



# WEATHER FORECAST FOR BN

*01 - 04 DEC 2020*



# WEATHER FORECAST – DHAKA

## 01.12.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	28 / 17	28 / 16	24 / 17	23 / 17
Wind	3 km/h WSW	5 km/h WSW	4 km/h W	3 km/h WNW
Humidity	52%	49%	65%	72%
Chance of Precip	1%	1%	3%	4%
Cloud Cover	1%	1%	1%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 24 AM 17: 10 PM			

### Conditions

Pressure : 1015 hpa

Visibility : 3.54 km

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





# WEATHER FORECAST – CHATTOGRAM

## 01.12.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	29 / 20	28 / 21	24 / 21	22 / 20
Wind	9 km/h WNW	7 km/h W	3 km/h WNW	2 km/h NNE
Humidity	60%	65%	82%	88%
Chance of Precip.	1%	1%	5%	6%
Cloud Cover	1%	2%	1%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise	06: 15 AM			
Sunset	17: 08 PM			

### Conditions

Pressure : 1015 hpa

Visibility : 4.51 Km

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



# WEATHER FORECAST – KHULNA

## 01.12.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	28 / 16	28 / 15	21 / 16	19 / 16
Wind	04 km/h WNW	4 km/h W	3 km/h W	4 km/h W
Humidity	46%	47%	73%	79%
Chance of Precip.	1%	1%	3%	4%
Cloud Cover	1%	1%	1%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 25 AM 17: 16 PM			

### Conditions

Pressure : 1016 hpa

Visibility : 14.48 Km

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





# GENERAL WEATHER FORECAST – DHAKA

Description	02 Dec 2020	03 Dec 2020	04 Dec 2020
<b>Temperature (C)</b>	29° C/ 18° C	29° C/ 18° C	29° C/ 18° C
<b>Summary</b>	Sunny	Sunny	Sunny
<b>Sun Rise/Set</b>	6h25m00s/17h10m54s	6h25m48s/17h10m54s	6h26m30s/17h10m54s
<b>Day Length</b>	10h45m54s	10h45m06s	10h44m24s
<b>Moon Rise/ Set</b>	6:46PM 7:55AM	7:39PM 8:48AM	8:35PM 9:40AM
<b>Moon Phase/ illu</b>	Waning Gibbous, 96%	Waning Gibbous, 91%	Waning Gibbous, 84%
<b>Nautical Twilight</b>	05:32, 18:03	05:33, 18:03	05:33, 18:03
<b>Civil Twilight</b>	06:00, 17:35	06:01, 17:35	06:01, 17:35
<b>Humidity</b>	D : 62%    N : 77%	D : 61%    N : 76%	D : 60%    N : 76%
<b>Barometer (mb)</b>	1014	1012	1012
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	5%	5%	5%
<b>Wind (mph)</b>	6 Km/h W	6 Km/h WSW	6 Km/h SW

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



# GENERAL WEATHER FORECAST– CHATTOGRAM

Description	02 Dec 2020	03 Dec 2020	04 Dec 2020
<b>Temperature (C)</b>	28 °C/ 17 °C	28 °C/ 17 °C	28 °C/ 17 °C
<b>Summary</b>	Sunny	Sunny	Sunny
<b>Sun Rise/Set</b>	6h16m18s/17h08m12s	6h17m06s/17h08m12s	6h17m48s/17h08m12s
<b>Day Length</b>	10h51m54s	10h51m06s	10h50m24s
<b>Moon Rise/ Set</b>	6:43PM 7:45AM	7:37PM 8:39AM	8:33PM 9:31AM
<b>Moon Phase/ illu</b>	Waning Gibbous, 96%	Waning Gibbous, 91%	Waning Gibbous, 84%
<b>NauticalTwilight</b>	05:24 17:59	05:25 18:00	05:25 18:00
<b>Civil Twilight</b>	05:52, 17:32	05:52, 17:32	05:53, 17:32
<b>Humidity</b>	D : 72% N : 90%	D : 68% N : 88%	D : 67% N : 87%
<b>Barometer (mb)</b>	1015	1013	1013
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	5%	5%	5%
<b>Wind (mph)</b>	6 Km/h NW	6 Km/h NW	6 Km/h NNW

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





# GENERAL WEATHER FORECAST – KHULNA

Description	02 Dec 2020	03 Dec 2020	04 Dec 2020
<b>Temperature(C)</b>	29°C/ 17°C	29°C/ 17°C	29°C/ 17°C
<b>Summary</b>	Sunny	Sunny	Sunny
<b>Sun Rise/Set</b>	6h26m24s/17h16m18s	6h27m12s/17h16m18s	6h27m54s/17h16m18s
<b>Day Length</b>	10h59m54s	10h59m06s	10h48m24s
<b>Moon Rise/Set</b>	6:51PM 7:56AM	7:45PM 8:50AM	8:41PM 9:42AM
<b>Moon Phase/illu</b>	Waning Gibbous, 96%	Waning Gibbous, 91%	Waning Gibbous, 84%
<b>NauticalTwilight</b>	05:34, 18:08	05:34, 18:08	05:35, 18:08
<b>Civil Twilight</b>	06:02, 17:40	06:02, 17:40	06:03, 17:40
<b>Humidity</b>	D : 61%    N : 77%	D : 59%    N : 76%	D : 57%    N : 76%
<b>Barometer (mb)</b>	1014	1013	1013
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	5%	5%	5%
<b>Wind (mph)</b>	07 km/h WNW	07 km/h W	07 km/h WSW

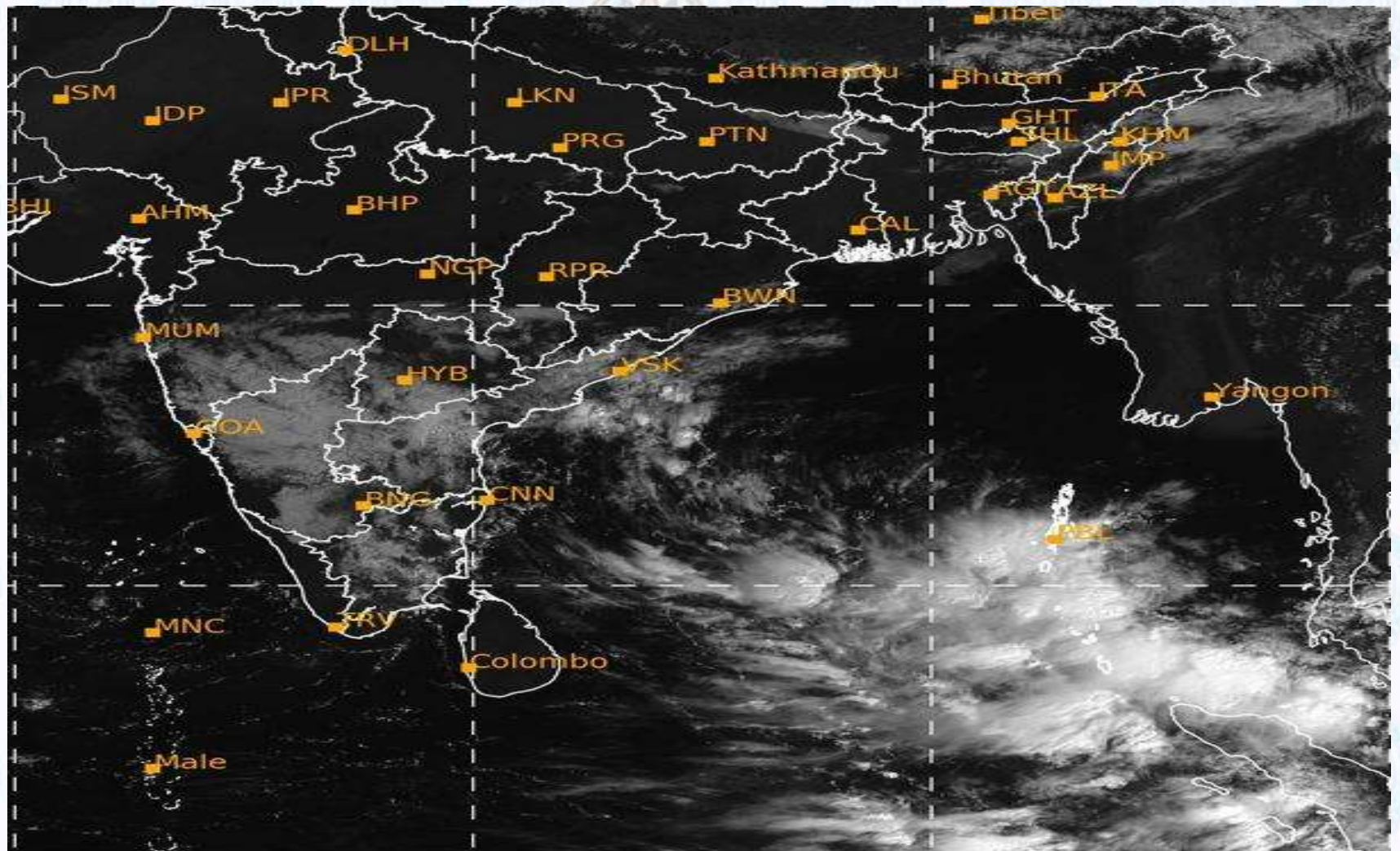
Ref: <https://weather.com/weather/5day//BGXX0005:1:BG>







# SATELLITE VIEW OF BAY OF BENGAL



01/12/2020, 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 01.12.2020)

<b>Part One</b>	NO STORM WARNING.	
<b>Part Two</b>	THE WELL MARKED LOW OVER SOUTH-EAST BAY AND ADJOINING AREA MOVED WEST-NORTHWEST WARDS, INTENSIFIED FIRST INTO A DEPRESSION AND THEN INTO A DEEP DEPRESSION AND WAS CENTRED AT 06 AM TODAY (01 DECEMBER,2020) OVER SOUTH-EAST BAY AND ADJOINING SOUTH-WEST BAY( LAT. 8.0 DEG. N & LONG 86.2 DEG. E). IT IS LIKELY TO INTENSIFY FURTHER.	
<b>Part Three</b>	Weather	TEMPORARY PARTLY CLOUDY SKY OVER AREA C-90.
	Wind	NORTH/NORTH-EASTERLY, 10-15 KTS.
	Visibility	03-05 KMS, REDUCING TO 1500 M OR LESS IN MIST/HAZE.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 01,0000 UTC. CHATTOGRAM =1015 HPA





# Inland River Port Warning (VALID TILL 06 PM OF 01.12.2020)

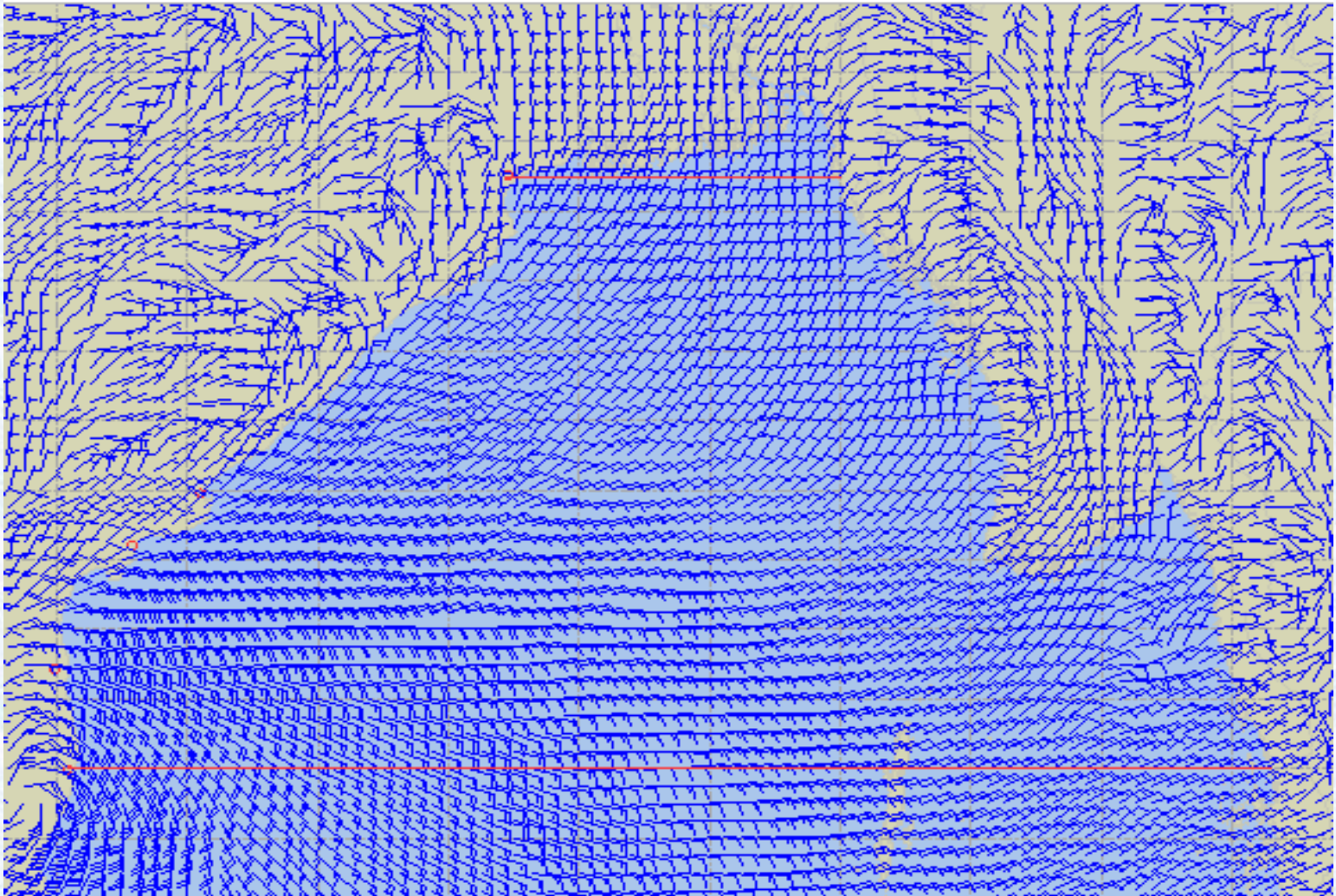
THERE IS NO INLAND RIVERPORT WARNING & NO SIGNAL IS TO BE HOISTED.



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



# Surface Wind Forecast- 02 Dec - 2020



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



**60 Knots**

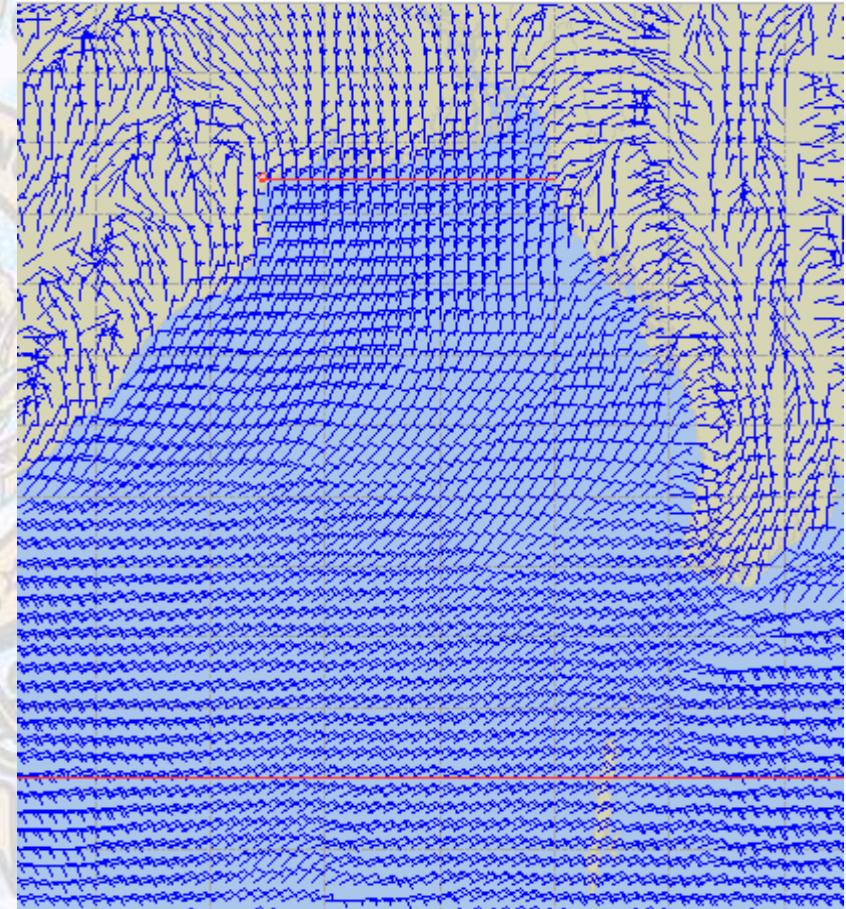
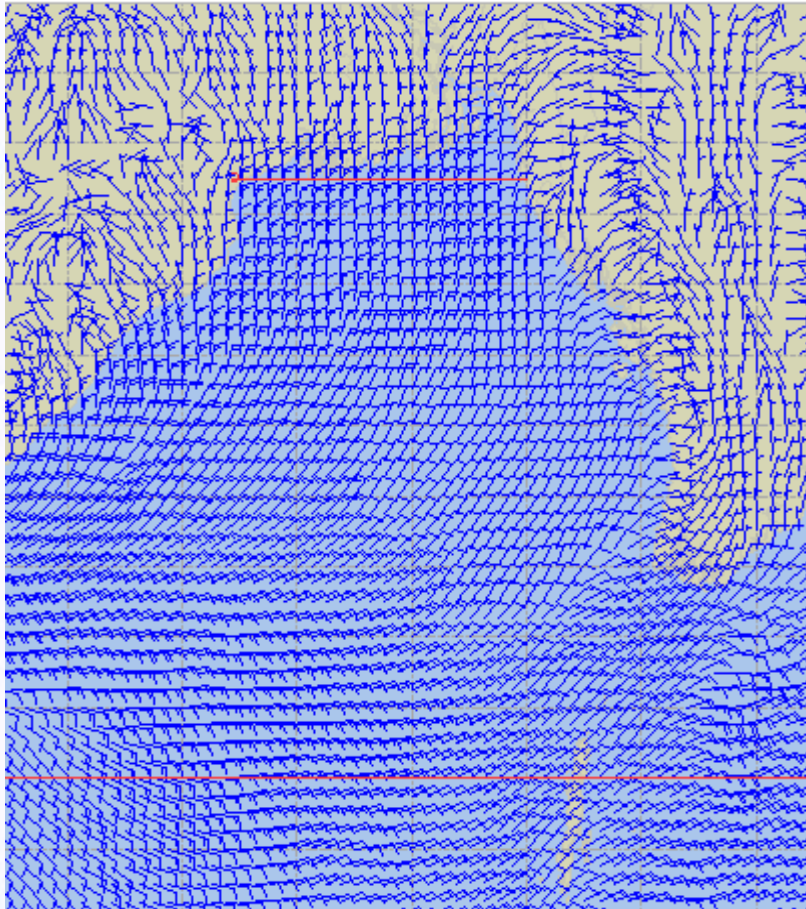




# Surface Wind Forecast – 03 & 04 Dec - 2020

03 Dec 20 Thursday

04 Dec 20 Friday



**Legend:**



Calm  
Winds



5 Knots



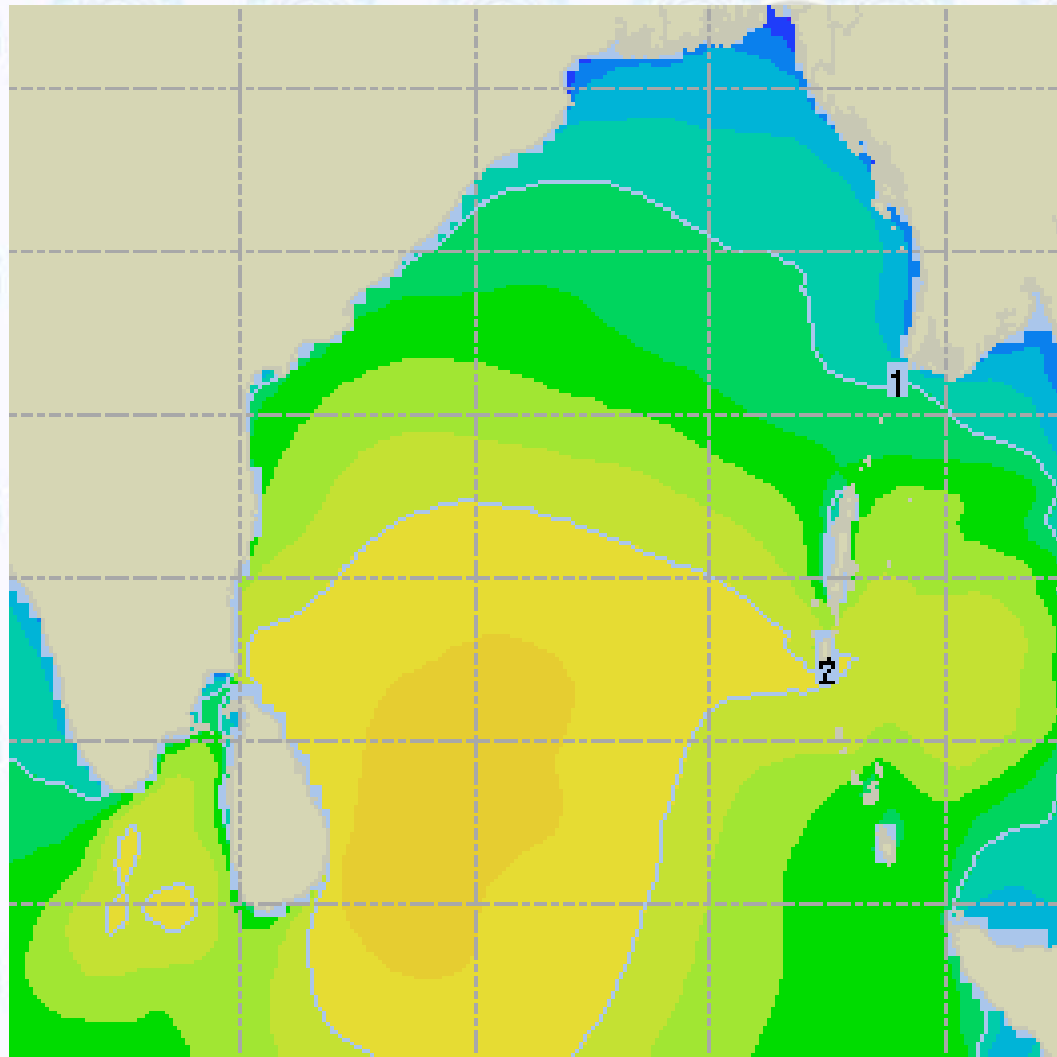
10 Knots



60 Knots



# Sea State Forecast – 02 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

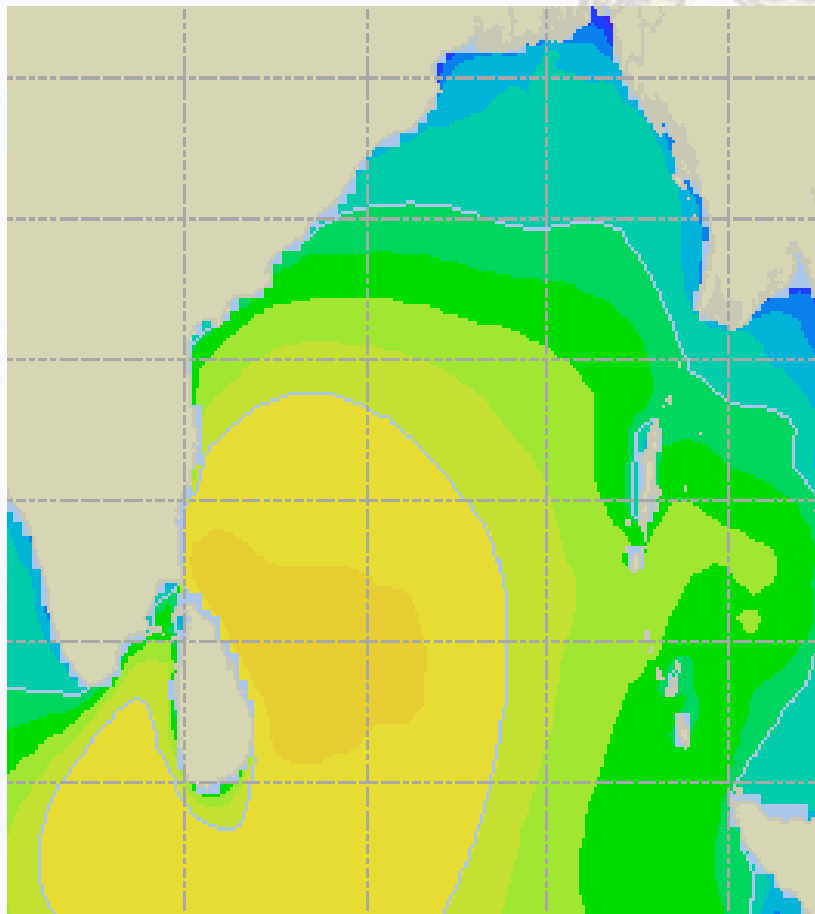




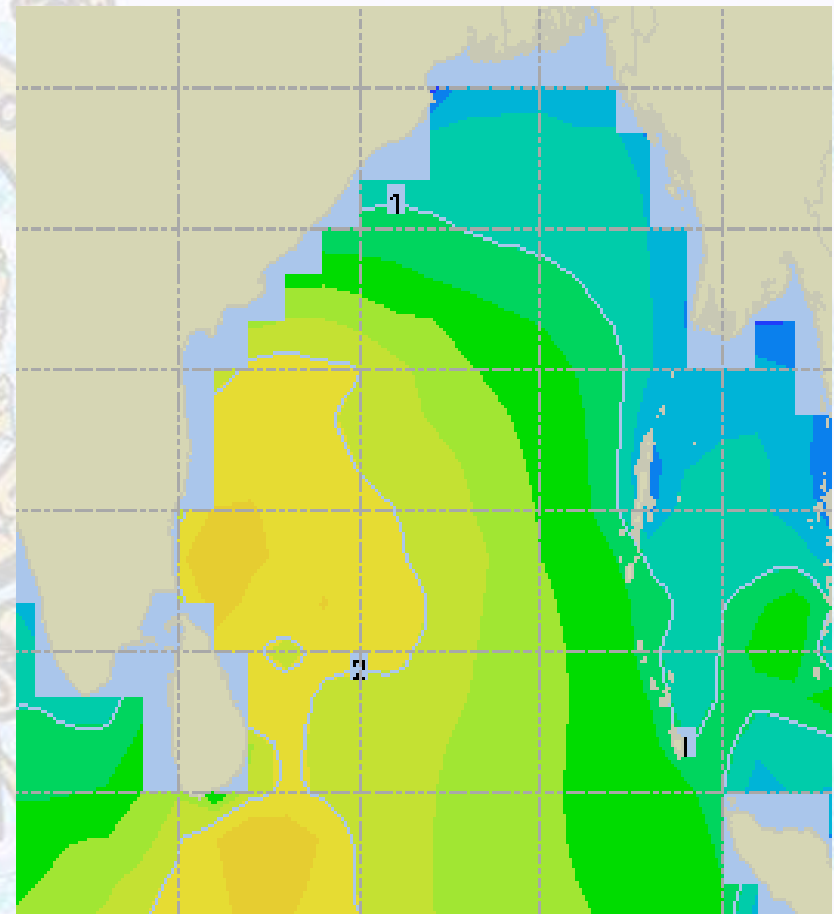


# Sea State Forecast – 03 & 04 Dec- 2020

03 Dec 20 Thursday



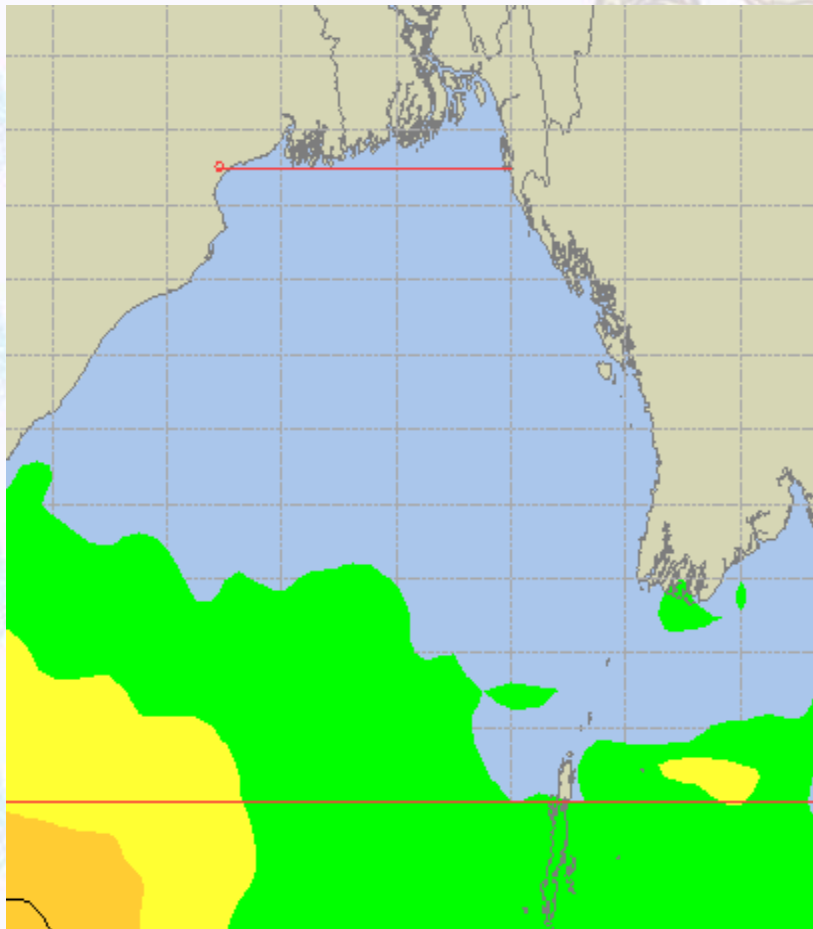
04 Dec 20 Friday



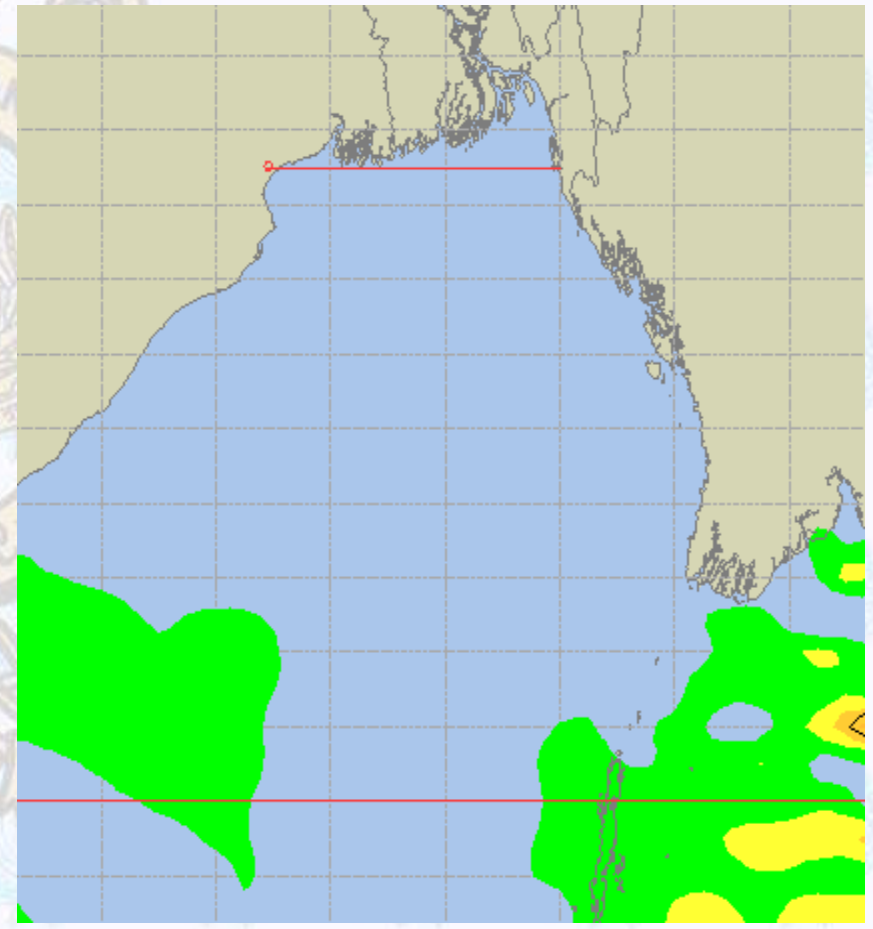


# Peak Gusting Possibilities— 02 & 03 Dec 2020

02 Dec 20 Wednesday



03 Dec 20 Thursday



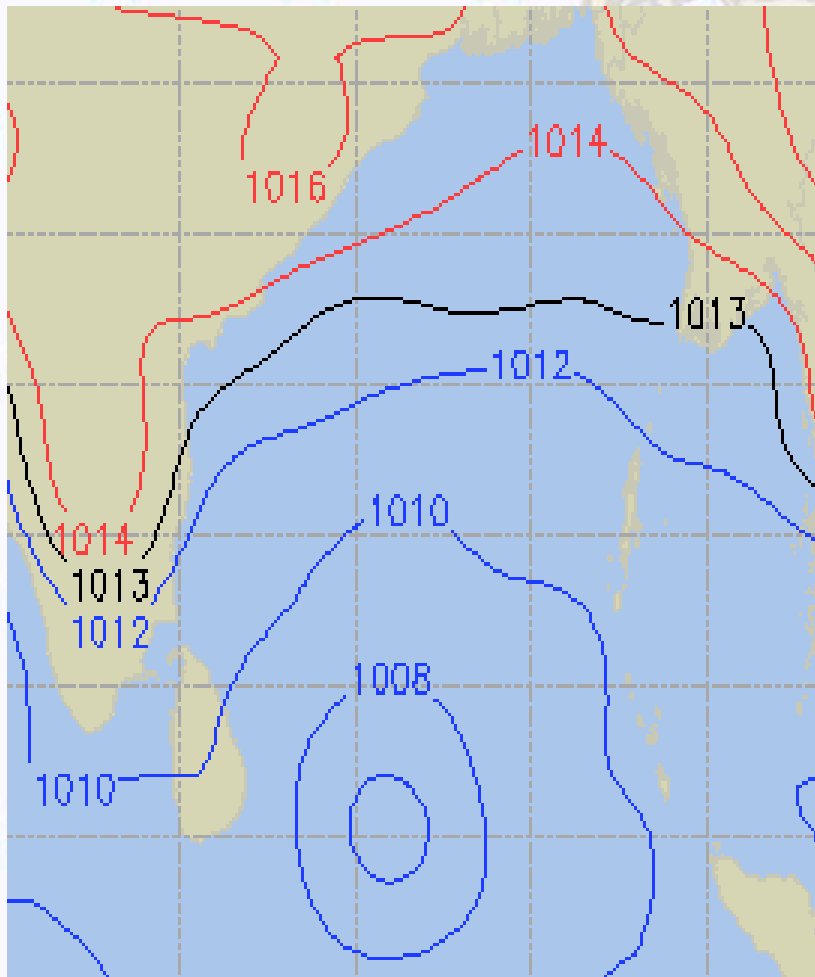
16 22 27 32 38 43 49 54 59 65 70 78 [knots]



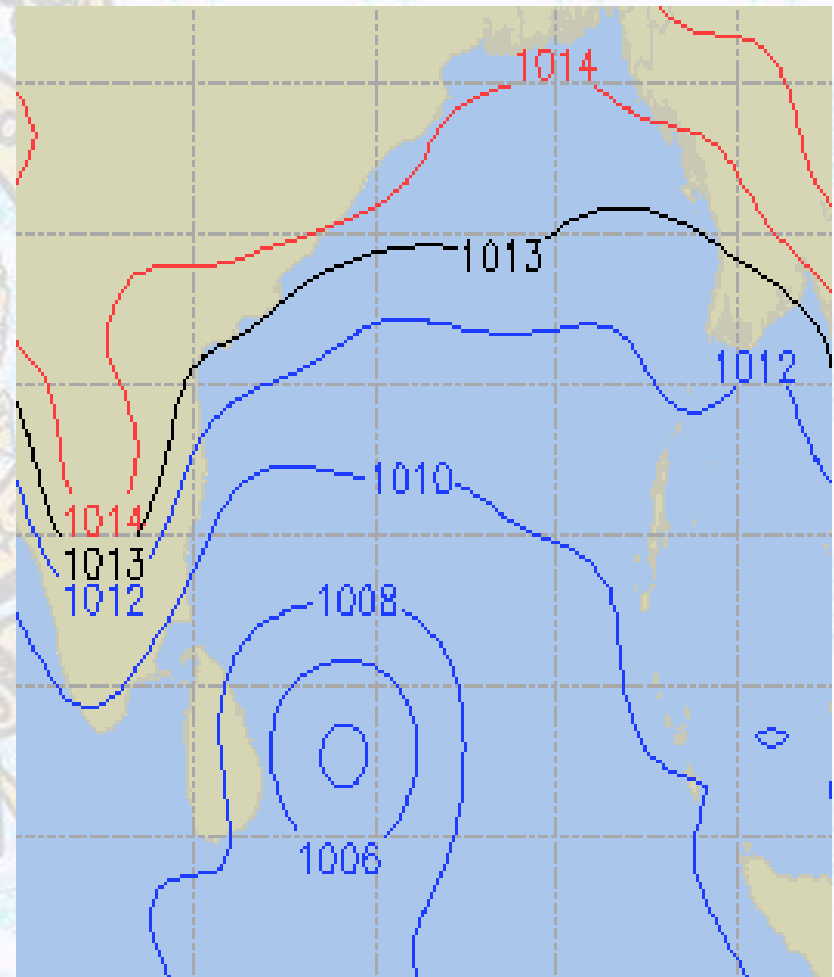


# Surface Pressure forecast– 03 & 04 Dec 2020

03 Dec 20 Thursday



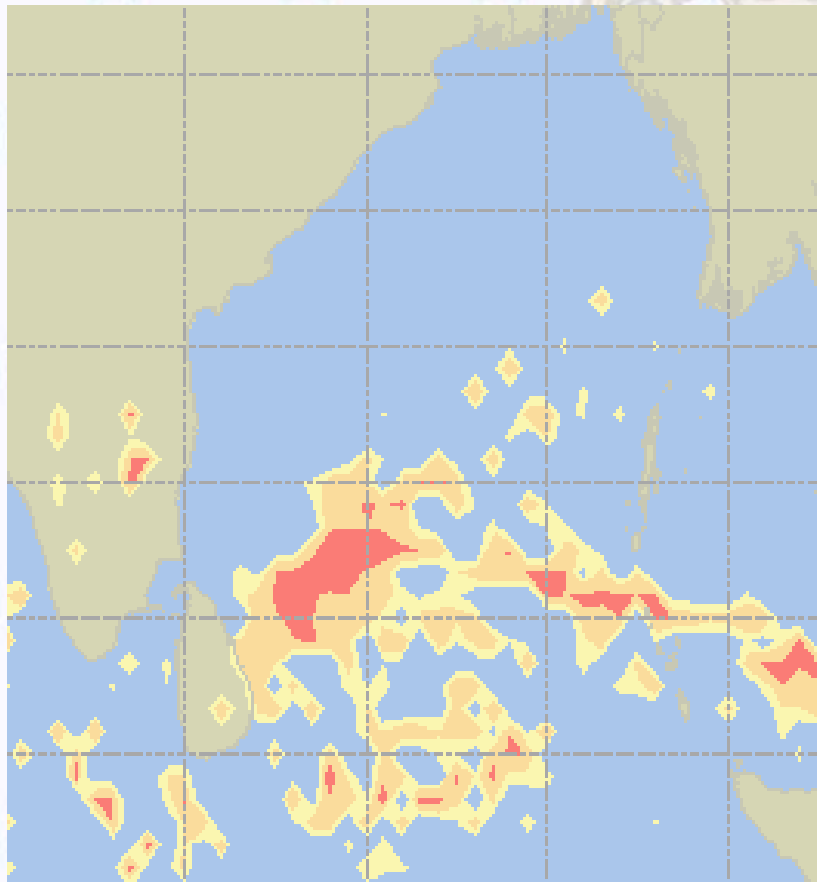
04 Dec 20 Thursday



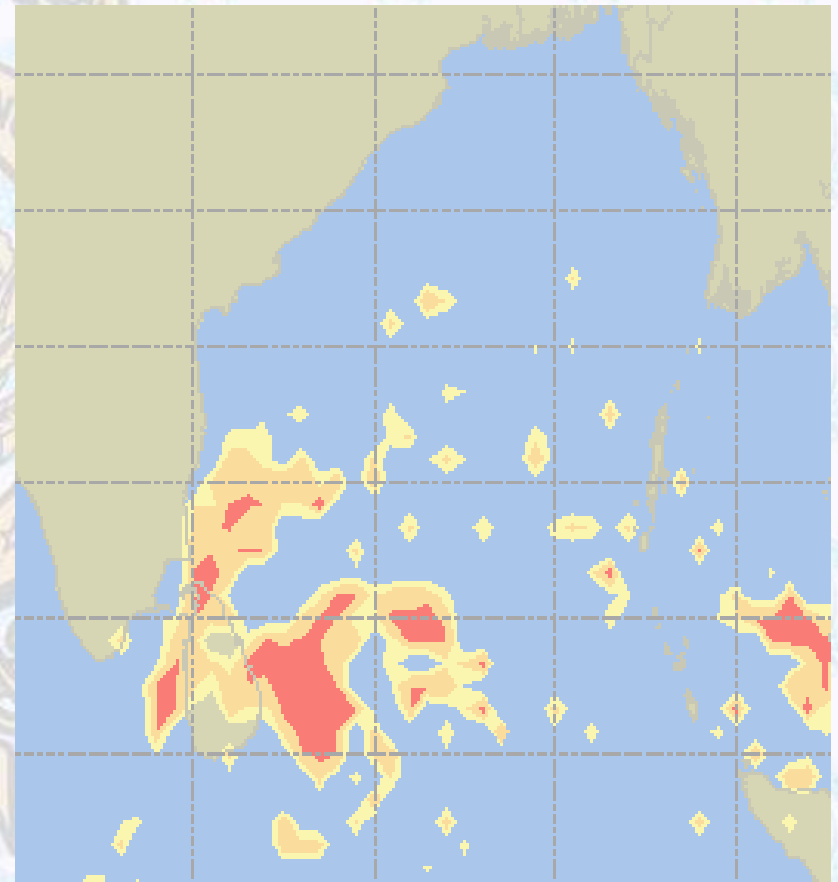


# Visibility at Sea Forecast – 02 & 03 Dec 2020

02 Dec 20 Wednesday



03 Dec 20 Thursday



**Visibility Scale:**



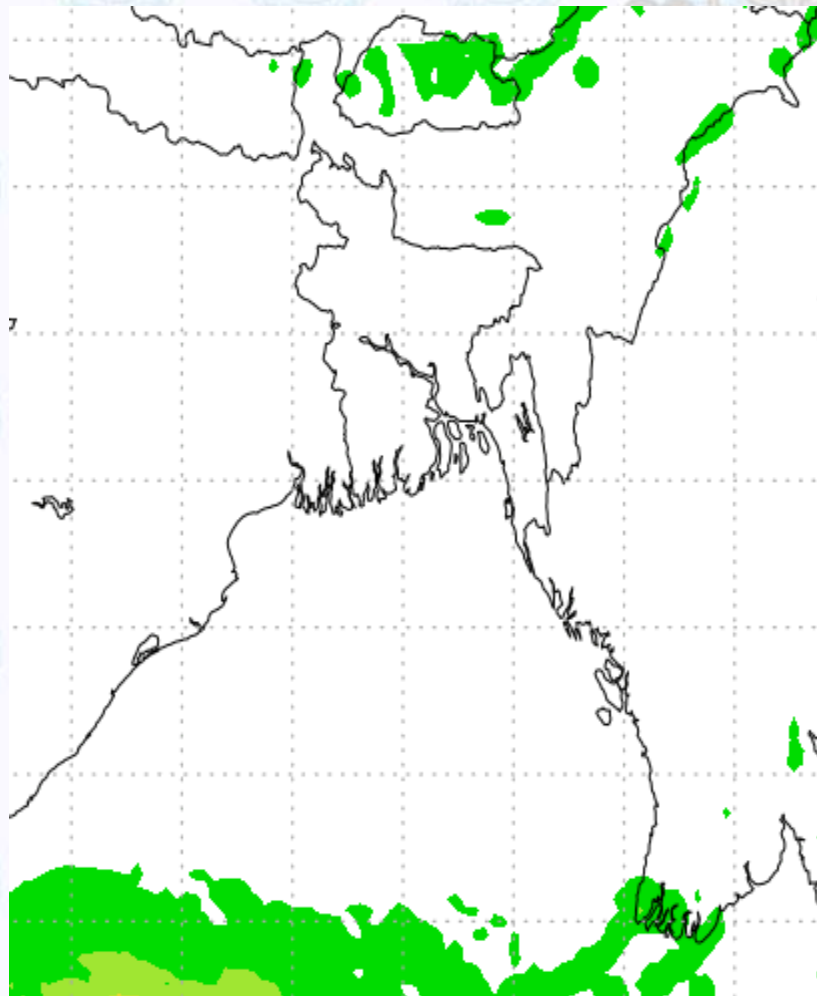
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



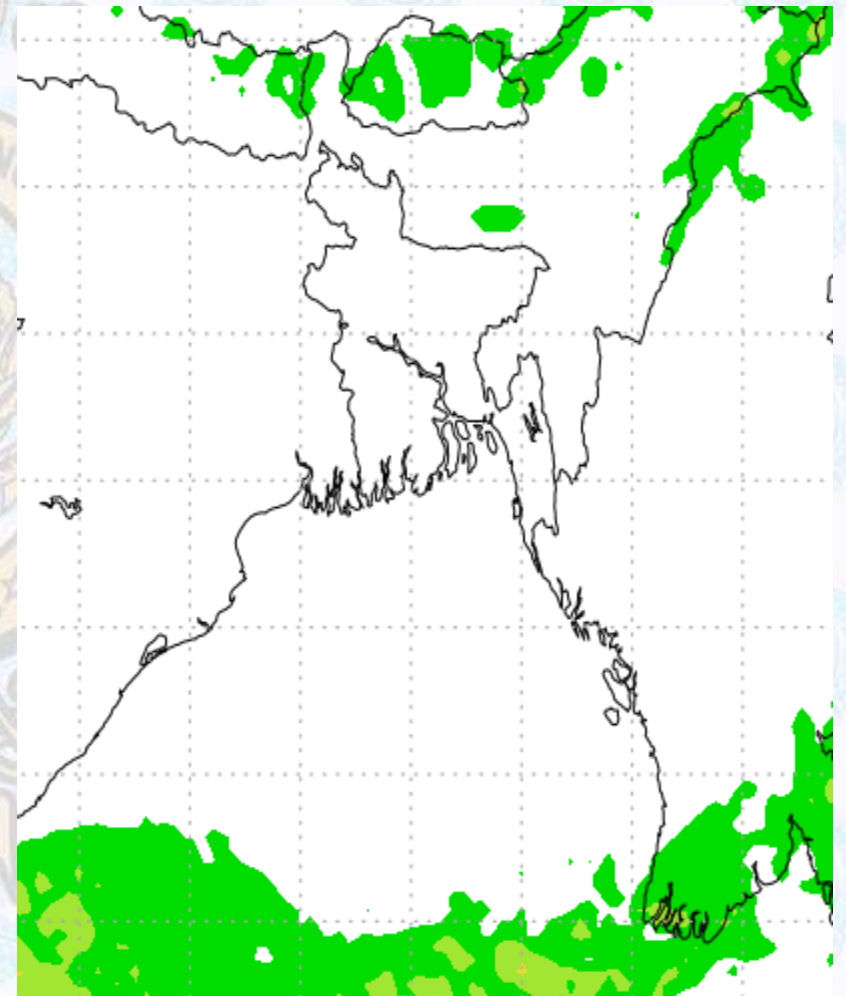


# Precipitation

Rain(mm) 02 &03 Dec2020



Rain(mm) 03 &04 Dec2020



**Precipitation Scale (mm):**





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

	Time	Height		Time	Height		Time	Height
<b>02 Dec 2020</b>	0134	4.56		0608	0.64		0549	0.84
	0815	0.62		1141	2.96		1137	2.62
	1355	4.09		1813	0.62		1742	0.70
	2013	0.56		-	-		2352	2.94
<b>03 Dec 2020</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0202	4.53		0004	3.36		0623	0.87
	0847	0.66		0641	0.66		1210	2.59
	1426	4.03		1215	2.89		1815	0.75
	2045	0.63		1845	0.67		-	-
<b>04 Dec 2020</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0233	4.47		0039	3.27		0025	2.90
	0922	0.71		0715	0.70		0659	0.91
	1502	3.95		1252	2.81		1246	2.53
	2121	0.73		1920	0.75		1851	0.83