

Government of India Ministry of Earth Sciences India Meteorological Department



Press Release Date: 15th October, 2025 Time of Issue: 1315 hours IST

Subject: (i)Enhance rainfall activity with isolated heavy to very heavy falls likely to continue over Kerala, Tamil Nadu and Puducherry during next 7 days.

(ii) Conditions are favourable for further withdrawal of southwest monsoon from remaining parts of country during next 24 hours. Simultaneously with the setting in of easterly & northeasterly winds over southern peninsular India and south & adjoining central Bay of Bengal, the Northeast Monsoon rainfall activity is likely to commence over southeast peninsular region during the same period.

Realised weather during past 24 hours ending at 0830 hours IST of today, the 15th October, 2025:

- * Heavy to very heavy rainfall (7-20 cm) has been recorded at isolated places over Tamil Nadu and Kerala.
- ❖ Heavy rainfall (7-11 cm) has been recorded at isolated places over Coastal Karnataka.
 For more details of realised weather, kindly refer ANNEXURE I.

Withdrawal of southwest Monsoon:

- ❖ The line of withdrawal of southwest monsoon continue to pass through 14°N/72°E, Karwar, Kalaburagi, Nizamabad, Kanker, Chandbali, 21.0°N/90.0°E, 22.0°N/95.0°E & 23.0°N/98.0°E. (ANNEXURE II)
- Conditions are favourable for further withdrawal of **southwest monsoon** from remaining parts of country during next 24 hours. Simultaneously with the setting in of easterly & northeasterly winds over southern peninsular India and south & adjoining central Bay of Bengal, the **Northeast Monsoon** rainfall activity is likely to commence over south east peninsular region during the same period.

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

- An **upper air cyclonic circulation** lay over south coastal Tamil Nadu & adjoining Comorin Area in lower tropospheric levels.
- ❖ An **upper air cyclonic circulation** lay over southeast Arabian Sea & adjoining Lakshadweep area in lower & middle tropospheric levels tilting southward with height. Under its influence, a **low pressure area** is likely to form over southeast Arabian Sea & Lakshadweep area off Kerala-Karnataka coasts around 19th October. 2025.

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** over Tamil Nadu during 15th -20th; Kerala & Mahe during 15th -21st; Lakshadweep during 16th -21st; Coastal Andhra Pradesh & Yanam and Rayalaseema during 15th -17th; Coastal & South Interior Karnataka on 15th & 16th October; with **very heavy rainfall** over Tamil Nadu during 15th-17th and Kerala & Mahe on 16th & 17th October.
- Thunderstorm with lightning and gusty wind (speed reaching 30-40 kmph) over the region for next 5 days.

East & Central India:

Thunderstorm with lightning and gusty winds (speed reaching 30-40 kmph) over south Odisha on 15th & 16th; with lightning over Madhya Pradesh on 16th October.

West India:

❖ Thunderstorm with lightning over Konkan & Goa during 15th -17th; Marathawada on 15th & 16th October.

Fisherman Warning:

Fishermen are advised not to venture into the following areas during 15th October to 20th October: **Arabian Sea:**

Lakshadweep, Maldives, Comorin areas during 15th to 20th October and along and off Kerala coast and adjoining sea areas during 15th to 20th October; along and off Karnataka coast and adjoining sea areas during 17th to 20th October; over southeast Arabian Sea during 17th to 20th October.

Bay of Bengal:

- Along and off Tamil Nadu, south Andhra Pradesh coast and adjoining sea areas on 16th & 17th October.
- ➤ Gulf of Mannar during 15th to 20th October.

ii. Weather conditions and forecast over Delhi/NCR during 15th to 18th October, 2025 (Annexure V)

For more details, kindly refer National Weather Bulletin:

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

For District wise warnings refer: https://mausam.imd.gov.in/responsive/districtWiseWarningGIS.php

For Fishermen warning refer https://rsmcnewdelhi.imd.gov.in/fishermen-warning.php

ANNEXURE I

Rainfall recorded (in cm) during past 24 hours till 0830 hours IST of today, the 15th October (≥ 7cm):

- **★ Kerala:** Kanjirappally (dist Kottayam) 18, Neryamangalam Arg (dist Ernakulam) 10, Kunnathanam Aws (dist Pathanamthitta) 7;
- **❖ Tamil Nadu:** Zone 01 Ennore (dist Chennai) 14; Kodanad (dist Nilgiris) 9; Sembanarkoil PWD (dist Mayiladuthurai) 7;
- Coastal Karnataka: Udupi_Karkala_Varanga_9, Dakshina_Kannada_Bantwal_Sarapadi_8, Dakshina_Kannada_Puttur_Ramakunja 7, Dakshina Kannada_Belthangadi_Puduvettu 7;

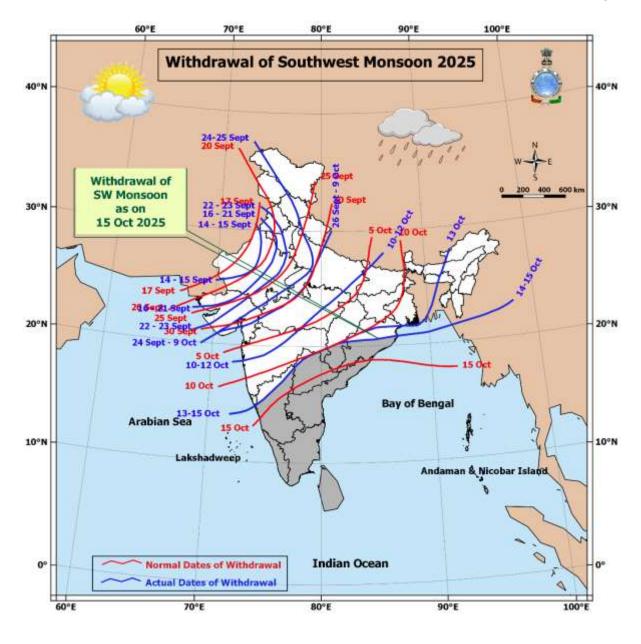
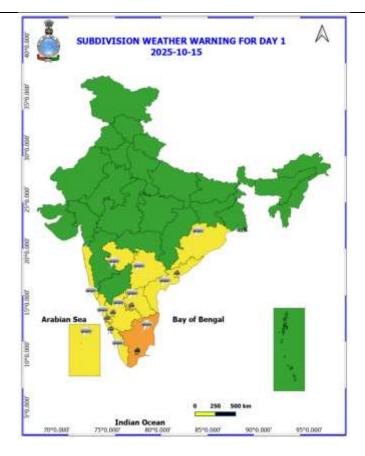
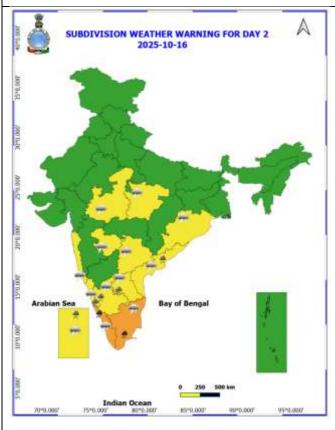
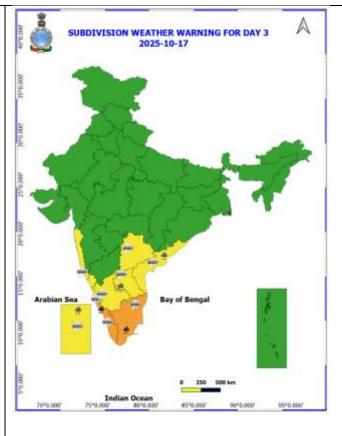


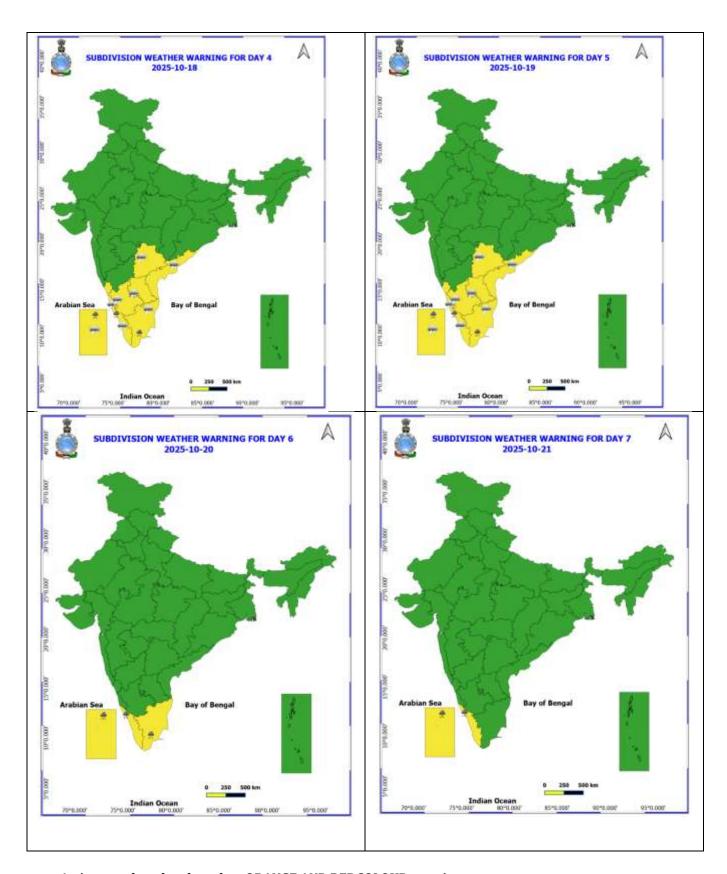
	Table-1 7 Days Rainfall Forecast							
	7 Days Rainfa	-	-			-		
S.No.	Subdivision	15- Oct	16- Oct			3.50,000,000		***********
	W-00045 500 (900 500)	Day 1	Day 2	Day 3			Day 6	
1	AND THE RESIDENCE OF THE PROPERTY OF THE PROPE	SCT		SCT	FWS	FWS		
2	ARUNACHAL PRADESH	DRY				the second secon		
3	ASSAM & MEHGHALAYA	ISOL			ISOL	DRY	DRY	DR'
4	NAGALAND, MANIPUR, MIZORAM AND TRIPURA	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISO
5	SUB HIMALAYAN WEST BENGAL & SIKKIM	ISOL	DRY	DRY	ISOL	ISOL	DRY	DR'
6	GANGETIC WEST BENGAL	DRY	DRY	DRY	ISOL	ISOL	DRY	DR'
7	ODISHA	ISOL	ISOL	DRY	DRY	ISOL	ISOL	ISO
8	JHARKHAND	DRY	DRY	DRY	DRY	DRY	DRY	DR
9	BIHAR	DRY	DRY	DRY	DRY	DRY	DRY	DR
10	EAST UTTAR PRADESH	DRY	DRY	DRY	DRY	DRY	DRY	DR'
11	WEST UTTAR PRADESH	DRY	DRY	DRY	DRY	DRY	DRY	DR
12	UTTARAKHAND	ISOL	ISOL	ISOL	DRY	DRY	DRY	DR'
13	HARYANA, CHANDIGARH & DELHI	DRY	DRY	DRY	DRY	DRY	DRY	DR
14	PUNJAB	DRY	DRY	DRY	DRY	DRY	DRY	DR
15	HIMACHAL PRADESH	DRY	DRY	DRY	DRY	DRY	DRY	DR'
16	JAMMU AND KASHMIR AND LADAKH	DRY	DRY	DRY	DRY	DRY	DRY	DR
17	WEST RAJASTHAN	DRY	DRY	DRY	DRY	DRY	DRY	DR'
18	EAST RAJASTHAN	DRY	DRY	DRY	DRY	DRY	DRY	DR
19	WEST MADHYA PRADESH	ISOL	ISOL	ISOL	ISOL	DRY	DRY	DR
20		ISOL	The second second second	ISOL		DRY	DRY	
21	The control of the co	DRY		ISOL	ISOL	ISOL	ISOL	
22	SAURASHTRA & KUTCH	DRY		ISOL	ISOL	ISOL	ISOL	
	KONKAN & GOA	ISOL		ISOL	ISOL	ISOL	ISOL	
24	MADHYA MAHARASHTRA	ISOL		ISOL	ISOL	ISOL	ISOL	
25	MARATHWADA	ISOL				ISOL	ISOL	
26	VIDARBHA	ISOL				DRY	DRY	
27	CHHATTISGARH	ISOL				ISOL		
28		SCT				FWS		
29	The Control of the Co	ISOL			ISOL	ISOL		
30	NY CATEGORIAN CONTROL AND CONTROL CONT	SCT	The second second		Annual State of State	FWS	the second second second second	The second second second
31	The state of the s	FWS		FWS		SCT	SCT	
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7.95.1	KERALA AND MAHE	FWS		WS	144	WS	FWS	
	LAKSHADWEEP	-	1,810	13,00	100	No.	100	-

• As the lead period increases forecast accuracy decrease.









- 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 https://mausam.imd.gov.in/responsive/districtWiseWarningGIS.php

Weather forecast over Delhi/NCR during 15th to 18th October 2025

Past Weather:

There has been no large change in the minimum and maximum temperature over Delhi/NCR during the past 24 hours. The maximum and minimum temperatures over Delhi were around 29 to 32° C and 17 to 18° C respectively. The minimum temperature was below normal up to $1-2^{\circ}$ C and maximum temperature was below normal up to $1-2^{\circ}$ C. Mainly clear sky conditions with predominant surface wind from the northwest direction with wind speeds up to 12 kmph prevailed during the past 24 hours. Mainly clear sky conditions with calm wind in early morning hours as gradually increase becoming up to 08 kmph from the southwest direction prevailed over the region in the forenoon today.

Weather Forecast:

15.10.2025: Mainly clear sky. The maximum and minimum temperatures over Delhi are likely to be in the range of 31 to 33°C. The maximum temperature will be below normal up to 1 - 2°C. The predominant surface wind will likely to be from the northwest direction with a wind speed of up to 05 -10 kmph during afternoon hours. The wind speed will decrease becoming less than 08 kmph from the northeast direction during the evening and night.

16.10.2025: Mainly clear sky. Haze/mist during morning hours. The maximum and minimum temperatures over Delhi are likely to be in the range of 31 to 33°C and 16 to 18°C respectively. The minimum temperature will be below normal up to 1-3°C and the maximum temperature will be below normal up to 1-2°C. The predominant surface wind will likely to be from the southwest direction with a wind speed of up to 06 kmph during morning hours. The wind speed will gradually increase becoming less than 10 kmph from the northwest direction in the afternoon. The wind speed will decrease becoming less than 05 kmph from the northeast direction during the evening and night.

17.10.2025: Mainly clear sky. Haze/mist during morning hours. The maximum and minimum temperatures over Delhi are likely to be in the range of 32 to 34° C and 17 to 19° C respectively. The minimum temperature will be above normal up to $1-2^{\circ}$ C and the maximum temperature will be near normal. The predominant surface wind will likely to be from the southwest direction with a wind speed of up to 06 kmph during morning hours. The wind speed will increase becoming less than 15 kmph from the north direction in the afternoon. The wind speed will gradually decrease becoming less than 10 kmph from the northeast direction during the evening and night.

18.10.2025: Mainly clear sky. Haze/mist during morning hours. The maximum and minimum temperatures over Delhi are likely to be in the range of 32 to 34°C and 18 to 20°C respectively. The minimum temperature will be near normal and the maximum temperature will be near normal. The predominant surface wind will likely to be from the northeast direction with a wind speed of up to 06 kmph during morning hours. The wind speed will increase becoming less than 15 kmph from the north direction in the afternoon. The wind speed will gradually decrease becoming less than 08 kmph from the northeast direction during the evening and night.

Impact & Action Suggested due to

❖ Very heavy rainfall over Tamil Nadu during 15th-17th and Kerala & Mahe on 16th & 17th 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 Rainfall

- > In **Tamil Nadu**, store the harvested produce of rice and groundnut in safer places. Provide adequate drainage facilities in fields of rice, cotton, turmeric, garlic, ginger and vegetables and plantations of coconut, banana and black pepper to avoid water stagnation.
- In **Kerala**, make provision to drain out excess water from fields of rice and plantations of banana, coconut, arecanut and black pepper.
- ➤ In **Coastal Karnataka**, undertake harvesting of arecanut and coconut and keep the harvested produce at safer places. In **South Interior Karnataka**, keep the harvested produce of groundnut, maize pepper, cardamom, turmeric and coffee to dry, covered and ventilated areas or cover with tarpaulins in the fields. Make necessary arrangements to drain out excess water from fields of rice, maize, finger millet, pigeon pea, soybean, groundnut and vegetables and plantations of banana, black pepper, coconut and arecanut to avoid waterlogging.
- ➤ In **Coastal Andhra Pradesh,** provide adequate drainage facilities in fields of rice, maize, pigeon pea, black gram, green gram, groundnut, turmeric, ginger, vegetables and plantations of coconut, arecanut, banana, coffee and black pepper.
- > In **Rayalaseema**, maintain proper drainage in fields of rice, groundnut, cotton, turmeric and vegetables.

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.

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	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)	Places) 1-25 isolated (ISOL)				
Fog		Heavy Snow	Cold Wave	COLOUR CO	COLOUR CODED WARNING No Warning (No Action)		
		-	#	No Warni			
Heavy Rain		⊜ 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 (Take Action)				
.	0 1:-ba-:	1+ Hot Day		-	bilistic Forecast		
Thunder & Lightning		* in		Terms	Probability of Occurrence (%		
Hailstorm Humid				Unlikely Likely Very Likely	< 25 25 - 50 50 - 75		
Dust Raising Winds Strong Surface Wind			ds	Most Likely	> 75		





	Heavy: 64.5 to 115.5 mm/cm *
Rain/ Snow *	Very Heavy: 115.8 to 204.4 mm/cm*
rain anow	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. Severe Cold Wave: Minimum Temperature Departure from normal ≤ -6.5 °C
Cold Wave	
CONTRACTOR ((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
	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 s -6.5 °C
	Phenomenon of small droplets suspended in air and the horizontal visibility < 1km 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.
Constant II	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 41-82 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 first of the control of the cont
Cyclone	Severe Cyclonic Storm: Wind speed 62-67 kmph (34-47 kmph) (48-63 knots) Very Severe Cyclonic Storm: Wind speed 81-17 kmph (48-63 knots) Very Severe Cyclonic Storm: Wind speed 118-165 kmph (64 - 89 knots)
Cyclone	Severe Cyclonic Storm: Wind speed 88-117 kmph (48-63 knots)