



2025-11-19

Time of Issue: 08:10:00 hours IST

(Morning)

ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN

Significant Weather Features

Weather Forecast and Warnings:

- Light to moderate rainfall/thunderstorm at most/many places with isolated heavy rainfall very likely over Tamil Nadu during 19th -24th; over Kerala & Mahe during 22nd 24th; over Lakshadweep on 19th; and Andaman & Nicobar Islands on 19th, 20th & 22nd November; with isolated very Heavy rainfall over Andaman & Nicobar Islands on 21st November.
- Thunderstorm with lightning very likely over Tamil Nadu during 19th -22nd; over Kerala & Mahe on 19th & 22nd; over Coastal Andhra Pradesh & Yanam and Rayalaseema and Lakshadweep on 19th November.

Forecast of temperature and cold wave and cold day warnings:

- No significant change in minimum temperature likely over West and Central India during next 24 Hours and rise by 2-4°C thereafter during subsequent 4 days.
- Rise in minimum temperature likely by 2-3^oC over Northwest and east India during next 4 days and no significant change thereafter during subsequent 3 days.
- **Cold wave conditions** likely to prevail over isolated parts West Madhya Pradesh on 19th & 20th, over East Madhya Pradesh on 19th & 20th; Madhya Maharashtra on 19th November.



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Main Weather Observations:

- * Rainfall distribution (from 0830 hours IST to 1730 hours IST of yesterday): at most places over Tamilnadu Puducherry & Karaikal; at many places over Kerala & Mahe, Coastal Andhra Pradesh & Yanam, Rayalaseema, South Interior Karnataka and Lakshadweep; Dry over rest of the country.
- ❖ Significant rainfall recorded(in cm) (from 0830 hours IST to 1730 hours IST of yesterday): Kerala & Mahe: Kayamkulam (Alappuzha dist.) 12, Thycattussery (Alappuzha dist) 5, Thiruvananthapuram-city (dist Thiruvananthapuram) 4, Thiruvananthapuram-airport (dist Thiruvananthapuram) 3, Kottayam (dist Kottayam) 2; Tamilnadu Puducherry & Karaikal: Tenkasi (dist.Tenkasi) 7, Kanyakumari (dist Kanyakumari), Chennai (nungambakkam) (dist Chennai) 2 Each.
- **Heavy Rainfall observed** (from 0830 hours IST to 1730 hours IST of yesterday): **Heavy to very heavy rain** at isolated places over Kerala; **Heavy rain** at isolated places over Tamil Nadu.
- ♦ Fog Condition Observed (at 0530 hours of today): Moderate fog conditions: at isolated places over Assam & Meghalaya Shallow fog conditions: at a few places over Bihar and Punjab, at isolated places over Nagaland, Manipur, Mizoram & Tripura, East Uttar Pradesh, Haryana Chandigarh & Delhi and West Madhya Pradesh
- ♦ Visibility reported (at 0530 hours of today): Assam & Meghalaya: Barapani/shillong (dist East Khasi Hills) 200; West Madhya Pradesh: Gwalior (dist Gwalior) 500; Nagaland, Manipur, Mizoram & Tripura: Kailashahar AP (dist Unakoti) 500; Punjab: Amritsar (rajasansi) AP (dist Amritsar) 500; Haryana Chandigarh & Delhi: New Delhi (safdarjung) (dist South West Delhi) 500; Bihar: Purnea (dist Purnia), Gaya (dist Gaya) 500 Each; East Uttar Pradesh: Varanasi (babatpur) AP (dist Varanasi) 500.
- ♦ Minimum Temperature Departures (as on 18-11-2025): below normal(-1.6°C to -3.0°C) at few places over Jharkhand; at isolated places over Konkan & Goa and Madhya Maharashtra. appreciably below normal(-5.0°C to -3.1°C) at many places over Marathwada, Vidarbha, Telangana and North Interior Karnataka; at few places over Chhattisgarh. markedly below normal(< -5.0°C) at most places over East Madhya Pradesh. The lowest minimum temperature of 5.8°C was reported at Rajgarh (West Madhya Pradesh) over the Plains of India.
- **♦ Maximum Temperature Departures (as on 18-11-2025): The highest maximum temperature** of 35.6°C was reported at KARWAR (KARNATAKA).



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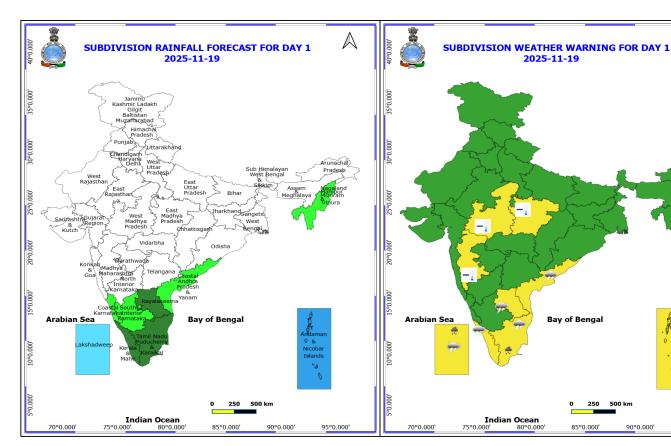
Meteorological Analysis (Based on 0530 hours IST)

- The **Low-Pressure area** over Comorin area and neighbourhood persisted over the same region at 0530 hrs IST of today, the 19th November 2025. The associated cyclonic circulation extended upto 5.8 km above mean sea level. It is likely to move slowly west-northwestwards during next 24 hours.
- A **low Pressure area** is likely to form over Southeast Bay of Bengal around 22nd November 2025. Thereafter It is very likely to move west-northwestwards and become more marked during subsequent 48 hours.

Weather Outlook for subsequent 3 days

- fairly widespread to widespread rainfall activity likely over Tamil Nadu, Kerala and Islands.
- Isolated to Scattered rainfall activity over Coastal Andhra Pradesh, Coastal Karnataka and South Interior Karnataka.

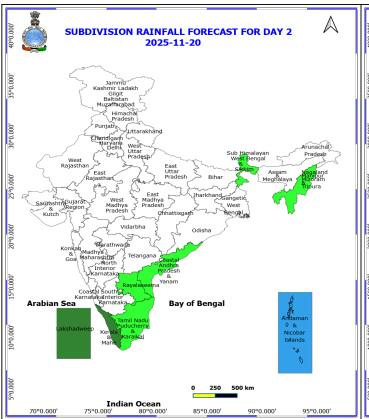


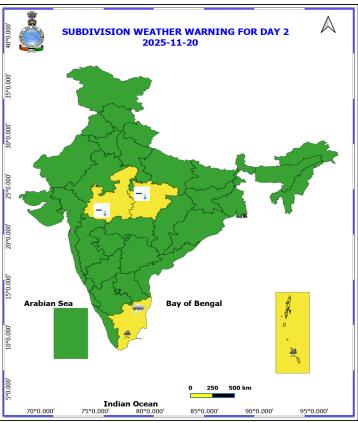


19 November (Day 1)

- ♦ Heavy Rainfall very likely at isolated places over Andaman & Nicobar Islands, Lakshadweep and Tamil Nadu Puducherry & Karaikal.
- ♦ Thunderstorm accompanied with Lightning very likely at isolated places over Andhra Pradesh, Kerala & Mahe, Lakshadweep and Tamil Nadu Puducherry & Karaikal.
- Cold wave conditions very likely at isolated places over Madhya Maharashtra and Madhya Pradesh.
 - Squally weather with wind speeds reaching 40 kmph to 50 kmph gusting to 60 kmph will prevail along and off south Kerala coast, adjoining Lakshadweep area, over Comorin area, Gulf of Mannar, over Andaman Sea, adjoining parts of southeast, eastcentral Bay of Bengal.



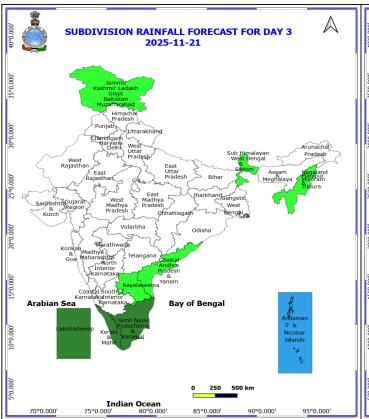


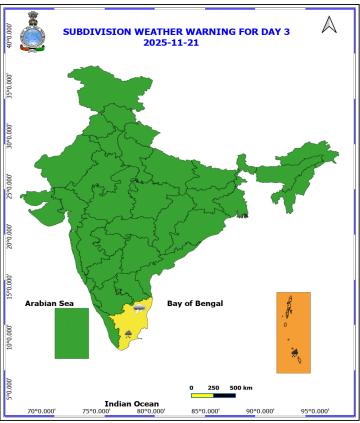


20 November (Day 2)

- ♦ Heavy Rainfall very likely at isolated places over Andaman & Nicobar Islands and Tamil Nadu Puducherry & Karaikal.
- Thunderstorm accompanied with Lightning very likely at isolated places over Tamil Nadu Puducherry & Karaikal
- ❖ Cold wave conditions very likely at isolated places over Madhya Pradesh.
 - Squally weather with wind speeds reaching 40 kmph to 50 kmph gusting to 60 kmph will prevail over Andaman Sea, adjoining parts of southeast, eastcentral Bay of Bengal.



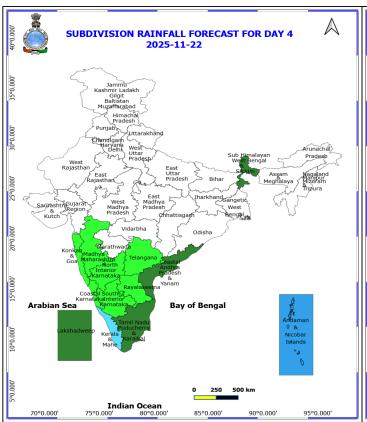


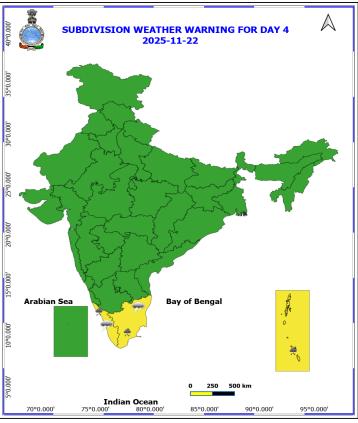


21 November (Day 3)

- Heavy to Very Heavy Rainfall very likely at isolated places over Andaman & Nicobar Islands.
- Heavy Rainfall very likely at isolated places over Tamil Nadu Puducherry & Karaikal.
- ❖ Thunderstorm accompanied with Lightning very likely at isolated places over Tamil Nadu Puducherry & Karaikal.
 - Squally weather with wind speeds reaching 40 kmph to 50 kmph gusting to 60 kmph will prevail over Andaman Sea, adjoining, some parts of southeast Bay of Bengal.
 - Squally weather with wind speeds reaching 45 kmph to 55 kmph gusting to 65 kmph will prevail over south Andaman Sea.





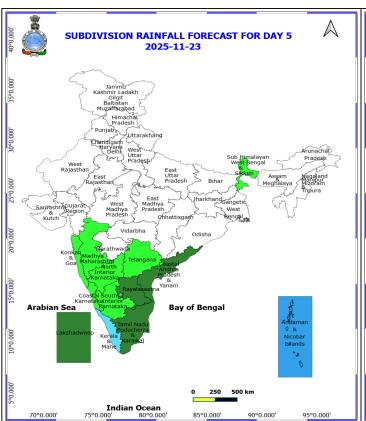


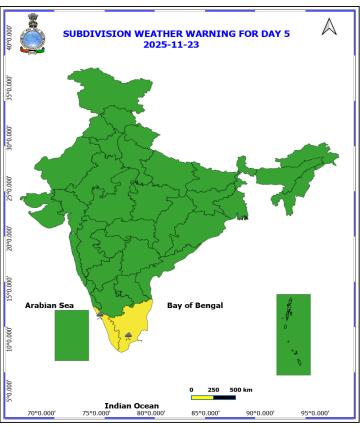
22 November (Day 4)

- ♦ Heavy Rainfall likely at isolated places over Andaman & Nicobar Islands, Kerala & Mahe and Tamil Nadu Puducherry & Karaikal.
- **♦ Thunderstorm accompanied with Lightning** likely at isolated places over Kerala & Mahe and Tamil Nadu Puducherry & Karaikal.
 - Squally weather with wind speeds reaching 40 kmph to 50 kmph gusting to 60 kmph will prevail over Andaman Sea, adjoining, most parts of southeast & adjoining southwest Bay of Bengal.
 - Squally weather with wind speeds reaching 45 kmph to 55 kmph gusting to 65 kmph will prevail over south Andaman Sea & adjoining southeast Bay of Bengal.



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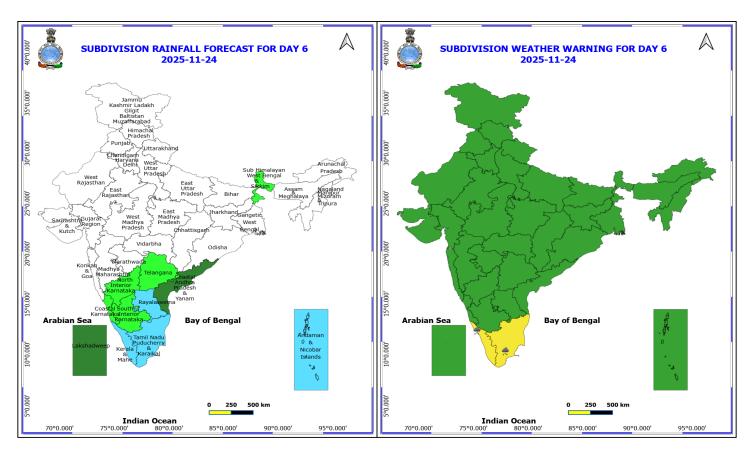
23 November (Day 5)

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

No Fishermen Warning



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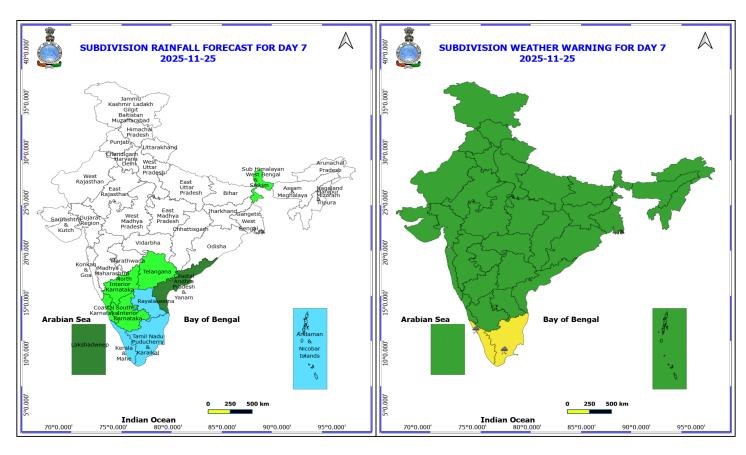
24 November (Day 6)

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

No Fishermen Warning



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25 November (Day 7)

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

No Fishermen Warning



Table-1

7 Days Rainfall Forecast

	1 Dayo Raiii	M 11 1		Jour				
S.No.	Subdivision	19-	20-	21-	22-	23-	24-	25-
		Nov	Nov	Nov	Nov	Nov	Nov	Nov
		Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
1	ANDAMAN & NICOBAR ISLANDS	WS	WS	WS	WS	WS	FWS	FWS
2	ARUNACHAL PRADESH	DRY	DRY	DRY	DRY	DRY	DRY	DRY
3	ASSAM & MEHGHALAYA	DRY	DRY	DRY	DRY	DRY	DRY	DRY
4	N. M. M. & T.	ISOL	ISOL	ISOL	DRY	DRY	DRY	DRY
5	S.H. WEST BENGAL & SIKKIM	DRY	ISOL	ISOL	SCT	ISOL	ISOL	ISOL
6	GANGETIC WEST BENGAL	DRY	DRY	DRY	DRY	DRY	DRY	DRY
7	ODISHA	DRY	DRY	DRY	DRY	DRY	DRY	DRY
8	JHARKHAND	DRY	DRY	DRY	DRY	DRY	DRY	DRY
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	DRY	DRY	DRY	DRY	DRY
13	HARYANA, CHD & DELHI	DRY	DRY	DRY	DRY	DRY	DRY	DRY
14	PUNJAB	DRY	DRY	DRY	DRY	DRY	DRY	DRY
15	HIMACHAL PRADESH	DRY	DRY	DRY	DRY	DRY	DRY	DRY
16	JAMMU AND KASHMIR AND LADAKH	DRY	DRY	ISOL	DRY	DRY	DRY	DRY
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	DRY	DRY	DRY	DRY	DRY	DRY
20	EAST MADHYA PRADESH	DRY	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	DRY	DRY	DRY	ISOL	ISOL	DRY	DRY
24	MADHYA MAHARASHTRA	DRY	DRY	DRY	ISOL	ISOL	DRY	DRY
25	MARATHWADA	DRY	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	ISOL	ISOL	ISOL	SCT	SCT	SCT	SCT
29	TELANGANA	DRY	DRY	DRY	ISOL	ISOL	ISOL	ISOL
30	RAYALASEEMA	SCT	ISOL	ISOL	ISOL	SCT	FWS	FWS
31	TAMILNADU & PUDUCHERRY	SCT	ISOL	SCT	SCT	SCT	FWS	FWS
32	COSTAL KARNATAKA	ISOL	DRY	DRY	ISOL	ISOL	ISOL	ISOL
33	NORTH INTERIOR KARNATAKA	DRY	DRY	DRY	ISOL	ISOL	ISOL	ISOL
34	SOUTH INTERIOR KARNATAKA	ISOL	DRY	DRY	ISOL	ISOL	ISOL	ISOL
35	KERALA	SCT	SCT	SCT	FWS	FWS	FWS	FWS
36	LAKSHDWEEP	FWS	SCT	SCT	SCT	SCT	SCT	SCT

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 2025-11-18

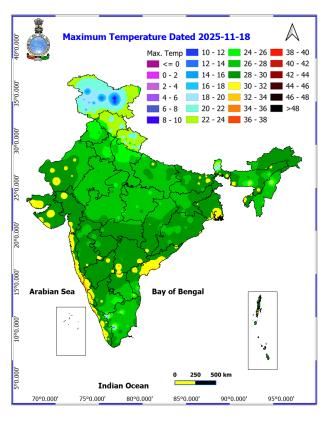


Fig. 3: Minimum Temperatures Dated 2025-11-18

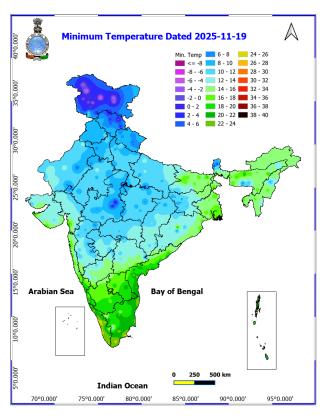


Fig. 2: Departure of Maximum Temp. Dated 2025-11-18

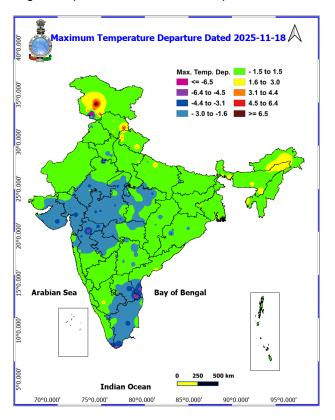
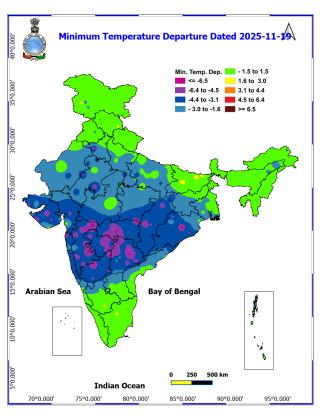
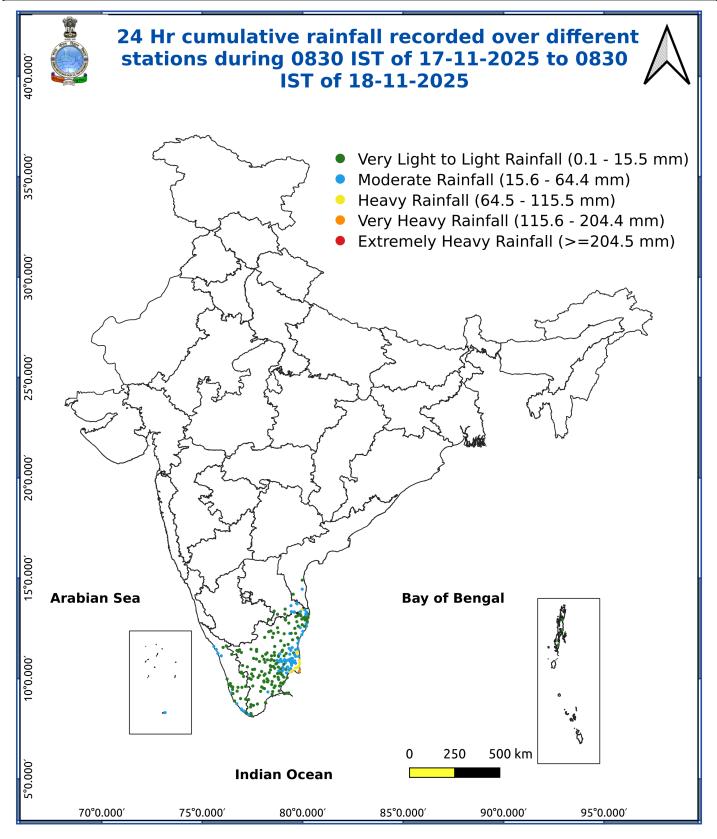


Fig. 4: Departure of Minimum Temp. Dated 2025-11-18









Impact expected due to Cold Day/Severe Cold day conditions:

• **Cold wave conditions** likely to prevail over isolated parts West Madhya Pradesh on 19th & 20th, over East Madhya Pradesh on 19th & 20th; Madhya Maharashtra on 19th November.

Impact Expected:

- 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:

- 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 Woolen 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 Heavy / Heavy to Very Heavy Rainfall

- In **Tamil Nadu**, keep the harvested produce of rice and groundnut crops in safe places. Make arrangements to drain out excess water from fields of rice, sugarcane, cotton, black gram, maize and vegetables and plantations of coconut, banana, cinnamon and black pepper. Provide support to banana plants with wooden poles to prevent them from falling.
- In Kerala, ensure adequate drainage facilities in fields of rice, vegetables and plantations of banana, coconut, cardamom and black pepper. Carry out propping in banana plants to prevent falling due to heavy rainfall and strong winds.
- In Andaman and Nicobar Islands, store the harvested produce of rice in well-covered elevated places to
 prevent moisture damage. Harvest matured vegetables to avoid damage and provide support to papaya plants
 with stakes to prevent lodging.

Livestock / Poultry / 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 / 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.

Agromet advisories for likely impact of Cold Waves/ Low Temperatures

• In Madhya Pradesh, Chhattisgarh, Madhya Maharashtra, Vidarbha and Telangana, apply light and frequent irrigation to the standing crops in the evening to protect the crops from low temperature stress or cold injuries. Use mulching and cover vegetable nurseries and young fruit plants with straw / polythene sheets to maintain optimum soil temperature. Cover banana bunches with 6% perforated plastic bags for protection from low temperatures.

Livestock / Poultry / Fishery

- 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.







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)

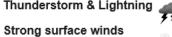
ALERT (BE PREPARED TO TAKE ACTION

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
	NO WARNING (NO ACTION)	Most Likely > 75
/0	Heavy: 64.5 to 115.5 mm/cm *	
* *	Very Heavy: 115.6 to 204.4 mm/cm* Extremely Heavy: > 204.4 mm/cm *	
ain/ Snow		
	When maximum temperature of a s (a) Based on Departure from normal	station reaches ≥40° C for plains and ≥30° C for l
	Heat Wave: Maximum Temperature Dep	
	Severe Heat Wave: Maximum Temperat	ure Departure from normal ≥6.5° C
J+	(b). Based on Actual maximum tem	perature
leat Wave	Heat Wave: When actual maximum temp	
	Severe Heat Wave: When actual maxim	V 10 10 10 10 10 10 10 10 10 10 10 10 10
	(c). Criteria for heat wave for coast When maximum temperature departure is	tal stations s >4.5°C from normal. Heat Wave may be described provide
	temperature ≥37°C	
ı.	When maximum temperature rema	
arm Night	Warm Night: When minimum temperatur	
- Ingili	Severe Warm Night: When minimum ter	nperature departure >6.4 °C.
	When minimum temperature of a	a station ≤10°C for plains and ≤0°C for hilly reg
	(a). Based on departure	station 210 0 for plants and 20 0 for filling regi
	Cold Wave: Minimum Temperature Depart	
Q -	Severe Cold Wave: Minimum Temperatu	
Cold Wave	(b) Based on actual Minimum Tem	
Join Have	Cold Wave : When Minimum Temperatur Severe Cold Wave: When Minimum Ter	
	(c) For Coastal Stations	inputation is a 2.0 o
	•	is ≤-4.5 °C & actual Minimum Temperature is ≤ 15 °C
	When minimum temperature of a s	station ≤10°C for plains and ≤0°C for hilly regions
N _	Based on departure	,
Cold Day	Cold Day: Maximum Temperature Depart	
Cold Day	Severe Cold Day: Maximum Temperatur	re Departure from normal ≤ -6.5 °C
	Phenomenon of small droplets	suspended in air and the horizontal visibili
0	Moderate Fog: When the visibility between	
	Dense Fog: when the visibility between	50- 200 metres
Fog		50- 200 metres
	Dense Fog: when the visibility between Very Dense Fog: when the visibility < 50	50- 200 metres) metres
	Dense Fog: when the visibility between Very Dense Fog: when the visibility < 50	50- 200 metres
Fog	Dense Fog: when the visibility between Very Dense Fog: when the visibility < 50 Sudden electrical discharges manif	50- 200 metres) metres
Fog ## understorm	Dense Fog: when the visibility between Very Dense Fog: when the visibility < 50 Sudden electrical discharges manif sound (thunder) An ensemble of particles of dust or	50- 200 metres) metres
Fog understorm Oust/Sand	Dense Fog: when the visibility between Very Dense Fog: when the visibility < 50 Sudden electrical discharges manif sound (thunder)	50- 200 metres metres fested by a flash of light (Lightning) and a sharp ru
Fog ## understorm	Dense Fog: when the visibility between Very Dense Fog: when the visibility < 50 Sudden electrical discharges manif sound (thunder) An ensemble of particles of dust of turbulent wind.	50- 200 metres metres fested by a flash of light (Lightning) and a sharp ru
Fog understorm Oust/Sand	Dense Fog: when the visibility between Very Dense Fog: when the visibility < 50 Sudden electrical discharges manif sound (thunder) An ensemble of particles of dust of turbulent wind. Ice deposits on ground	50- 200 metres metres fested by a flash of light (Lightning) and a sharp ru
Fog understorm Oust/Sand	Dense Fog: when the visibility between Very Dense Fog: when the visibility < 50 Sudden electrical discharges manif sound (thunder) An ensemble of particles of dust of turbulent wind.	50- 200 metres metres fested by a flash of light (Lightning) and a sharp ru
Fog Wy understorm Dust/Sand Storm	Dense Fog: when the visibility between Very Dense Fog: when the visibility < 50 Sudden electrical discharges manif sound (thunder) An ensemble of particles of dust of turbulent wind. Ice deposits on ground Air temperature ≤4°C (over Plains)	50-200 metres) metres fested by a flash of light (Lightning) and a sharp run r sand energetically lifted to great heights by a str
Fog Wy understorm Dust/Sand Storm	Dense Fog: when the visibility between Very Dense Fog: when the visibility < 50 Sudden electrical discharges manif sound (thunder) An ensemble of particles of dust of turbulent wind. Ice deposits on ground Air temperature ≤4°C (over Plains)	50- 200 metres metres fested by a flash of light (Lightning) and a sharp ru
Fog Wy understorm Dust/Sand Storm	Dense Fog: when the visibility between Very Dense Fog: when the visibility < 50 Sudden electrical discharges manif sound (thunder) An ensemble of particles of dust of turbulent wind. Ice deposits on ground Air temperature ≤4°C (over Plains) A strong wind that rises sudden	50-200 metres) metres fested by a flash of light (Lightning) and a sharp run r sand energetically lifted to great heights by a str
Fog Wy understorm Dust/Sand Storm	Dense Fog: when the visibility between Very Dense Fog: when the visibility < 50 Sudden electrical discharges manif sound (thunder) An ensemble of particles of dust of turbulent wind. Ice deposits on ground Air temperature ≤4°C (over Plains) A strong wind that rises sudden Moderate: Wind speed 52-61 kmph	50-200 metres) metres fested by a flash of light (Lightning) and a sharp run r sand energetically lifted to great heights by a str
understorm Dust/Sand Storm Frost	Dense Fog: when the visibility between Very Dense Fog: when the visibility < 50 Sudden electrical discharges manif 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 62-87 kmph Very Severe: Wind speed >87 kmph	50-200 metres) metres fested by a flash of light (Lightning) and a sharp research to great heights by a street to great heights by
understorm Dust/Sand Storm Frost	Dense Fog: when the visibility between Very Dense Fog: when the visibility < 50 Sudden electrical discharges manif 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	50-200 metres) metres fested by a flash of light (Lightning) and a sharp research to great heights by a street to great heights by
understorm Dust/Sand Storm Frost Squall	Dense Fog: when the visibility between Very Dense Fog: when the visibility < 50 Sudden electrical discharges manif sound (thunder) An ensemble of particles of dust of turbulent wind. Ice deposits on ground Air temperature ≤4°C (over Plains) A strong wind that rises sudded Moderate: Wind speed 52-61 kmph Severe: Wind speed 62-87 kmph Very Severe: Wind speed >87 kmph Effect of various waves in the sea Rough to very rough: Wind speed 41-6 High to very high: Wind speed 63-117 kmph Severe Wind Severe Wind speed 63-117 kmph Severe Wind Severe W	50-200 metres 0 metres 1 metre
understorm Dust/Sand Storm Frost	Dense Fog: when the visibility between Very Dense Fog: when the visibility < 50 Sudden electrical discharges manif 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 62-87 kmph Very Severe: Wind speed >87 kmph Effect of various waves in the sea Rough to very rough: Wind speed 41-64	50-200 metres 0 metres 1 metre
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