

# Government of India Ministry of Earth Sciences India Meteorological Department



Press Release Date: 10<sup>th</sup> October, 2025 Time of Issue: 1340 hours IST

Subject: (i) Conditions are favourable for further withdrawal of southwest monsoon from remaining parts of Maharashtra, Madhya Pradesh, Uttar Pradesh and Bihar; entire Jharkhand & Chhattisgarh and some parts of West Bengal, Sikkim, Odisha & Telangana during next 3-4 days.

(ii) Enhance rainfall activity with isolated heavy to very heavy falls likely to continue over South Peninsular India during next 3-4 days.

# Realised weather during past 24 hours till 0830 hours IST of today, the 10th October, 2025:

- Heavy to very heavy rainfall (7-20 cm) has been recorded at isolated places over Tamil Nadu
- ❖ Heavy rainfall (7-11 cm) has been recorded at isolated places over Coastal Andhra Pradesh, Telangana Rayalaseema & South Interior Karnataka

For more details of realised weather, kindly refer Annexure I.

#### Withdrawal of southwest Monsoon:

- The southwest monsoon has further withdrawn from remaining parts of Gujarat; some parts of Maharashtra; most parts of Madhya Pradesh & Uttar Pradesh and some parts of Bihar today on 10th October, 2025. Annexure II.
- The line of withdrawal of southwest monsoon now passes through 28°N/86°E, Raxaul, Varanasi, Jabalpur, Akola, Ahilyanagar, Alibag and 18.5°N/72°E.
- Conditions are favourable for further withdrawal of southwest monsoon from remaining parts of Maharashtra, Madhya Pradesh, Uttar Pradesh and Bihar; entire Jharkhand& Chhattisgarh and some parts of West Bengal, Sikkim, Odisha & Telangana during next 3-4 days.

#### Weather Systems, Forecast and Warnings (refer to Annexure III & IV):

- ❖ Yesterday's low-pressure area (Remnant of Cyclonic Storm "Shakhti" [Pronunciation: Shakhti]) over westcentral Arabian Sea persists over the same region at 0830 hrs IST of today, the 10th October, 2025.
- The upper air cyclonic circulation lay over south Bangladesh & adjoining north Bay of Bengal in lower & middle tropospheric levels tilting southwestwards with height.
- ❖ An upper air cyclonic circulation lay over North Coastal Tamil Nadu & neighbourhood in lower & middle tropospheric level
- An upper air cyclonic circulation lies over north Coastal Andhra Pradesh & neighbourhood at lower tropospheric level.
- An upper air cyclonic circulation lies over south assam & neighbourhood at lower tropospheric level.
- A Western Disturbance seen as a cyclonic circulation over Haryana & neighbourhood in lower tropospheric level with a trough aloft in middle tropospheric westerlies with roughly along Long. 75°E to the north of Lat. 30°N.

# Under the influence of these systems, the following weather is likely:

#### **South Peninsular India:**

- ❖ Light to moderate rain/thunderstorm at some/ isolated places with isolated **heavy rainfall** likely over Tamil Nadu, South Interior Karnataka, Coastal Andhra Pradesh & Yanam and Kerala & Mahe during 10th -13th; Rayalaseema on 10<sup>th</sup> & 11<sup>th</sup>; Coastal Karnataka 10<sup>th</sup> October with **very heavy rainfall** over north Tamil Nadu and South Interior Karnataka on 10<sup>th</sup> & 11<sup>th</sup> October.
- ❖ Strong surface winds (speed reaching 30-40 kmph) over Coastal Andhra Pradesh & Yanam on 10<sup>th</sup> & 11<sup>th</sup> October.
- Thunderstorm with lightning likely over south Peninsular India during next 4-5 days.

#### **East and Central India:**

- ❖ Light to moderate rain/thunderstorm at some/ isolated places with isolated **heavy rainfall** likely over Odisha during 10<sup>th</sup> − 11<sup>th</sup> October.
- ❖ Thunderstorm with lightning and gusty winds (speed reaching 30-40 kmph) likely over Odisha, during 10<sup>th</sup> -12<sup>th</sup>; Gangetic West Bengal 10<sup>th</sup> & 11<sup>th</sup>; with lightning over Chhattisgarh on 10<sup>th</sup> & 11<sup>th</sup> October.

#### **Northeast India:**

❖ Light/moderate rain/thunderstorm at some/isolated places with isolated **heavy rainfall** likely over Arunachal Pradesh and Assam & Meghalaya, on 10<sup>th</sup>; Nagaland, Manipur, Mizoram & Tripura on 10<sup>th</sup> & 11<sup>th</sup> October.

#### **Fishermen Warning**

#### Arabian Sea:

Some parts of westcentral Arabian Sea on 10th October.

#### **Bay of Bengal:**

Gulf of Mannar & adjoining Comorin area during 10th October to 12th October.

ii. Weather conditions and forecast over Delhi/NCR during 10<sup>th</sup> to 13<sup>th</sup> October, 2025 (Annexure V) For more details, kindly refer National Weather Bulletin:

https://mausam.imd.gov.in/responsive/all india forcast bulletin.php

 $\textbf{For District wise warnings refer: } \underline{\texttt{https://mausam.imd.gov.in/responsive/districtWiseWarningGIS.php} \\$ 

For Fishermen warning refer <a href="https://rsmcnewdelhi.imd.gov.in/fishermen-warning.php">https://rsmcnewdelhi.imd.gov.in/fishermen-warning.php</a>

# Rainfall recorded (in cm) during past 24 hours till 0830 hours IST of today, the 10<sup>th</sup> October (≥ 7cm):

Tamil Nadu, Puducherry & Karaikal: Arcot (dist Ranipet), Palar Anicut (dist Ranipet) 12 Each; Chengam (dist Tiruvannamalai) 11; Kcs Mill-1 Kadavanur (dist Kallakurichi) 10; Srimushnam (dist Cuddalore), Arani (dist Tiruvannamalai), Thandarampettai (dist Tiruvannamalai), Panapakkam (dist Ranipet), Ranipet AWS (dist Ranipet) 9 Each; K.paramathi (dist Karur), Wallajah (dist Ranipet), Anaippalayam (dist Karur), Rscl-3 Semmedu (dist Villupuram), Kunderipallam (dist Erode) 8 Each; Gobichettipalayam (dist Erode), Marandahalli (dist Dharmapuri), Pallipattu (dist Tiruvallur), Arakonam (dist Ranipet), Vellore (dist Vellore), Tiruppur AWS (dist Tiruppur), Gummidipoondi (dist Tiruvallur), Ponnai Dam (dist Vellore), Kcs Mill-1 Moongilthura (dist Kallakurichi), Kodanad (dist Nilgiris), Minnal (dist Ranipet), Kannadaian Anicut (dist Tirunelveli) 7 Each;

**South Interior Karnataka**: Maddur (dist Mandya) 11; Chintamani PTO (dist Chikaballapura) 8; Hunsur (dist Mysuru), Sira (dist Tumakuru), Tiptur (dist Tumakuru), Channagiri (dist Davangere) 7 Each;

**Rayalaseema**: Nagari (dist Chittoor), Kuppam (dist Chittoor) 9 Each; Chittoor (dist Chittoor) 8; Pulivendla (dist Ysr District) 7;

**Coastal Andhra Pradesh & Yanam**: Yerragondapalem (dist Prakasam), Palakoderu (dist West Godavari), Mentada (dist Vizianagaram), Udayagiri (dist Spsr Nellore) 7 Each;

Telangana: Nawabpetmbn (dist Mahabubnagar) 7.

#### **Annexure II**

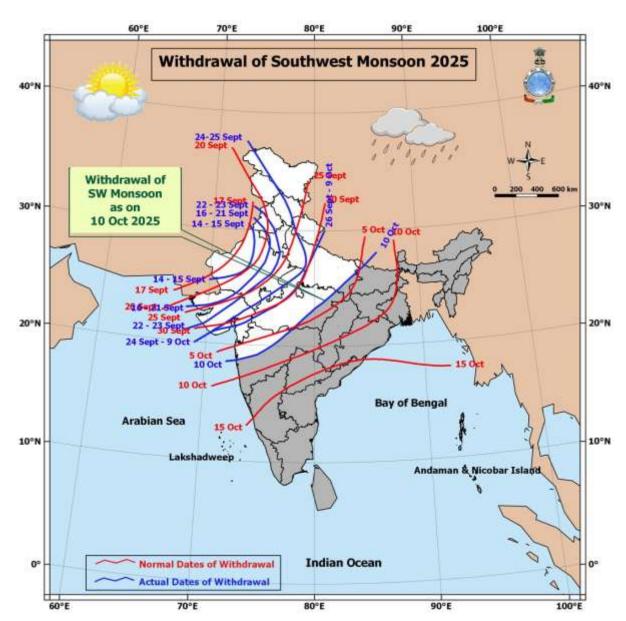
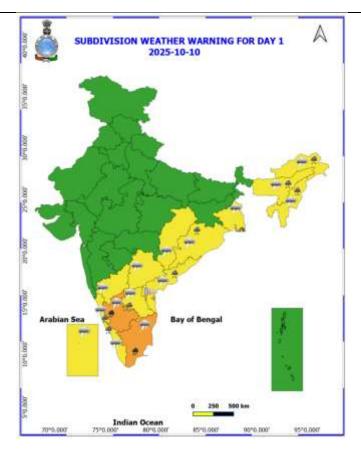
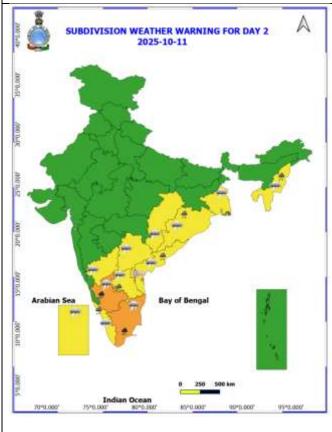


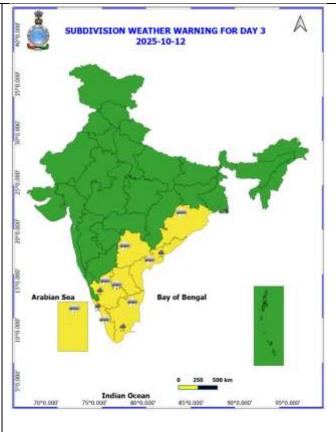
Table-1								
7 Days Rainfall Forecast								
S.No.	Subdivision				13- Oct			
		Day 1				Day 5		
1	ANDAMAN & NICOBAR ISLANDS	FWS				SCT	ISOL	ISO
	ARUNACHAL PRADESH	SCT			The second secon	ISOL	DRY	DRY
3	ASSAM & MEHGHALAYA	SCT			ISOL	ISOL	DRY	DRY
- Artisticile	NAGALAND, MANIPUR, MIZORAM AND TRIPURA	FWS				SCT	ISOL	ISO
5	SUB HIMALAYAN WEST BENGAL & SIKKIM	ISOL	Annual Control of the	A commercial and a second seco	ISOL	ISOL	ISOL	ISO
6	GANGETIC WEST BENGAL	SCT	ISOL	ISOL	ISOL	DRY	DRY	DRY
7	ODISHA	SCT	SCT	SCT	ISOL	ISOL	ISOL	ISOL
8	JHARKHAND	ISOL	DRY	DRY	DRY	DRY	DRY	DRY
9	BIHAR	ISOL	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	ISOL	DRY	DRY	DRY	DRY	DRY	DRY
13	HARYANA, CHANDIGARH & DELHI	DRY	DRY	DRY	DRY	DRY	DRY	DRY
14	PUNJAB	DRY	DRY	DRY	DRY	DRY	DRY	DRY
15	HIMACHAL PRADESH	ISOL	DRY	DRY	DRY	DRY	DRY	DRY
16	JAMMU AND KASHMIR AND LADAKH	ISOL	DRY	DRY	DRY	DRY	DRY	DRY
17		DRY			DRY	DRY	DRY	DRY
18	EAST RAJASTHAN	DRY			DRY	DRY	DRY	DRY
19	TO A MANUFACTURE OF THE PROPERTY OF THE PROPER	DRY		DRY	DRY	DRY	ISOL	ISO
20		ISOL		DRY	DRY	DRY	ISOL	ISOL
21	GUJRAT REGION	DRY		The second section is a second section of the second section is a second section of the second section of the second section is a second section of the section of the second section of the section of the second section of the second section of the secti	DRY	DRY	DRY	DRY
22	SAURASHTRA & KUTCH	DRY		THE RESERVE AND ADDRESS OF THE PERSON NAMED IN	DRY	DRY	DRY	DRY
23	KONKAN & GOA	ISOL	ISOL	DRY	DRY	DRY	ISOL	ISO
24	MADHYA MAHARASHTRA	ISOL		DRY	DRY	DRY	ISOL	ISO
25		DRY			DRY	DRY	ISOL	ISO
_	VIDARBHA	DRY			DRY	ISOL	ISOL	ISO
27	CHHATTISGARH	SCT	The second name of the last		ISOL	ISOL	ISOL	ISO
28	COASTAL ANDHRA PRADESH	FWS	A STATE OF THE PARTY OF THE PAR			FWS	FWS	SC
29	TELANGANA	ISOL				SCT		SC
30	NATIONAL PROPERTY OF A STATE OF THE STATE OF	FWS				FWS	FWS	SCT
31	TAMILNADU & PUDUCHERRY	FWS		SCT	SCT	SCT	SCT	ISO
32	COSTAL KARNATAKA	FWS		SCT		ISOL	SCT	SCT
33	NORTH INTERIOR KARNATAKA	ISOL				ISOL	ISOL	ISO
34	CONTROL OF A STATE OF	100L	FWS			SCT		SC
	KERALA AND MAHE	FWS				FWS	SCT	SC
- svereigh	LAKSHADWEEP	TWO	FWS			SCT	SCT	SCT

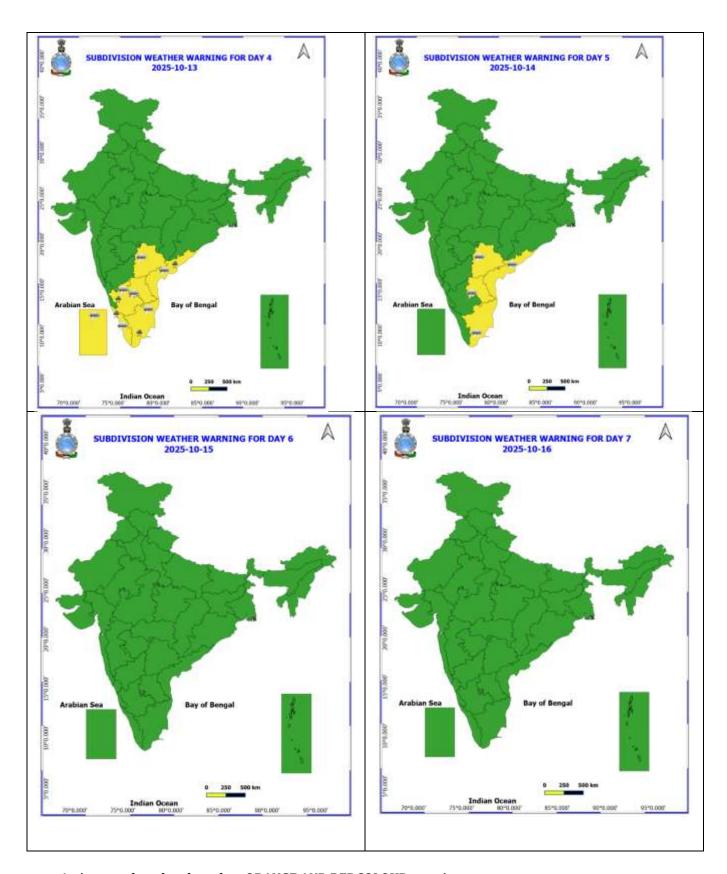
• As the lead period increases forecast accuracy decrease.

# **ANNEXURE IV**









- Action may be taken based on ORANGE AND REDCOLOUR warnings.
- Vulnerable regions likely urban and hilly areas action may be initiated for heavy rainfall warning.
- As the lead period increases forecast accuracy decreases.

DetaileddistrictwiseMultiHazardweatherwarningfornextfivedaysavailableat <a href="https://mausam.imd.gov.in/responsive/districtWiseWarningGIS.php">https://mausam.imd.gov.in/responsive/districtWiseWarningGIS.php</a>

#### Weather forecast over Delhi/NCR during 10th to 13th October 2025

#### **Past Weather:**

There has been fall in the minimum temperature up to  $1-2^{\circ}C$  and rise in maximum temperature up to  $1-3^{\circ}C$  over Delhi/NCR during the past 24 hours. The maximum and minimum temperatures over Delhi were around 28 to  $30^{\circ}C$  and 17 to  $19^{\circ}C$  respectively. The minimum temperature was below normal up to  $2-4^{\circ}C$  and maximum temperature was below normal up to  $3-5^{\circ}C$ . Mainly clear sky conditions with predominant surface wind from the northwest direction with wind speeds up to 16 kmph prevailed during the past 24 hours. Mainly clear sky conditions with a wind speed of less than 12 kmph from the west direction prevailed over the region in the forenoon today.

#### **Weather Forecast:**

**10.10.2025:** Mainly clear sky. The maximum and minimum temperatures over Delhi are likely to be in the range of 29 to  $31^{\circ}$ C. The maximum temperature will be below normal up to  $2-4^{\circ}$ C. The predominant surface wind will likely to be from the northwest direction with a wind speed of up to 10-15 kmph during afternoon hours. The wind speed will decrease becoming less than 10 kmph from the northwest direction during the evening and night.

**11.10.2025:** Clear sky. The maximum and minimum temperatures over Delhi are likely to be in the range of 31 to 33°C and 18 to 20°C respectively. The minimum temperature will be below normal up to 1 - 2°C and the maximum temperature will be below normal up to 1 - 3°C. The predominant surface wind will likely to be from the northwest direction with a wind speed of up to 05-10 kmph during morning hours. The wind speed will gradually increase becoming less than 15 kmph from the northwest direction in the afternoon. The wind speed will decrease becoming less than 10 kmph from the northwest direction during the evening and night.

**12.10.2025:** Clear sky. The maximum and minimum temperatures over Delhi are likely to be in the range of 31 to 33°C and 18 to 20°C respectively. The minimum temperature will be below normal up to 1 - 3°C and the maximum temperature will be below normal up to 1 - 3°C. The predominant surface wind will likely to be from the northwest direction with a wind speed of up to 05-10 kmph during morning hours. The wind speed will increase becoming less than 15 kmph from the northwest direction in the afternoon. The wind speed will gradually decrease becoming less than 10 kmph from the north direction during the evening and night.

**13.10.2025:** Clear sky. The maximum and minimum temperatures over Delhi are likely to be in the range of 31 to 33°C and 19 to 21°C respectively. The minimum temperature will be below normal up to 1 - 2°C and the maximum temperature will be below normal up to 1 - 3°C. The predominant surface wind will likely to be from the northwest direction with a wind speed of up to 05 - 10 kmph during morning hours. The wind speed will increase becoming less than 12 kmph from the northwest direction in the afternoon. The wind speed will gradually decrease becoming less than 10 kmph from the southeast direction during the evening and night.

#### Impact & Action Suggested due to

➤ Very heavy rainfall over Tamil Nadu and South Interior Karnataka on 10<sup>th</sup> & 11<sup>th</sup> 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.

# Agromet advisories for likely impact of Heavy / Heavy to Very Heavy Rainfall

- > In South Interior Karnataka, keep the harvested produce of groundnut, maize, pepper, cardamom, turmeric and coffee to dry, covered and ventilated areas or cover them with tarpaulins in the fields. Drain out excess water from fields of rice, maize, finger millet, pigeon pea, soybean, groundnut, vegetable crops and plantations of banana, black pepper, coconut and arecanut to avoid waterlogging.
- ➤ In Tamil Nadu, store the harvested produce of rice and groundnut in safer places. Provide adequate drainage facilities in fields of rice, cotton, turmeric and vegetables and plantations of coconut and banana to avoid water stagnation.
- ➤ In Kerala, make provision to drain out excess water from rice fields and plantations of banana, coconut, arecanut and black pepper.
- In Rayalseema, store the harvested fruits and vegetables in safer places. Drain out excess water from fields of rice, groundnut, cotton, turmeric and vegetables.
- ➤ In Coastal Andhra Pradesh, provide adequate drainage facilities in fields of rice, maize, pigeon pea, black gram, green gram, groundnut, turmeric, vegetables and plantations of coconut, arecanut, banana, coffee and black pepper.
- > In Coastal Karnataka, make necessary arrangements to drain out excess water from fields of rice and plantations of coconut and arecanut.
- In Assam, harvest all the matured vegetables (tomato, cucumber, brinjal etc). Ensure proper drainage of excess water from fields of Sali rice, black gram, green gram and vegetables.
- ➤ In Meghalaya, make necessary arrangements to drain out excess water from fields of standing crops, vegetables and fruit orchards.
- In Odisha, ensure proper drainage in fields of rice, maize, green gram, black gram, groundnut, cotton and vegetables to prevent waterlogging.

# **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 / Gusty Winds / Squally 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.
- > Tie the harvested crops properly and cover them to minimise the risk of displacement due to strong surface winds.



#### राष्ट्रीय मौसम पूर्वानुमान केन्द्र भारत मौसम विज्ञान विभाग पृथ्वी विज्ञान मंत्रालय



#### National Weather Forecasting Centre India Meteorological Department Ministry of Earth Sciences

# **LEGENDS**



# SPATIAL DISTRIBUTION (% of Stations reporting)

% Stations	Category		% Stations	Cate	gory		
76-100	Widespread (WS/Most Places)		26-50	Scattered (SCT/A Few Places)			
51-75	Fairly Widesp	read (FWS/Many Places)	1-25	isolated (ISOL)			
Fog		Heavy Snow	Cold Wave	COLOUR CO	COLOUR CODED WARNING No Warning (No Action)		
		-	#	No Warni			
Heavy Rain		<b>⊜</b> Dust Storm	Cold Day	Watch (B	Watch (Be Aware)		
Very Heavy Rain		+ Heat Wave	Ground Fro	Alert (Be	Alert (Be Prepared To Take Action)		
Extremely	Heavy Rain	+ Warm Night		Warning	Warning (Take Action)		
<b>.</b>	0 1:-ba-:	+ Hot Day	+ Hot Day		bilistic Forecast		
Thunder & Lightning		4		Terms	Probability of Occurrence (%		
Hailstorm 👍 Hot		Hot & Humid		Unlikely Likely Very Likely	< 25 25 - 50 50 - 75		
Dust Raising Winds Strong Surface W			ds	Most Likely	> 75		





	Heavy: 64.5 to 115.5 mm/cm *
Rain/ Snow *	Very Heavy: 115.8 to 204.4 mm/cm*
Kanir Snow	Extremely Heavy: > 204.4 mm/cm *
	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
Heat Wave	(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
	When maximum temperature remains 40°C
Warm Night	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 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.
Coldina	Severe Cold Wave: Minimum Temperature Departure from normal ≤ -6.5 °C
Cold Wave	(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
2.000.2110.00.2	When minimum temperature of a station ≤10°C for plains and ≤0°C for hilly regions Based on departure
Cold Day	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
	Phenomenon of small droplets suspended in air and the horizontal visibility < 1km
120	Moderate Fog: When the visibility between 500-200 metres
Fog	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
riost	Air temperature ≤4°C ( over Plains)
	A strong wind that rises suddenly, lasts for atleast 1 minute.
	Moderate: Wind speed 52-61 kmph
Squall	Severe: Wind speed 62-87 kmph
	Very Severe: Wind speed >87 kmph
	Effect of various waves in the sea over specific area
Sea State	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
	Cyclonic Storm: Wind speed 62-87 kmph (34-47 knots)
	The Control of the Co
	Severe Cyclonic Storm: Wind speed 88-117 kmph (48-63 knots)
Cyclone	Severe Cyclonic Storm: Wind speed 88-117 kmph (48-63 knots)  Very Severe Cyclonic Storm: Wind speed 118-165 kmph (64 - 89 knots)
Cyclone	