



**WEATHER FORECAST FOR BN**

***12 - 15 DEC 2020***





# WEATHER FORECAST – DHAKA

## 12.12.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	23 / 18	24 / 17	22 / 18	21 / 17
Wind	4 km/h NW	8 km/h WNW	4 km/h WNW	3 km/h NNW
Humidity	52%	67%	76%	79%
Chance of Precip	1%	1%	2%	5%
Cloud Cover	38%	50%	10%	12%
Conditions	Partly Cloudy	Partly Cloudy	Clear	Clear
Sunrise Sunset	06: 31 AM 17: 12 PM			

### Conditions

Pressure : 1013 hpa

Visibility : 0.25 km

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





# WEATHER FORECAST – CHATTOGRAM

## 12.12.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	25 / 18	25 / 19	22 / 19	21 / 19
Wind	7 km/h NW	7 km/h WNW	6 km/h NW	6 km/h N
Humidity	65%	67%	86%	90%
Chance of Precip.	1%	1%	3%	6%
Cloud Cover	1%	1%	1%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise	06: 23 AM			
Sunset	17: 10 PM			

### Conditions

Pressure : 1013 hpa

Visibility : 16:54 Km

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



# WEATHER FORECAST – KHULNA

## 12.12.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	25 / 17	25 / 17	21 / 17	19 / 17
Wind	6 km/h NW	5 km/h NNW	2 km/h NNW	3 km/h NW
Humidity	60%	59%	79%	88%
Chance of Precip.	1%	1%	2%	6%
Cloud Cover	13%	8%	8%	10%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 33 AM 17: 18 PM			

### Conditions

Pressure : 1013 hpa

Visibility : 14.48 Km

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





# GENERAL WEATHER FORECAST – DHAKA

Description	13 Dec 2020	14 Dec 2020	15 Dec 2020
<b>Temperature (C)</b>	26 °C/ 19 °C	27 °C/ 18 °C	26 °C/ 19 °C
<b>Summary</b>	Sunny	Sunny	Sunny
<b>Sun Rise/Set</b>	6h32m42s/17h13m12s	6h33m24s/17h13m36s	6h33m54s/17h14m00s
<b>Day Length</b>	10h40m30s	10h40m12s	10h40m06s
<b>Moon Rise/ Set</b>	4:46AM 4:03PM	5:54AM 4:56PM	7:01AM 5:55PM
<b>Moon Phase/ illu</b>	Waning Crescent, 1%	New Moon, 0%	New Moon, 1%
<b>Nautical Twilight</b>	05:39, 18:06	05:39, 18:06	05:39, 18:06
<b>Civil Twilight</b>	06:07, 17:38	06:07, 17:37	06:07, 17:37
<b>Humidity</b>	D : 74%    N : 81%	D : 72%    N : 79%	D : 67%    N : 79%
<b>Barometer (mb)</b>	1012	1013	1014
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	5%	5%	5%
<b>Wind (mph)</b>	8 Km/h WNW	9 Km/h NNW	10 Km/h NNW

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



# GENERAL WEATHER FORECAST– CHATTOGRAM

Description	13 Dec 2020	14 Dec 2020	15 Dec 2020
<b>Temperature (C)</b>	26 °C/ 18 °C	28 °C/ 18 °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>	6h23m48s/17h10m30s	6h24m30s/17h11m00s	6h25m00s/17h11m24s
<b>Day Length</b>	10h46m42s	10h46m30s	10h46m24s
<b>Moon Rise/ Set</b>	4:38AM 3:59PM	5:45AM 4:53PM	7:22AM 5:31PM
<b>Moon Phase/ illu</b>	Waning Crescent, 1%	New Moon, 0%	New Moon, 1%
<b>NauticalTwilight</b>	05:30 18:02	05:31 18:01	05:31 18:01
<b>Civil Twilight</b>	05:58, 17:35	05:59, 17:34	05:59, 17:34
<b>Humidity</b>	D : 77% N : 91%	D : 69% N : 84%	D : 67% N : 84%
<b>Barometer (mb)</b>	1012	1012	1012
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	5%	5%	5%
<b>Wind (mph)</b>	8 Km/h NNW	11 Km/h N	11 Km/h N

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





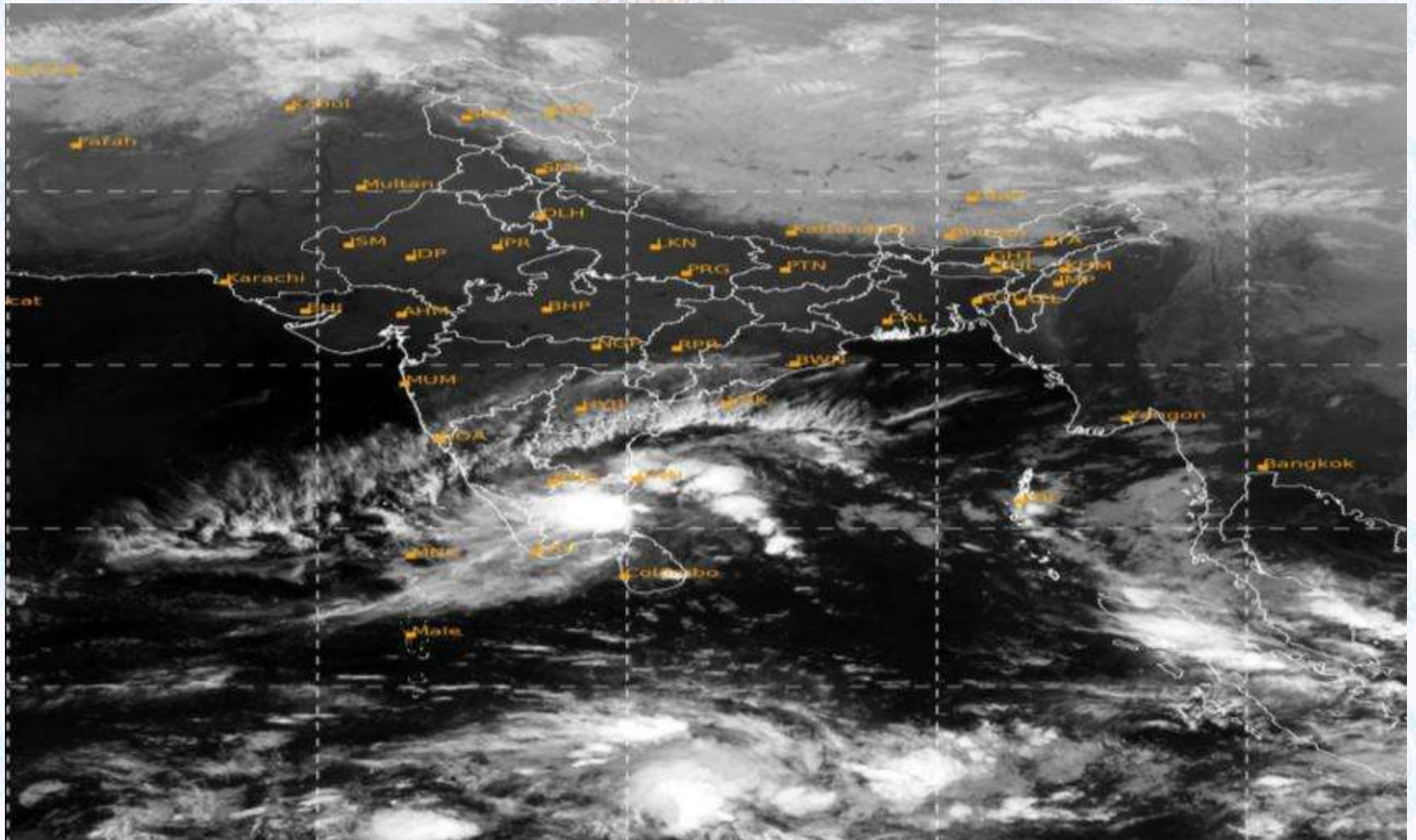
# GENERAL WEATHER FORECAST – KHULNA

Description	13 Dec 2020	14 Dec 2020	15 Dec 2020
<b>Temperature(C)</b>	27°C/ 19°C	28°C/ 18°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>	6h34m00s/17h18m36s	6h34m42s/17h19m00s	6h35m12s/17h19m30s
<b>Day Length</b>	10h44m36s	10h44m18s	10h44m18s
<b>Moon Rise/Set</b>	4:48AM 4:08PM	5:56AM 5:02PM	7:12AM 5:45PM
<b>Moon Phase/illu</b>	Waning Crescent, 1%	New Moon, 0%	New Moon, 1%
<b>Nautical Twilight</b>	05:40, 18:11	05:41, 18:11	05:41, 18:11
<b>Civil Twilight</b>	06:08, 17:43	06:09, 17:43	06:09, 17:43
<b>Humidity</b>	D : 72% N : 81%	D : 69% N : 79%	D : 65% N : 79%
<b>Barometer (mb)</b>	1012	1012	1012
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	5%	5%	5%
<b>Wind (mph)</b>	10 km/h WNW	10 km/h NNW	10 km/h N

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



# SATELLITE VIEW OF BAY OF BENGAL



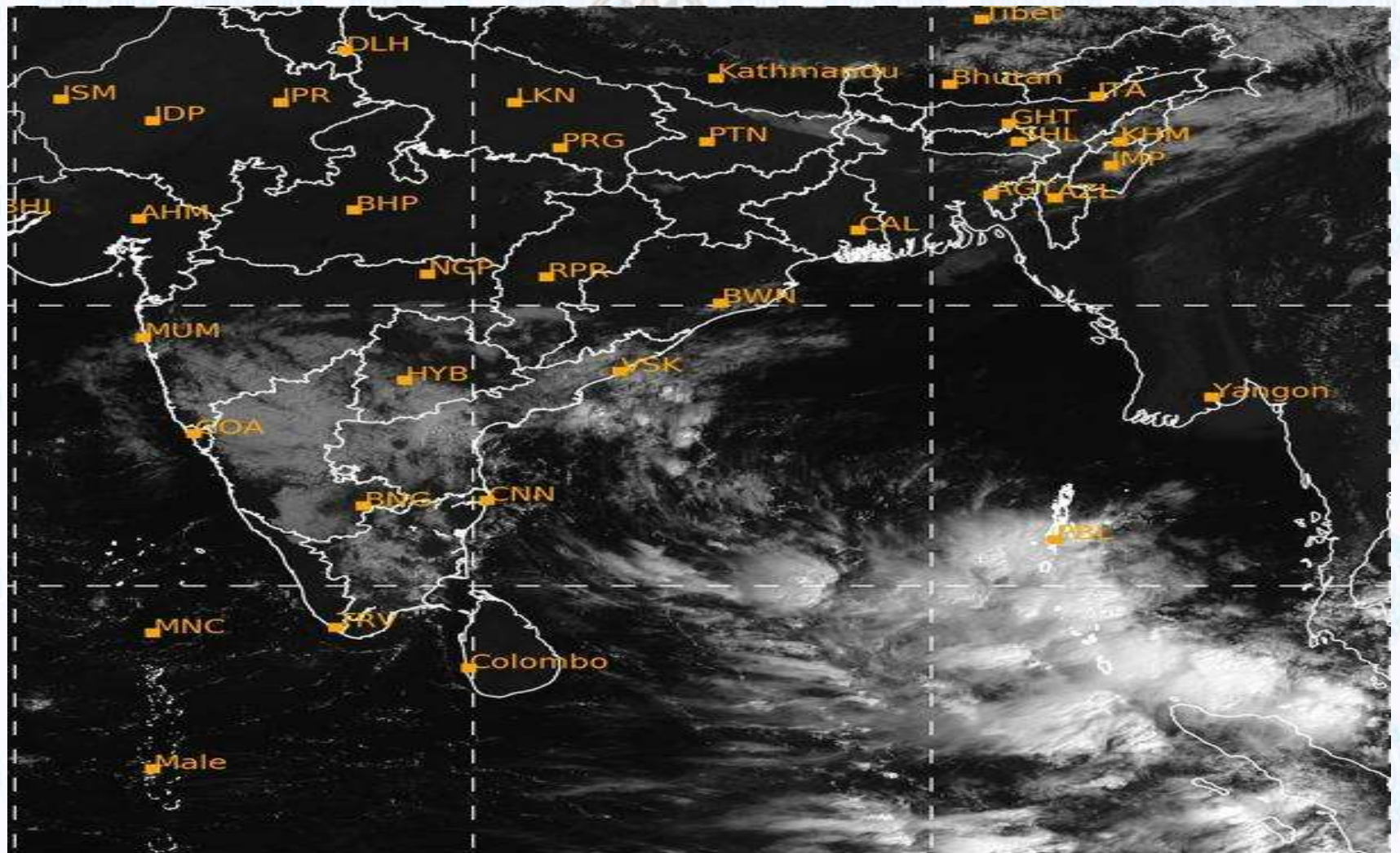
12/12/2020, 11:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



12/12/2020, 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 12.12.2020)

<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-EASTERLY, 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 = 12,0000 UTC. CHATTOGRAM =1013 HPA





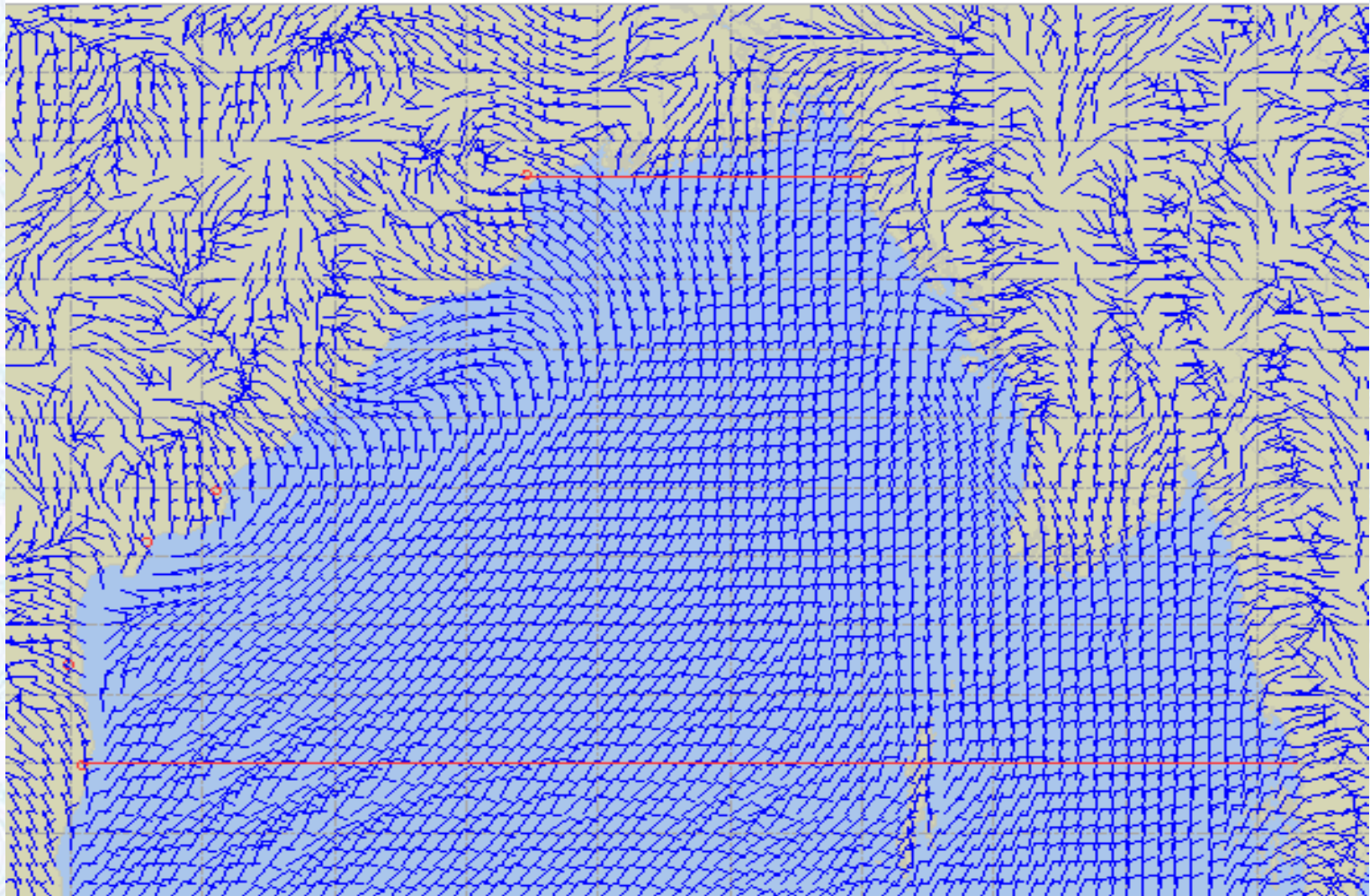
## **Inland River Port Warning** **(VALID TILL 06 PM OF 12.12.2020)**

MODERATE FOG MAY REDUCE SURFACE VISIBILITY TO 0800M OR LESS AT PLACES OVER THE RIVERBASINS OF THE COUNTRY DURING NEXT (04-06) HRS COMMENCING 09:00 AM OF 12.12.2020 WHEREIN RIVERCRAFTS SHALL PROCEED WITH CAUTION BUT NO SIGNAL IS TO BE HOISTED.

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



# Surface Wind Forecast- 13 Dec - 2020



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



**60 Knots**

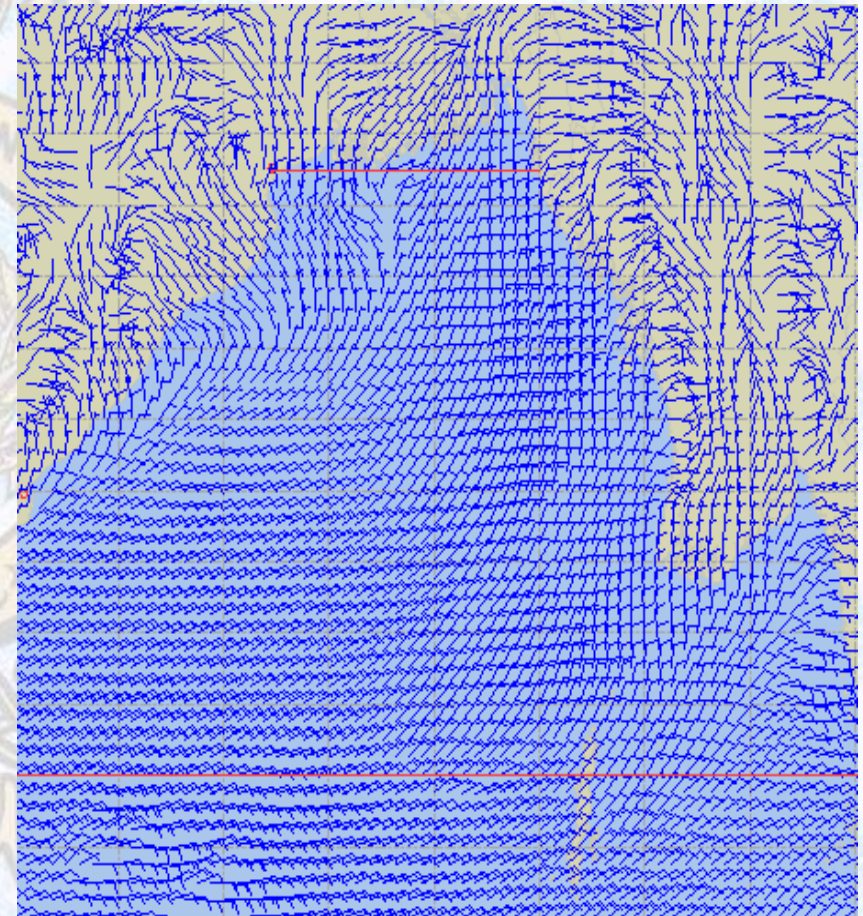
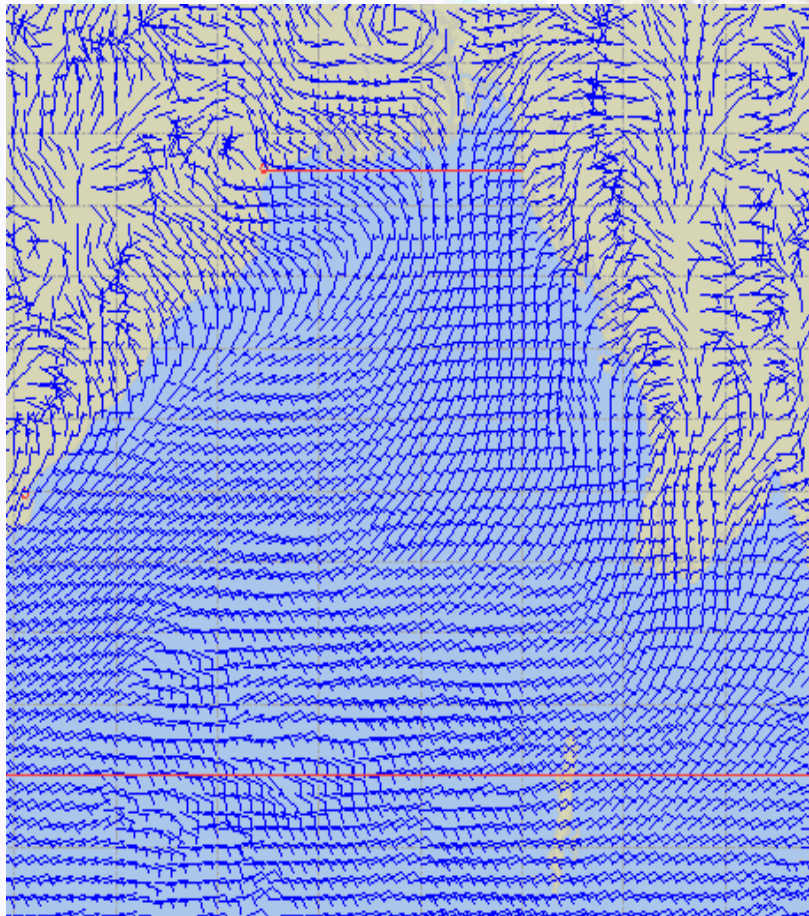




# Surface Wind Forecast – 14 & 15 Dec - 2020

14 Dec 20 Monday

15 Dec 20 Tuesday



**Legend:**



Calm  
Winds



5 Knots



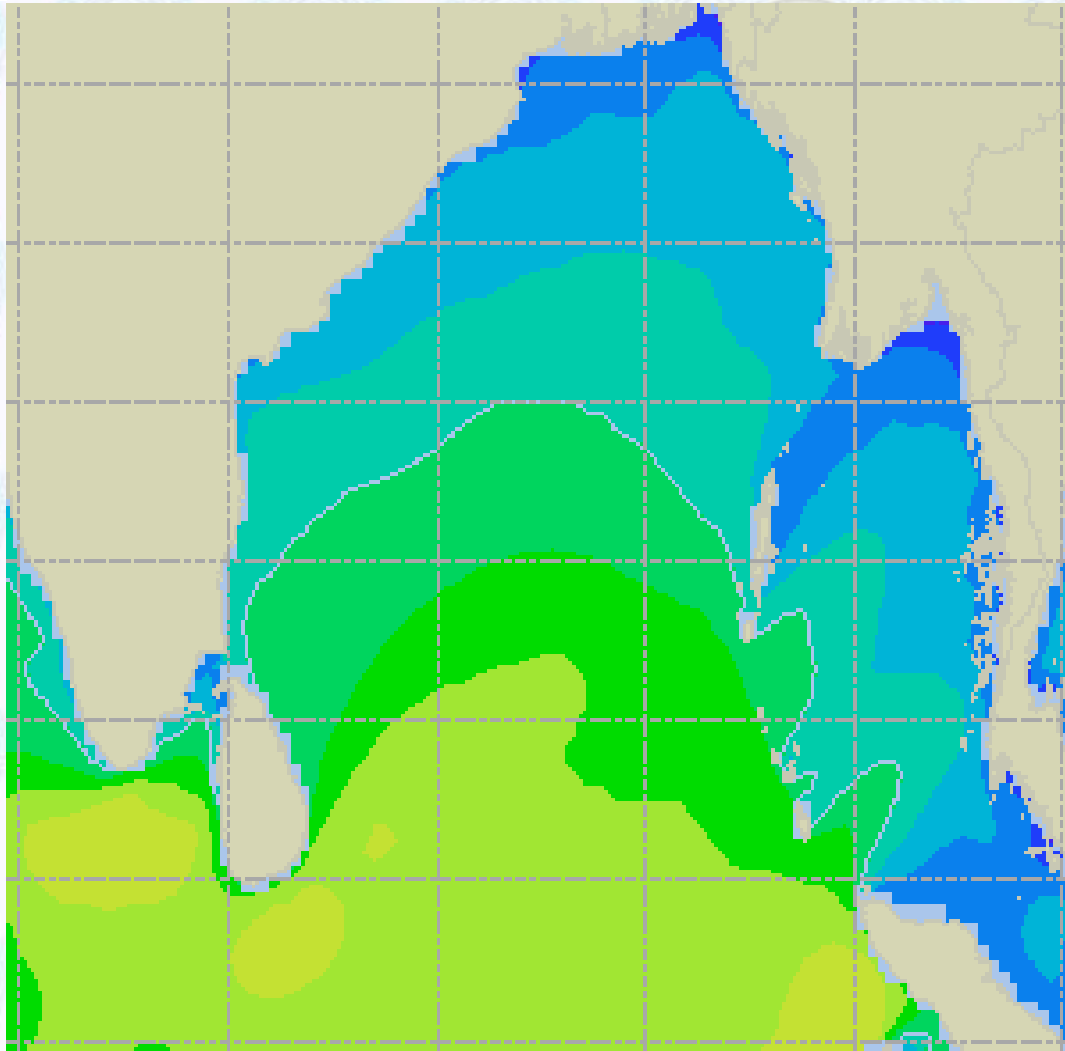
10 Knots



60 Knots



# Sea State Forecast – 13 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

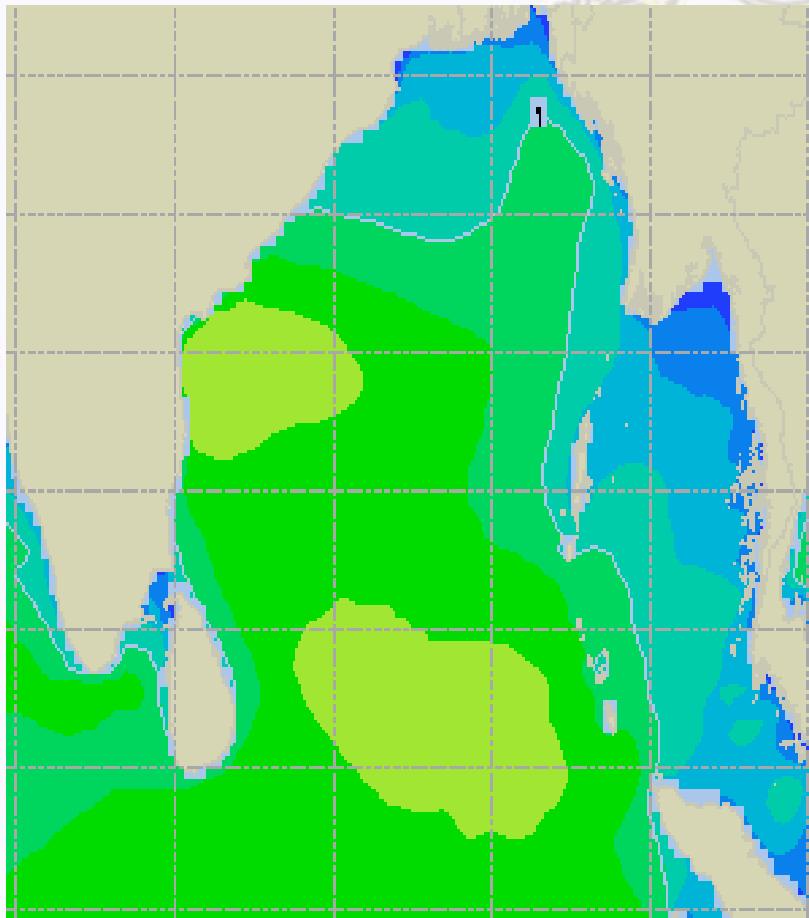




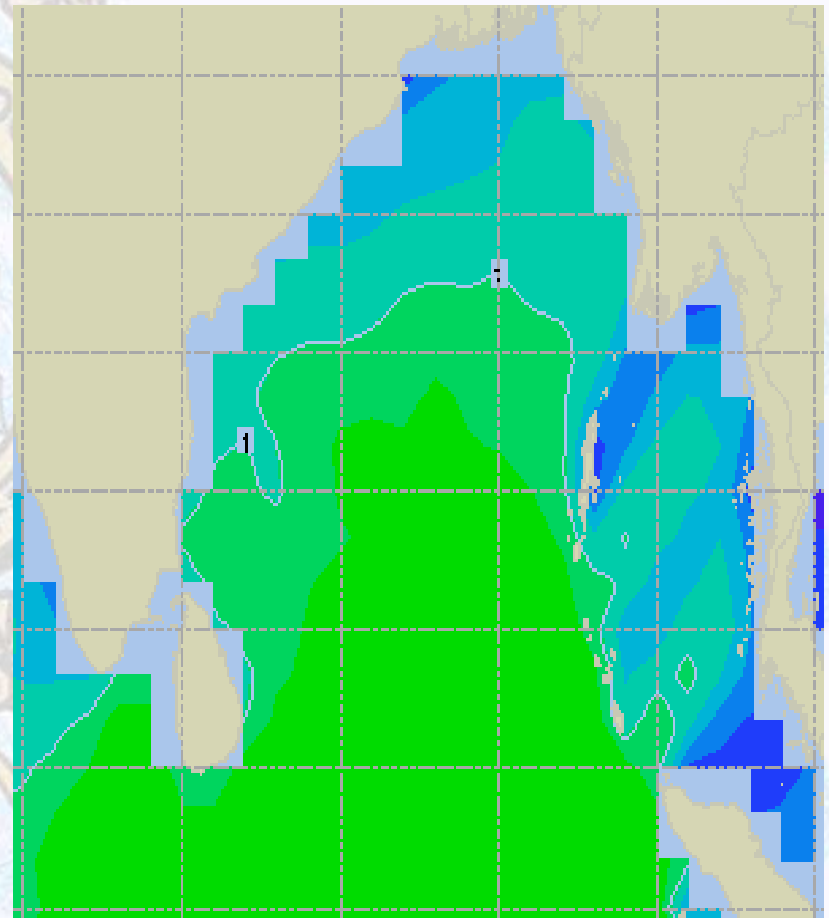


# Sea State Forecast – 14 & 15 Dec - 2020

14 Dec 20 Monday



15 Dec 20 Tuesday

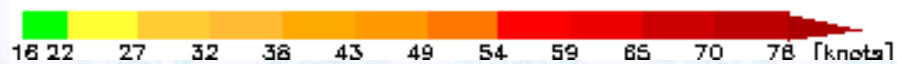
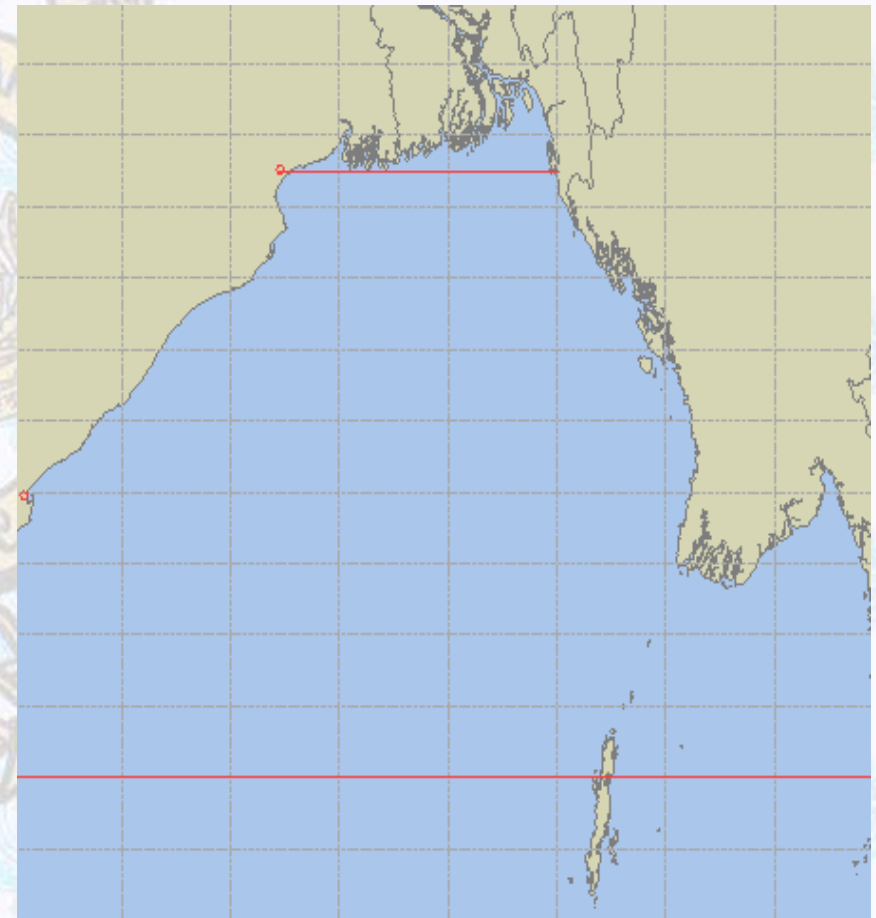
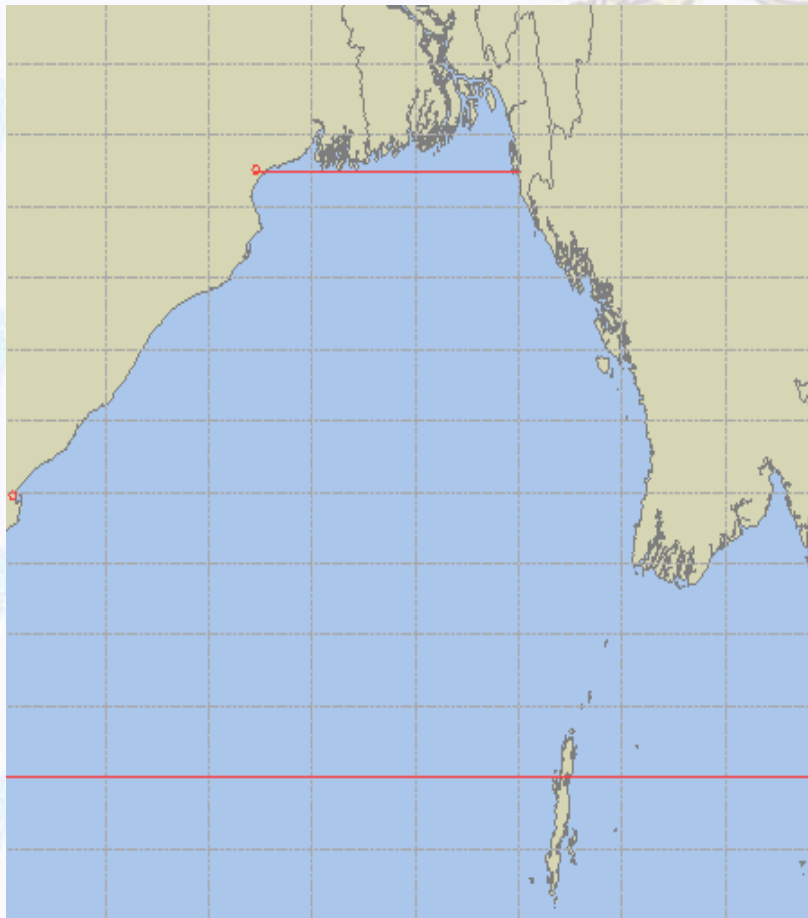




# Peak Gusting Possibilities— 13 & 14 Dec 2020

13 Dec 20 Sunday

14 Dec 20 Monday

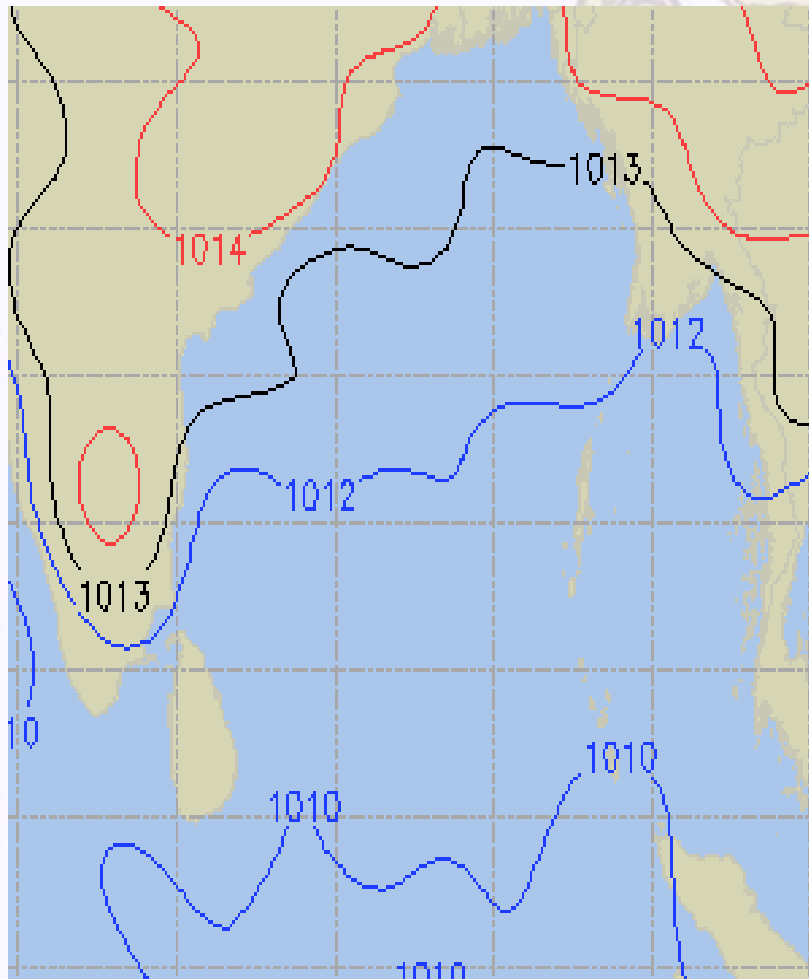




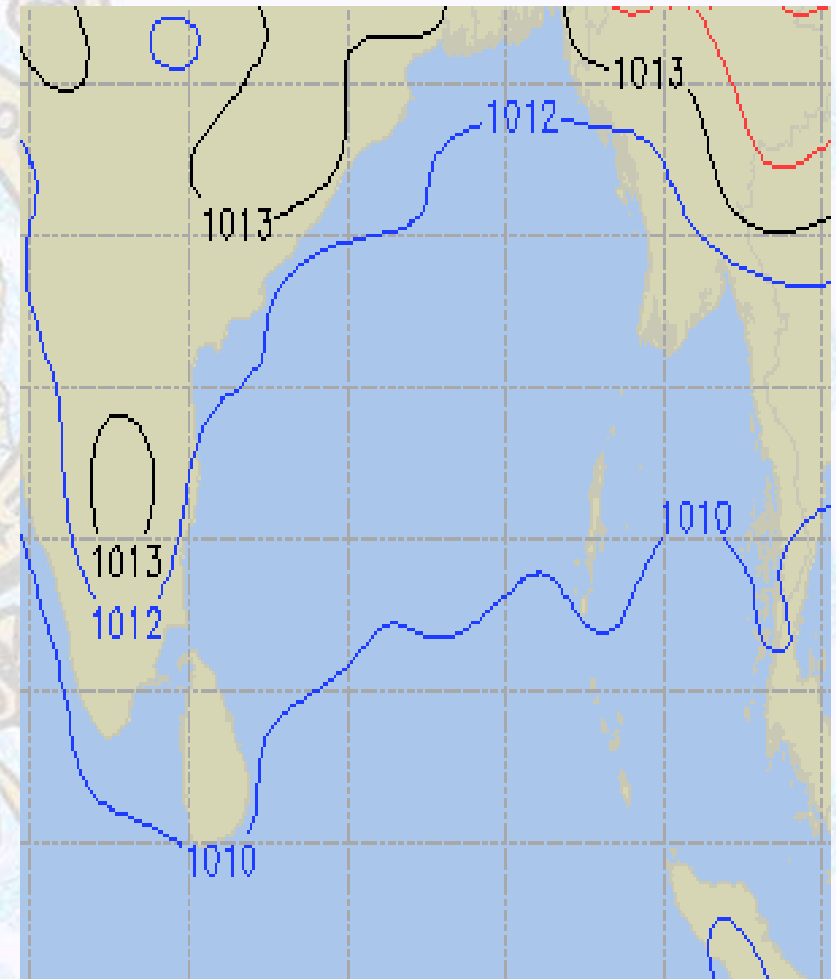


# Surface Pressure forecast– 13 & 14 Dec 2020

13 Dec 20 Sunday



14 Dec 20 Monday

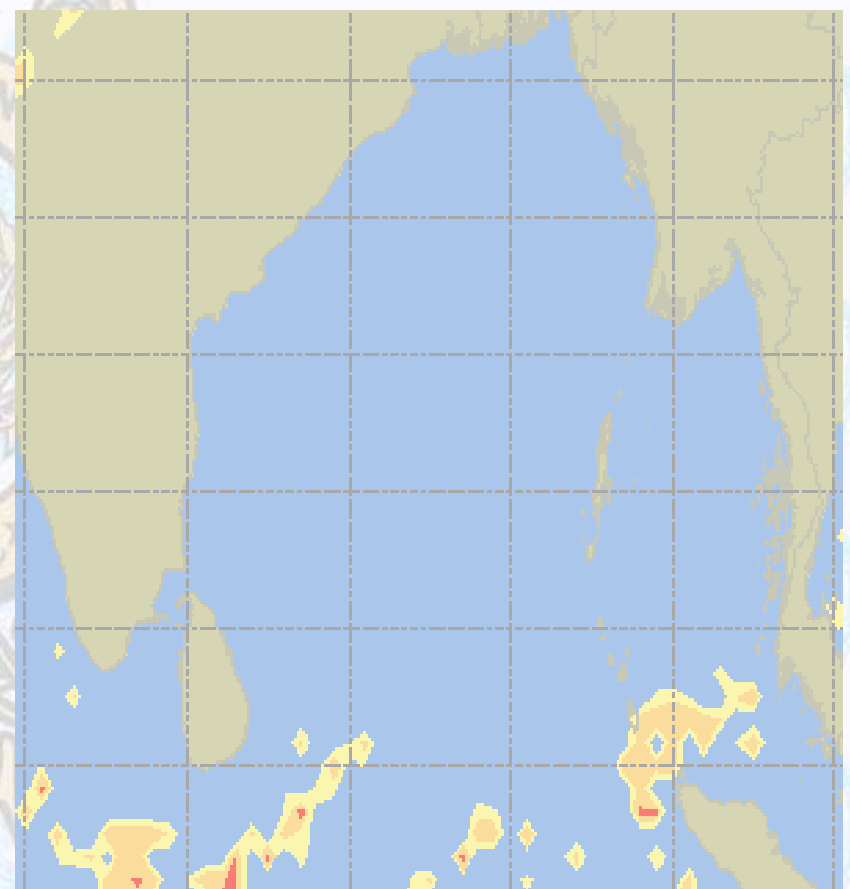
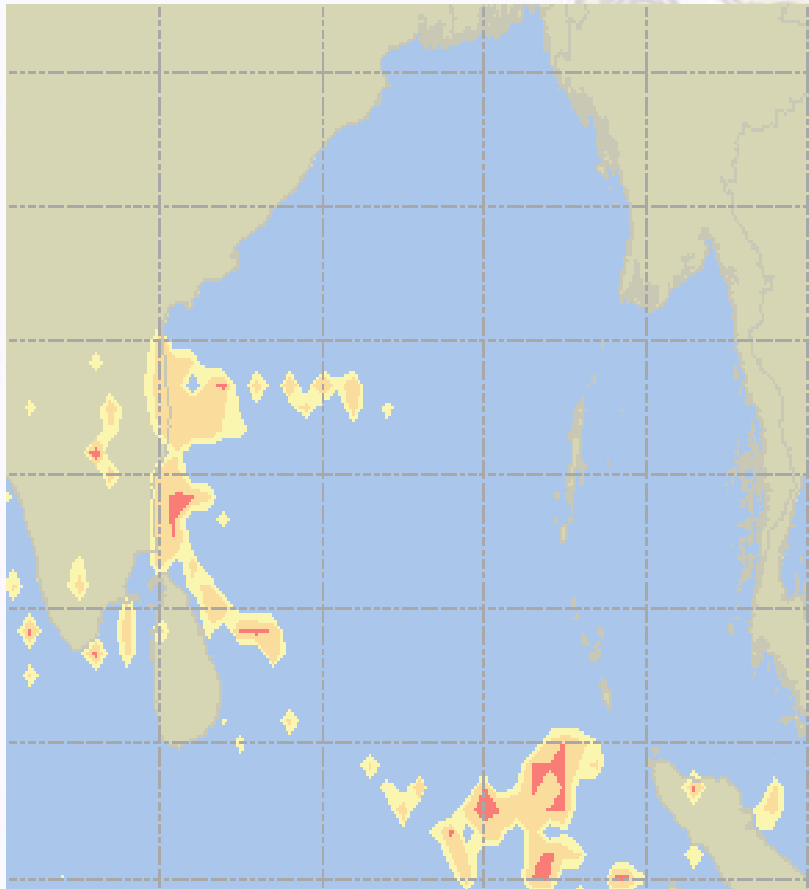




# Visibility at Sea Forecast – 13 & 14 Dec 2020

13 Dec 20 Sunday

14 Dec 20 Monday



**Visibility Scale:**



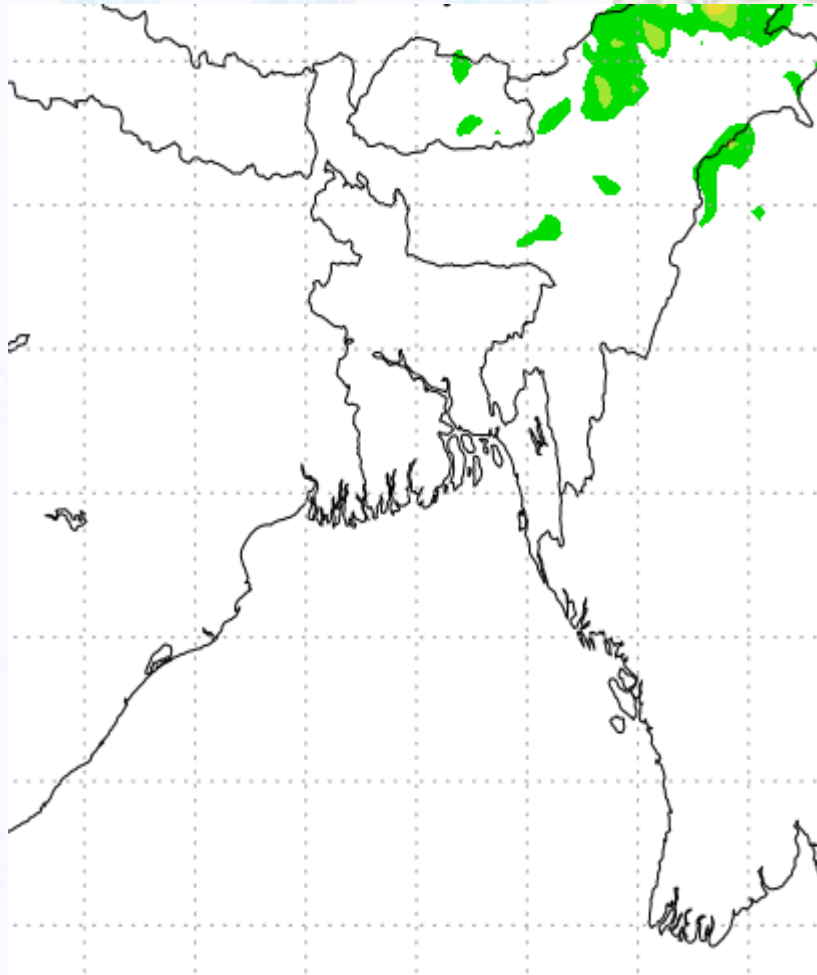
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



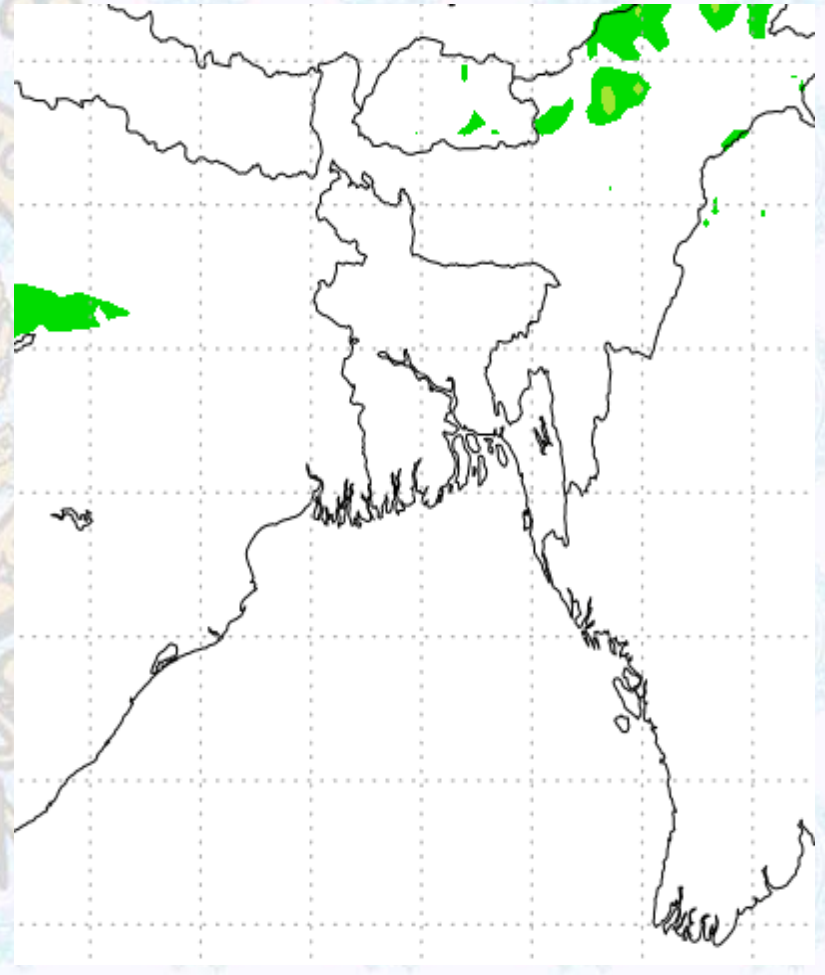


# Precipitation

Rain(mm) 13 & 14 Dec2020



Rain(mm) 14 & 15 Dec2020



**Precipitation Scale (mm):**





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

	Time	Height		Time	Height		Time	Height
		0605		0.53			0339	0.60
<b>13 Dec 2020</b>	1148	4.11		0914	3.09		0920	2.70
	1813	0.41		1553	0.49		1535	0.55
	-	-		2141	3.60		2149	3.13
	Time	Height		Time	Height		Time	Height
		0009		4.69			0430	0.50
<b>14 Dec 2020</b>	0653	0.44		1002	3.18		1010	2.74
	1235	4.17		1642	0.41		1623	0.51
	1859	0.38		2227	3.69		2234	3.17
	Time	Height		Time	Height		Time	Height
		0051		4.73			0516	0.45
<b>15 Dec 2020</b>	0738	0.40		1048	3.20		1057	2.75
	1318	4.19		1728	0.83		1708	0.52
	1941	0.39		2312	3.69		2318	3.16