



2025-11-12

Time of Issue: 19:45:00 hours IST

(Night)

#### 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 on 12<sup>th</sup>,17<sup>th</sup> & 18<sup>th</sup>; over Kerala & Mahe on 12<sup>th</sup> & 13<sup>th</sup>; over Coastal Andhra Pradesh & Yanam and Rayalaseema on 17<sup>th</sup> & 18<sup>th</sup> November.

Thunderstorm with lightning very likely over Tamil Nadu on 12<sup>th</sup> &17<sup>th</sup> over Kerala & Mahe during 12<sup>th</sup> -14<sup>th</sup>; over Coastal Karnataka and South Interior Karnataka on 17<sup>th</sup> & 18<sup>th</sup> November.

#### Forecast of temperature and cold wave and cold day warnings:

Cold wave to Severe Cold wave conditions very likely at isolated places overWest Madhya Pradesh and at a few places over Chhattisgarh on 12<sup>th</sup> & 13<sup>th</sup> and Cold wave conditions in isolated pockets on 14<sup>th</sup> &15<sup>th</sup> November.

**Cold wave conditions** very likely to prevail in isolated pockets over East Rajasthan and East Madhya Pradesh during 12<sup>th</sup> – 15<sup>th</sup> November.

**Cold day conditions** very likely to prevail in isolated pockets over East Madhya Pradesh on 12<sup>th</sup> & 13<sup>th</sup> November.

Shallow to moderate fog conditions likely over Northeast India during next 5 days.

Fall in minimum temperature over Northeast India by 2-3°C for next 4-5 days and no large change thereafter during subsequent 2 days.

No large change in minimum temperature likely over northwest, west, central and east India during next 6-7 days.



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#### **Main Weather Observations:**

- ❖ Rainfall distribution (from 0830 hours IST to 1730 hours IST of today): at many places over Tamilnadu Puducherry & Karaikal, Andaman & Nicobar Islands and Kerala & Mahe; Dry over rest of the country.
- ❖ Significant rainfall recorded(in cm) (from 0830 hours IST to 1730 hours IST of today): Tamilnadu Puducherry & Karaikal: Palayamkottai (dist Tirunelveli) 2; Andaman & Nicobar islands: Long Island (dist North And Middle Andaman) 2.
- ❖ Fog Condition Observed (at 1730 hours of today): Moderate fog conditions: at isolated places over North Interior Karnataka Shallow fog conditions: at isolated places over Assam & Meghalaya
- ❖ Visibility reported (at 1730 hours of today): North Interior Karnataka: Bijapur-obs (dist Bijapur) 200.0; Assam & Meghalaya: Halflong (dist Dima Hasao) 500.0.
- ♦ Minimum Temperature Departures (as on 12-11-2025): below normal(-1.6°C to -3.0°C) at isolated places over Jharkhand and Vidarbha. markedly below normal(< -5.0°C) at most places over East Madhya Pradesh. The lowest minimum temperature of 7.0°C is reported at Rajgarh (West Madhya Pradesh) over the Plains of India
- ♦ Maximum Temperature Departures (as on 12-11-2025): The highest maximum temperature of 34.8°C is reported at VIJAYAWADA-GANNAVARAM (ANDHRA PRADESH).



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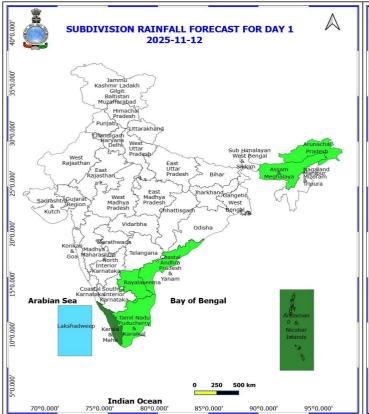
#### Meteorological Analysis (Based on 1730 hours IST)

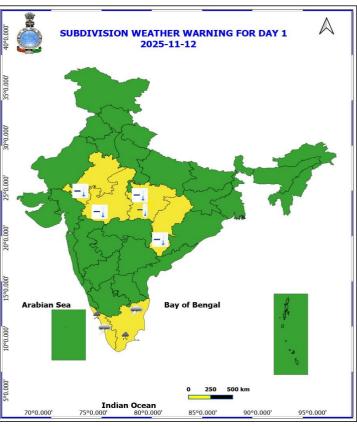
- The **upper air cyclonic circulation** over southwest and adjoining southeast Bay of Bengal extending upto 1.5 km above mean sea level persists.
- The **upper air cyclonic circulation** over north Haryana and neighbourhood at 3.1 km above mean sea level persists.
- The **upper air cyclonic circulation** over northeast Assam & neighbourhood at 1.5 km above mean sea level persists.

#### 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.



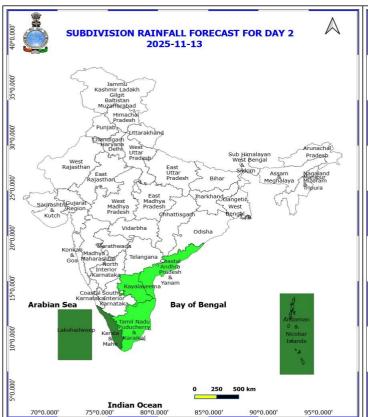


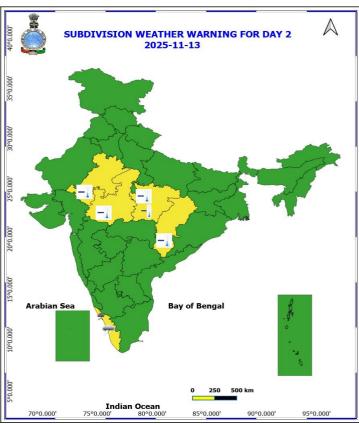


### 12 November (Day 1)

- \* Heavy Rainfall very likely at isolated places over Kerala & Mahe and Tamil Nadu Puducherry & Karaikal.
- ❖ Thunderstorm accompanied with Lightning very likely at isolated places over Kerala & Mahe and Tamil Nadu Puducherry & Karaikal.
- **Cold wave conditions** very likely at isolated places over Chhattisgarh, East Rajasthan and Madhya Pradesh.
- ❖ Cold Day very likely at isolated places over East Madhya Pradesh.
  - Squally weather with wind speeds reaching 35 kmph to 45 kmph gusting to 55 kmph will prevail along and off south Kerala coast, adjoining Lakshadweep and Comorin areas.



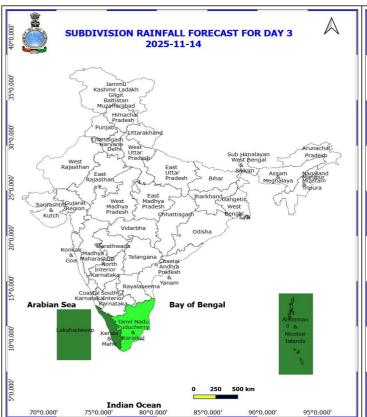


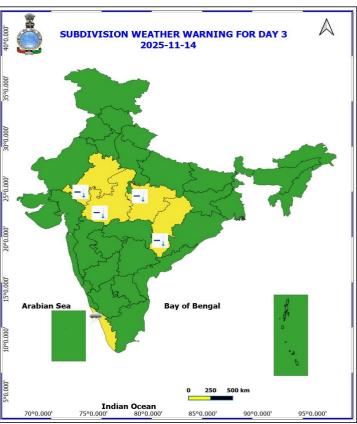


#### 13 November (Day 2)

- \* Heavy Rainfall very likely at isolated places over Kerala & Mahe.
- \* Thunderstorm accompanied with Lightning very likely at isolated places over Kerala & Mahe.
- ❖ Cold wave conditions very likely at isolated places over Chhattisgarh, East Rajasthan and Madhya Pradesh.
- ❖ Cold Day very likely at isolated places over East Madhya Pradesh.
  - Squally weather with wind speeds reaching 35 kmph to 45 kmph gusting to 55 kmph will prevail along and off Sri Lanka coast, adjoining & many parts of southwest Bay of Bengal, Gulf of Mannar, adjoining Comorin area.







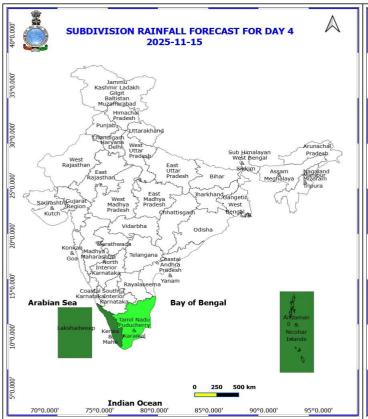
#### 14 November (Day 3)

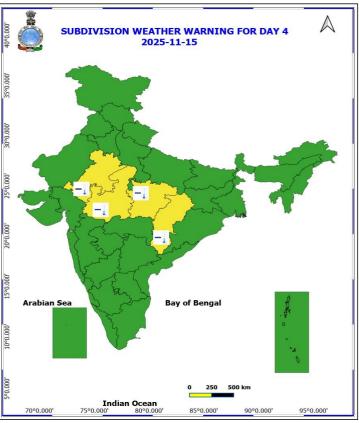
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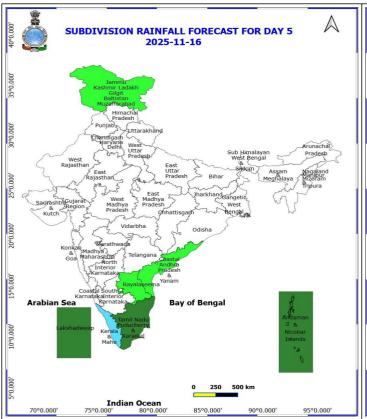


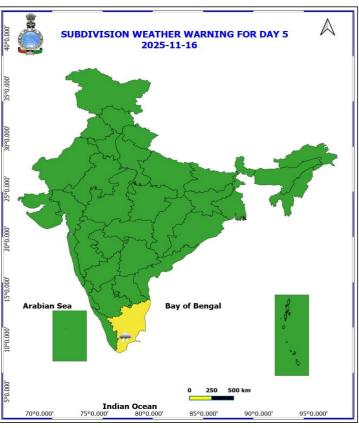
#### 15 November (Day 4)

❖ Cold wave conditions likely at isolated places over Chhattisgarh, East Rajasthan and Madhya Pradesh.



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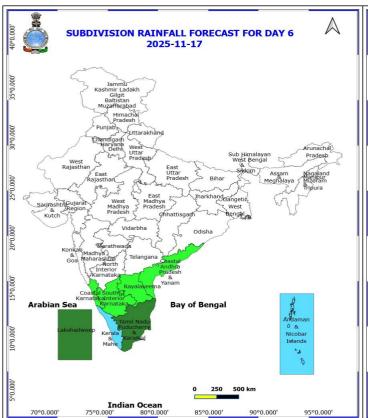


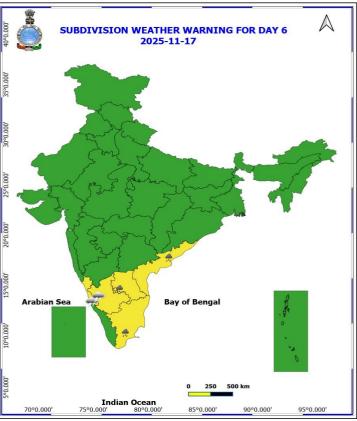


#### 16 November (Day 5)

\* Thunderstorm accompanied with Lightning likely at isolated places over Tamil Nadu Puducherry & Karaikal.



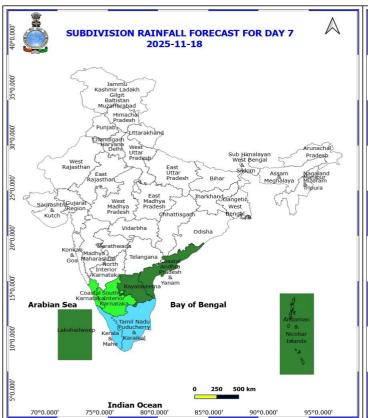


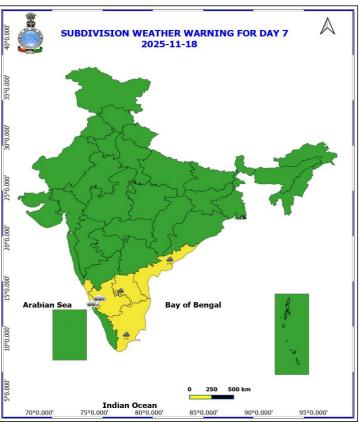


#### 17 November (Day 6)

- \* Heavy Rainfall likely at isolated places over Andhra Pradesh and Tamil Nadu Puducherry & Karaikal.
- **❖ Thunderstorm accompanied with Lightning** likely at isolated places over Coastal Karnataka and South Interior Karnataka.







#### 18 November (Day 7)

- \* Heavy Rainfall likely at isolated places over Andhra Pradesh and Tamil Nadu Puducherry & Karaikal.
- **❖ Thunderstorm accompanied with Lightning** likely at isolated places over Coastal Karnataka and South Interior Karnataka.



# Table-1

# 7 Days Rainfall Forecast

S.No.	Subdivision	12-	13-	14-	15-	16-	17-	18-
S.110.	Subdivision	Nov						
		Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
	ANDAMAN & NICOBAR ISLANDS	SCT	SCT	SCT	SCT	SCT	FWS	SCT
	ARUNACHAL PRADESH	ISOL	DRY	DRY	DRY	DRY	DRY	DRY
	ASSAM & MEHGHALAYA	ISOL	DRY	DRY	DRY	DRY	DRY	DRY
	N. M. M. & T.	DRY						
	S.H. WEST BENGAL & SIKKIM	DRY						
	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						
16	JAMMU AND KASHMIR AND LADAKH	DRY	DRY	DRY	DRY	ISOL	DRY	DRY
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	ISOL	ISOL	DRY	DRY	ISOL	ISOL	SCT
29	TELANGANA	DRY						
30	RAYALASEEMA	ISOL	ISOL	DRY	DRY	ISOL	ISOL	SCT
31	TAMILNADU & PUDUCHERRY	ISOL	ISOL	ISOL	ISOL	SCT	SCT	FWS
32	COSTAL KARNATAKA	DRY	DRY	DRY	DRY	DRY	ISOL	ISOL
33	NORTH INTERIOR KARNATAKA	DRY						
34	SOUTH INTERIOR KARNATAKA	DRY	DRY	DRY	DRY	DRY	ISOL	ISOL
35	KERALA	SCT	SCT	SCT	SCT	FWS	FWS	FWS
36	LAKSHDWEEP	FWS	SCT	SCT	SCT	SCT	SCT	SCT
		. 113	551	301	301	331	301	- 551

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 2025-11-12

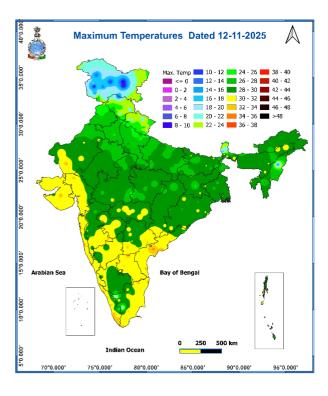


Fig. 3: Minimum Temperatures Dated 2025-11-12

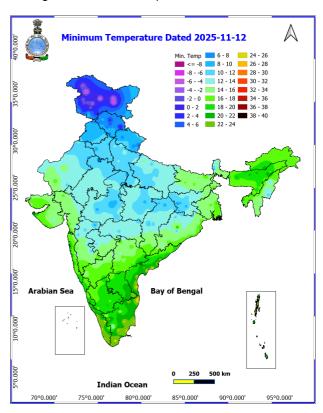


Fig. 2: Departure of Maximum Temp. Dated 2025-11-12

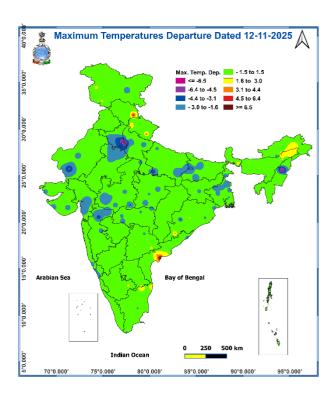
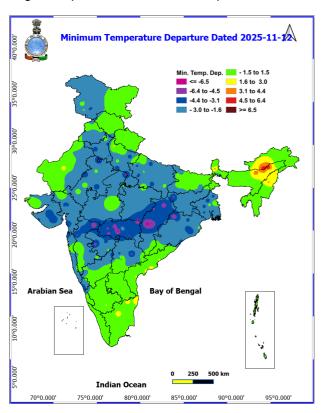
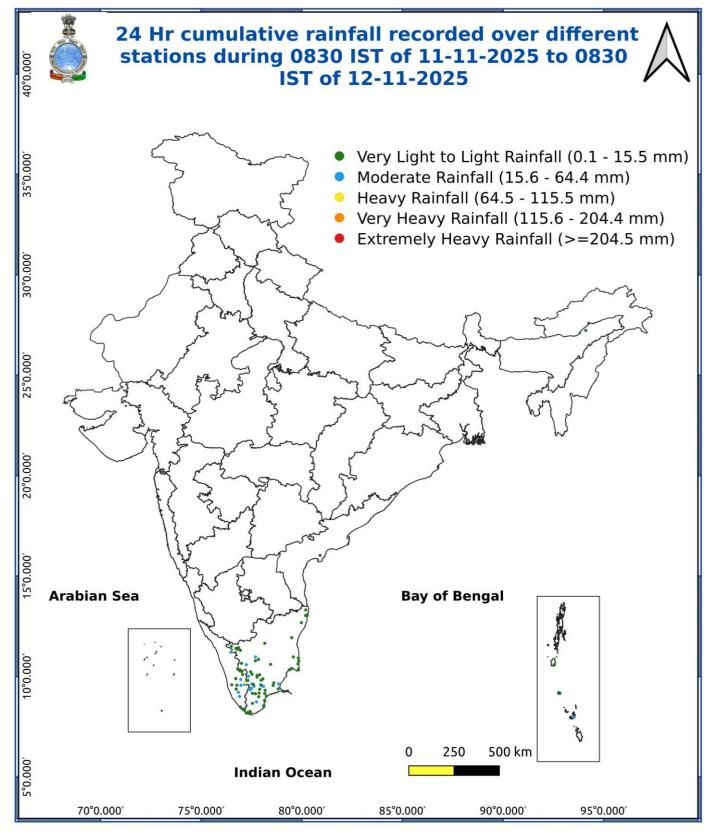


Fig. 4: Departure of Minimum Temp. Dated 2025-11-12









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Cold wave to Severe Cold wave conditions very likely over Madhya Pradesh on 12th & 13th 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 Rainfall / Cold Wave

In **Tamil Nadu**, harvest matured rice and groundnut crops only during clear weather and store the harvested produce in safer places. Make arrangements to drain out excess water from fields of rice, sugarcane, cotton, black gram, maize and vegetables and plantations of coconut, banana and black pepper to avoid water stagnation. Provide support to banana plants with wooden poles to prevent them from falling.

In **East Rajasthan**, **Madhya Pradesh** and **Chhattisgarh**, 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.

#### 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.
- 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

Provide mechanical support to horticultural crops and staking or support to vegetables and young fruit plants / fruit-

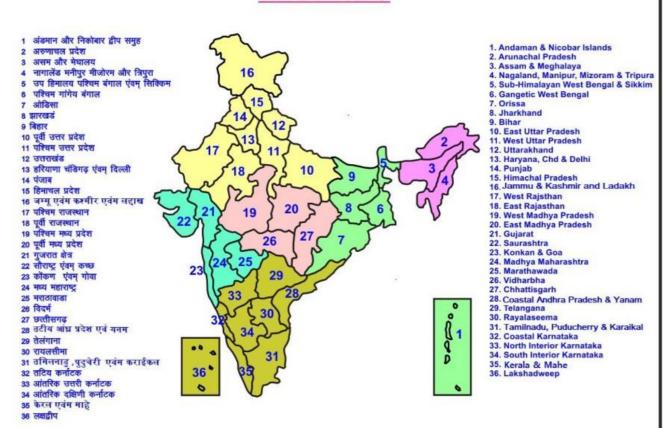


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bearing plants to avoid lodging due to strong winds.



# **LEGENDS**



# 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)

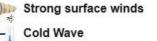
ALERT (BE PREPARED TO TAKE ACTION

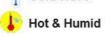
#### Probability of Occurrence (%) Terms Unlikely < 25 Likely 25 - 50 Very Likely 50 - 75 Most Likely > 75

Probabilistic Forecast

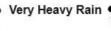
# WARNING (TAKE ACTION)























: Dust Raising Winds





**Ground Frost** 





	(L	EGENDS		
	WARNING	Probabilisti	c Forecast	
	WARNING (TAKE ACTION) ALERT ( BE PREPARED)	Terms Probat	solity of Occurrence (%) < 25 25 - 50	
	WATCH (BE UPDATED) NO WARNING ( NO ACTION)	Very Likely Most Likely	50 - 75 > 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 *			
	When maximum temperature of a s (a) Based on Departure from normal Heat Wave: Maximum Temperature Dep	al		
<b>j+</b> Heat Wave	Severe Heat Wave: Maximum Temperat (b). Based on Actual maximum tem	ure Departure from normal ≥6.5 perature		
Tiout Huve	Heat Wave: When actual maximum temp Severe Heat Wave: When actual maxim			
	( c). Criteria for heat wave for coas When maximum temperature departure is temperature ≥37°C		e may be described provided maximum	
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.				
	When minimum temperature of a (a). Based on departure  Cold Wave: Minimum Temperature Departure	station ≤10°C for plains		
0-	Severe Cold Wave: Minimum Temperatu			
Cold Wave	(b) Based on actual Minimum Tem Cold Wave: When Minimum Temperatur			
	Severe Cold Wave: When Minimum Ter ( c) For Coastal Stations When Minimum Temperature departure			
[]- Cold Day	When minimum temperature of a s Based on departure Cold Day: Maximum Temperature Departure Cold Day: Maximum Temperature	ture from normal -4.5 °C to -6.4	°C.	
0	Phenomenon of small droplets Moderate Fog: When the visibility between	een 500-200 metres	ne horizontal visibility < 1kn	
Fog	Dense Fog: when the visibility between 50-200 metres  Very Dense Fog: when the visibility < 50 metres			
## hunderstorm	Sudden electrical discharges manif sound (thunder)	ested by a flash of light (Li	ghtning) and a sharp rumbling	
Dust/Sand Storm	An ensemble of particles of dust or turbulent wind.	sand energetically lifted to	great heights by a strong and	
55	Ice deposits on ground			
Frost	Air temperature ≤4°C ( over Plains)			
€F	A strong wind that rises sudde Moderate: Wind speed 52-61 kmph Severe: Wind speed 62-87 kmph	enly, lasts for atleast 1 r	ninute.	
Squall	Very Severe: Wind speed >87 kmph			
Sea State	Effect of various waves in the sea Rough to very rough: Wind speed 41-6 High to very high: Wind speed 63-117 k Phenomenal: Wind speed >117 kmph (>	2 kmph (22-33 knots) & Wave h mph ( 34-63 knots) & Wave heig	ht 6-14 metre	
WOODE STREET	Cyclonic Storm: Wind speed 62-87 kmp			
-				
S Cyclone	Severe Cyclonic Storm: Wind speed 8i Very Severe Cyclonic Storm: Wind spe Extremely Severe Cyclonic Storm: Wind	eed 118-165 kmph (64 - 89 knot		