



2025-12-10

Time of Issue: 19:47:00 hours IST

(Night)

ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN

Significant Weather Features

Weather Systems, Forecast and Warnings:

- Light rainfall/snowfall at isolated places over Western Himalayan Region Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabadfrom 13th-16th and over Himachal Pradesh on 14th December.
- Light to moderate rainfall very likely at a few/many places during next 7 days with Gusty Wind speed (30-40 kmph) likely to prevail over Andaman & Nicobar Islands on 11th & 12th and with thunderstorm, lightningwith Gusty Wind speed (30-40 kmph) likely to prevail during 13th 16th December.

Forecast of minimum temperatures:

- No significant change in minimum temperature likely over plains of Northwest India during next 2 days; rise by 2-4°C during subsequent 3 days and no significant change thereafter.
- No significant change in minimum temperature very likely over Central India for next 2 days and rise by 2-3°C thereafter for subsequent 3 days and no significant change thereafter.
- Gradual fall in minimum temperature by 2-3°Cvery likely over Maharashtra for next 3 days and thereafter rise by 2-3°C.
- No significant change in minimum temperature over Gujrat, east and north east India during next 7 days.

Dense Fog & Cold wave warning Warnings:

- Cold wave conditions very likely to prevail at isolated places over Madhya Maharashtra, Marathwada, Telangana, North Interior Karnataka and north interior Odisha during 11th – 13th; over West Madhya Pradesh, Vidarbha and Chhattisgarh on 11th and 12th December.
- **Dense fog conditions** very likely to prevail during morning hours in isolated pockets of Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during 11th -15th; over Himachal Pradesh and northeast Uttar Pradesh during 11th -13th; over Uttarakhand and Odisha on 11th & 12th; over Punjab and Haryana Chandigarh during 13th -15th December.



National Weather Forecasting Centre India Meteorological Department Ministry of Earth Sciences

Main Weather Observations:

- ❖ Rainfall distribution (from 0830 hours IST to 1730 hours IST of today): at many places over Tamilnadu Puducherry & Karaikal; Dry over rest of the country.
- ♦ Fog Condition Observed (at 1730 hours of today): Shallow fog conditions: at isolated places over Assam & Meghalaya.
- ❖ Visibility reported (at 1730 hours of today): Assam & Meghalaya: Halflong (dist Dima Hasao) 500.0;.
- ♦ Minimum Temperature Departures (as on 10-12-2025): below normal(-1.6°C to -3.0°C))at many places over Uttar Pradesh, Gangetic West Bengal, few places over Rayalaseema at isolated places over Coastal Andhra Pradesh & Yanam, Mizoram, Rajasthan, Tamil Nadu, Puducherry & Karaikal, Gujarat Region.; appreciably below normal (-3.1°C to -5.0°C) at many places over Marathawada; few places over Vidarbha, Madhya Maharashtra, Assam & Meghalaya; over isolated places over Bihar, Gangetic West Bengal, Jharkhand, West Madhya Pradesh, Chhattisgarh, Saurashtra & Kutch, Konkan & Goa, North Interior Karnataka, Telangana. markedly below normal (?-5.1°C)at few places over Madhya Pradesh; at isolated places over Telangana, Odisha.. The lowest minimum temperature of 3.0°C is reported at Adampur (Punjab) over the Plains of India.
- **♦ Maximum Temperature Departures (as on 10-12-2025): The highest maximum temperature** of 35.8°C is reported at KARWAR (KARNATAKA).



National Weather Forecasting Centre India Meteorological Department Ministry of Earth Sciences

Meteorological Analysis (Based on 1730 hours IST)

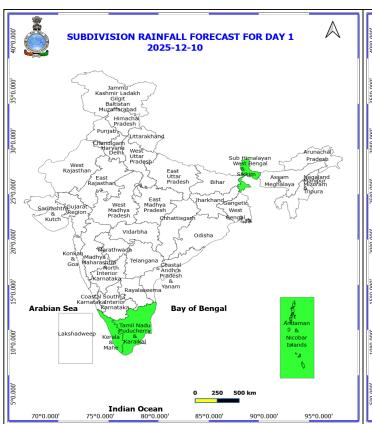
- The **upper air cyclonic circulation** over south Bangladesh & neighbourhood at 1.5 km above mean sea level persists.
- The **trough in westerlies** with its axis at 5.8 km above mean sea level now runs roughly along Long. 88°E to the north of Lat. 23°N.
- Subtropical westerly Jet Stream with core winds of the order upto 120 knots at 12.6 km above mean sea level continues to prevails over East & Northeast India.
- A fresh feeble Western Disturbance is likely to influence Western Himalayan Region from 13th December 2025.

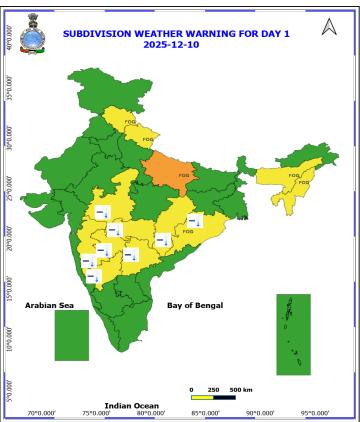
Weather Outlook for subsequent 3 days

• Isolated to Scattered rainfall activity over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Hiamchal Pradesh, Kerala, Tamil Nadu and Islands.



National Weather Forecasting Centre India Meteorological Department Ministry of Earth Sciences



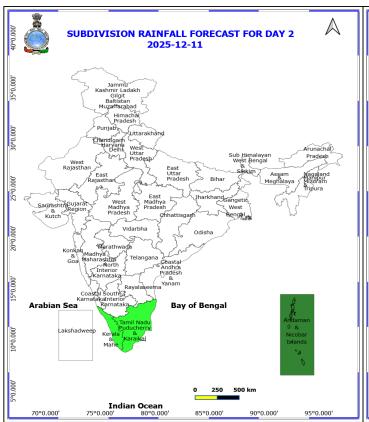


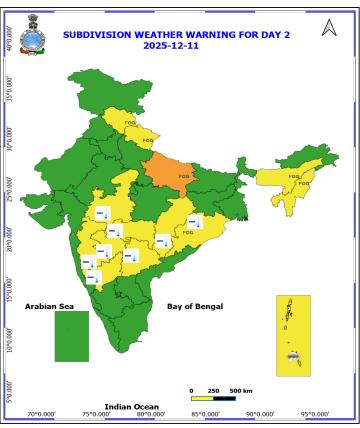
10 December (Day 1)

- Cold wave conditions very likely at isolated places over Chhattisgarh, Maharashtra, North Interior Karnataka, North interior Odisha, Telangana and West Madhya Pradesh.
- Very Dense Fog very likely at North East Uttar Pradesh.
- **Dense Fog** very likely at isolated pockets over Assam & Meghalaya, Himachal Pradesh, Nagaland, Manipur, Mizoram and Tripura, Odisha and Uttarakhand.

Squally weather with wind speeds reaching 35 kmph to 45 kmph gusting to 55 kmph is likely to prevail over many parts of southwest Bay of Bengal, along & off Tamil Nadu and Sri Lanka coasts, over Gulf of Mannar, Comorin area.





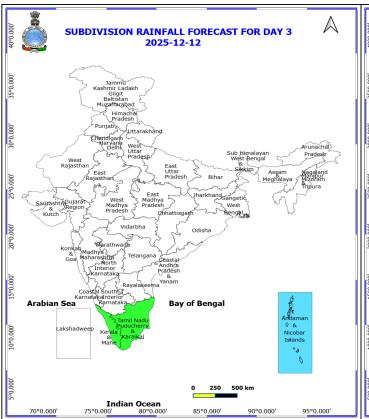


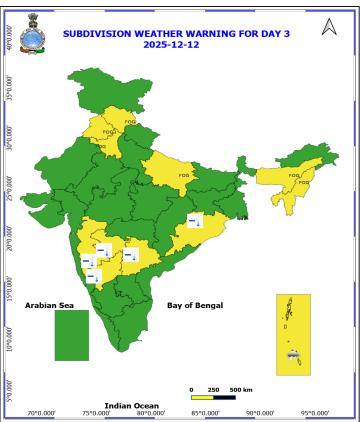
11 December (Day 2)

- Thunderstorm accompanied with lightning & gusty winds(30-40kmph) very likely at isolated places over Andaman & Nicobar Islands.
- **Cold wave conditions** very likely at isolated places over Chhattisgarh, Maharashtra, North Interior Karnataka, North interior Odisha, Telangana and West Madhya Pradesh.
- Very Dense Fog very likely at North East Uttar Pradesh.
- **Dense Fog** very likely at isolated pockets over Assam & Meghalaya, East Uttar Pradesh, Himachal Pradesh, Nagaland, Manipur, Mizoram and Tripura, Odisha and Uttarakhand.

Squally weather with wind speeds reaching 35 kmph to 45 kmph gusting to 55 kmph is likely to prevail over Gulf of Mannar, Comorin area.







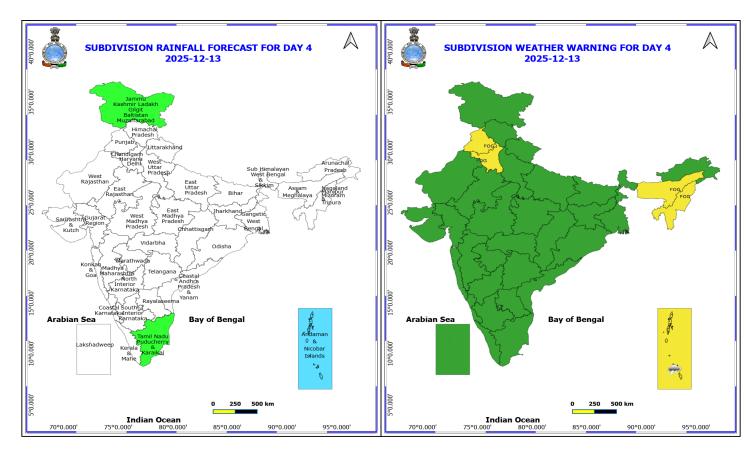
12 December (Day 3)

- ❖ Thunderstorm accompanied with lightning & gusty winds(30-40kmph) very likely at isolated places over Andaman & Nicobar Islands.
- ♦ Cold wave conditions very likely at isolated places over Madhya Maharashtra, Marathwada, North Interior Karnataka, North interior Odisha and Telangana.
- ♦ **Dense Fog** very likely at isolated pockets over Assam & Meghalaya, East Uttar Pradesh, Haryana, Chandigarh & Delhi, Himachal Pradesh, Nagaland, Manipur, Mizoram and Tripura and Punjab.

Squally weather with wind speeds reaching 35 kmph to 45 kmph gusting to 55 kmph is likely to prevail over Gulf of Mannar, Comorin area.



National Weather Forecasting Centre India Meteorological Department Ministry of Earth Sciences



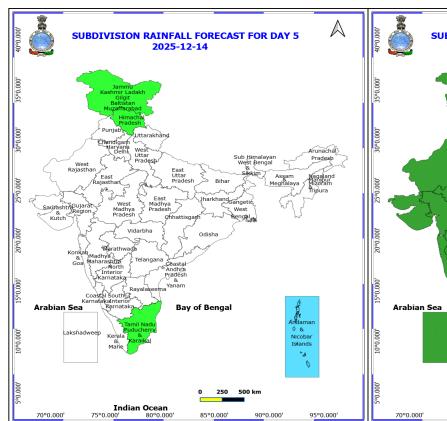
13 December (Day 4)

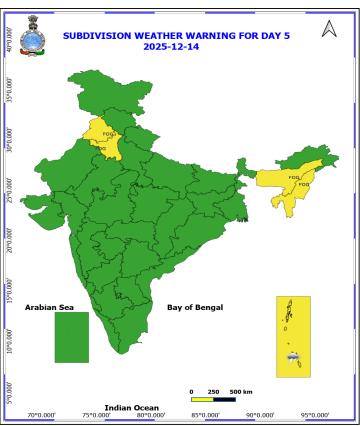
- **♦ Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Andaman & Nicobar Islands.
- ♦ **Dense Fog** likely at isolated pockets over Assam & Meghalaya, Haryana, Chandigarh & Delhi, Nagaland, Manipur, Mizoram and Tripura and Punjab.

Squally weather with wind speeds reaching 35 kmph to 45 kmph gusting to 55 kmph is likely to prevail over Gulf of Mannar, Comorin area.



National Weather Forecasting Centre India Meteorological Department Ministry of Earth Sciences





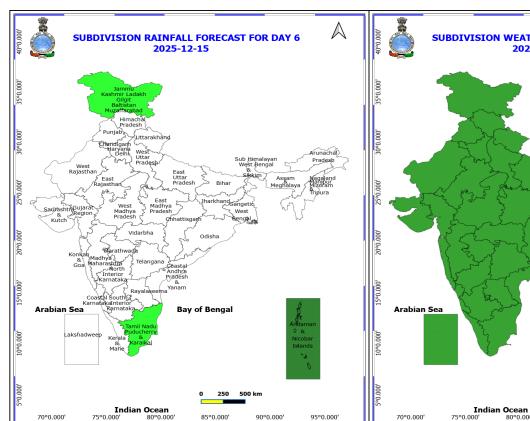
14 December (Day 5)

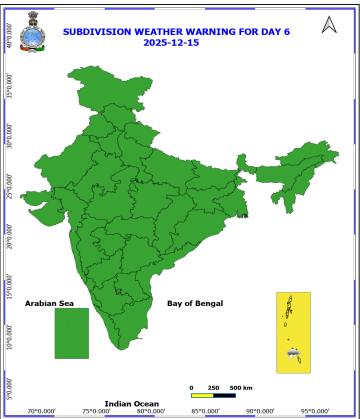
- **❖ Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Andaman & Nicobar Islands.
- ♦ **Dense Fog** likely at isolated pockets over Assam & Meghalaya, Haryana, Chandigarh & Delhi, Nagaland, Manipur, Mizoram and Tripura and Punjab.

NIL



National Weather Forecasting Centre India Meteorological Department Ministry of Earth Sciences





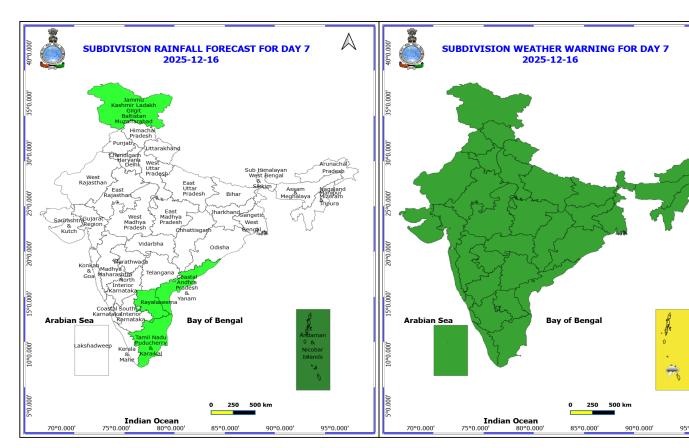
15 December (Day 6)

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

No Fishermen Warning



National Weather Forecasting Centre India Meteorological Department Ministry of Earth Sciences



16 December (Day 7)

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

No Fishermen Warning



Table-1

7 Days	Rainfall	For	eca	st
Culadiviaian	10	4.4	40	40

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

Fig. 1: Maximum Temperatures Dated 2025-12-10

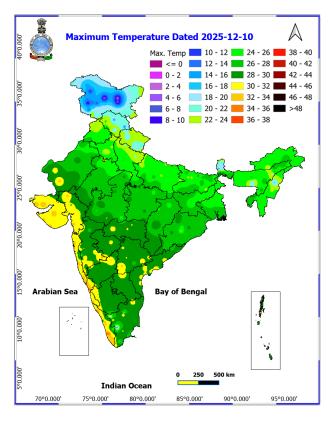


Fig. 3: Minimum Temperatures Dated 2025-12-10

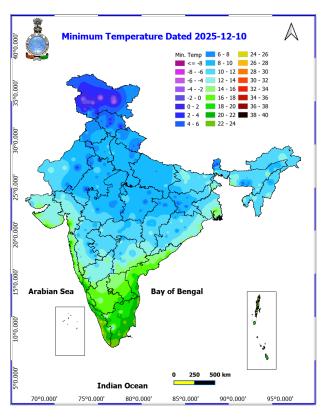


Fig. 2: Departure of Maximum Temp. Dated 2025-12-10

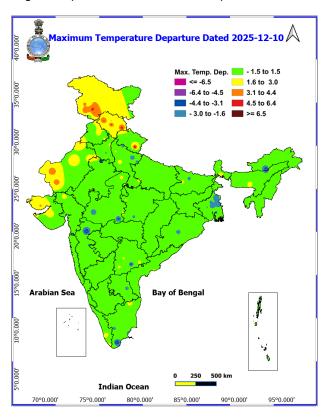
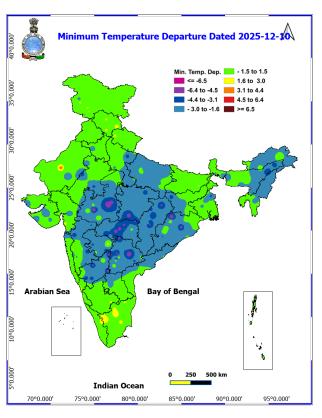
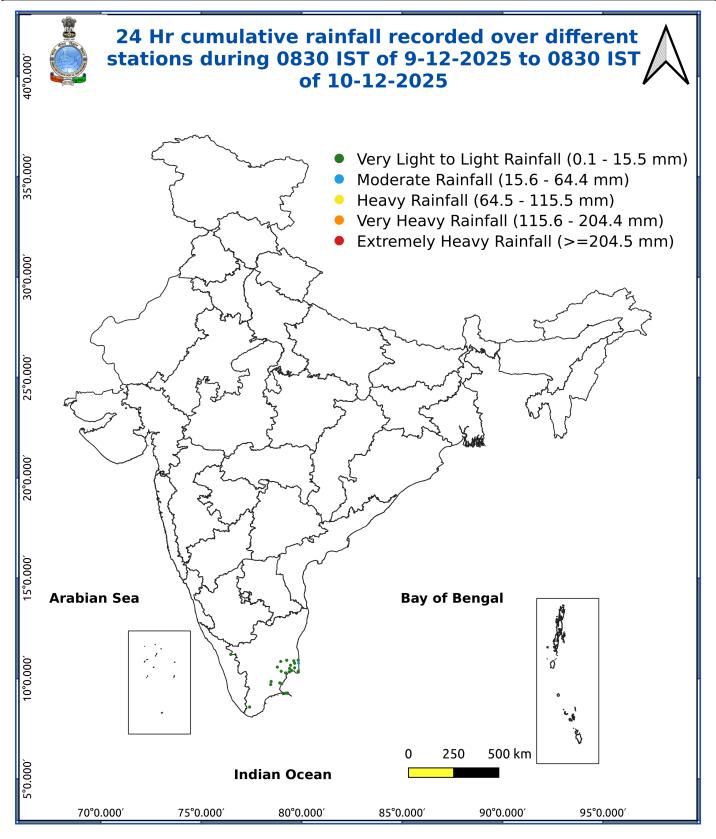


Fig. 4: Departure of Minimum Temp. Dated 2025-12-10









National Weather Forecasting Centre India Meteorological Department Ministry of Earth Sciences

Impact expected due to dense/very dense fog in the morning hours: Likely to prevail during morning hours in isolated pockets of Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during 11th -15th; over Himachal Pradesh and Northeast Uttar Pradesh during 11th -13th; over Uttarakhand and north interior Odisha on 11th & 12th; over Punjab, Haryana and Chandigarh during 13th -15th December.

Transport and Aviation:

- May affect some airports, highways and railway routes in the areas of met-sub-division.
- Difficult driving conditions with slower journey times.
- Unless taken precautionary measures, it may lead to some road traffic collisions.

Power Sector:

Chances of Tripping of Power lines in the very dense fog routes.

Human Health:

- Lung related health impacts: Dense fog contains particulate matter and other pollutants and in case exposed it gets lodged in the lungs, clogging them and decreasing their functional capacity which increases episodes of wheezing, coughing and shortness of breath.
- Impact on people having asthma bronchitis: Long time exposure to dense fog may cause respiratory problem for people having asthma bronchitis and other lung related health problems.
- Eye Irritation: Dense fog contains pollutions of various types and these Pollutants in the air if exposed may tend to irritate the membranes of the eye causing various infections leading to redness or swelling of the eye.

Action suggested:

Transport and Aviation:

- · Be careful while driving or outing through any transport.
- Use fog lights during driving.
- Be in touch with airlines, railways and state transport for schedule of your journey.

Power Sector:

- To keep ready Maintenance Team.
- Human Health: To avoid outing until unless emergency and to cover the face.

Impact expected due to Cold Wave/severe cold wave conditions:Likely to prevail at isolated places over Madhya Maharashtra, Marathwada, Telangana, North Interior Karnataka and north interior Odisha during 11th – 13th; over West Madhya Pradesh, Vidarbha and Chhattisgarh on 11th and 12th December.

- An increased likelihood of various illnesses like flu, running/ stuffy nose or nosebleed, which usually set in or get aggravated due to prolonged exposure to cold.
- Do not ignore shivering. It is the first sign that the body is losing heat. Get Indoors.
- Frostbite can occur due to prolonged exposure to cold. The skin turns pale, hard and numb and eventually black blisters appear on exposed body parts such as fingers, toes, nose and or earlobes. Severe frostbite needs immediate medical attention and treatment.
- Impact on agriculture, crop, livestock, water supply, transport and power sector at some places.

Action suggested:



National Weather Forecasting Centre India Meteorological Department Ministry of Earth Sciences

- · Wear several layers of loose fitting, light weight; warm woollen clothing.
- Cover your head, neck, hands and toes adequately as majority of heat loss occurs through these body parts. Wear several layers of loose fitting, light weight; warm woollen clothing rather than one layer of heavy cloth.
- Eat vitamin-C rich fruits & vegetable and drink sufficient fluids preferably warm fluids to maintain adequate immunity.
- · Avoid or limit outdoor activities.
- Keep dry, if wet, change cloths immediately to prevent loss of body heat. Wear insulated/waterproof shoes.
- Warm the affected area of the body slowly with lukewarm water; do not rub the skin vigorously.
- If the affected skin area turns black, immediately consult a doctor.
- Maintain ventilation while using Heaters to avoid inhaling toxic fumes.
- Take safety measures while using electrical and gas heating devices.
- Extreme care needed for vulnerable people.
- Seek medical attention as soon as possible for someone suffering from frostbite/ Hypothermia.
- · Protect livestock from cold weather.

•

Agromet advisories for various parts of the country

Agromet advisories for likely impact of Cold Waves / Low Temperatures

• In Odisha, West Madhya Pradesh, Vidarbha, Chhattisgarh, Madhya Maharashtra, Marathwada, North Interior Karnataka and Telangana, apply light and frequent irrigation to the standing crops in the evening to protect the crops from low temperature stress. Use mulching and cover vegetable nurseries and young fruit plants with straw / polythene sheets to maintain optimum soil temperature.

Livestock / Poultry

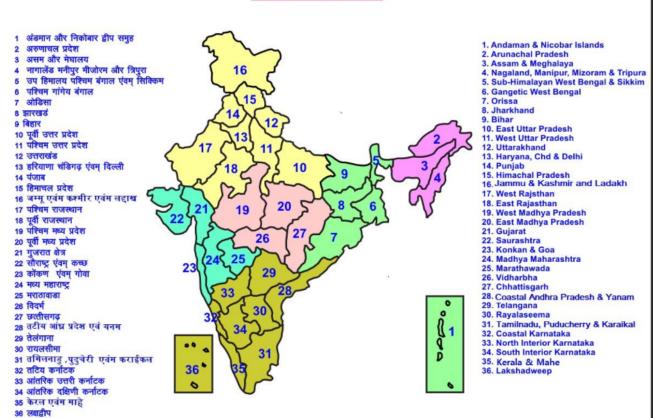
- Keep cattle inside the sheds during night and provide dry bedding to protect them from cold.
- Keep the chicks warm by providing artificial light in the poultry sheds.

Agromet advisories for likely impact of Thunderstorm / Gusty 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.







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)

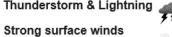
ALERT (BE PREPARED TO TAKE ACTION

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

Probabilistic Forecast

WARNING (TAKE ACTION)

Heavy Rain Thunderstorm & Lightning









Extremely Heavy Rain 🗼 Heavy Snow





Hot Day



Dust Raising Winds Warm Night





Ground Frost



FOG FOG



	<u> </u>	EGENDS
	WARNING	Probabilistic Forecast
	WARNING (TAKE ACTION)	Terms Probability of Occurrence (%)
	ALERT (BE PREPARED)	Unlikely < 25 Likely 25 - 50
	WATCH (BE UPDATED)	Very Likely 50 - 75
10	NO WARNING (NO ACTION)	Most Likely > 75
/ Ç	Heavy: 64.5 to 115.5 mm/cm * Very Heavy: 115.6 to 204.4 mm/cm * Extremely Heavy: > 204.4 mm/cm *	
	(a) Based on Departure from norma	
	Heat Wave: Maximum Temperature Depa Severe Heat Wave: Maximum Temperature	
j+	(b). Based on Actual maximum temperature	
at Wave	Heat Wave: When actual maximum temper	
	Severe Heat Wave: When actual maximu	N. A. of S.
	(c). Criteria for heat wave for coast: When maximum temperature departure is temperature ≥37°C	al stations >4.5°C from normal. Heat Wave may be described provided
a .	When maximum temperature rema	
m Night	Warm Night: When minimum temperature	
	Severe Warm Night: When minimum tem	perature departure 20.4 °C.
	(a). Based on departure	station ≤10°C for plains and ≤0°C for hilly region
	Cold Wave: Minimum Temperature Depart Severe Cold Wave: Minimum Temperature	
Ĵ-	(b) Based on actual Minimum Temperatur	
ld Wave	Cold Wave : When Minimum Temperature	
	Severe Cold Wave: When Minimum Term	
	(c) For Coastal Stations	
		s ≤-4.5 °C & actual Minimum Temperature is ≤ 15 °C
Q -	When minimum temperature of a st Based on departure Cold Day: Maximum Temperature Depart	ation ≤10°C for plains and ≤0°C for hilly regions
old Day	Severe Cold Day: Maximum Temperature	
	Dhamanan of amali danalata	
	Moderate Fog: When the visibility between	suspended in air and the horizontal visibilit
	Dense Fog: when the visibility between 5	
_	Delice Log. When the Helbinty Bethreen't	200 11101100
Fog	Very Dense Fog: when the visibility < 50	
	Very Dense Fog: when the visibility < 50	
Fog	Very Dense Fog: when the visibility < 50 s Sudden electrical discharges manife sound (thunder)	metres
Fog ## Inderstorm ust/Sand	Very Dense Fog: when the visibility < 50 sound (sound (thunder) An ensemble of particles of dust or turbulent wind.	ested by a flash of light (Lightning) and a sharp ru
Fog My nderstorm ust/Sand Storm	Very Dense Fog: when the visibility < 50 Sudden electrical discharges manife sound (thunder) An ensemble of particles of dust or	ested by a flash of light (Lightning) and a sharp ru
Fog ## nderstorm sst/Sand Storm	Very Dense Fog: when the visibility < 50 sound (sound (thunder)) An ensemble of particles of dust or turbulent wind.	ested by a flash of light (Lightning) and a sharp ru
Fog ## Inderstorm ust/Sand	Very Dense Fog: when the visibility < 50 months of the visibility	ested by a flash of light (Lightning) and a sharp ru sand energetically lifted to great heights by a stro
Fog St/Sand Storm Frost	Very Dense Fog: when the visibility < 50 months of the visibility	ested by a flash of light (Lightning) and a sharp ru sand energetically lifted to great heights by a stro
Fog Wynderstorm ust/Sand Storm Frost	Very Dense Fog: when the visibility < 50 months of the visibility	ested by a flash of light (Lightning) and a sharp runs sand energetically lifted to great heights by a stro
Fog Wynderstorm ust/Sand Storm Frost	Very Dense Fog: when the visibility < 50 months of the visibility	ested by a flash of light (Lightning) and a sharp runs sand energetically lifted to great heights by a strought, lasts for atleast 1 minute.
Fog Wynderstorm ust/Sand Storm Frost Gquall	Very Dense Fog: when the visibility < 50 most of the visi	ested by a flash of light (Lightning) and a sharp runs sand energetically lifted to great heights by a stro
Fog Wy nderstorm sst/Sand Storm Frost	Very Dense Fog: when the visibility < 50 most of the visi	ested by a flash of light (Lightning) and a sharp rules sand energetically lifted to great heights by a stro nly, lasts for atleast 1 minute. ever specific area 2 kmph (22-33 knots) & Wave height 2.5-6 metre nph (34-63 knots) & Wave height 6-14 metre
Frost Frost	Very Dense Fog: when the visibility < 50 meshadown sound (thunder) An ensemble of particles of dust or turbulent wind. Ice deposits on ground Air temperature ≤4°C (over Plains) A strong wind that rises sudde Moderate: Wind speed 52-61 kmph Severe: Wind speed 52-61 kmph Very Severe: Wind speed >87 kmph Very Severe: Wind speed >87 kmph Effect of various waves in the sea of Rough to very rough: Wind speed 41-62 High to very high: Wind speed 63-117 km Phenomenal: Wind speed >117 kmph (>60)	ested by a flash of light (Lightning) and a sharp runs and energetically lifted to great heights by a stroinly, lasts for atleast 1 minute. Every specific area 2 kmph (22-33 knots) & Wave height 2.5-6 metre mph (34-63 knots) & Wave height 6-14 metre 33 knots) & Wave height >14 metre
Frost Frost	Very Dense Fog: when the visibility < 50 mostly sound (thunder) An ensemble of particles of dust or turbulent wind. Ice deposits on ground Air temperature ≤ 4°C (over Plains) A strong wind that rises sudde Moderate: Wind speed 52-61 kmph Severe: Wind speed 52-61 kmph Very Severe: Wind speed >87 kmph Effect of various waves in the sea of Rough to very rough: Wind speed 41-62 High to very high: Wind speed 63-117 km	ested by a flash of light (Lightning) and a sharp runs and energetically lifted to great heights by a stroinly, lasts for atleast 1 minute. Experimental energy and the strong area of
st/Sand Storm	Sudden electrical discharges manife sound (thunder) An ensemble of particles of dust or turbulent wind. Ice deposits on ground Air temperature ≤4°C (over Plains) A strong wind that rises sudde Moderate: Wind speed 52-61 kmph Severe: Wind speed 52-87 kmph Very Severe: Wind speed >87 kmph Effect of various waves in the sea of Rough to very rough: Wind speed 41-62 High to very high: Wind speed 63-117 km Phenomenal: Wind speed >117 kmph (>60 Cyclonic Storm: Wind speed 62-87 kmph	ested by a flash of light (Lightning) and a sharp runs and energetically lifted to great heights by a stroinly, lasts for atleast 1 minute. Ever specific area 2 kmph (22-33 knots) & Wave height 2.5-6 metre and (34-63 knots) & Wave height 6-14 metre and knots) & Wave height 5-14 metre and (34-47 knots) 1 (34-47 knots) 1 (34-47 knots) 1 (34-63 knots) 1 (34-65 kmph (64 - 89 knots)