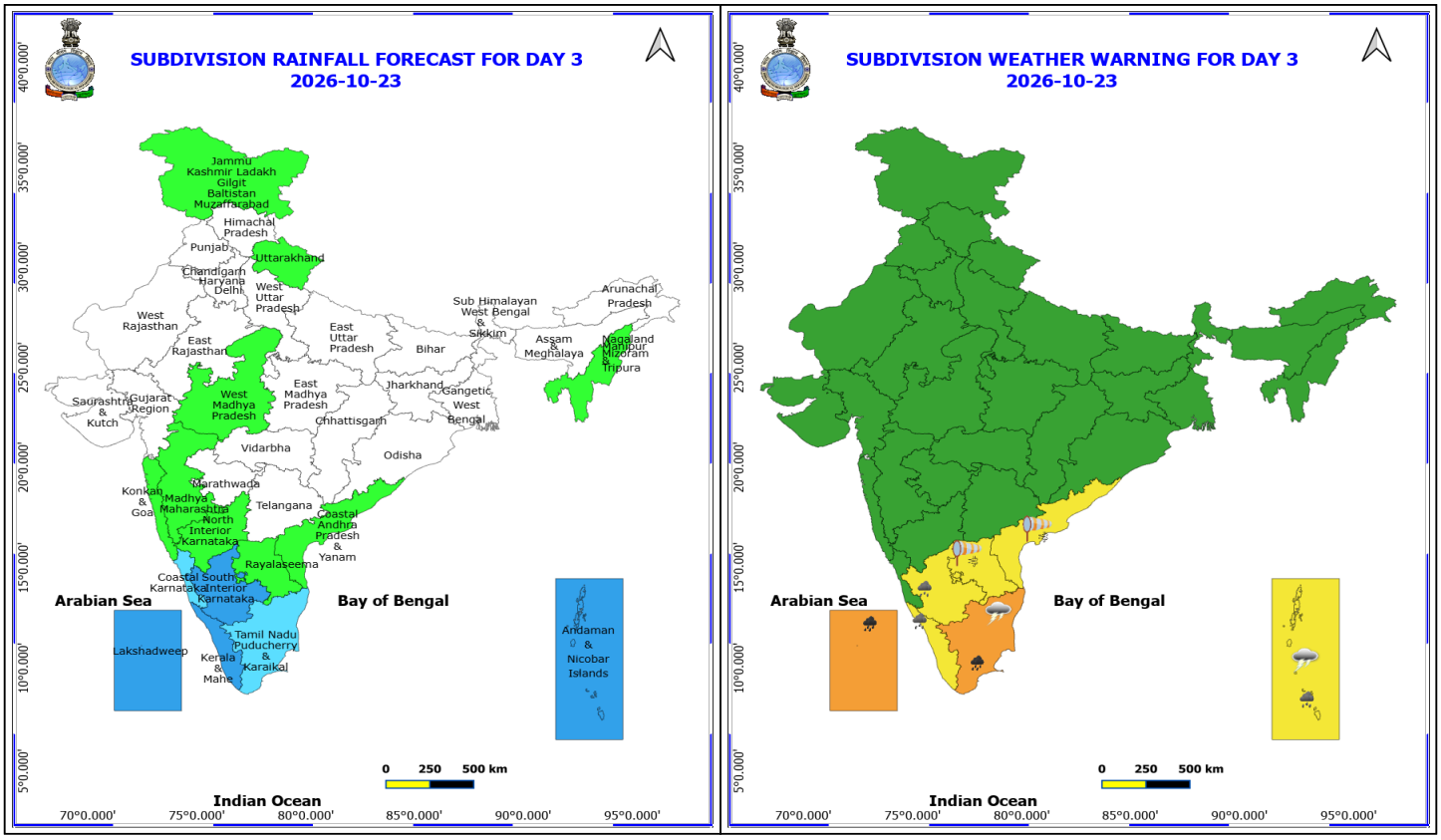
❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Andaman & Nicobar Islands, Andhra Pradesh, Interior Karnataka, Kerala & Mahe, Lakshadweep, Telangana and West Madhya Pradesh.

❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Coastal Karnataka.

❖ **Strong Surface Winds** very likely at isolated places over Andhra Pradesh.

❖ **Hot and Humid weather** very likely at isolated places over Konkan & Goa.

❖ **Squally weather with wind speed 35-45 kmph gusting to 55 kmph** is likely to prevail along and off Kerala coast and over Lakshadweep Area



23 October (Day 3)

❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Lakshadweep and Tamil Nadu Puducherry & Karaikal.

❖ **Heavy Rainfall** very likely at isolated places over Andaman & Nicobar Islands, Kerala & Mahe and South Interior Karnataka.

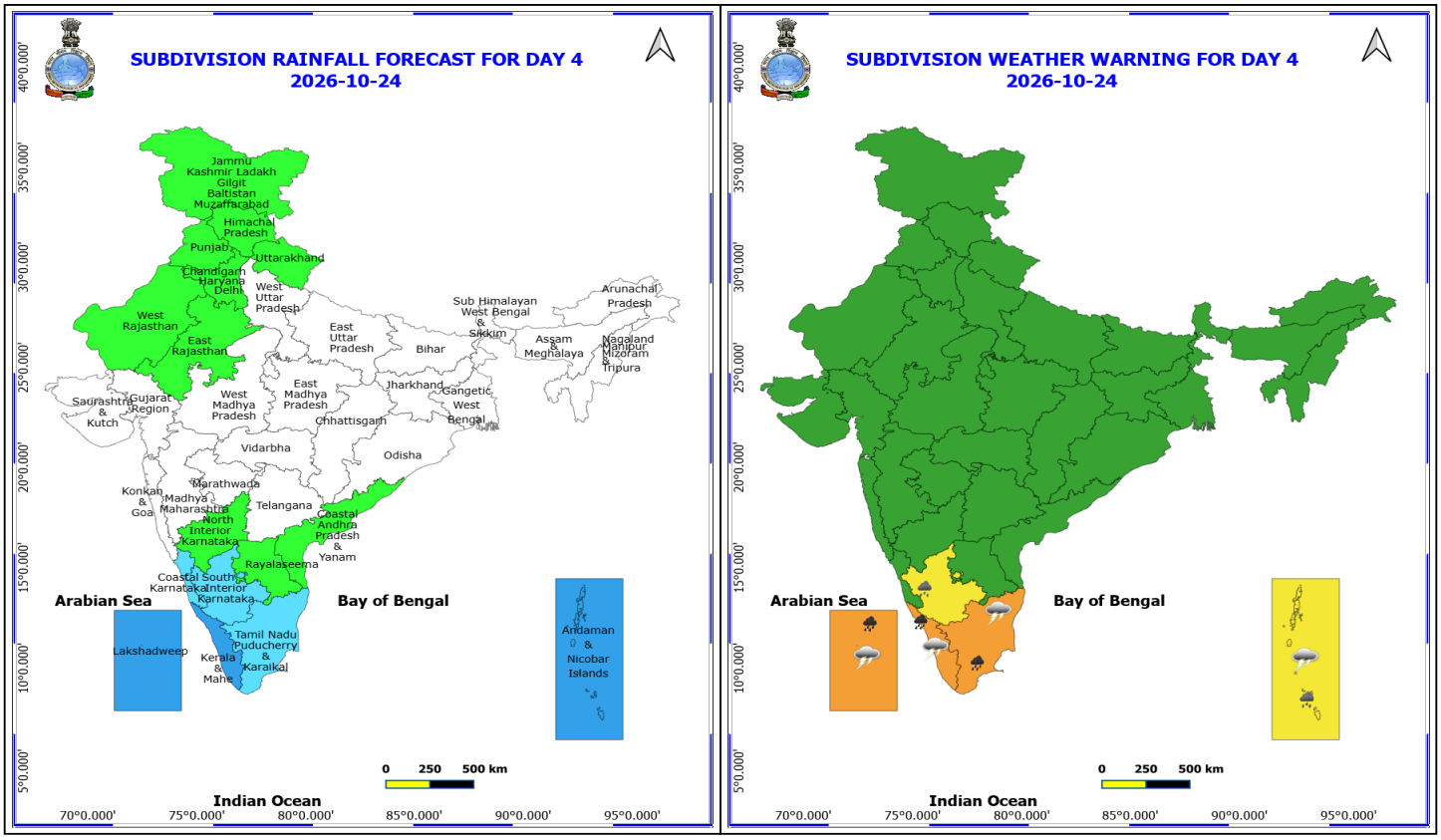
❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Andaman & Nicobar Islands and Tamil Nadu Puducherry & Karaikal.

❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Andhra Pradesh, Interior Karnataka, Kerala & Mahe, Lakshadweep, Telangana and West Madhya Pradesh.

❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Coastal Karnataka.

❖ **Strong Surface Winds** very likely at isolated places over Andhra Pradesh.

❖ **Squally weather with wind speed 35-45 kmph gusting to 55 kmph** is likely to prevail along and off Karnataka and Kerala coasts, Lakshadweep Area; over many parts of eastcentral & southeast Bay of Bengal and Andaman Sea



24 October (Day 4)

❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Kerala & Mahe, Lakshadweep and Tamil Nadu Puducherry & Karaikal.

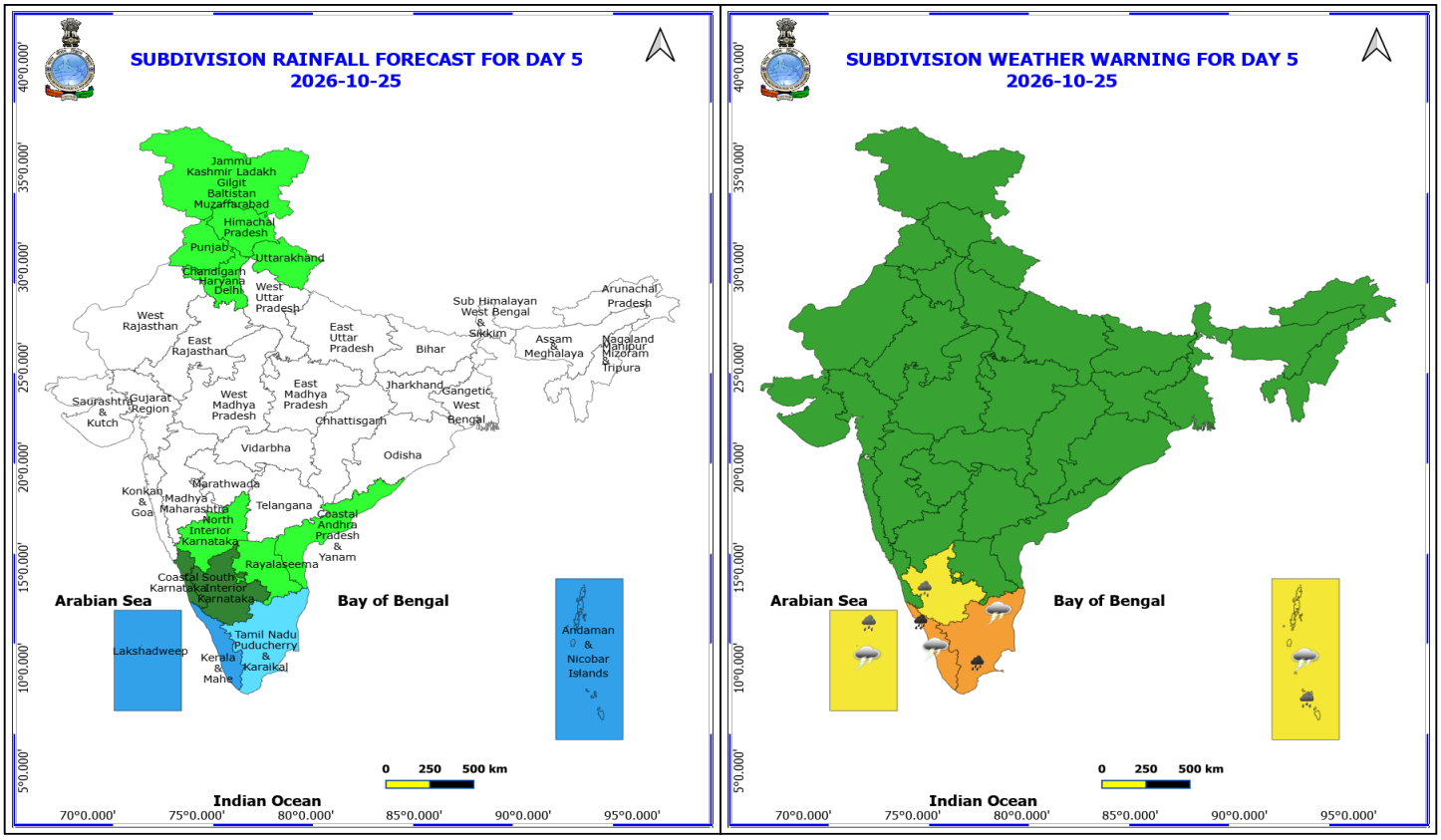
❖ **Heavy Rainfall** likely at isolated places over Andaman & Nicobar Islands and South Interior Karnataka.

❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands, Kerala & Mahe, Lakshadweep and Tamil Nadu Puducherry & Karaikal.

❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Interior Karnataka, Telangana and West Rajasthan.

❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Coastal Karnataka.

❖ **Squally weather with wind speed 35-45 kmph gusting to 55 kmph** is likely to prevail along and off Karnataka and Kerala coasts, Lakshadweep Area; Gulf of Mannar adjoining Comorin area, over most parts of south and many parts of eastcentral Bay of Bengal and Andaman Sea



25 October (Day 5)

❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Kerala & Mahe and Tamil Nadu Puducherry & Karaikal.

❖ **Heavy Rainfall** likely at isolated places over Andaman & Nicobar Islands, Lakshadweep and South Interior Karnataka.

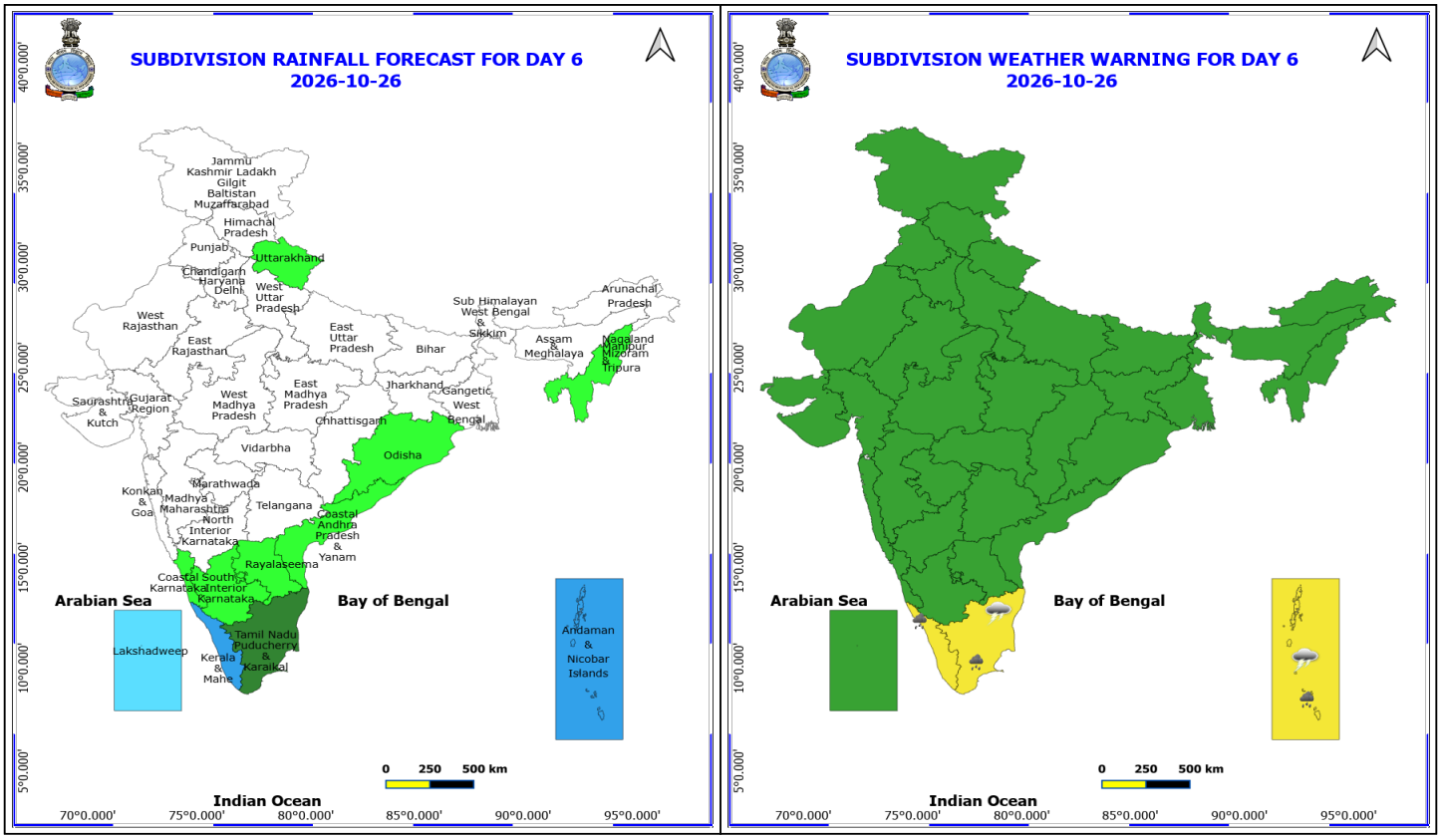
❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands, Kerala & Mahe, Lakshadweep and Tamil Nadu Puducherry & Karaikal.

❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Telangana.

❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Karnataka.

❖ **Squally weather with wind speed 45-55 kmph gusting to 65 kmph** is likely to prevail over most parts of eastcentral and adjoining southeast Bay of Bengal.

❖ **Squally weather with wind speed 35-45 kmph gusting to 55 kmph** is likely to prevail along and off Karnataka and Kerala coasts, Lakshadweep Area; Gulf of Mannar adjoining Comorin area, over most parts of south & eastcentral Bay of Bengal and Andaman Sea.



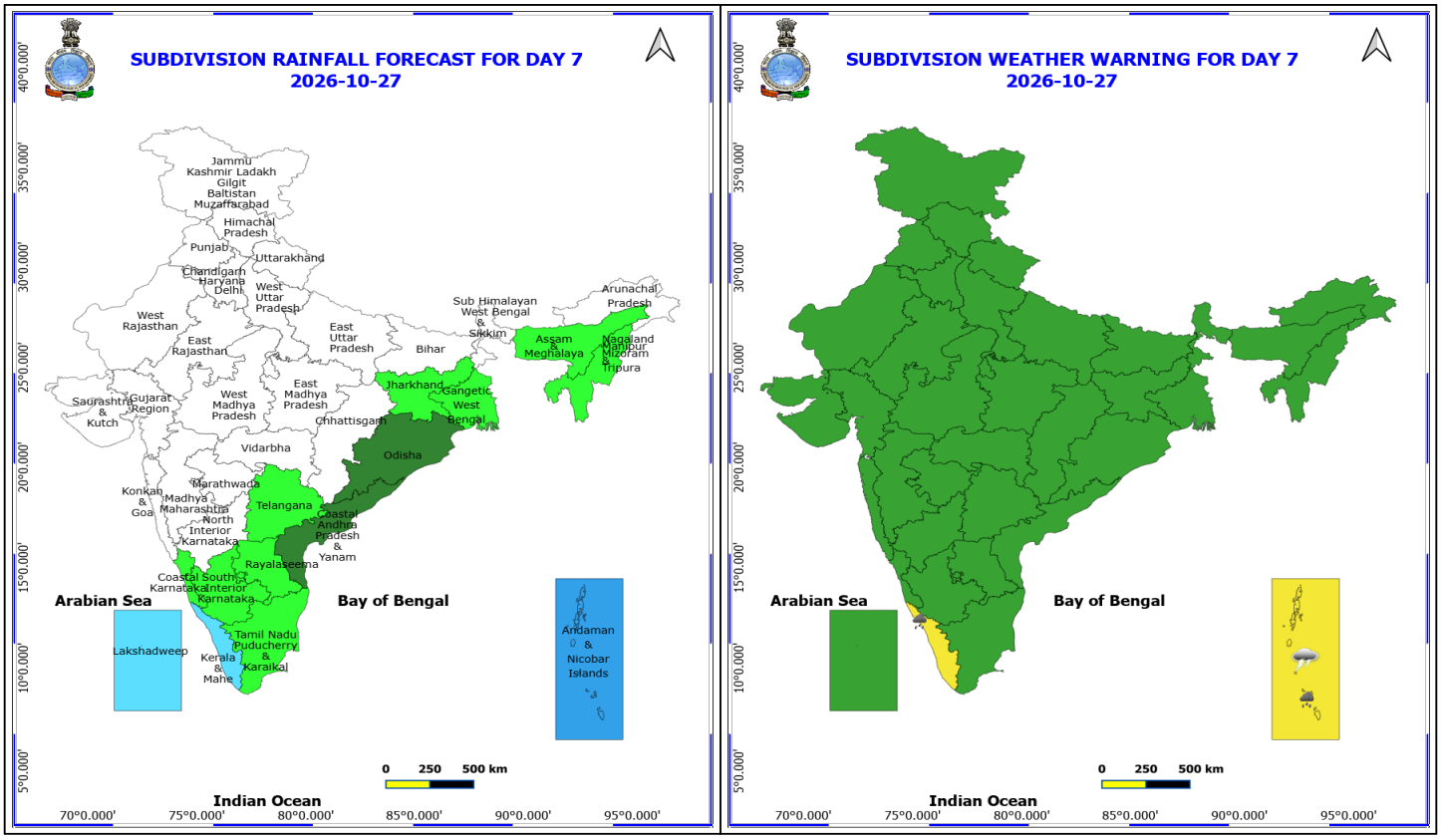
26 October (Day 6)

❖ **Heavy Rainfall** likely at isolated places over Andaman & Nicobar Islands, Kerala & Mahe and Tamil Nadu Puducherry & Karaikal.

❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands and Tamil Nadu Puducherry & Karaikal.

❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Odisha and Telangana.

No Fishermen Warning



27 October (Day 7)

❖ **Heavy Rainfall** likely at isolated places over Andaman & Nicobar Islands and Kerala & Mahe.

❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands.

❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Odisha and Telangana.

No Fishermen Warning

Table-1

7 Days Rainfall Forecast

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

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

*Red color warning does not mean "Red Alert" Red color warning means "Take Action"
Forecast and warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day
For more details kindly visit https://mausam.imd.gov.in or contact 011-2434-4599
(Service to the nation since 1875)

Fig. 1: Maximum Temperatures Dated 2026-10-20

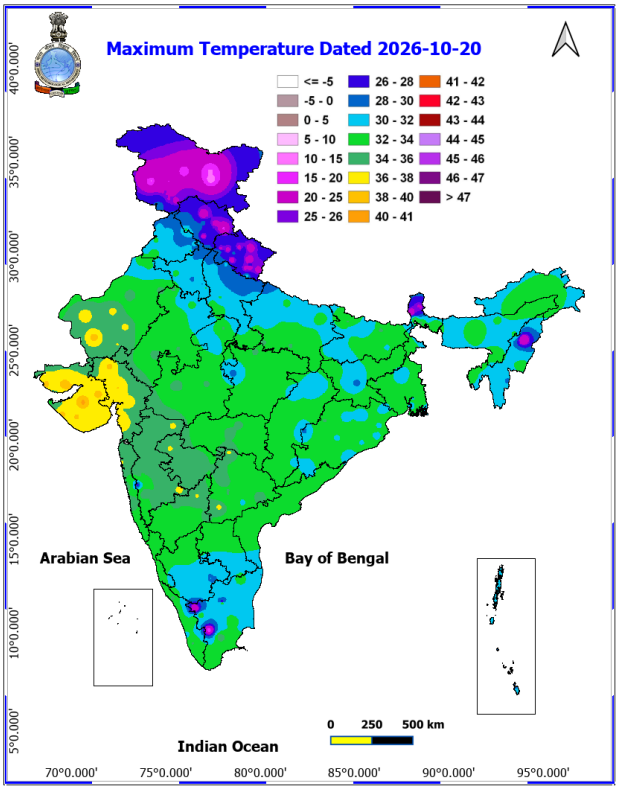


Fig. 2: Departure of Maximum Temp. Dated 2026-10-20

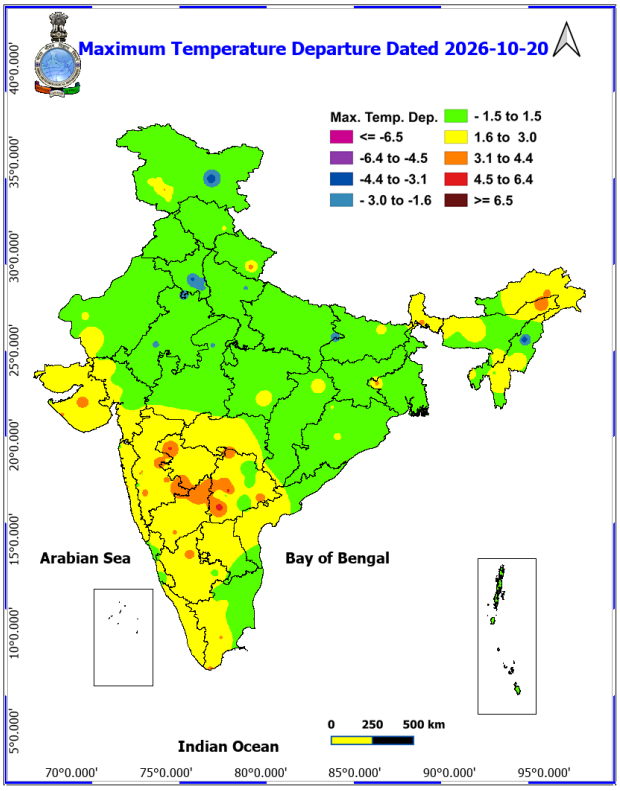


Fig. 3: Minimum Temperatures Dated 2026-10-21

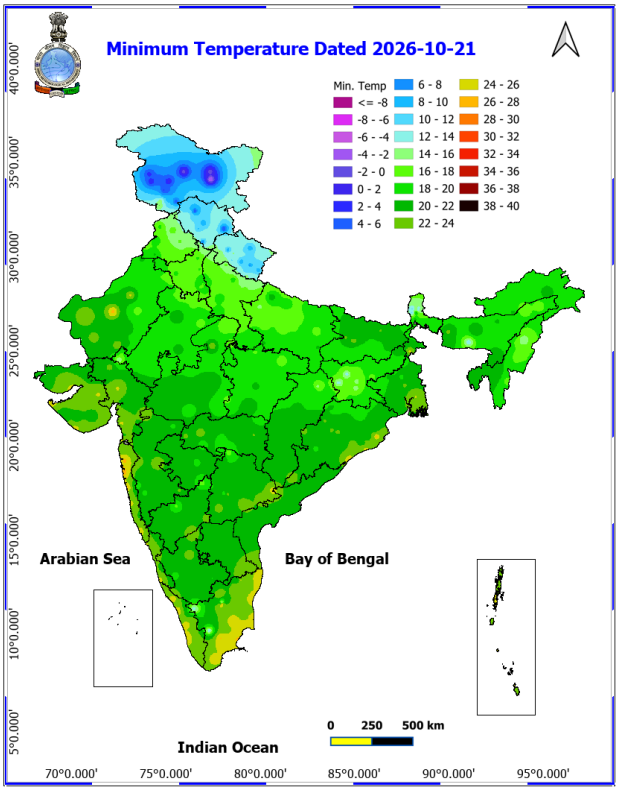
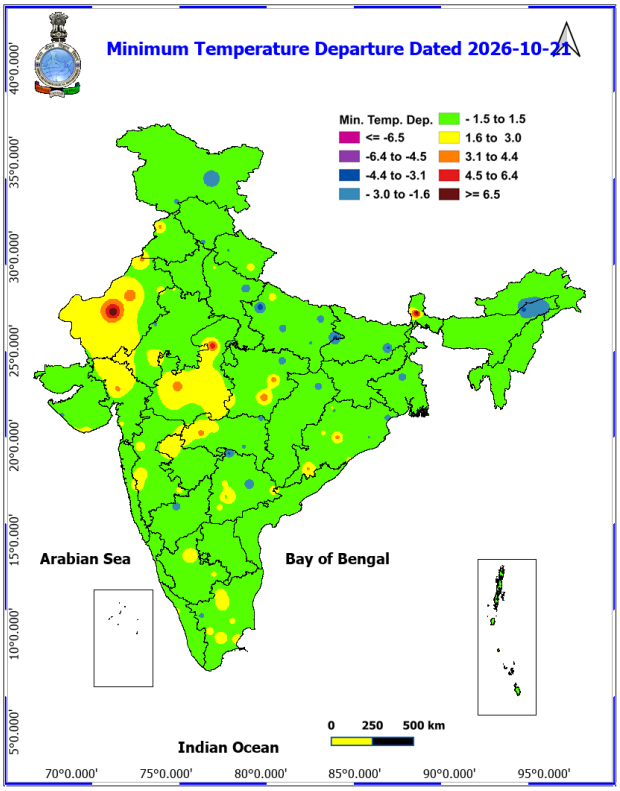
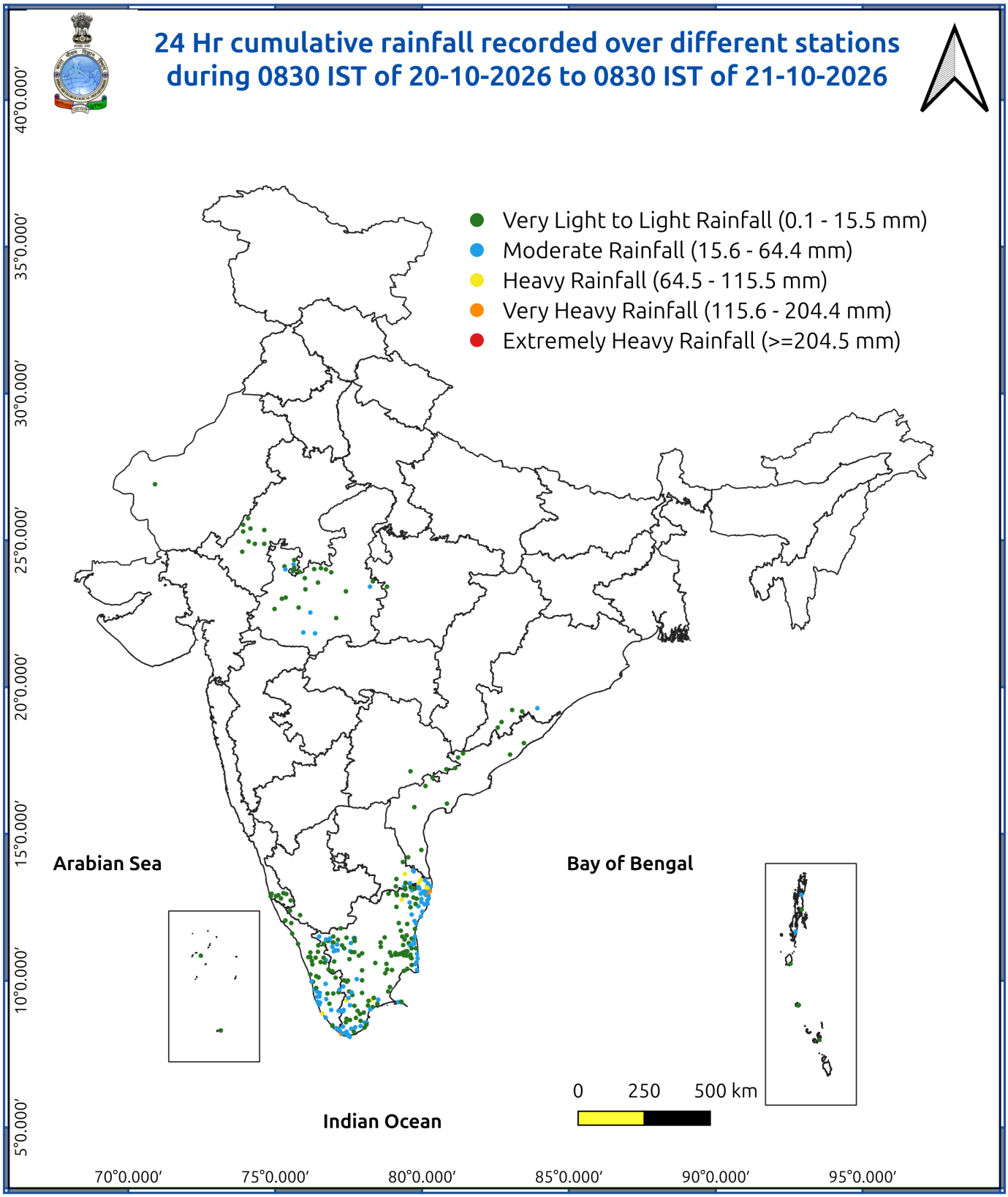


Fig. 4: Departure of Minimum Temp. Dated 2026-10-21




24 Hr cumulative rainfall recorded over different stations during 0830 IST of 20-10-2026 to 0830 IST of 21-10-2026
Very Light to Light Rainfall (0.1 - 15.5 mm)
Moderate Rainfall (15.6 - 64.4 mm)
Heavy Rainfall (64.5 - 115.5 mm)
Very Heavy Rainfall (115.6 - 204.4 mm)
Extremely Heavy Rainfall (>=204.5 mm)
Arabian Sea
Bay of Bengal
Indian Ocean
0 250 500 km
40°0.000′
35°0.000′
30°0.000′
25°0.000′
20°0.000′
15°0.000′
10°0.000′
5°0.000′
70°0.000′
75°0.000′
80°0.000′
85°0.000′
90°0.000′
95°0.000′

Impace and Actions

Impact Expected and Action Suggested due to very heavy / heavy rainfall:

- **Isolated very heavy rainfall** likely over Tamil Nadu, Puducherry & Karaikal during 21st-25th October; Kerala & Mahe during 21st-22nd October and during 24th-25th October; Lakshadweep during 23rd-24th Octo**ber.**
- **Isolated heavy rainfall** likely over Tamil Nadu, Puducherry & Karaikal on 26th October; Kerala & Mahe on 23rd October and during 26th-27th October; Lakshadweep during 21st-22nd October and on 25th October; South Interior Karnataka during 22nd-25th October; Coastal Andhra Pradesh & Yanam and Rayalaseema on 21st October.

Impact expected:

- Breaking of tree branches, uprooting of small trees like banana, papaya, drum sticks. Strong wind and rain may damage plantation, horticulture and standing crops.
- Partial damage to vulnerable structures due to strong winds and rain.
- Minor damage to kutcha houses/walls, huts and roads due to heavy rain.
- Loose objects may fly.
- Small ships, trawlers and boats may be affected.
- Road and rail traffic may be affected due to heavy rain and squally winds.
- There could be localised landslides, mudslides, landslips, water logging, inundation and flooding over low lying areas.
- Occasional reduction in visibility due to heavy rainfall.
- Helicopter services may get affected.

Action suggested:

- People are advised to keep a watch on the weather for worsening conditions and be ready to move to safer places accordingly.
- Take safe shelters; do not take shelter under trees, as there could be lightning.
- In case of expected lightning, unplug electrical/ electronic appliances, immediately, get out of water bodies and keep away from all the objects that conduct electricity.
- Tourism and recreational activities to be regulated.
- Onshore and offshore activities to be judiciously regulated.
- Helicopter services to be regulated.

Agromet advisories for various parts of the country

Agromet advisories for likely impact of Heavy Rainfall

- In **Tamil Nadu**, drain excess water from paddy, banana, cotton, turmeric, sugarcane and tapioca fields to prevent waterlogging. Keep the harvested produce of paddy and groundnut in safe places. Postpone fertilizer application, pesticide spraying and intercultural operations during rainfall.
- In **Keralam**, ensure proper drainage in paddy, coconut, vegetables, ginger, banana field.Provide mechanical support to banana and papaya plants and stake young plants to avoidlodging. Monitor paddy for blast and sheath rot under wetconditions. Postpone fertilizer application and plant-protection operations during rainfall.
- In **Coastal Andhra Pradesh**, make necessary arrangement for drainage in standing crops, particularly rice, maize, finger millet, groundnut and vegetables. Provide mechanical support to horticultural crops and stake vegetables against strong winds. Harvest mature groundnut and maize during suitable dry intervals and store the produce safely. Postpone fertilizer application, pesticide spraying and intercultural operations during heavy rainfall.
- In **Rayalaseema**, ensure adequate drainage in crop fields and provide mechanical support to horticultural crops and staking to vegetables to minimise lodging due to strong winds. Suspend fertilizer application, pesticide spraying and other field operations during heavy rain and thunderstorms.
- In **Andman and Nicobar** Islands, harvest mature rice and keep the harvested produce in covered shaded and

well ventilated and dry place. Make necessary arrangements to drain out excess rain water from rice, black papper plantation and clean drainage channels to prevent water stagnation around the base of coconut palms.

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.

Advisories for likely impact of Heavy Rainfall for Livestock / Poultry / Fisheries

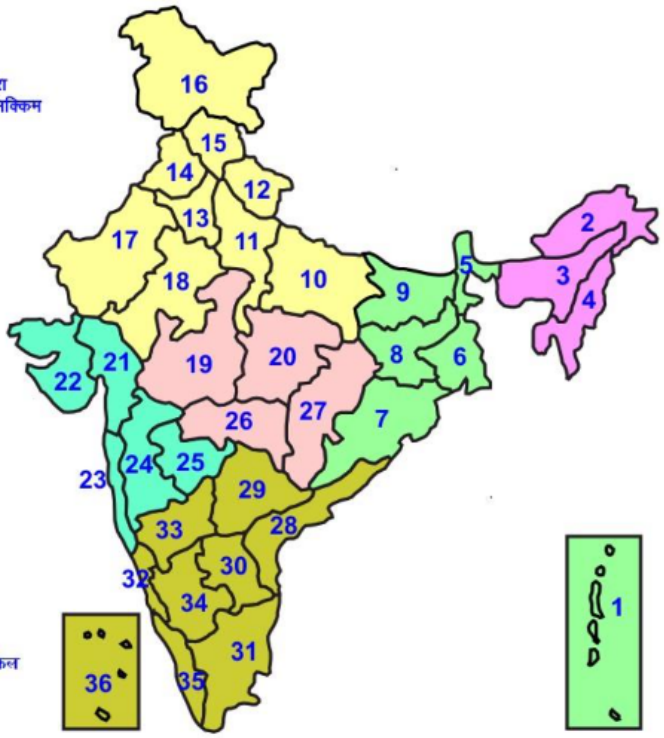
- Keep the animals inside the shed during heavy rainfall and provide them balanced feed.
- Store the feed and fodder in a safe place to prevent spoilage.
- Construct an outlet with proper netting around the ponds to drain excess water, thereby preventing fish from escaping in the event of overflow.

Legends & abbreviations:

- **Heavy Rain:**64.5115.5mm; **Very Heavy Rain:**115.6204.4mm; **Extremely Heavy Rain:** >204.4mm.
- **Obsy:** Observatory; Automatic Weather Station; **ARG:** Automatic Rain Gauge; **dist:** District: **NH:** National Highway; **KVK**: Krishi Vigyan Kendra; **DVC:** Damodar Valley Corporation; **PTO**: Part Time Office, **Aero:** Aerodrome, **IAF:** Indian Air Force.
- **Region wise classification of meteorological Sub-Divisions:**
- **Northwest India:** Western Himalayan Region (Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh and Uttarakhand); Punjab, Haryana Chandigarh & Delhi; West Uttar Pradesh, East Uttar Pradesh, West Rajasthan and East Rajasthan.
- **Central India:** West Madhya Pradesh, East Madhya Pradesh, Vidarbha and Chhattisgarh.
- **East India:** Bihar, Jharkhand, Sub-Himalayan West Bengal & Sikkim; Gangetic West Bengal, Odisha and Andaman & Nicobar Islands.
- **Northeast India:** Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.
- **West India:** Gujarat Region, Saurashtra & Kutch, Coastal Maharashtra (Konkan) & Goa, Madhya Maharashtra and Marathawada.
- **South India:** Coastal Andhra Pradesh & Yanam, Telangana, Rayalaseema, Coastal Karnataka, North Interior Karnataka, South Interior Karnataka, Kerala & Mahe, Tamil Nadu, Puducherry & Karaikal and Lakshadweep.

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 एंवम् सिक्किम
6 पश्चिम गांगेय बंगाल
7 ओडिसा
8 झारखंड
9 बिहार
10 पूर्वी उत्तर प्रदेश
11 पश्चिम उत्तर प्रदेश
12 उत्तराखंड
13 हरियाणा चंडिगढ़ एंवम् दिल्ली
14 पंजाब
15 हिमाचल प्रदेश
16 जम्मू एवंम कश्मीर एवंम लद्दाख
17 पश्चिम राजस्थान
18 पूर्वी राजस्थान
19 पश्चिम मध्य प्रदेश
20 पूर्वी मध्य प्रदेश
21 गुजरात क्षेत्र
22 सौराष्ट्र एंवम् कच्छ
23 कोंकण एंवम् गोवा
24 मध्य महाराष्ट्र
25 मराठावाडा
26 विदर्भ
27 छत्तीसगढ़
28 तटीय आंध्र प्रदेश एवं यनम
29 तेलंगाना
30 रायलसीमा
31 तमिलनाडु ,पुदुचेरी एवंम कराईकल
32 तटिय कर्नाटक
33 आंतरिक उत्तरी कर्नाटक
34 आंतरिक दक्षिणी कर्नाटक
35 केरल एवंम 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 Rajsthan
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 Widespred (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
Hailstrom
Dust Strom
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
For more details kindly visit https://mausam.imd.gov.in or contact 011-2434-4599
(Service to the nation since 1875)

LEGENDS

WARNING

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

Probabilistic Forecast

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

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 ≥40° C for plains and ≥30° 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 ≥6.5° C

(b). Based on Actual maximum temperature

Heat Wave: When actual maximum temperature ≥45°C.
Severe Heat Wave: When actual maximum temperature ≥47°C

(c). Criteria for heat wave for coastal stations

When maximum temperature departure is >4.5°C from normal. Heat Wave may be described provided maximum temperature ≥37°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 °C.

Cold Wave

When minimum temperature of a station ≤10°C for plains and ≤0°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 ≤ -6.5 °C

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

Cold Wave : When Minimum Temperature is ≤ 4.0 °C
Severe Cold Wave: When Minimum Temperature is ≤ 2.0 °C

(c) For Coastal Stations

When Minimum Temperature departure is ≤-4.5 °C & actual Minimum Temperature is ≤ 15 °C

Cold Day

When minimum temperature of a station ≤10°C for plains and ≤0°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 ≤ -6.5 °C

Fog

Phenomenon of small droplets suspended in air and the horizontal visibility < 1km

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 ≤4°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 Strom: Wind speed >220 kmph (>119 knots)