



# WEATHER FORECAST FOR BN

**09 - 12 DEC 2020**



# WEATHER FORECAST – DHAKA

## 09.12.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	25 / 19	26 / 18	23 / 18	22 / 18
Wind	6 km/h WNW	6 km/h WNW	2 km/h NW	2 km/h NNW
Humidity	57%	55%	70%	73%
Chance of Precip	1%	1%	3%	5%
Cloud Cover	85%	13%	4%	2%
Conditions	Cloudy	Sunny	Clear	Clear
Sunrise Sunset	06: 29 AM 17: 11 PM			

### Conditions

Pressure : 1013 hpa

Visibility : 1.5 km

Ref: <https://www.wunderground.com/weather/bd/dhaka>



# WEATHER FORECAST – CHATTOGRAM

## 09.12.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	26 / 18	26 / 18	23 / 20	21 / 19
Wind	8 km/h NW	8 km/h WNW	5 km/h NW	6 km/h NNW
Humidity	63%	62%	81%	87%
Chance of Precip.	1%	1%	4%	6%
Cloud Cover	28%	3%	0%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise	06: 20 AM			
Sunset	17: 08 PM			

### Conditions

Pressure : 1013 hpa

Visibility : 9:22 Km

Ref: <https://www.wunderground.com/weather/bd/chittagong>



# WEATHER FORECAST – KHULNA

## 09.12.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	29 / 17	28 / 16	23 / 17	20 / 18
Wind	3 km/h NW	8 km/h NNW	2 km/h NNW	1 km/h N
Humidity	48%	50%	73%	86%
Chance of Precip.	1%	1%	3%	6%
Cloud Cover	32%	24%	5%	7%
Conditions	Partly Cloudy	Sunny	Clear	Foggy
Sunrise Sunset	06: 30 AM 17: 16 PM			

### Conditions

Pressure : 1015 hpa

Visibility : 9.48 Km

Ref: <https://www.wunderground.com/weather/bd/khulna>



# GENERAL WEATHER FORECAST – DHAKA

Description	10 Dec 2020	11 Dec 2020	12 Dec 2020
<b>Temperature (C)</b>	27 °C / 18 °C	27 °C / 18 °C	27 °C / 19 °C
<b>Summary</b>	AM Fog / PM Sunny	AM Fog / PM Sunny	AM Fog / PM Sunny
<b>Sun Rise/Set</b>	6h30m24s/17h11m54s	6h31m12s/17h12m24s	6h31m54s/17h12m42s
<b>Day Length</b>	10h41m30s	10h41m30s	10h40m48s
<b>Moon Rise/ Set</b>	1:33AM 1:51PM	2:35AM 2:31PM	3:40AM 3:15PM
<b>Moon Phase/ illu</b>	Waning Crescent, 22%	Waning Crescent, 13%	Waning Crescent, 5%
<b>NauticalTwilight</b>	05:37, 18:00	05:37, 18:00	05:37, 18:05
<b>Civil Twilight</b>	06:04, 17:32	06:04, 17:32	06:06, 17:37
<b>Humidity</b>	D : 71%    N : 79%	D : 69%    N : 80%	D : 70%    N : 80%
<b>Barometer (mb)</b>	1013	1013	1013
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	5%	5%	5%
<b>Wind (mph)</b>	6 Km/h WNW	5 Km/h W	7 Km/h W

Ref: <https://weather.com/weather/5day//BGXX0003:1:BG>



# GENERAL WEATHER FORECAST– CHATTOGRAM

Description	10 Dec 2020	11 Dec 2020	12 Dec 2020
<b>Temperature (C)</b>	27 °C/ 16 °C	27 °C/ 17 °C	27 °C/ 17 °C
<b>Summary</b>	AM Fog / PM Sunny	AM Fog / PM Sunny	AM Fog / PM Sunny
<b>Sun Rise/Set</b>	6h21m30s/17h09m12s	6h22m30s/17h09m12s	6h23m00s/17h10m06s
<b>Day Length</b>	10h47m42s	10h47m18s	10h47m06s
<b>Moon Rise/ Set</b>	1:28AM 1:46PM	2:35AM 2:31PM	3:40AM 3:15PM
<b>Moon Phase/ illu</b>	Waning Crescent, 22%	Waning Crescent, 13%	Waning Crescent, 5%
<b>NauticalTwilight</b>	05:28 17:57	05:28 17:57	05:30 18:02
<b>Civil Twilight</b>	05:56, 17:29	05:56, 17:29	05:58, 17:34
<b>Humidity</b>	D : 74% N : 91%	D : 74% N : 91%	D : 72% N : 91%
<b>Barometer (mb)</b>	1013	1013	1013
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	5%	5%	5%
<b>Wind (mph)</b>	5 Km/h NNW	5 Km/h NNW	5 Km/h NNW

Ref: <https://weather.com/weather/5day//BGXX0002:1:BG>



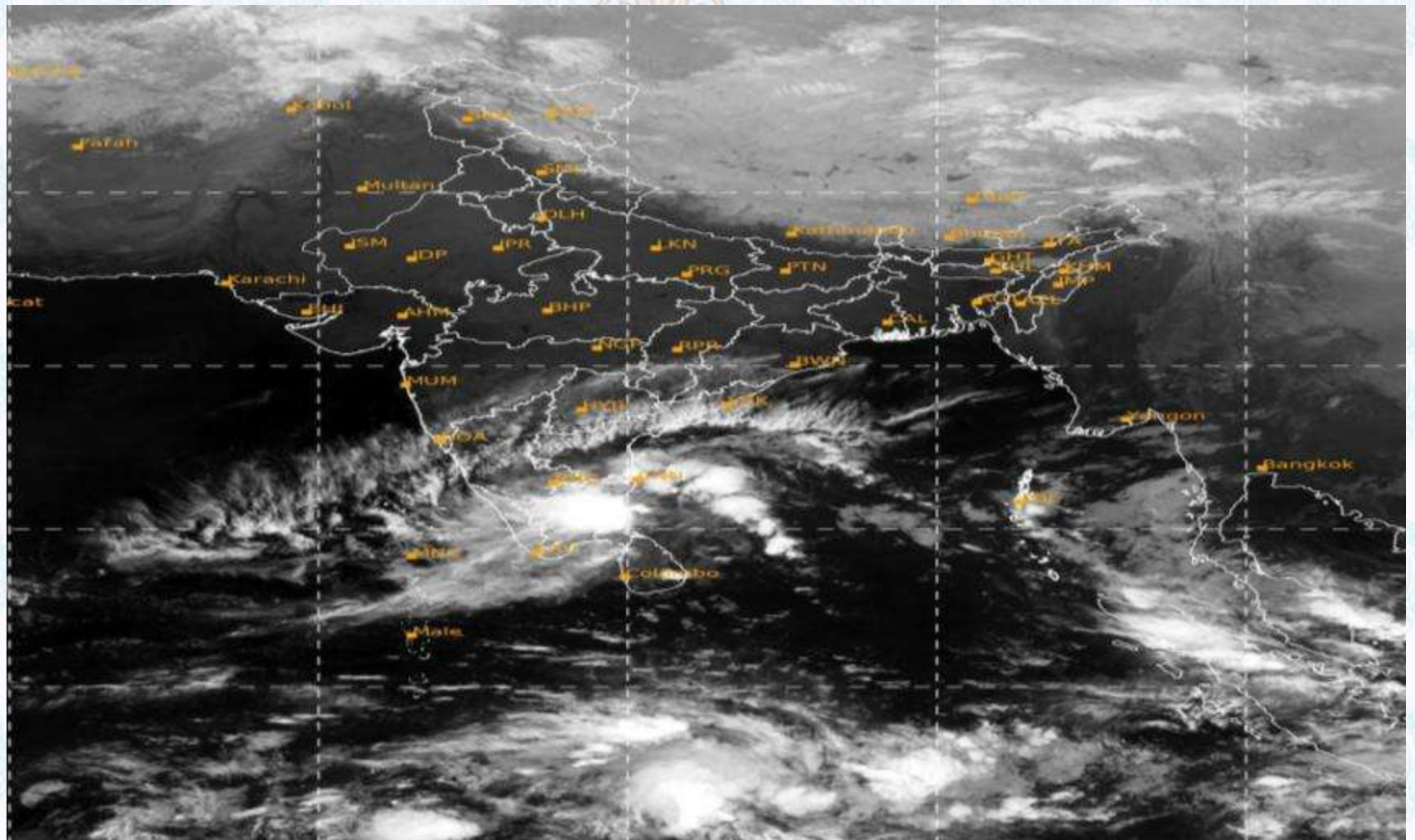
# GENERAL WEATHER FORECAST – KHULNA

Description	10 Dec 2020	11 Dec 2020	12 Dec 2020
<b>Temperature(C)</b>	28°C/ 17°C	28°C/ 17°C	28°C/ 18°C
<b>Summary</b>	AM Fog / PM Sunny	AM Fog / PM Sunny	AM Fog / PM Sunny
<b>Sun Rise/Set</b>	6h31m42s/17h17m18s	6h32m30s/17h17m48s	6h33m12s/17h18m12s
<b>Day Length</b>	10h46m36s	10h45m18s	10h45m00s
<b>Moon Rise/Set</b>	1:37AM 1:55PM	2:35AM 2:31PM	3:40AM 3:15PM
<b>Moon Phase/illu</b>	Waning Crescent, 22%	Waning Crescent, 13%	Waning Crescent, 5%
<b>NauticalTwilight</b>	05:40, 18:05	05:40, 18:05	05:40, 18:10
<b>Civil Twilight</b>	06:07, 17:36	06:07, 17:36	06:08, 17:42
<b>Humidity</b>	D : 68% N : 78%	D : 65% N : 78%	D : 66% N : 78%
<b>Barometer (mb)</b>	1013	1013	1013
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	5%	5%	5%
<b>Wind (mph)</b>	8 km/h NW	7 km/h WNW	9 km/h WNW

Ref: <https://weather.com/weather/5day//BGXX0005:1:BG>



# SATELLITE VIEW OF BAY OF BENGAL



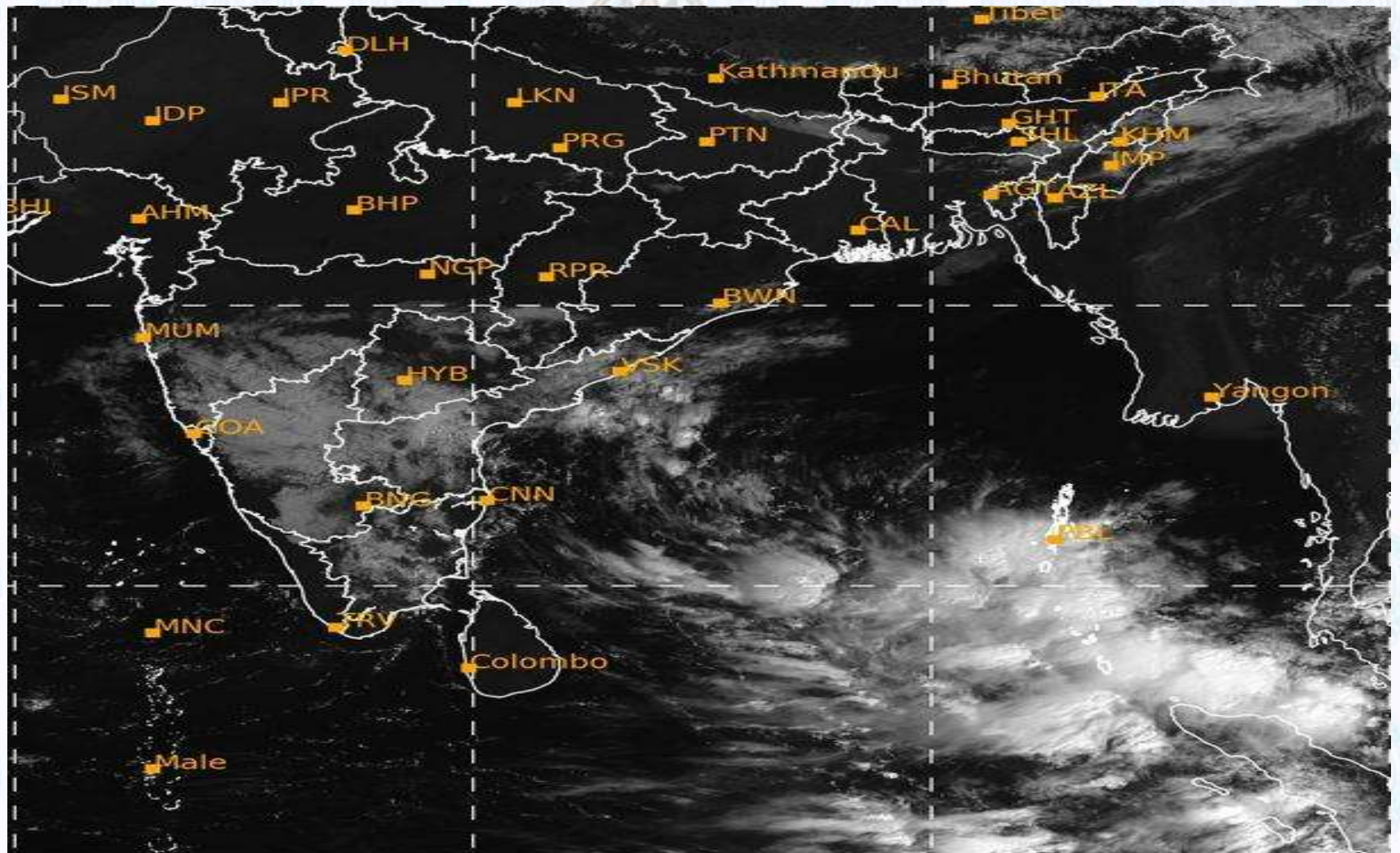
09/12/2020, 11:00 UTC MATSAT-IR

Ref: <http://satellite.imd.gov.in/insat.htm>





# SATELLITE VIEW OF BAY OF BENGAL



09/12/2020, 11:00 MATSAT-VIS

Ref: <http://satellite.imd.gov.in/insat.htm>



# Fleet Forecast Sea Area C-90 ( Valid for 12 Hrs Commencing 1000 UTC of 09.12.2020)

<b>Part One</b>	NO STORM WARNING.	
<b>Part Two</b>	SEASONAL LOW LIES OVER SOUTH BAY EXTENDING ITS TROUGH TO NORTH BAY.	
<b>Part Three</b>	Weather	TEMPORARY PARTLY CLOUDY OVER AREA C-90.
	Wind	NORTH/NORTH-WESTERLY, (08-12 )KTS.
	Visibility	(03-05) KMS, REDUCING TO 1000 M OR LESS IN MIST/FOG.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 09,0000 UTC. CHATTOGRAM =1014 HPA



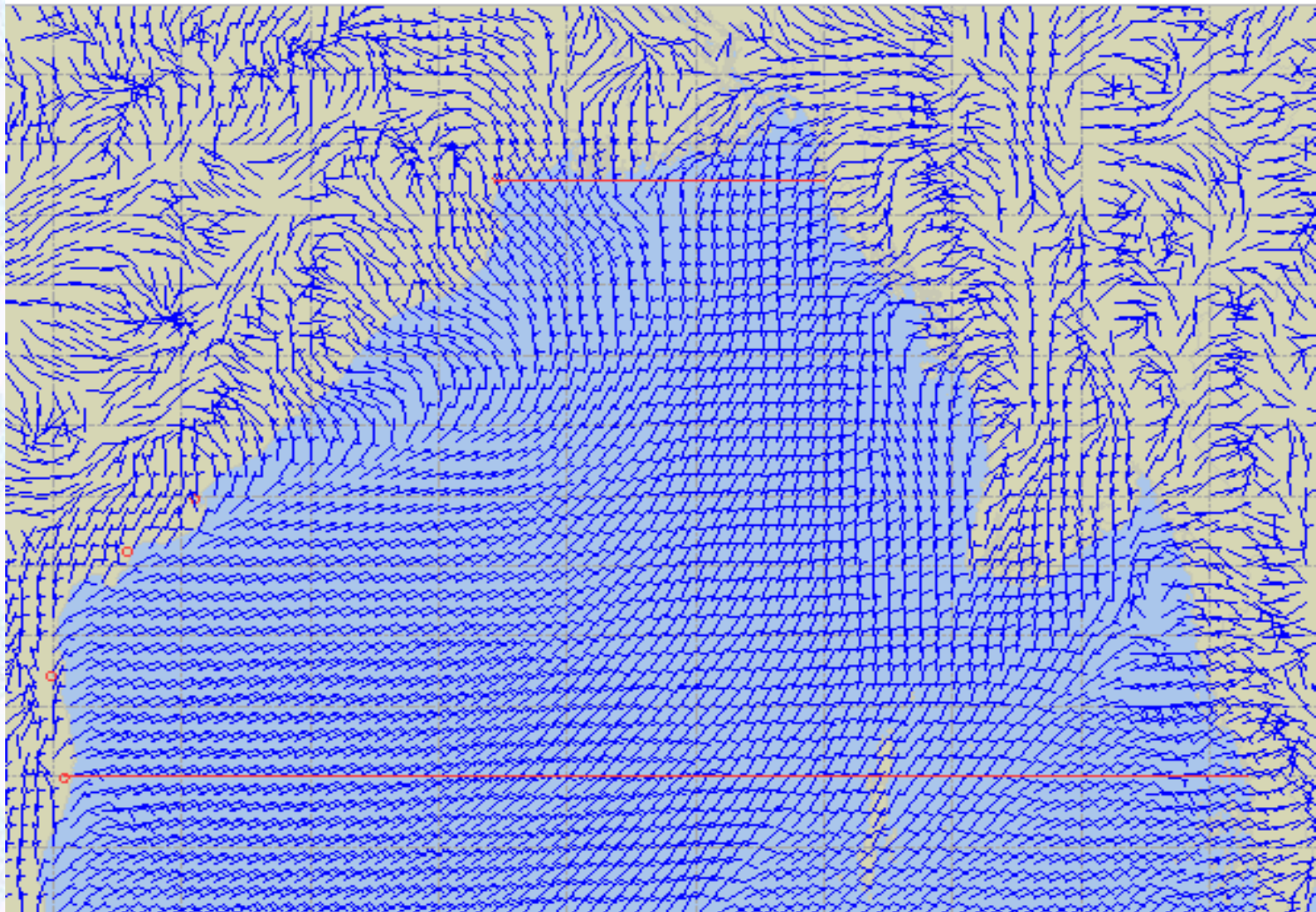
## **Inland River Port Warning** **(VALID TILL 06 PM OF 09.12.2020)**

MODERATE TO THICK FOG MAY REDUCE SURFACE VISIBILITY TO 500 M OR LESS AT PLACES OVER THE RIVERBASINS OF THE COUNTRY DURING NEXT 02-03 HRS COMMENCING 10.00 AM OF 09.12.2020 WHEREIN RIVERCRAFTS SHALL PROCEED WITH CAUTION BUT NO SIGNAL IS TO BE HOISTED.

Ref: <http://www.bmd.gov.bd/?/home>



# Surface Wind Forecast- 10 Dec - 2020



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



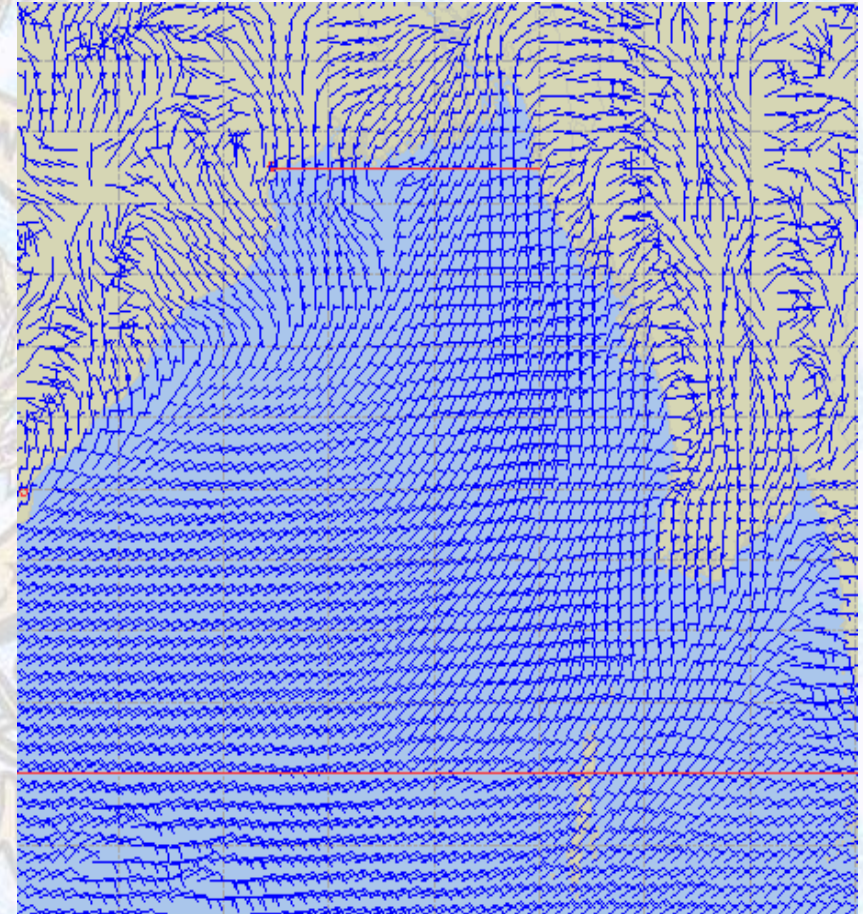
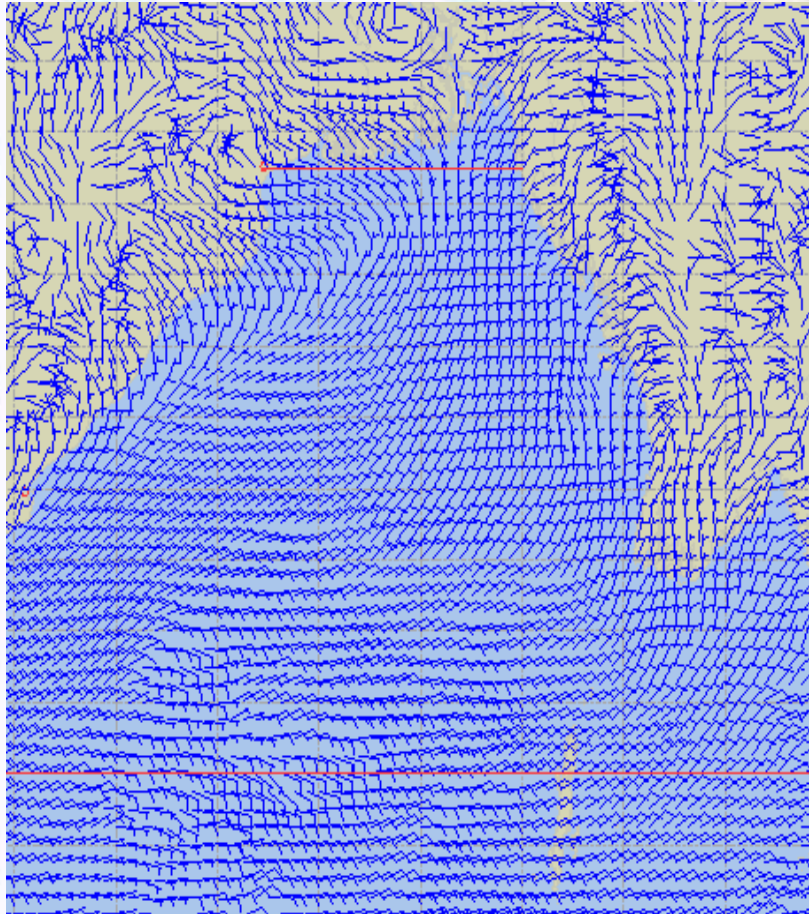
**60 Knots**



# Surface Wind Forecast – 11 & 12 Dec - 2020

11 Dec 20 Friday

12 Dec 20 Saturday



**Legend:**



Calm  
Winds



5 Knots



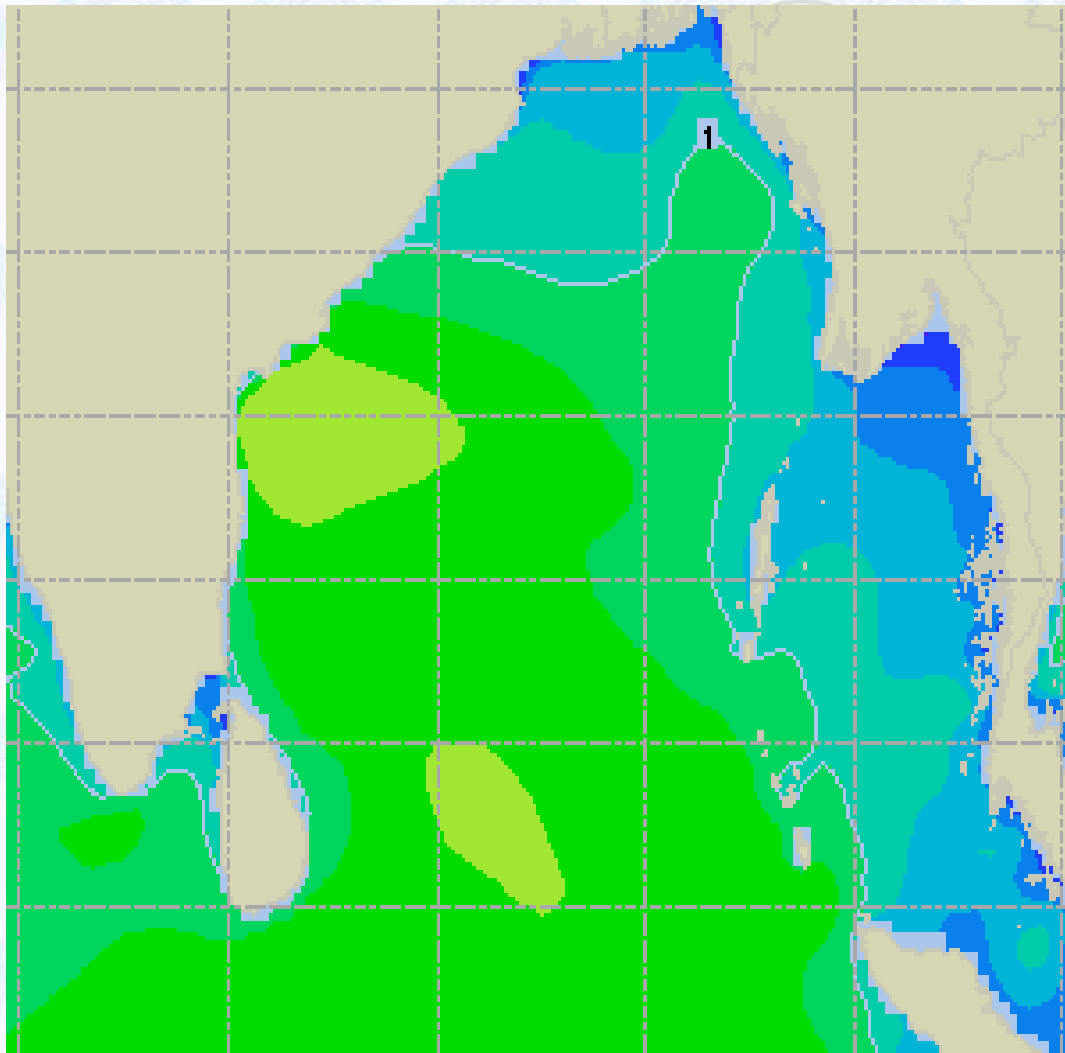
10 Knots



60 Knots



# Sea State Forecast – 10 Dec - 2020



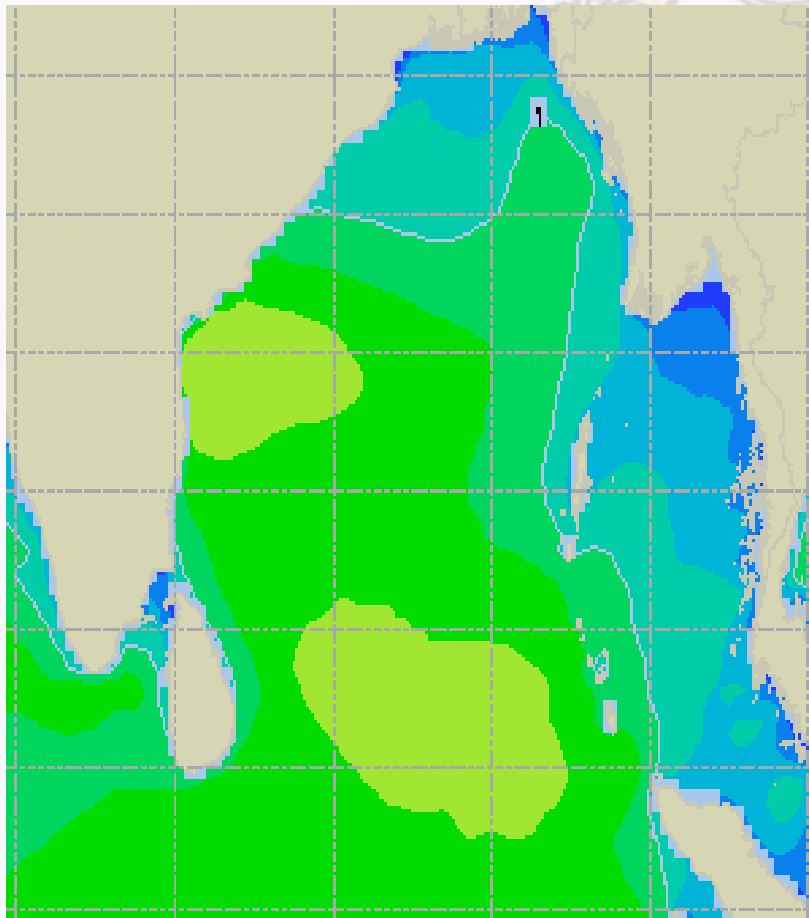
Sea State	Ht (m)
0	0-0.1
1	0-0.1
2	0.1-0.5
3	0.5-1.25
4	1.25-2.5
5	2.5-4.0
6	4-6
7	6-9
8	9-14
9	Over 14



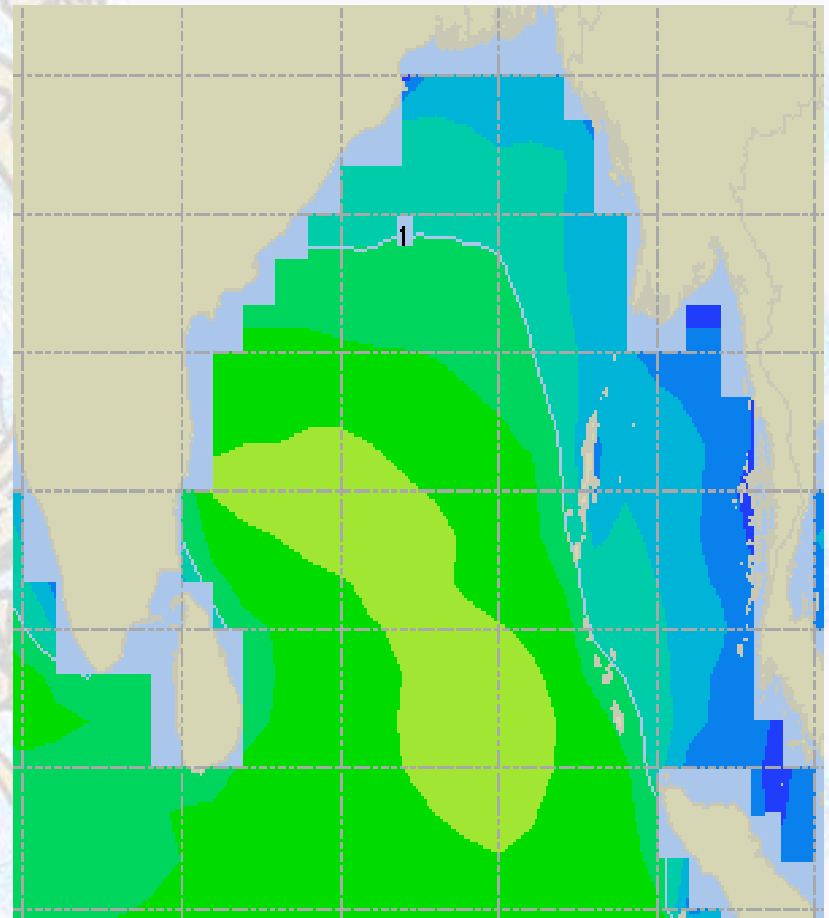


# Sea State Forecast – 11 & 12 Dec - 2020

11 Dec 20 Friday



12 Dec 20 Saturday

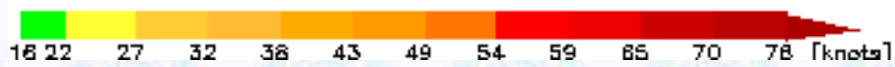
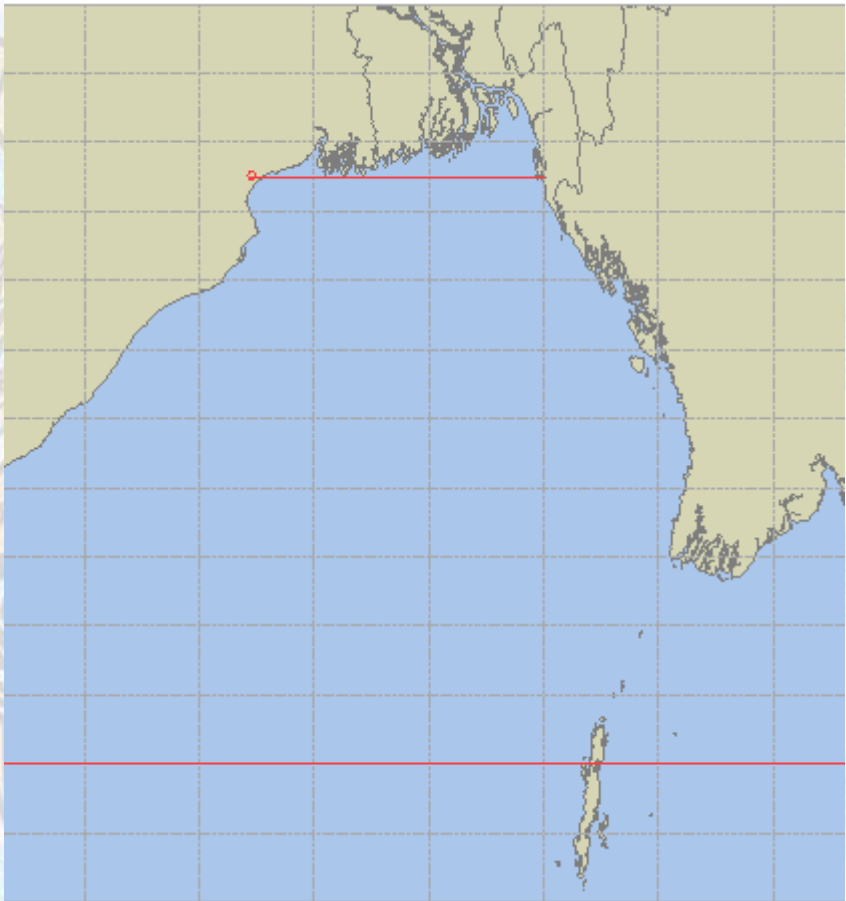
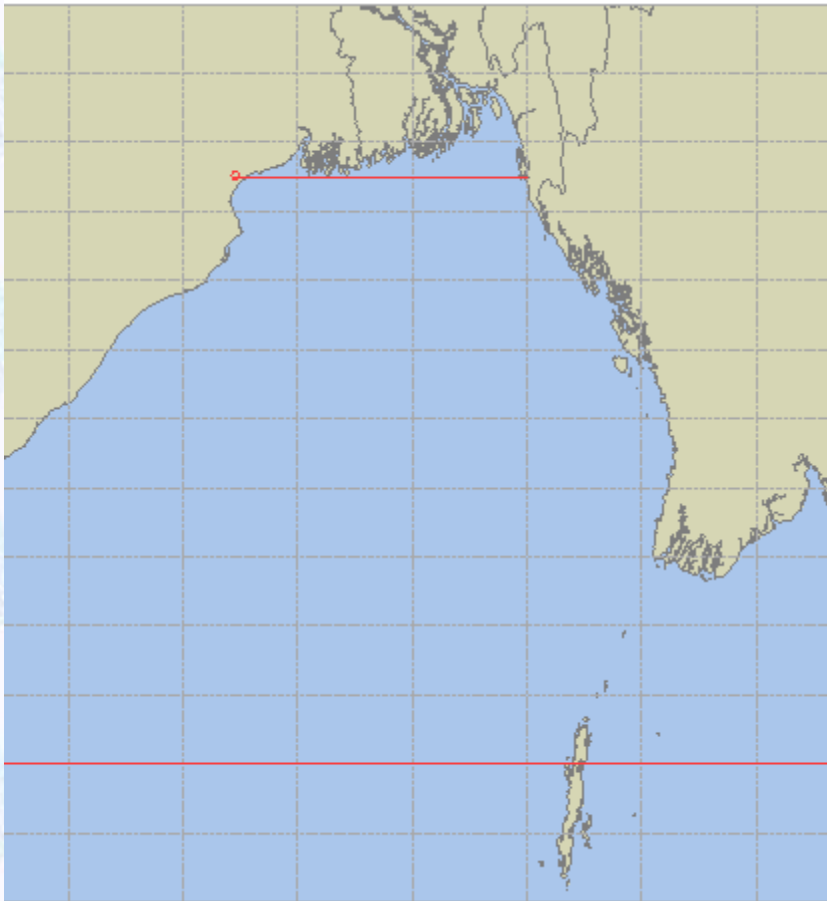




# Peak Gusting Possibilities– 10 & 11 Dec 2020

## 10 Dec 20 Thursday

## 11 Dec 20 Friday

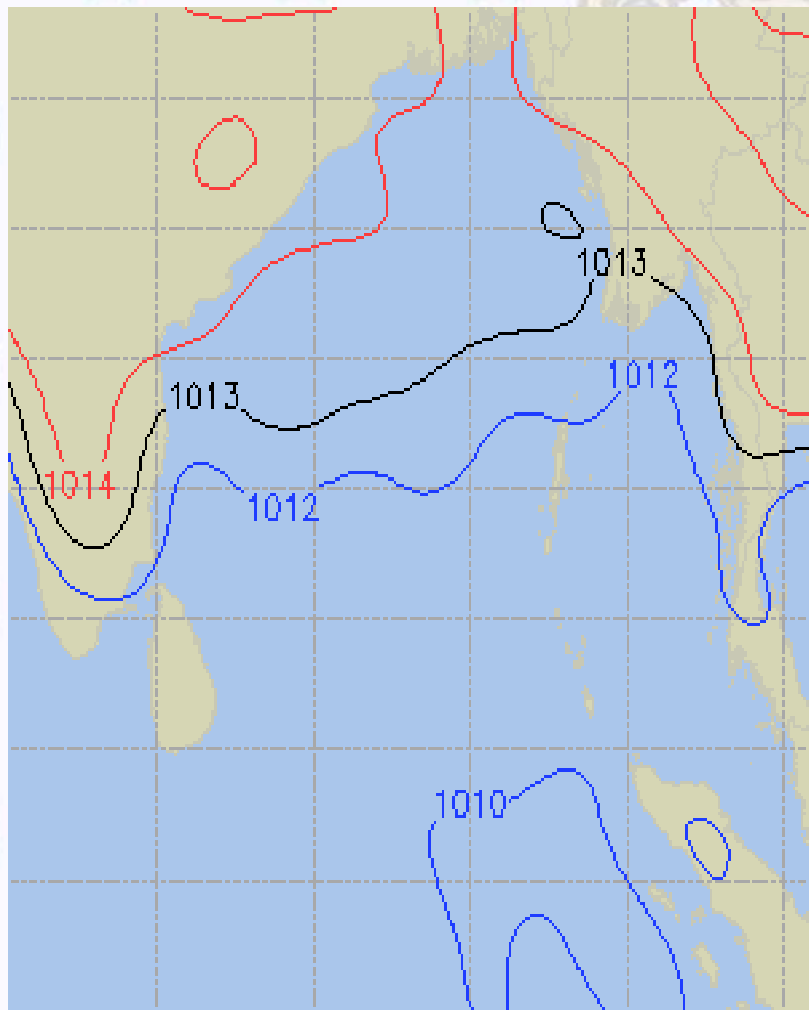




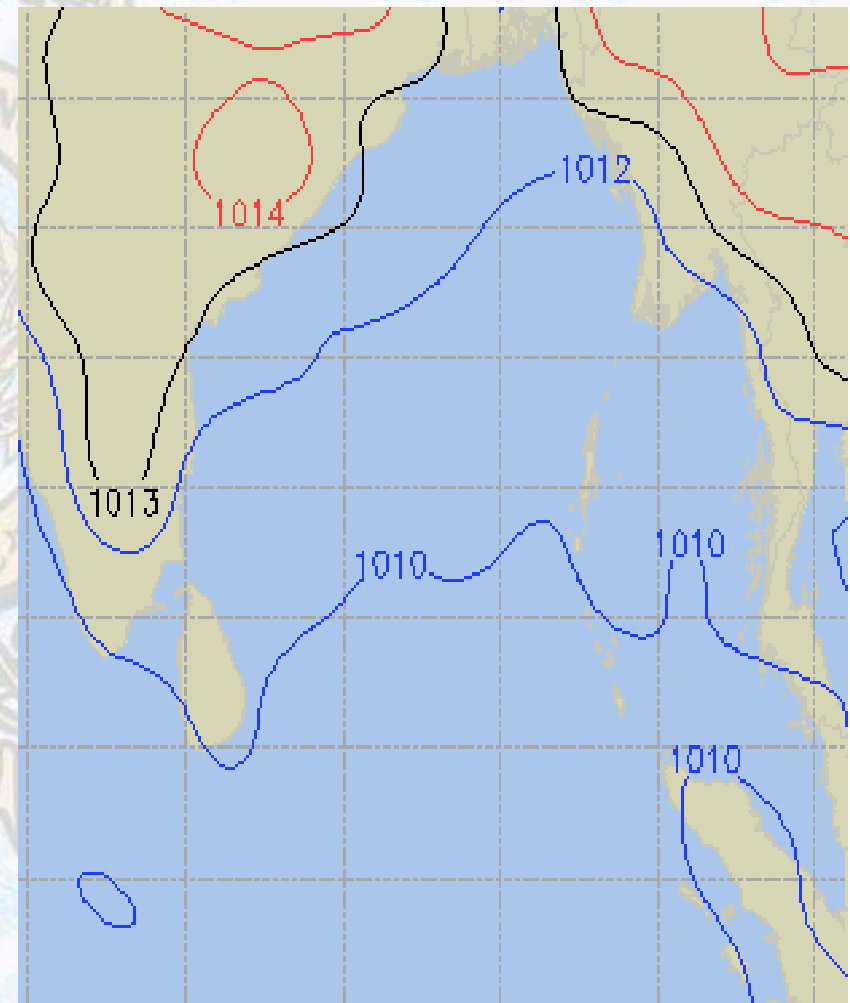


# Surface Pressure forecast– 10 & 11 Dec 2020

10 Dec 20 Thursday



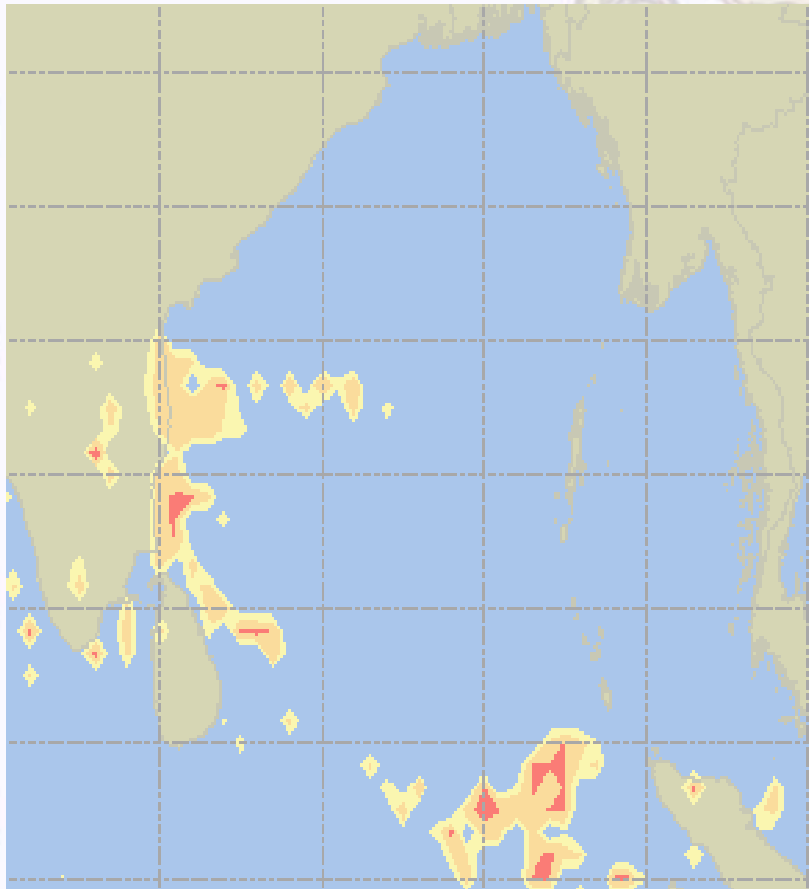
11 Dec 20 Friday



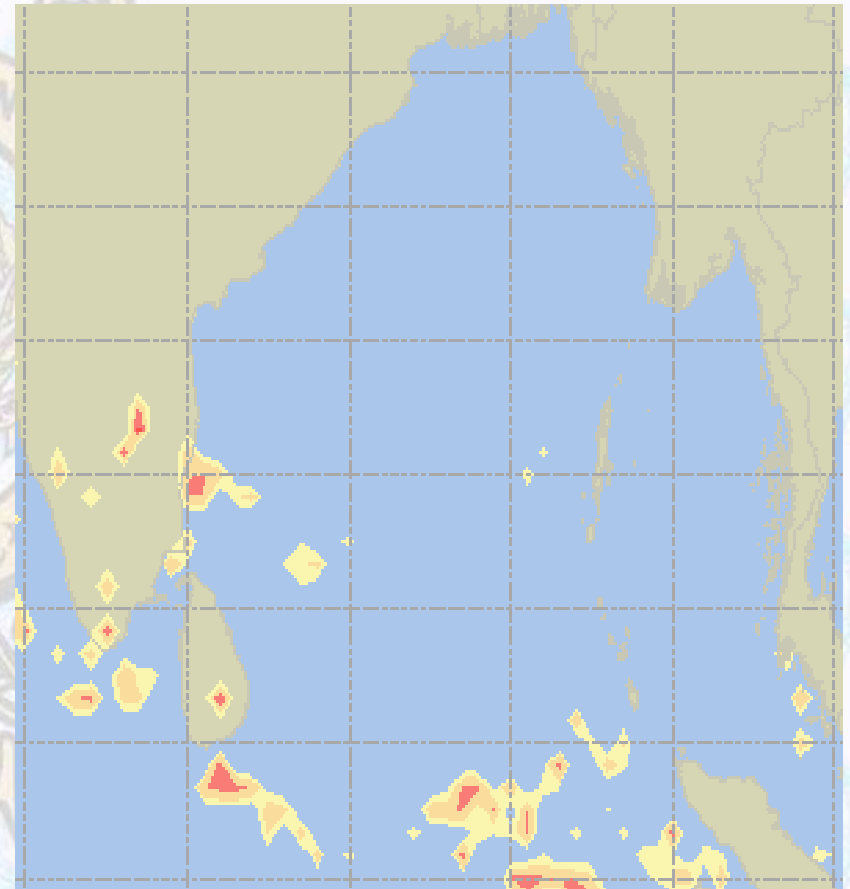


# Visibility at Sea Forecast – 10 & 11 Dec 2020

10 Dec 20 Thursday



11 Dec 20 Friday



**Visibility Scale:**



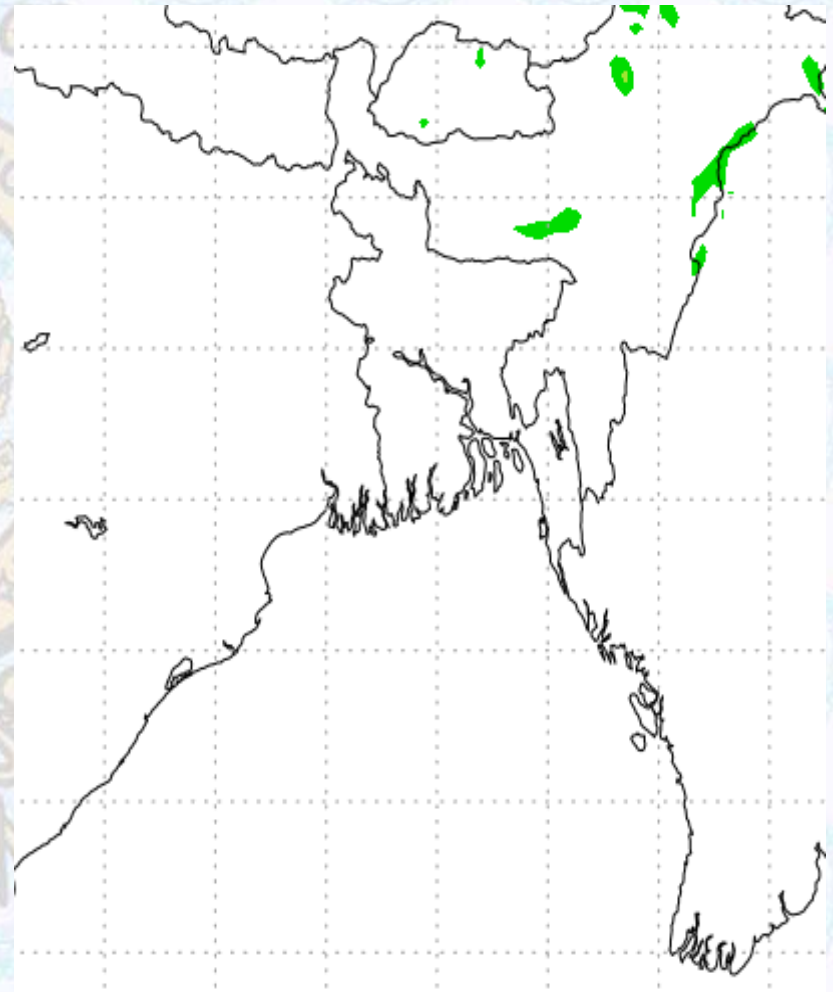
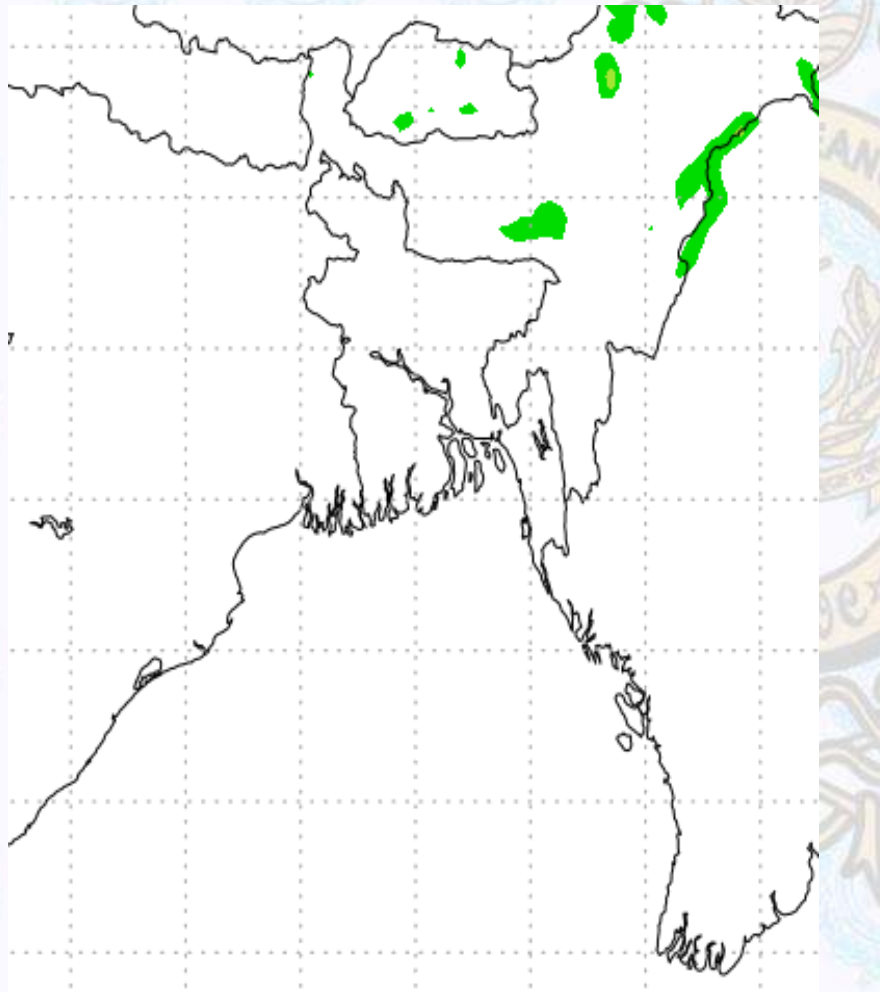
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



# Precipitation

Rain(mm) 10 & 11 Dec2020

Rain(mm) 11 & 12 Dec2020



**Precipitation Scale (mm):**





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

<b>10 Dec 2020</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0253	1.14		0022	1.02		0006	1.21
	0844	3.82		0617	2.73		0606	2.52
	1525	0.74		1257	0.87		1242	0.88
	2134	4.16		1903	2.93		1908	2.70
<b>11 Dec 2020</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0409	0.93		0138	0.90		0124	1.10
	0954	3.91		0724	2.84		0720	2.56
	1628	0.60		1401	0.74		1346	0.75
	2233	4.40		2001	3.20		2008	2.88
<b>12 Dec 2020</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0511	0.71		0243	0.75		0232	0.95
	1055	4.01		0822	2.97		0824	2.63
	1724	0.48		1459	0.60		1443	0.64
	2323	4.58		2053	3.43		2101	3.04