2025-10-06
Time of Issue: 09:10:00 hours IST
(Morning)

ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN

Significant Weather Features

Weather systems and warnings:

East India:

Isolated heavy rainfall over Sub-Himalayan West Bengal & Sikkim on 06th October.

Light to moderate rainfall/thunderstorm at most/many places with isolated thunderstorm & gusty winds (speed reaching 30-40 kmph) very likely over East India during next 3-4 days.

Northwest India:

Fairly widespread to widespread rainfall accompanied with thunderstorm, lightning & gusty wind (speed reaching 30-50 kmph) very likely over Northwest India during 06th-07th October.

Isolated heavy rainfall likely over Jammu-Kashmir-Ladakh, West Rajasthan, Himachal Pradesh, Punjab on 06th; Uttarakhand on 06th & 07th; Haryana Chandigarh, West Uttar Pradesh, East Rajasthan on 06th; with very heavy rainfall over Jammu-Kashmir, Himachal Pradesh, Uttarakhand, Punjab, Haryana Chandigarh on 06th October.

Isolated hailstorm activity is also likely over Punjab, Haryana, Chandigarh, West Uttar Pradesh, Uttarakhand & Rajasthan on 06th October.

Northeast India:

Light/moderate rain/thunderstorm at many/some places with isolated heavy rainfall likely over Arunachal Pradesh on 06th & 10th; Assam & Meghalaya during 06th-10th and Nagaland during 06th -11th; Manipur on 08th & 09th; Mizoram on 08th October with very heavy rainfall over Arunachal Pradesh on 05th October.

South Peninsular India:
Light to moderate rain/thunderstorm at many/some places with isolated heavy rainfall likely over Tamil Nadu, during 06th-09th; South Interior Karnataka during 08th-10th and Kerala on 08th & 09th October.

Strong surface winds (speed reaching 30-40 kmph) over Coastal Andhra Pradesh & Yanam & Rayalaseema during next 5 days; Kerala & Lakshadweep on 06th October.

Thunderstorm with gusty wind (speed reaching 30-40 kmph) over interior Karnataka, Tamil Nadu, Kerala, Coastal Andhra Pradesh & Yanam, Rayalaseema and Telangana during 06th – 09th October.

Main Weather Observations:

❖ **Rainfall distribution** (from 0830 hours IST of yesterday to 0530 hours IST of today): **at most places** over Odisha, Assam & Meghalaya, Gangetic West Bengal, Uttarakhand, Arunachal Pradesh, Punjab, Himachal Pradesh, West Rajasthan, Chhattisgarh, Marathawada, Telangana and South Interior Karnataka; **at many places** over Jharkhand, Nagaland, Manipur, Mizoram & Tripura, Bihar, East Uttar Pradesh, Haryana Chandigarh & Delhi, Jammu & Kashmir and Ladakh, East Rajasthan, East Madhya Pradesh, Andaman & Nicobar Islands, Saurashtra & Kutch, West Madhya Pradesh, Coastal Andhra Pradesh & Yanam, Konkan & Goa , Vidarbha, Rayalaseema, Gujarat Region, Tamilnadu Puducherry & Karaikal and North Interior Karnataka; **Dry** over rest of the country.

❖ **Significant rainfall recorded(in cm)** (from 0830 hours IST of yesterday to 0530 hours IST of today): **Odisha**: Puri (dist Puri) 7; Assam & meghalaya: Dhubri (dist Dhubri) 7; West madhya pradesh: Bhopal-arera Hills (dist Bhopal) 6; Coastal andhra pradesh & yanam: Ongole (dist Prakasam) 6.

❖ **Heavy Rainfall observed** (from 0830 hours IST of yesterday to 0530 hours IST of today):**Heavy rain** at isolated places over Assam & Meghalaya and Odisha

❖ **Minimum Temperature Departures (as on 05-10-2025): markedly above normal(> 5.1°C)** at isolated places over Assam & Meghalaya, Odisha, Bihar, West Uttar Pradesh, Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad and West Madhya Pradesh. **appreciably above normal(3.1°C to 5.0°C)** at few places over West Rajasthan, East Madhya Pradesh and Saurashtra & Kutch; at isolated places over Sub Himalayan West Bengal & Sikkim, East Uttar Pradesh, Himachal Pradesh, East Rajasthan, Gujarat Region, Madhya Maharashtra and Coastal Andhra Pradesh & Yanam. **above normal(1.6°C to 3.0°C)** at many places over Haryana-Chandigarh-Delhi; at few places over Marathwada, Vidarbha, Rayalaseema and Lakshadweep; at isolated places over Nagaland, Manipur, Mizoram & Tripura, Gangetic West Bengal, Jharkhand, Chhattisgarh, Telangana, Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe. **near normal(-1.5°C to 1.5°C)** at most places over Andaman & Nicobar Islands, Uttarakhand, Punjab, Konkan & Goa, Coastal Karnataka, North Interior Karnataka and South Interior Karnataka; at few places over Arunachal Pradesh. **The lowest minimum temperature** of 14.4°C is reported at UNA (HIMACHAL PRADESH) over the Plains of India.

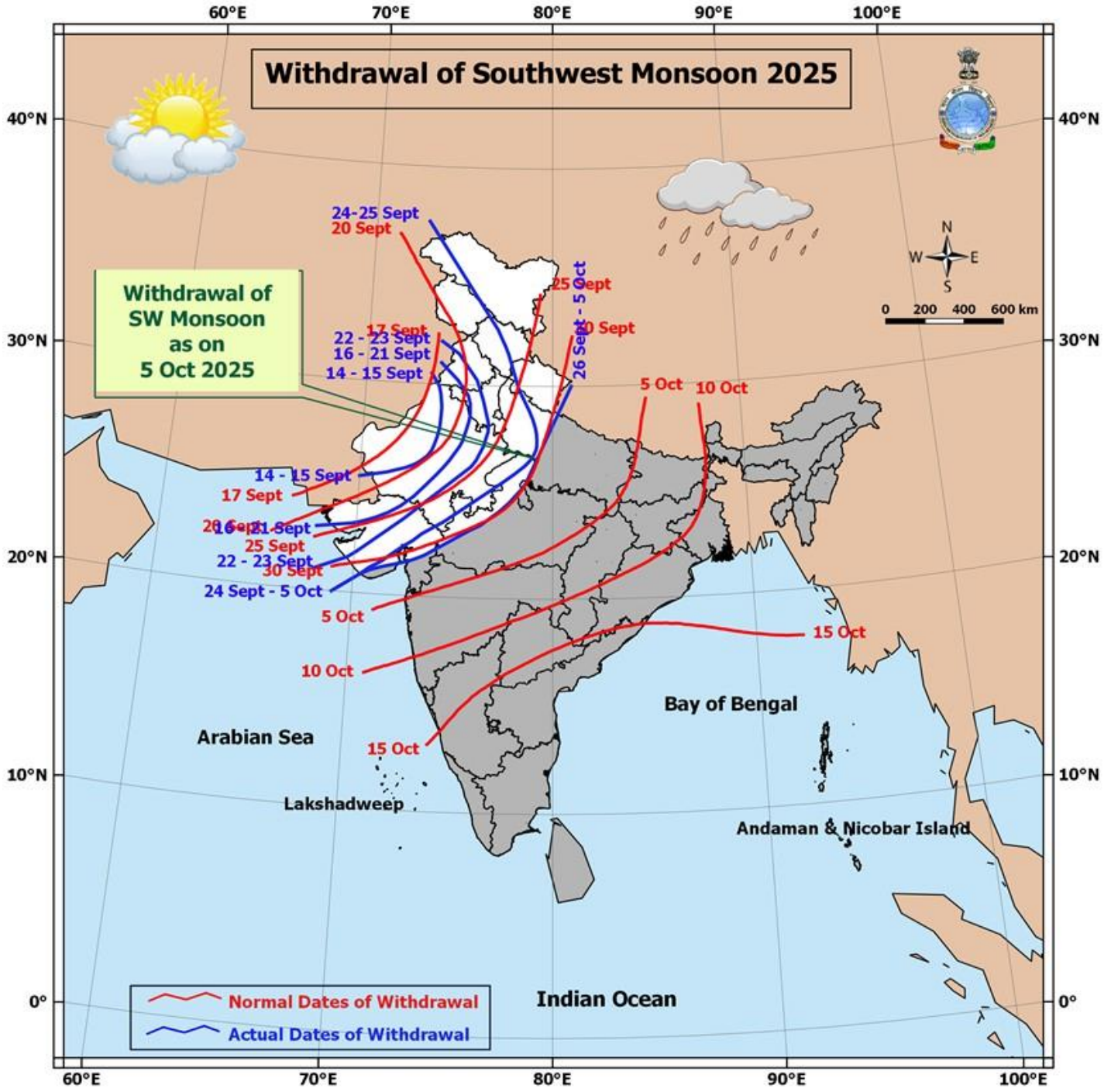
❖ **Maximum Temperature Departures (as on 05-10-2025): markedly above normal(> 5.1°C)** at isolated places over Coastal Andhra Pradesh & Yanam. **appreciably above normal(3.1°C to 5.0°C)** at few places over Uttarakhand; at isolated places over Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad. **above normal(1.6°C to 3.0°C)** at few places over Haryana-Chandigarh-Delhi, South Interior Karnataka, Kerala & Mahe and Lakshadweep; at isolated places over Assam & Meghalaya, West Uttar Pradesh, Punjab, Himachal Pradesh, Vidarbha, Rayalaseema and Tamil Nadu, Puducherry & Karaikal. **near normal(-1.5°C to 1.5°C)** at many places over Konkan & Goa, Madhya Maharashtra, Marathwada, Chhattisgarh and North Interior Karnataka; at most places over Nagaland, Manipur, Mizoram & Tripura, East Uttar Pradesh and Coastal Karnataka; at few places over Andaman & Nicobar Islands, West Rajasthan, East Rajasthan, East Madhya Pradesh and Telangana; at isolated places over Odisha, Jharkhand, West Madhya Pradesh, Gujarat Region and Saurashtra & Kutch. **The highest maximum temperature** of 38.1°C is reported at NELLORE (ANDHRA PRADESH).

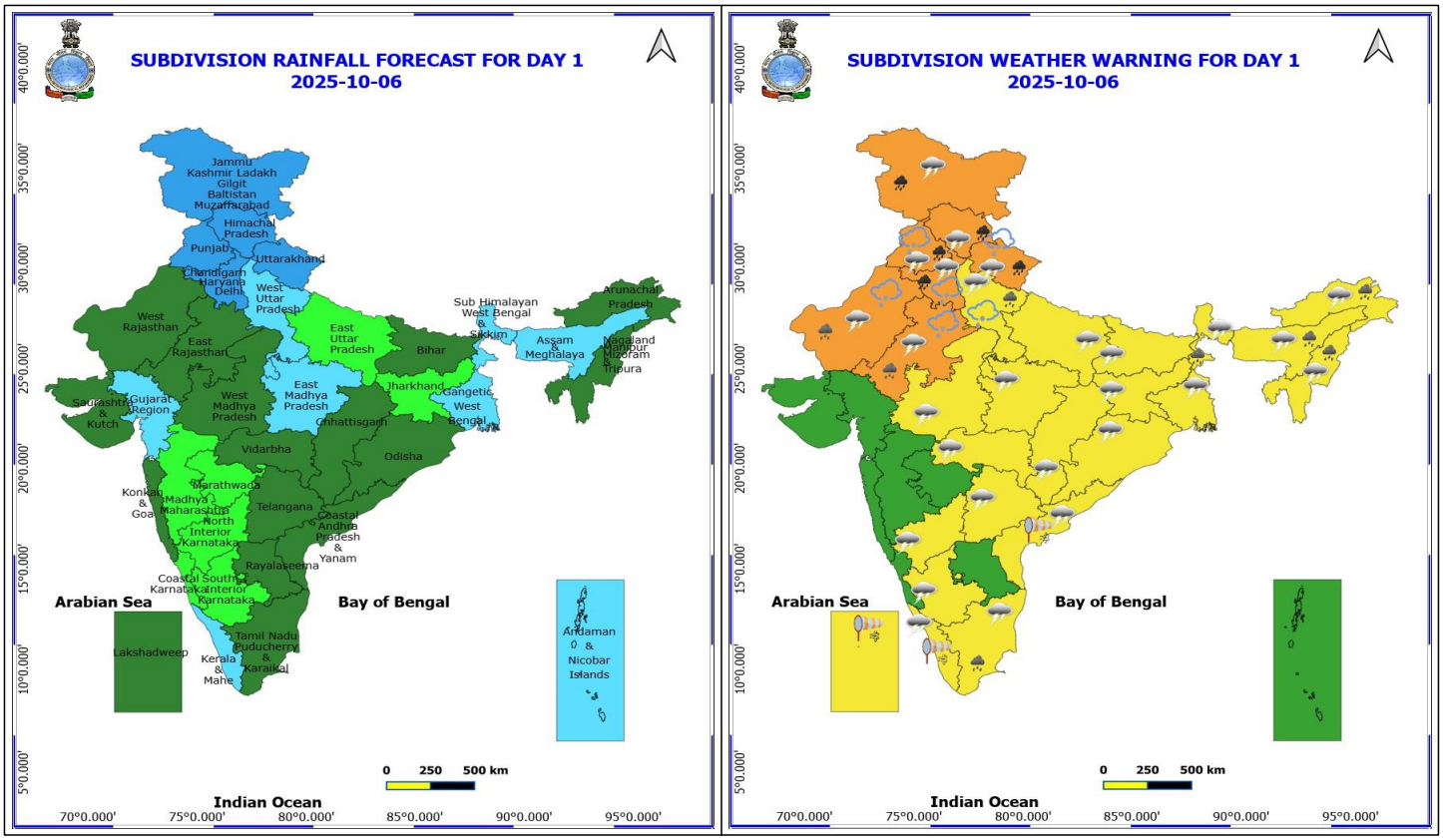
Meteorological Analysis (Based on 0530 hours IST)

- The **line of withdrawal of southwest monsoon** continues to pass through 20°N/ 69°E, Veraval, Bharuch, Ujjain, Jhansi, Shahjahanpur and 30°N/81°E.
- Conditions are favourable for further withdrawal of southwest monsoon from some more parts of Madhya Pradesh and Uttar Pradesh and some parts of Maharashtra during next 4-5 days.
- The **severe cyclonic storm "Shakhti" [Pronunciation: Shakhti]** over westcentral and adjoining northwest Arabian Sea moved nearly southwards with a speed of 5 kmph during last 6 hours, weakened into a Cyclonic Storm and lay centered at 0530 hrs IST of today, the 6th October, 2025 over the same region, near latitude 19.6°N and longitude 60.4°E, about 200 km southeast of Masirah (Oman), 310 km south- southeast of Ras Al Hadd (Oman), 910 km southwest of Karachi (Pakistan), 950 km west-southwest of Dwarka and 970 km west-southwest of Naliya. It is likely to move east-southeastwards over westcentral & adjoining northwest Arabian Sea and weaken into a depression by the morning of 7th October.
- The **Western Disturbance** seen as a cyclonic circulation over north Afghanistan & neighbourhood between 3.1 & 5.8 km above mean sea level with a trough aloft in upper tropospheric westerlies with its axis at 7.6 km above mean sea level roughly along Long. 67°E to the north Lat. 27°N persists.
- The **cyclonic circulation** over northeast Bihar & neighbourhood extending upto 4.5 km above mean sea level persists.
- The **upper air cyclonic circulation** over southwest Bay of Bengal off south Tamil Nadu coast at 3.1 km above mean sea level persists.
- The **trough** from north Bihar & neighbourhood to north Odisha across Jharkhand at 1.5 km above mean sea level persists.
- The **trough** from coastal Andhra Pradesh to Comorin area across Rayalaseema and Tamil Nadu at 0.9 km above mean sea level persists.

Weather Outlook for subsequent 3 days

- Fairly widespread to widespread rainfall activity is likely over Northeast India.
- Isolated to scattered rainfall activity likely over West & East India.


Withdrawal of Southwest Monsoon 2025
Withdrawal of SW Monsoon as on 5 Oct 2025
24-25 Sept
20 Sept
25 Sept
26 Sept - 5 Oct
30 Sept
22 - 23 Sept
16 - 21 Sept
14 - 15 Sept
5 Oct
10 Oct
14 - 15 Sept
17 Sept
16 - 21 Sept
25 Sept
22 - 23 Sept
30 Sept
24 Sept - 5 Oct
5 Oct
10 Oct
15 Oct
15 Oct
Bay of Bengal
Arabian Sea
Lakshadweep
Andaman & Nicobar Island
Indian Ocean
Normal Dates of Withdrawal
Actual Dates of Withdrawal
N
W
E
S
0 200 400 600 km
60°E
70°E
80°E
90°E
100°E
40°N
30°N
20°N
10°N
0°



6 October (Day 1)

❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Haryana, Chandigarh & Delhi, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Punjab and Uttarakhand.

❖ **Heavy Rainfall** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram and Tripura, Rajasthan, Sub Himalayan West Bengal & Sikkim, Tamil Nadu Puducherry & Karaikal and West Uttar Pradesh.

❖ **Thunderstorm accompanied with Hailstorm** very likely at isolated places over Haryana, Chandigarh & Delhi, Punjab, Rajasthan, Uttarakhand and West Uttar Pradesh.

❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Haryana, Chandigarh & Delhi, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Punjab and Uttarakhand.

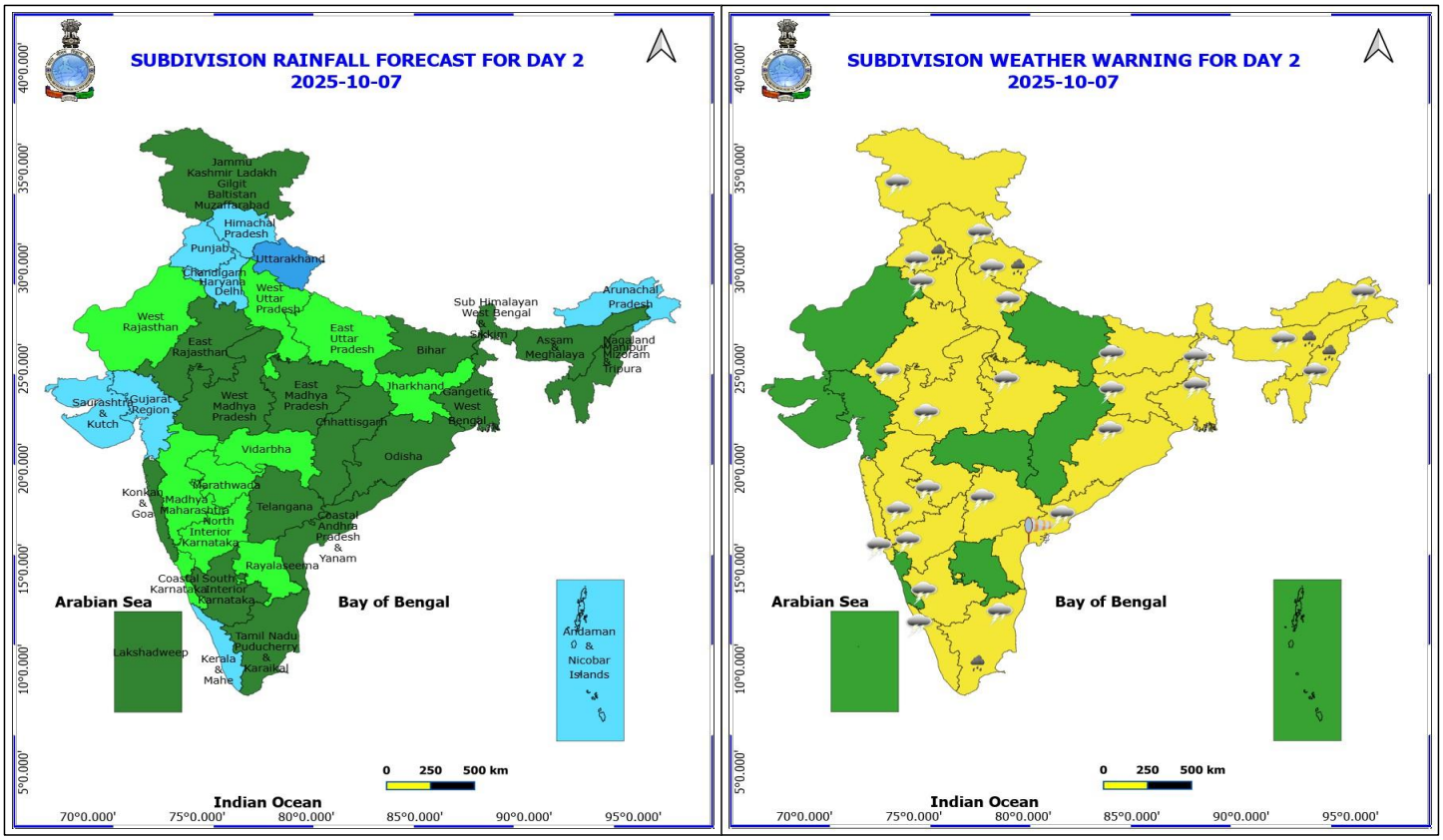
❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Bihar, Coastal Andhra Pradesh, Interior Karnataka, Jharkhand, Kerala & Mahe, Odisha, Rajasthan, Telangana, West Bengal & Sikkim and West Uttar Pradesh.

❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, East Uttar Pradesh, Madhya Pradesh, Nagaland, Manipur, Mizoram and Tripura, Tamil Nadu Puducherry & Karaikal and Vidarbha.

❖ **Strong Surface Winds** very likely at isolated places over Coastal Andhra Pradesh, Kerala & Mahe and Lakshadweep.

Squally weather with wind speed reaching 40 - 50 kmph gusting to 60 kmph likely to prevail along and off Somalia,

Oman coast, many parts of westcentral adjoining sea area, along and off Kerala, Lakshadweep, Comorin area.
Squally weather with wind speed reaching 45 - 55 kmph gusting to 65 kmph likely to prevail over some parts of westcentral and northwest Arabian sea.
Squally weather with wind speed reaching 50 - 60 kmph gusting to 70 kmph likely to prevail over some parts of westcentral and northwest Arabian sea.
CS with gale winds with speed reaching 60- 80 kmph gusting to 90 kmph likely to prevail over some parts of westcentral and northwest Arabian sea.



7 October (Day 2)

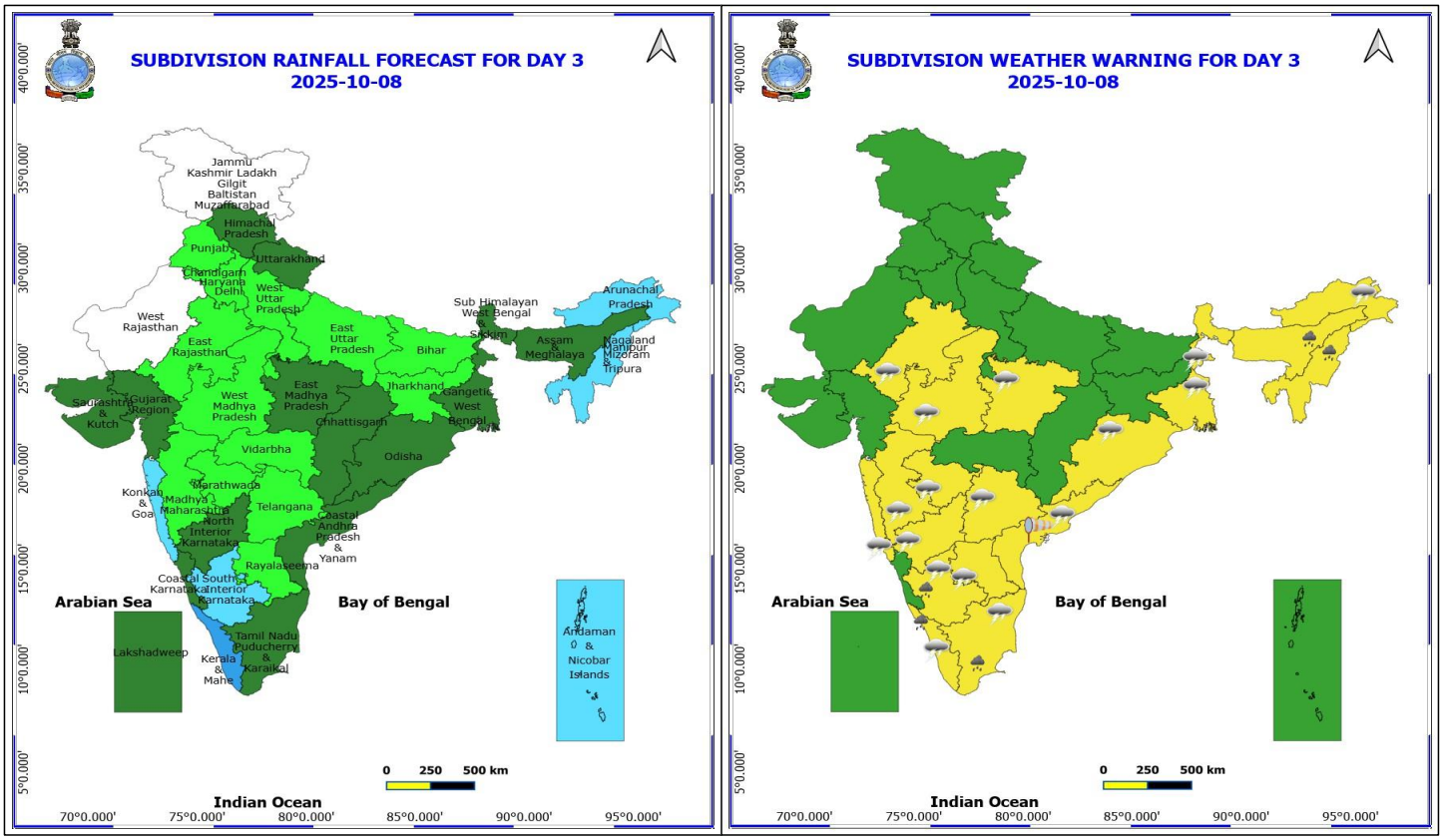
❖ **Heavy Rainfall** very likely at isolated places over Assam & Meghalaya, Nagaland, Manipur, Mizoram and Tripura, Punjab, Tamil Nadu Puducherry & Karaikal and Uttarakhand.

❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Bihar, Coastal Andhra Pradesh, East Rajasthan, Haryana, Chandigarh & Delhi, Himachal Pradesh, Interior Karnataka, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, Kerala & Mahe, Odisha, Punjab, Telangana, Uttarakhand, West Bengal & Sikkim and West Uttar Pradesh.

❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Konkan & Goa, Madhya Maharashtra, Madhya Pradesh, Marathwada, Nagaland, Manipur, Mizoram and Tripura and Tamil Nadu Puducherry & Karaikal.

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

Squally weather with wind speed reaching 40 - 50 kmph gusting to 60 kmph likely to prevail many parts of westcentral & northwest Arabian Sea.
Squally weather with wind speed reaching 45 - 55 kmph gusting to 65 kmph likely to prevail over some parts of westcentral and northwest Arabian sea.
Squally weather with wind speed reaching 50 - 60 kmph gusting to 70 kmph likely to prevail over over some parts of westcentral and northwest Arabian sea.



8 October (Day 3)

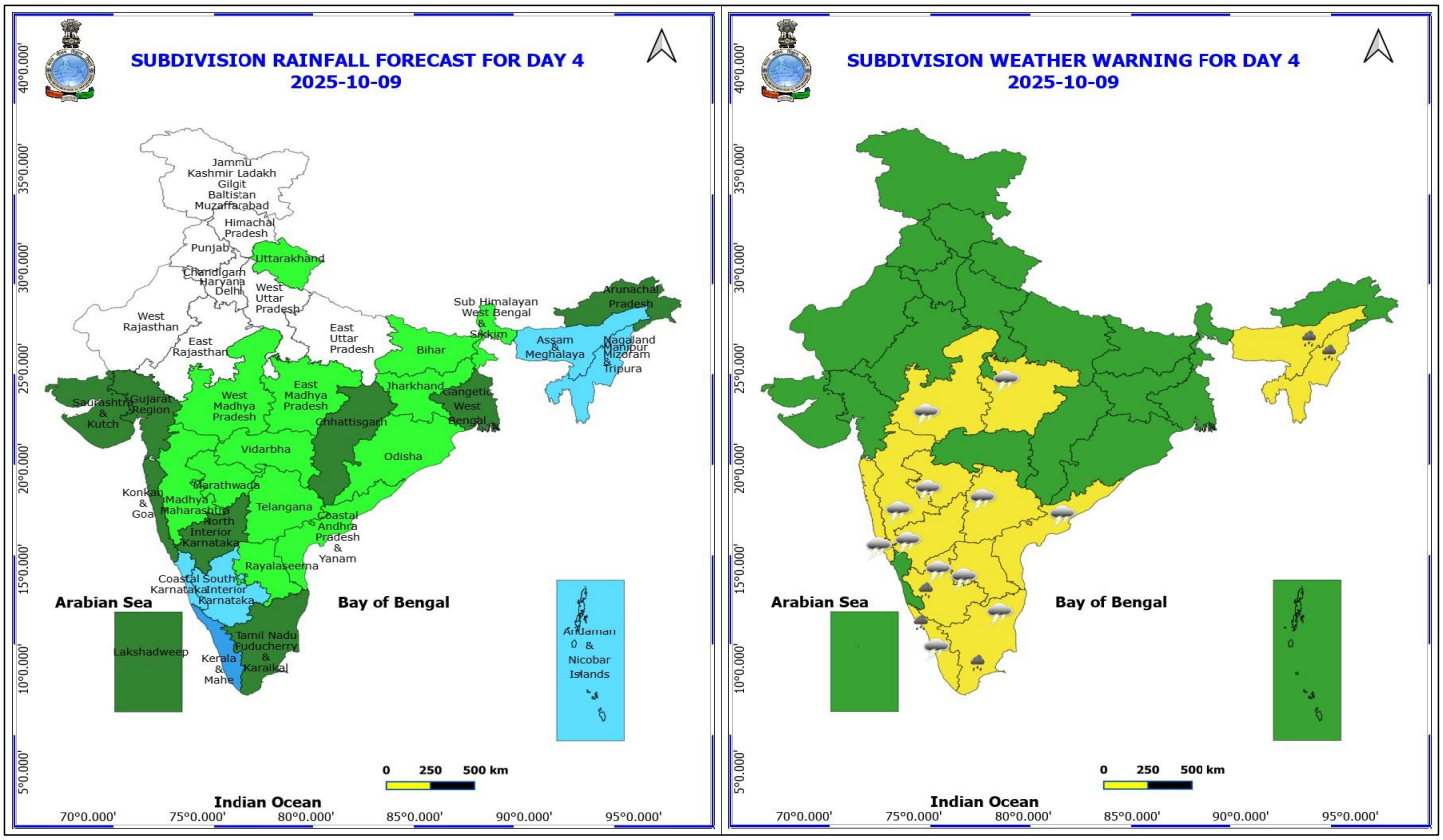
❖ **Heavy Rainfall** very likely at isolated places over Assam & Meghalaya, Kerala & Mahe, Nagaland, Manipur, Mizoram and Tripura, South Interior Karnataka and Tamil Nadu Puducherry & Karaikal.

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

❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Arunachal Pradesh, East Rajasthan, Konkan & Goa, Madhya Maharashtra, Madhya Pradesh, Marathwada, Rayalaseema and Tamil Nadu Puducherry & Karaikal.

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

Squally weather with wind speed reaching 40 - 50 kmph gusting to 60 kmph likely to prevail along and off Oman coasts, some parts of northwest, westcentral Arabian Sea.



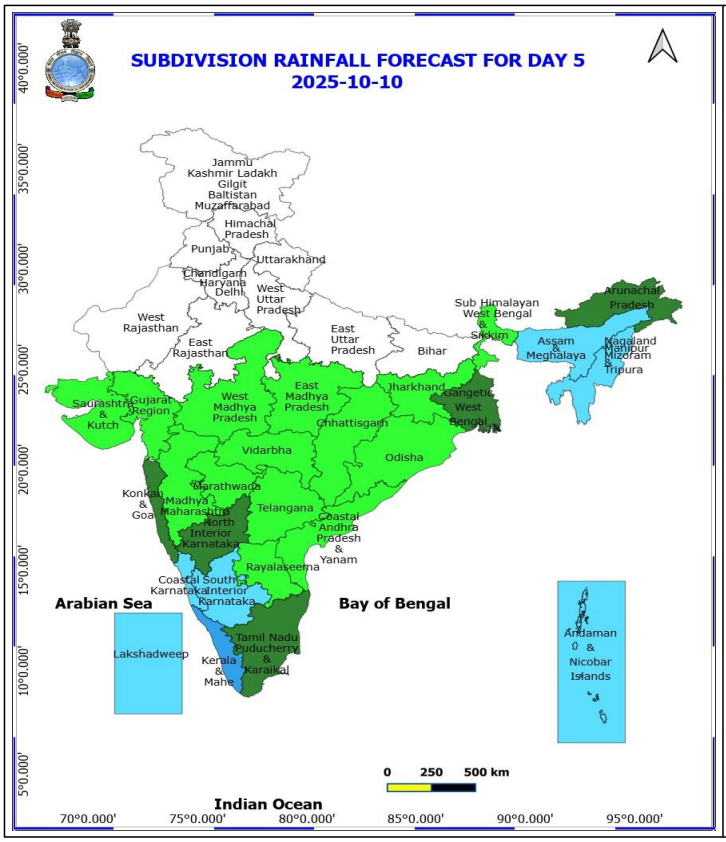
9 October (Day 4)

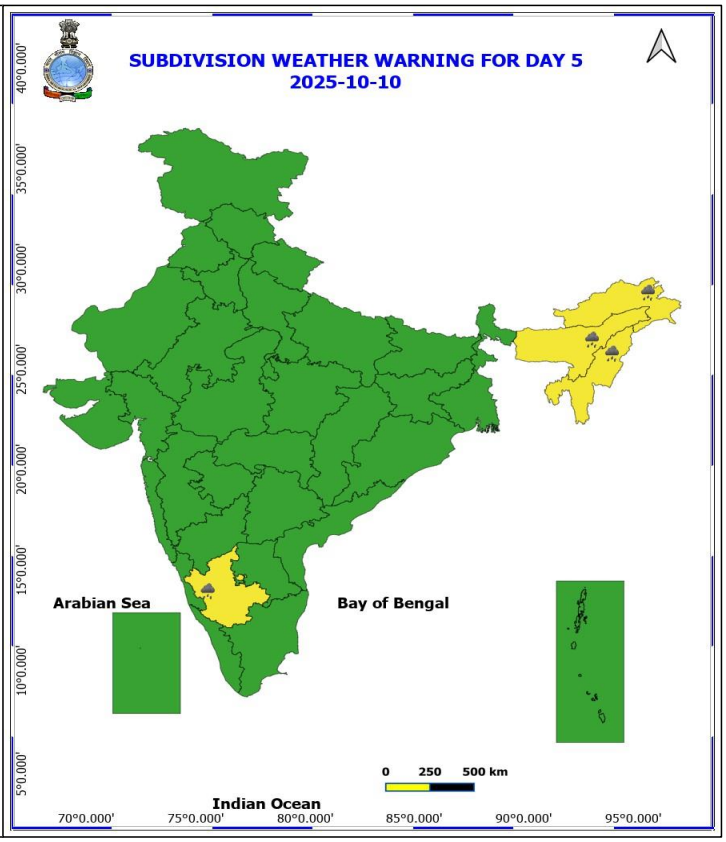
❖ **Heavy Rainfall** likely at isolated places over Assam & Meghalaya, Kerala & Mahe, Nagaland, Manipur, Mizoram and Tripura, South Interior Karnataka and Tamil Nadu Puducherry & Karaikal.

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

❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Konkan & Goa, Madhya Maharashtra, Madhya Pradesh, Marathwada, Rayalaseema and Tamil Nadu Puducherry & Karaikal.

No Fishermen Warning

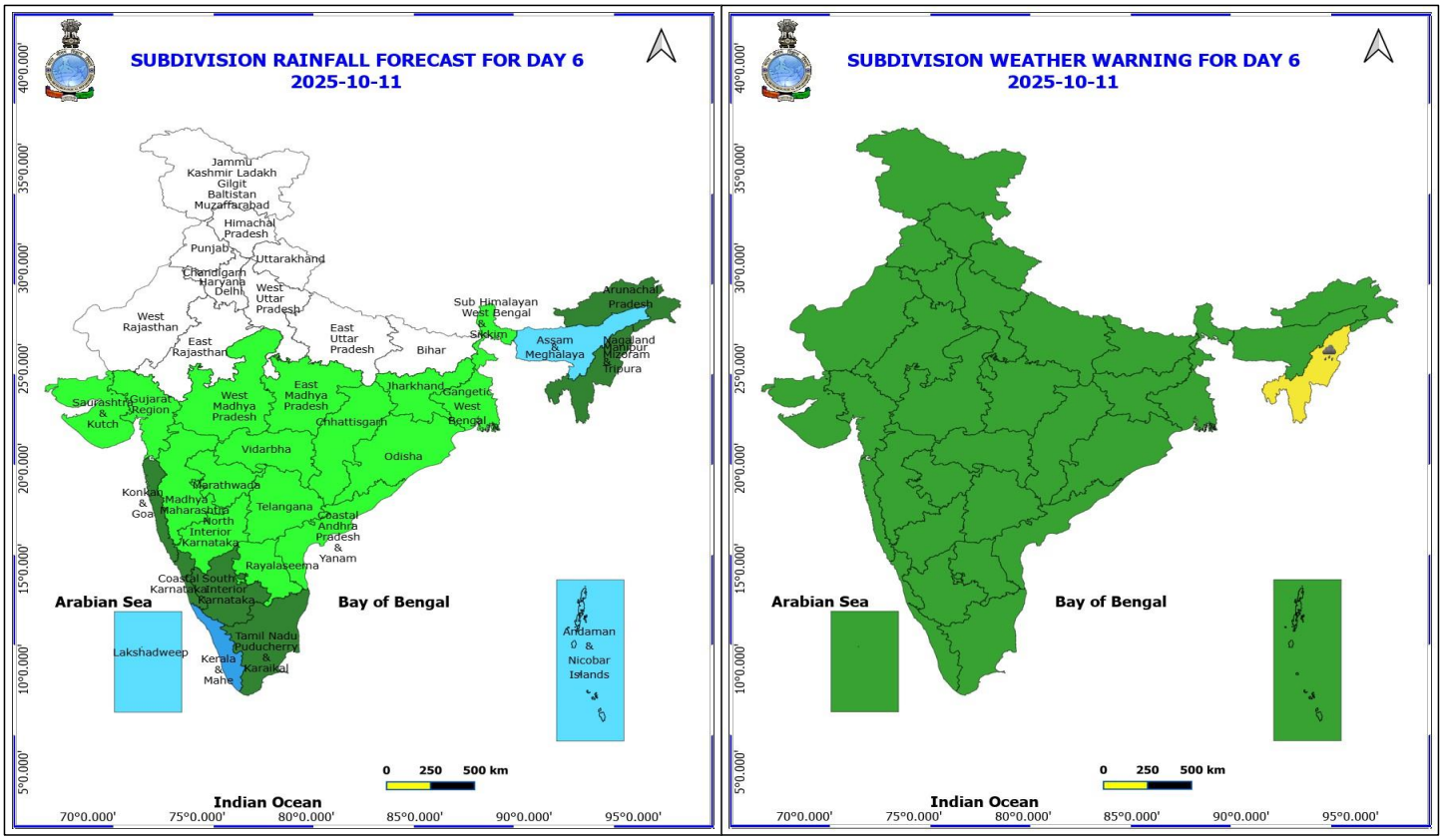




10 October (Day 5)

❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram and Tripura and South Interior Karnataka.

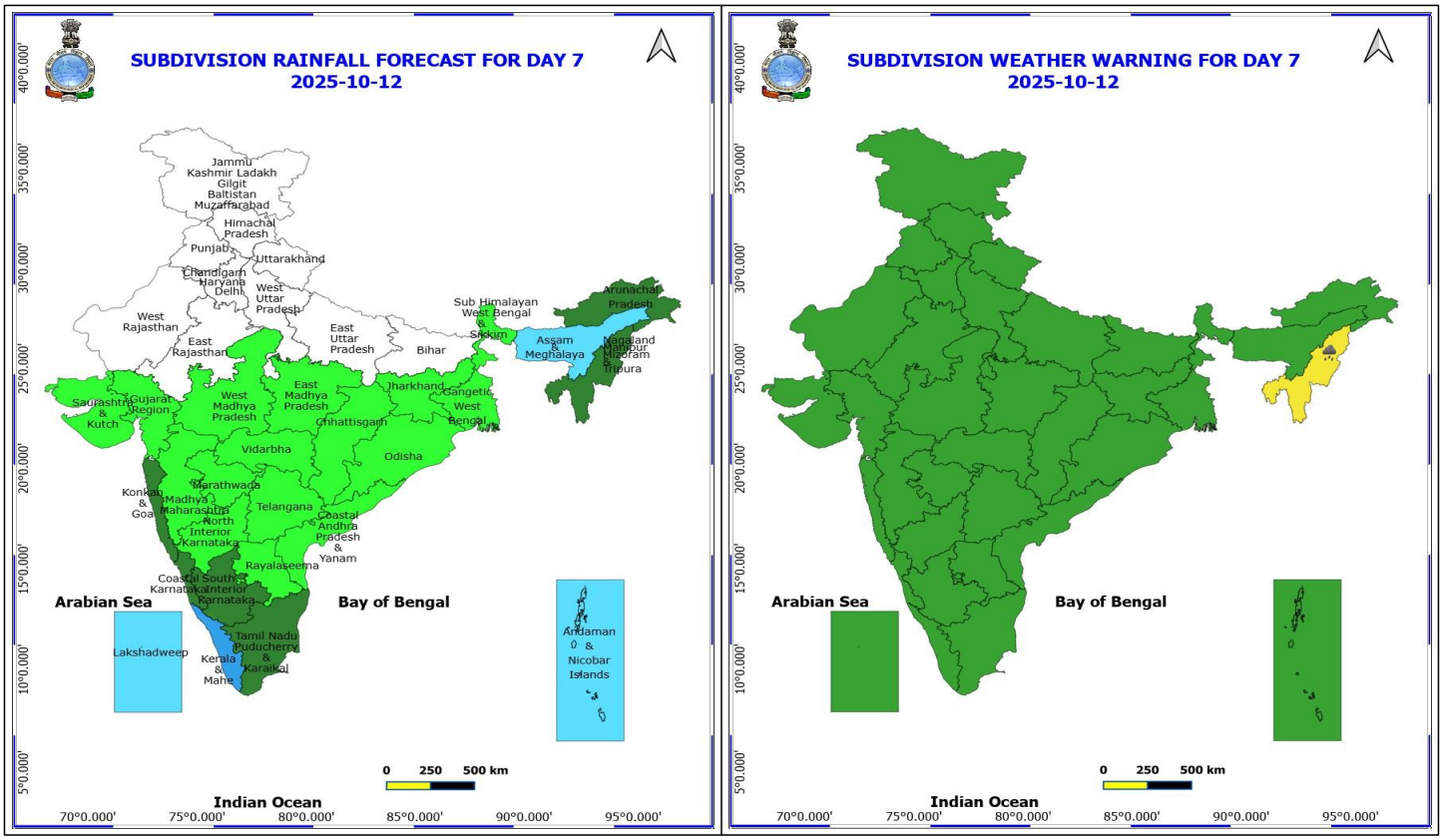
No Fishermen Warning



11 October (Day 6)

❖ **Heavy Rainfall** likely at isolated places over Nagaland, Manipur, Mizoram and Tripura.

No Fishermen Warning



12 October (Day 7)

❖ **Heavy Rainfall** likely at isolated places over Nagaland, Manipur, Mizoram and Tripura.

No Fishermen Warning

Table-1

7 Days Rainfall Forecast

S.No.	Subdivision	6- Oct	7- Oct	8- Oct	9- Oct	10- Oct	11- Oct	12- Oct
		Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
1	ANDAMAN & NICOBAR ISLANDS	FWS	FWS	FWS	FWS	FWS	FWS	FWS
2	ARUNACHAL PRADESH	SCT	FWS	FWS	SCT	SCT	SCT	SCT
3	ASSAM & MEHGHALAYA	FWS	SCT	SCT	FWS	FWS	FWS	FWS
4	N. M. M. & T.	SCT	SCT	FWS	FWS	FWS	SCT	SCT
5	S.H. WEST BENGAL & SIKKIM	FWS	SCT	SCT	ISOL	ISOL	ISOL	ISOL
6	GANGETIC WEST BENGAL	FWS	SCT	SCT	SCT	SCT	ISOL	ISOL
7	ODISHA	SCT	SCT	SCT	ISOL	ISOL	ISOL	ISOL
8	JHARKHAND	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
9	BIHAR	SCT	SCT	ISOL	ISOL	DRY	DRY	DRY
10	EAST UTTAR PRADESH	ISOL	ISOL	ISOL	DRY	DRY	DRY	DRY
11	WEST UTTAR PRADESH	FWS	ISOL	ISOL	DRY	DRY	DRY	DRY
12	UTTARAKHAND	WS	WS	SCT	ISOL	DRY	DRY	DRY
13	HARYANA, CHD & DELHI	WS	FWS	ISOL	DRY	DRY	DRY	DRY
14	PUNJAB	WS	FWS	ISOL	DRY	DRY	DRY	DRY
15	HIMACHAL PRADESH	WS	FWS	SCT	DRY	DRY	DRY	DRY
16	JAMMU AND KASHMIR AND LADAKH	WS	SCT	DRY	DRY	DRY	DRY	DRY
17	WEST RAJASTHAN	SCT	ISOL	DRY	DRY	DRY	DRY	DRY
18	EAST RAJASTHAN	SCT	SCT	ISOL	DRY	DRY	DRY	DRY
19	WEST MADHYA PRADESH	SCT	SCT	ISOL	ISOL	ISOL	ISOL	ISOL
20	EAST MADHYA PRADESH	FWS	SCT	SCT	ISOL	ISOL	ISOL	ISOL
21	GUJRAT REGION	FWS	FWS	SCT	SCT	ISOL	ISOL	ISOL
22	SAURASHTRA & KUTCH	SCT	FWS	SCT	SCT	ISOL	ISOL	ISOL
23	KONKAN & GOA	SCT	SCT	FWS	SCT	SCT	SCT	SCT
24	MADHYA MAHARASHTRA	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
25	MARATHWADA	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
26	VIDARBHA	SCT	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
27	CHATTISGARH	SCT	SCT	SCT	SCT	ISOL	ISOL	ISOL
28	COASTAL ANDHRA PRADESH	SCT	SCT	SCT	ISOL	ISOL	ISOL	ISOL
29	TELANGANA	SCT	SCT	ISOL	ISOL	ISOL	ISOL	ISOL
30	RAYALASEEMA	SCT	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
31	TAMILNADU & PUDUCHERRY	SCT	SCT	SCT	SCT	SCT	SCT	SCT
32	COSTAL KARNATAKA	ISOL	ISOL	SCT	FWS	FWS	SCT	SCT
33	NORTH INTERIOR KARNATAKA	ISOL	ISOL	SCT	SCT	SCT	ISOL	ISOL
34	SOUTH INTERIOR KARNATAKA	ISOL	SCT	FWS	FWS	FWS	SCT	SCT
35	KERALA	FWS	FWS	WS	WS	WS	WS	WS
36	LAKSHDWEEP	SCT	SCT	SCT	SCT	FWS	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 2025-10-05

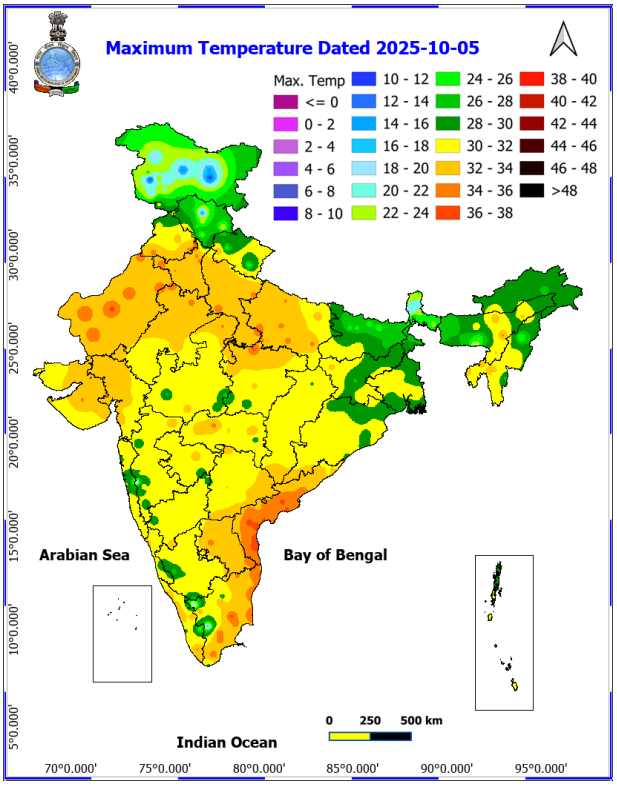


Fig. 2: Departure of Maximum Temp. Dated 2025-10-05

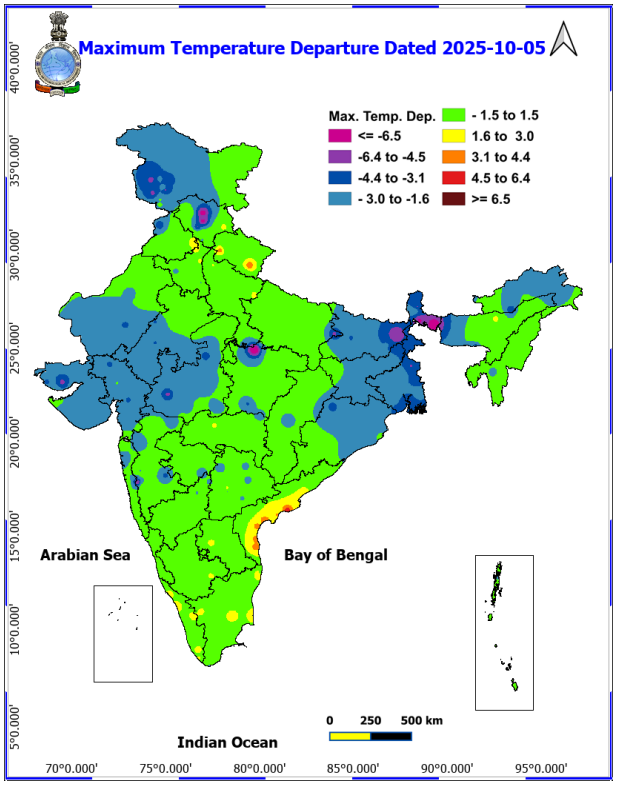


Fig. 3: Minimum Temperatures Dated 2025-10-06

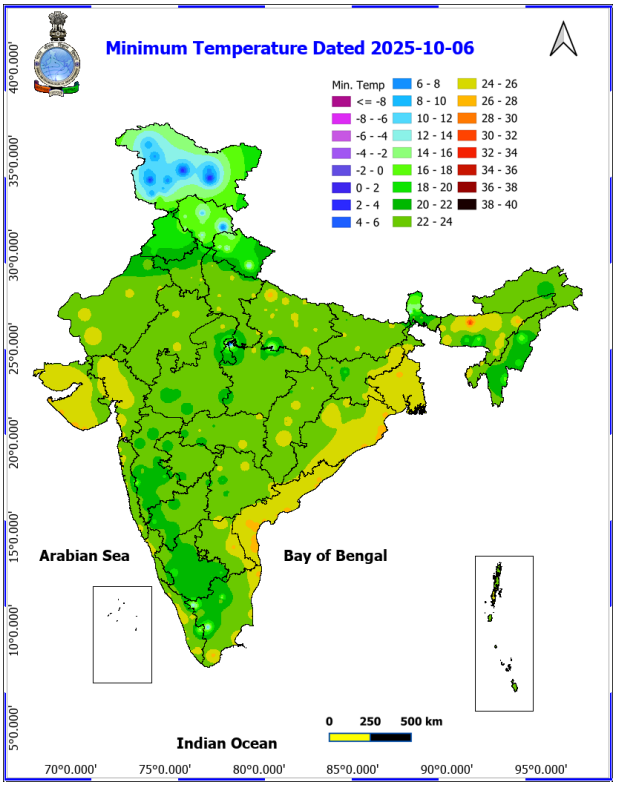
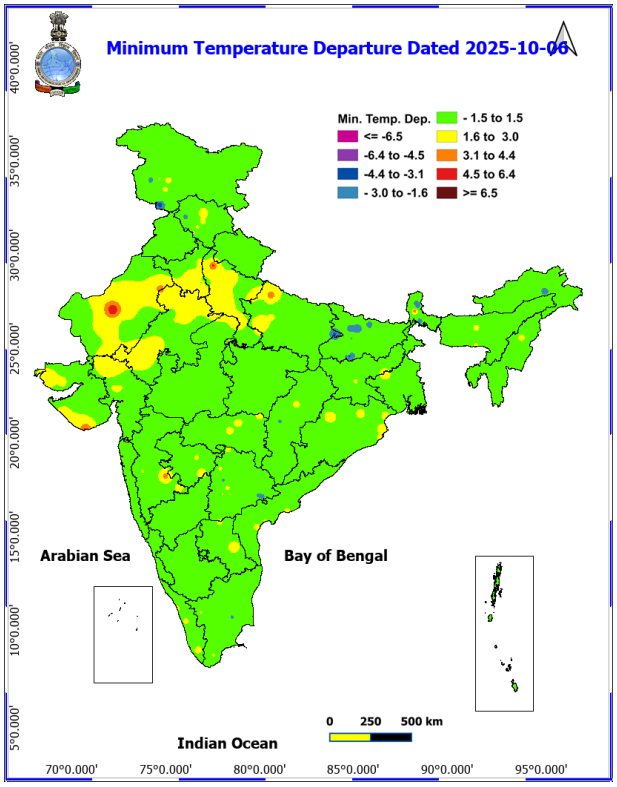
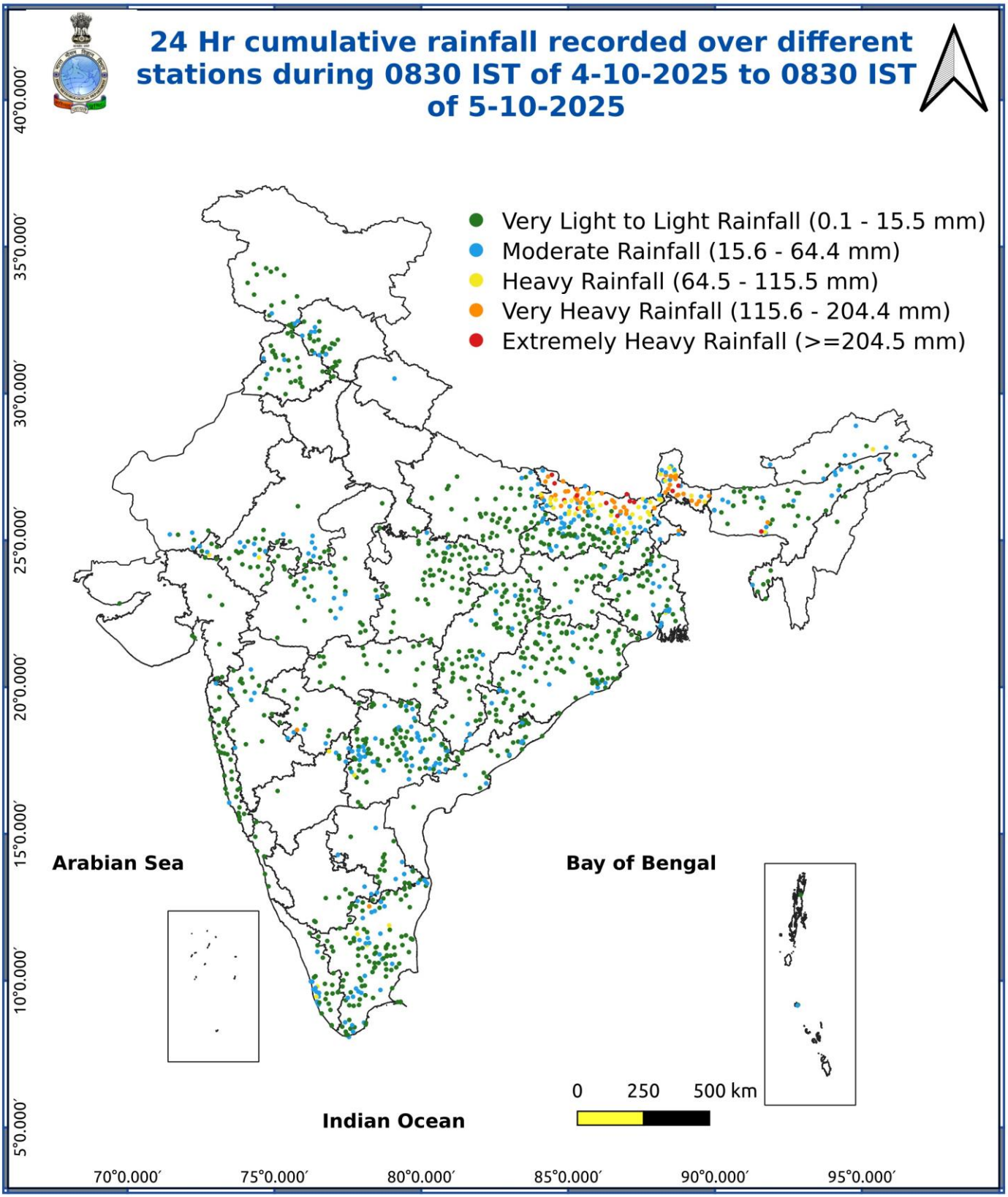


Fig. 4: Departure of Minimum Temp. Dated 2025-10-06




24 Hr cumulative rainfall recorded over different stations during 0830 IST of 4-10-2025 to 0830 IST of 5-10-2025
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′

Very heavy rainfall over Jammu-Kashmir, Himachal Pradesh, Uttarakhand, Punjab, Haryana Chandigarh on 06th October.

Impact Expected

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

Occasional reduction in visibility due to heavy rainfall.

Disruption of traffic in major cities due to water logging in roads leading to increased travel time. Minor damage to kutcha roads.
Possibilities of damage to vulnerable structure.

Localized Landslides/Mudslides/landslips/mudslips/landsinks/mudsinks. Damage to horticulture and standing crops in some areas due to inundation.
It may lead to riverine flooding in some river catchments mainly over Bihar, Jharkhand and West Bengal (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.

Isolated hailstorm activity over Punjab, Haryana Chandigarh, West Uttar Pradesh, Uttarakhand & Rajasthan on 06th October.

Impact expected:

Strong wind/hail may damage plantation, horticulture and standing crops.
Hail may injure people and cattle at open places. Minor damage to kutcha houses/walls and huts.

Action suggested:

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

Agromet advisories for various parts of the country

In Sub-Himalayan West Bengal, drain out excess water from fields of rice, black gram, green gram, finger millet, ginger, vegetables and fruit orchards. In Gangetic West Bengal, ensure proper drainage from the fields of rice, groundnut, vegetables and betel vine gardens.

In Bihar, drain out excess water from fields of rice, maize and vegetables.

In Jammu & Kashmir, keep the harvested produce of rice and maize in safer places. Postpone sowing of rapeseed and

radish.

In Himachal Pradesh, keep the harvested produce of rice, maize, kidney beans, finger millet, vegetables and fruits like pomegranate, apple and kiwi in safer places. Ensure proper drainage in the fields of standing crops, vegetables and fruit orchards to avoid waterlogging.

In matured green gram, black gram, finger millet, rice, vegetables and fruits immediately and store in safe place. Make drainage channels in standing crop fields to remove excess water from the fields.

In Punjab, keep the harvested produce of rice and maize in safe places. Ensure proper drainage to drain out excess water from fields of rice, maize, cotton, and vegetables.

In Haryana, harvest matured crops of rice, green gram, black gram and cotton and shift the harvested produce in safer places. Make provision to drain out excess water from standing crop fields and vegetables.

In West Uttar Pradesh, make necessary arrangements to drain out excess water from the standing crop fields like rice, green gram, sugarcane and vegetables.

In Arunachal Pradesh, keep the harvested crops such as rice, maize, vegetables and finger millet to properly covered shelter to avoid losses. Ensure proper drainage in the standing crops and already sown / transplanted fields.

In Assam, ensure proper drainage of excess water from fields of Sali rice, black gram, green gram and vegetables. In Meghalaya, drain out excess water from standing crops fields, vegetables and orchards.

Livestock / Fishery

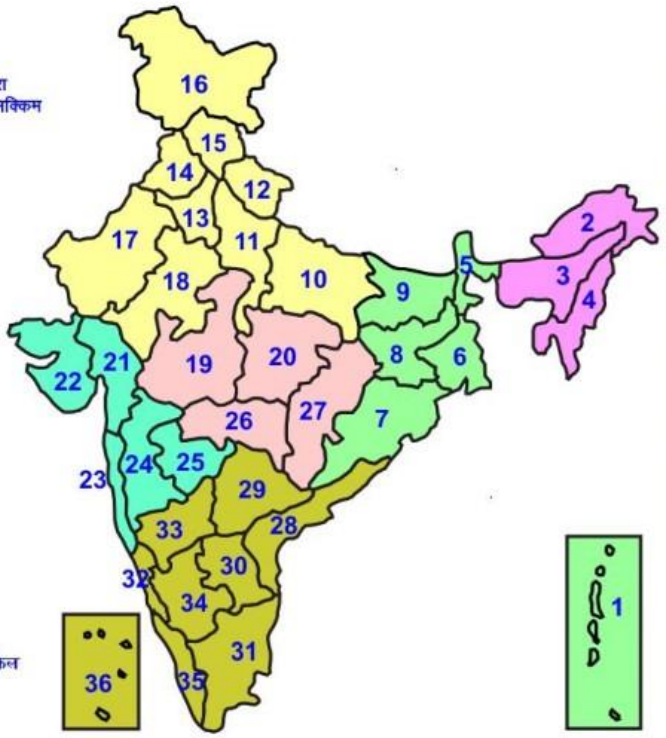
Keep the animals inside the shed during heavy rainfall and provide them balanced feed. Store feed and fodder in a safe place to prevent spoilage.
Construct an outlet with proper netting around the ponds to drain out excess water, thereby preventing fish from escaping in case of overflow.

Agromet advisories for likely impact of Thunderstorm / Hailstorm / Gusty Winds / Squally Winds

Use hail net or hail cap in fruit orchards and fruit bearing vegetables to prevent mechanical damage due to hail. Cover papaya and banana bunches with skirting bags to protect from mechanical damage.
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.

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 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)