

# Government of India Ministry of Earth Sciences India Meteorological Department



Press Release Date: 11<sup>th</sup> November, 2025 Time of Issue: 1240 hours IST

Subject: (i) Cold wave conditions over isolated pockets of Madhya Pradesh, south Haryana, northeast Rajasthan and Chhattisgarh very likely to prevail during 11<sup>th</sup> – 15<sup>th</sup> November, 2025. (ii) Isolated heavy rainfall very likely over Tamil Nadu on 11<sup>th</sup> & 12<sup>th</sup>; over Kerala & Mahe on 11<sup>th</sup> November.

### Realised weather during past 24 hours ending at 0830 hours IST of today, the 11th November, 2025:

- **Cold wave to severe cold wave conditions** prevailed over some parts of West Madhya Pradesh; isolated parts of East Madhya Pradesh and **cold wave conditions** in isolated pockets of Haryana & Chhattisgarh. The temperatures were appreciably below normal over remaining parts of these states.
- Cold day conditions prevailed in isolated pockets of East Madhya Pradesh.
- ❖ Fog Condition Observed: Dense fog conditions at isolated places over Odisha; Moderate fog conditions at isolated places over Himachal Pradesh; Shallow fog conditions at isolated places over Assam & Meghalaya, Uttar Pradesh, Haryana Chandigarh & Delhi and Himachal Pradesh.

#### Weather Systems, Forecast and Warnings (refer to ANNEXURE I & II):

- ❖ An **upper air cyclonic circulation** lay over Tripura & neighbourhood in lower tropospheric levels.
- An **upper air cyclonic circulation** lay over southeast Arabian Sea off south Kerala coast in lower tropospheric levels.

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

- Light to moderate rainfall/thunderstorm at most/many places with **isolated heavy rainfall** very likely over Tamil Nadu on 11<sup>th</sup> & 12<sup>th</sup>; over Kerala & Mahe on 11<sup>th</sup> November.
- Thunderstorm with lightning very likely over Tamil Nadu during 11th -12th; over Kerala & Mahe 11th November.

# Temperature Conditions during past 24 hours till 0830 hours IST of today:

- ❖ Minimum temperatures are in range 7-10°C at many places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, at a few places over Punjab, Himachal Pradesh; at isolated places over north Haryana, Uttarakhand, Rajasthan, Madhya Pradesh, Madhya Maharashtra, Chhattisgarh and Uttar Pradesh.
- ❖ Minimum Temperature Departures are below normal (-1.6°C to -3.0°C) at many places over East Rajasthan and
- ❖ Marathwada; at few places over East Uttar Pradesh; at isolated places over Gujarat Region. appreciably below normal (-5.0°C to -3.1°C) at many places over Vidarbha; at few places over North Interior Karnataka. markedly below normal (< -5.0°C) at most places over East Madhya Pradesh. The lowest minimum temperature of 6.5°C is reported at Adampur (Punjab) over the plains of India.

# Forecast of temperature and cold wave warnings:

- **❖ Cold wave to Severe Cold wave conditions very likely over** Madhya Pradesh during 11<sup>th</sup> -12<sup>th</sup> and **Cold wave conditions** in isolated pockets during 13<sup>th</sup> -15<sup>th</sup> November.
- ❖ **Cold wave conditions** very likely to prevail in isolated pockets over south Haryana, northeast Rajasthan and Chhattisgarh during 11<sup>th</sup> − 15<sup>th</sup> November.
- ❖ No large change in minimum temperature likely over northwest, central and east India during next 6-7 days.

# ii) Weather conditions and forecast over Delhi/NCR during 11 $^{\text{th}}$ -14 $^{\text{th}}$ November, 2025 (ANNEXURE III)

For more details, kindly refer National Weather Bulletin:

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

For District wise warnings refer: <a href="https://mausam.imd.gov.in/responsive/districtWiseWarningGIS.php">https://mausam.imd.gov.in/responsive/districtWiseWarningGIS.php</a>

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

## Significant rainfall recorded(in cm) (from 0830 hours IST of yesterday to 0830 hours IST of today):

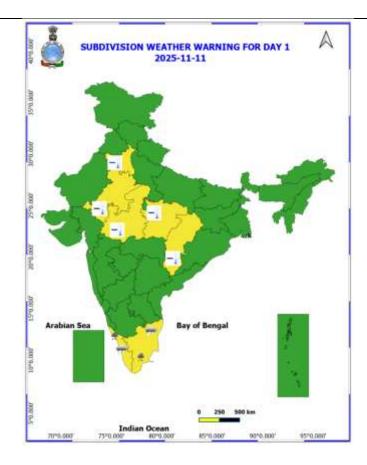
**Tamil Nadu, Puducherry & Karaikal**: Mandapam (dist Ramanathapuram) 5; Cheranmahadevi (dist Tirunelveli) 3; Kamudhi (dist Ramanathapuram) 2.

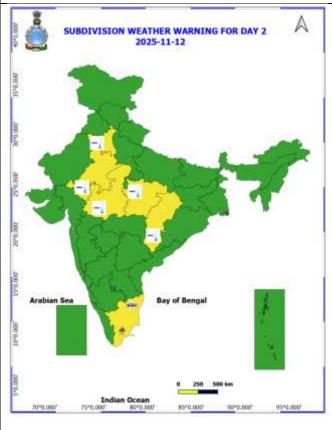
# **ANNEXURE I**

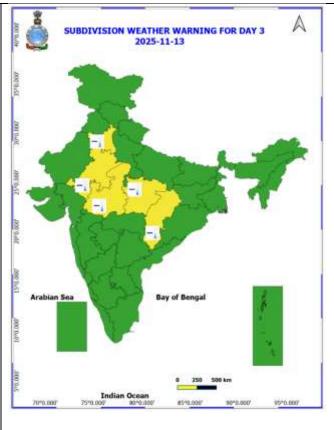
	Table	Date of the latest and the latest an						
	7 Days Rainfa	THE REAL PROPERTY.	Scott St.					
S.No.	Subdivision				14- Nov			
		Day 1			The second secon	Day 5		-
1		ISOL				SCT	ISOL	SCT
2		DRY		DRY	-	DRY	DRY	DRY
	ASSAM & MEHGHALAYA	DRY		DRY	DRY	DRY	DRY	DRY
	NAGALAND, MANIPUR, MIZORAM AND TRIPURA	ISOL	The second second	DRY	DRY	DRY	DRY	DRY
5	SUB HIMALAYAN WEST BENGAL & SIKKIM	DRY		DRY		DRY	DRY	DRY
6	GANGETIC WEST BENGAL	DRY	- The Section According	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, CHANDIGARH & 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	DRY	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		DRY	DRY	DRY	DRY	DRY	DRY	DRY
21		DRY	- Control Sciences	DRY	DRY	DRY	DRY	DRY
22		DRY	DRY	DRY	DRY	DRY	DRY	DRY
23	KONKAN & GOA	DRY	DRY	DRY	DRY	DRY	DRY	DRY
24		DRY	DRY	DRY	DRY	DRY	DRY	DRY
25	MARATHWADA	DRY		DRY		DRY	DRY	DRY
	VIDARBHA	DRY	- Committee and Adaptive and Ad	DRY	Commission of the Commission o	DRY	DRY	DRY
27	CHHATTISGARH	DRY	- Control Name of Addition	DRY	Assessment American Science of the	DRY	DRY	DRY
28		ISOL		ISOL	DRY	DRY	DRY	ISOL
29	Control of the Contro	DRY			DRY	DRY	DRY	DRY
30	THE PROPERTY OF THE PROPERTY O	ISOL		ISOL	and the second second	DRY	DRY	ISOL
31	TAMILNADU & PUDUCHERRY	ISOL	_	ISOL		ISOL	SCT	SCT
32		DRY				DRY	DRY	DRY
33		DRY		DRY	DRY	DRY	DRY	DRY
34		DRY		DRY		DRY	DRY	DRY
	KERALA AND MAHE	SCT		SCT		SCT	SCT	SCT
	LAKSHADWEEP	SCT				SCT	SCT	SCT

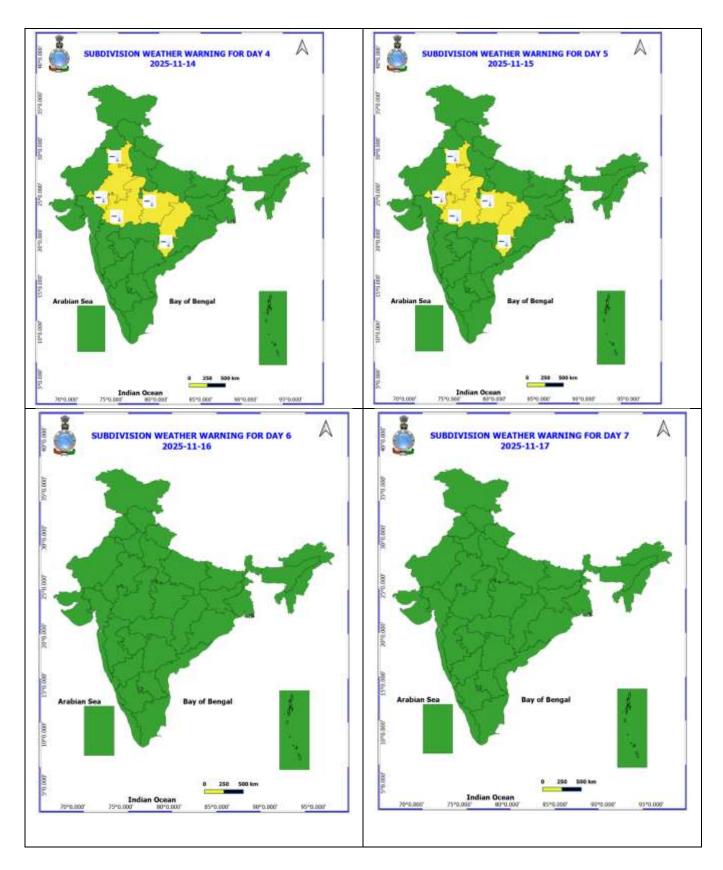
• As the lead period increases forecast accuracy decrease.

# **ANNEXURE II**









- 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 11th to 14th November 2025

#### Past Weather:

There has been no significant change in minimum and maximum temperatures during past 24 hours over Delhi. The maximum and minimum temperatures over Delhi were around 25 to 27 °C and 10 to  $11^{\circ}$ C respectively. The minimum temperatures were appreciably below normal over most places (-3.0 to -4.0°C) & markedly below normal at isolated places (-5.0 to -6.0°C). The maximum temperatures were below normal (-1.0 to -3.0°C) at many places and appreciably below normal (-3.0 to 4.0 °C) at isolated places over Delhi. Shallow fog was reported at Safdarjung and Palam airport. Safdarjung airport recorded the lowest visibility 600m from 0630 Hrs IST to 0830 Hrs IST on 11.11.2025 which thereafter improved becoming 700m at 0900 Hrs IST. Palam airport recorded the lowest visibility 700m from 0800 Hrs IST to 0930 Hrs IST on 11.11.2025 which thereafter improved becoming 800m at 1000 Hrs IST. Mainly clear sky conditions with predominant surface wind from the west direction with a wind speed up to 08 kmph prevailed during the past 24 hours. Mainly clear sky conditions with calm wind in early morning hours as gradually increase becoming up to 10 kmph from the southwest direction prevailed over the region in the forenoon today.

#### **Weather Forecast:**

**11.11.2025**: Mainly clear sky. Mist/haze during night. The maximum temperatures were in the range of 26 to 28°C. The maximum temperature will be below normal by 1 - 2°C. The predominant surface wind will likely to be from the northwest direction with a wind speed of up to 20 kmph during afternoon hours. The wind speed will decrease becoming less than 10 kmph from the northwest direction during the evening and night.

**12.11.2025**: Mainly clear sky with smog/shallow during morning hours. The maximum and minimum temperatures over Delhi are likely to be in the range of 26 to  $28^{\circ}$ C and 10 to  $12^{\circ}$ C respectively. The minimum temperatures were below normal over most places (-1 to -3°C) & appreciably below normal at isolated places (-3 to -4°C) and the maximum temperature will be below normal up to  $1 - 2^{\circ}$ C. The predominant surface wind will likely to be from the northwest direction with a wind speed up to 15 kmph during morning hours. The wind speed will gradually increase becoming up to 20 kmph from the northwest direction in the afternoon. The wind speed will decrease becoming less than 12 kmph from the northwest direction during the evening and night.

**13.11.2025**: Mainly clear sky with mist/haze during morning hours. The maximum and minimum temperatures over Delhi are likely to be in the range of 26 to  $28^{\circ}$ C and 10 to  $12^{\circ}$ C respectively. The minimum temperatures were below normal over most places (-1 to -3°C) & appreciably below normal at isolated places (-3 to -4°C) and the maximum temperature will be below normal up to 1 -  $2^{\circ}$ C. The predominant surface wind will likely to be from the northwest direction with a wind speed up to 15 kmph during morning hours. The wind speed will increase up to 20 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.

**14.11.2025**: Mainly clear sky with mist/haze during morning hours. The maximum and minimum temperatures over Delhi are likely to be in the range of 25 to  $27^{\circ}$ C and 09 to  $11^{\circ}$ C respectively. The minimum temperatures were below normal over most places (-2 to -3°C) & appreciably below normal at isolated places (-3 to -4°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 up to 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 decrease becoming less than 08 kmph from the northwest direction during the evening and night.

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

❖ Cold wave to Severe Cold wave conditions very likely over Madhya Pradesh 11th -12th 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 likely impact of Heavy Rainfall

- ➤ 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 Haryana, 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 / 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.

# 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.

## **Legends & abbreviations:**

- **♦ Heavy Rain:**64.5-115.5mm; **Very Heavy Rain:**115.6-204.4mm; **Extremely Heavy Rain:** >204.4mm.
- ❖ Obsy: Observatory; Automatic Weather Station; ARG: Automatic Rain Gauge; dist: District: NH: National Highway; KVK: Krishi Vigyan Kendra; DVC: Damodar Valley Corporation; PTO: Part Time Office, Aero: Aerodrome, IAF: Indian Air Force.
- **Region wise classification of meteorological Sub-Divisions:** 
  - Northwest India: Western Himalayan Region (Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh and Uttarakhand); Punjab, Haryana-Chandigarh-Delhi; West Uttar Pradesh, East Uttar Pradesh, West Rajasthan and East Rajasthan.
  - Central India: West Madhya Pradesh, East Madhya Pradesh, Vidarbha and Chhattisgarh.
  - **East India:** Bihar, Jharkhand, Sub-Himalayan West Bengal & Sikkim; Gangetic West Bengal, Odisha and Andaman & Nicobar Islands.
  - Northeast India: Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.
  - West India: Gujarat Region, Saurashtra & Kutch, Konkan & Goa, Madhya Maharashtra and Marathawada.
  - South India: Coastal Andhra Pradesh & Yanam, Telangana, Rayalaseema, Coastal Karnataka, North Interior Karnataka, South Interior Karnataka, Kerala & Mahe, Tamil Nadu, Puducherry & Karaikal and Lakshadweep.



#### 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	ations 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	DED WARNING		
		-	#	No Warni	No Warning (No Action)		
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			Probabilistic Forecast		
Thunder & Lightning		4		Terms	Probability of Occurrence (%		
Hailstorm Phot & Humi				Unlikely Likely Very Likely	< 25 25 - 50 50 - 75		
Dust Raising Winds Strong Surface Win			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	