



# **WEATHER FORECAST FOR BN**

***02 - 05 JUN 2021***





# WEATHER FORECAST – DHAKA

## 02.06.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	30°C / 25°C	30°C / 25°C	28°C / 25°C	27°C / 25°C
Wind	13 km/h S	13 km/h S	13 km/h S	13 km/h S
Humidity	58%	61%	72%	76%
Chance of Precip	34%	11%	14%	22%
Cloud Cover	70%	79%	65%	70%
Conditions	Cloudy	Cloudy	Cloudy	Rain
Sunrise / Sunset	0510 / 1842			

### Conditions

Pressure : 1004 hpa

Visibility : 4.02 km

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



# WEATHER FORECAST – CHATTOGRAM

## 02.06.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	30°C / 25°C	30°C / 25°C	28°C / 27°C	28°C / 26°C
Wind	11 km/h SW	10 km/h SW	9 km/h SE	9 km/h SSE
Humidity	62%	68%	83%	86%
Chance of Precip.	2%	2%	15%	24%
Cloud Cover	82%	76%	84%	86%
Conditions	Cloudy	Cloudy	Rain	Rain
Sunrise / Sunset	0508 / 1834			

### Conditions

Pressure : 1006 hpa

Visibility : 9.02 Km

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



# WEATHER FORECAST – KHULNA

## 02.06.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	32°C / 26°C	32°C / 26°C	28°C / 27°C	27°C / 26°C
Wind	11 km/h SSW	11 km/h SSW	10 km/h S	10 m/h S
Humidity	74%	78%	80%	84%
Chance of Precip.	16%	17%	15%	15%
Cloud Cover	76%	68%	83%	53%
Conditions	Cloudy	Cloudy	Cloudy	Cloudy
Sunrise/ Sunset	0516 / 1843			

### Conditions

Pressure : 1002 hpa

Visibility : 10.48 Km

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



# GENERAL WEATHER FORECAST – DHAKA

Description	03 Jun 2021	04 Jun 2021	05 Jun 2021
<b>Temperature (C)</b>	33°C / 27°C	34°C / 28°C	34°C / 28°C
<b>Summary</b>	Rain	Rain	Rain
<b>Sun Rise/Set</b>	5h10m36s/18h42m54s	5h10m36s/18h43m24s	5h10m36s/18h43m24s
<b>Day Length</b>	13h32m18s	13h33m18s	13h33m18s
<b>Moon Rise/ Set</b>	12:54AM / 12:44PM	1:28AM / 1:36PM	1:59AM / 2:26PM
<b>Moon Phase/ illu</b>	Waning Crescent, 37%	Waning Crescent, 28%	Waning Crescent, 19%
<b>Nautical Twilight</b>	04:23, 19:29	04:23, 19:29	04:23, 19:29
<b>Civil Twilight</b>	04:50, 19:08	04:50, 19:09	04:50, 19:09
<b>Humidity</b>	D : 78% N : 85%	D : 75% N : 82%	D : 75% N : 83%
<b>Barometer (mb)</b>	1005	1005	1004
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	63%	54%	54%
<b>Wind (km/hr)</b>	15 Km/h, SSW	14 Km/h, SSW	16 Km/h, SSW

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



# GENERAL WEATHER FORECAST – CHATTOGRAM

Description	03 Jun 2021	04 Jun 2021	05 Jun 2021
<b>Temperature (C)</b>	30°C/ 27°C	30°C/ 27°C	30°C/ 27°C
<b>Summary</b>	Rain	Rain	Rain
<b>Sun Rise/Set</b>	5h08m00s/ 18h34m00s	5h08m00s/ 18h35m30s	5h08m00s/ 18h35m30s
<b>Day Length</b>	13h26m00s	13h27m00s	13h27m00s
<b>Moon Rise/ Set</b>	12:54AM / 12:44PM	1:20AM / 1:46PM	1:53AM / 2:20PM
<b>Moon Phase/ illu</b>	Waning Crescent, 37%	Waning Crescent, 28%	Waning Crescent, 19%
<b>Nautical Twilight</b>	04:20, 19:29	04:21, 19:29	04:21, 19:29
<b>Civil Twilight</b>	04:45, 18:55	04:45, 18:56	04:45, 18:56
<b>Humidity</b>	D : 81%    N : 90%	D : 81%    N : 90%	D : 86%    N : 90%
<b>Barometer (mb)</b>	1007	1007	1007
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	82%	61%	82%
<b>Wind (km/hr)</b>	14 Km/h, SSW	14 Km/h, SW	15 Km/h, SSW

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



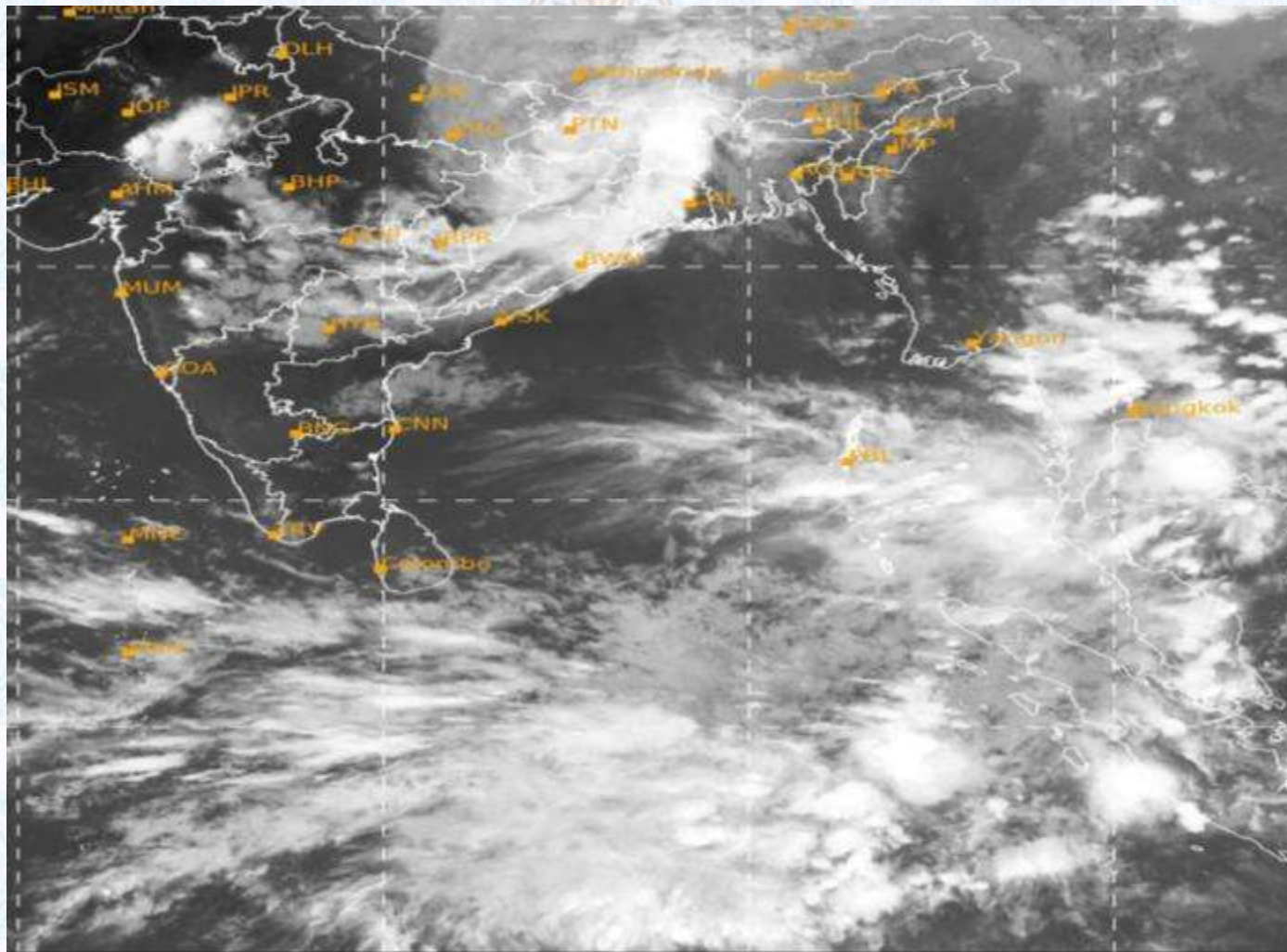
# GENERAL WEATHER FORECAST – KHULNA

Description	03 Jun 2021	04 Jun 2021	05 Jun 2021
<b>Temperature(C)</b>	33°C / 28°C	33°C / 29°C	34°C / 29°C
<b>Summary</b>	Rain	Light Rain	Cloudy
<b>Sun Rise/Set</b>	5h16m00s/ 18h44m12s	5h16m00s/ 18h44m42s	5h16m00s/ 18h44m42s
<b>Day Length</b>	13h 28m 12s	13h 28m 42s	13h 28m 42s
<b>Moon Rise/Set</b>	12:54AM / 12:44PM	1:18AM / 1:39PM	1:59AM / 2:29PM
<b>Moon Phase/illu</b>	Waning Crescent, 37%	Waning Crescent, 28%	Waning Crescent, 19%
<b>Nautical Twilight</b>	04:28, 19:33	04:28, 19:34	04:28, 19:34
<b>Civil Twilight</b>	04:53, 19:05	04:53, 19:05	04:53, 19:05
<b>Humidity</b>	D : 79%    N : 91%	D : 79%    N : 91%	D : 79%    N : 91%
<b>Barometer (mb)</b>	1005	1004	1004
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	62%	48%	55%
<b>Wind (km/hr)</b>	18 Km/h, SW	17 Km/h, SW	17 Km/h, SW

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



# SATELLITE VIEW OF BAY OF BENGAL



**02/06/2021, 11:00 UTC MATSAT-IR**

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







# Fleet Forecast Sea Area C-90 ( Valid for 12 Hrs Commencing 1000 UTC of 03.06.2021)

<b>Part One</b>	NO STORM WARNING.	
<b>Part Two</b>	TROUGH OF LOW LIES OVER NORTH BAY.	
<b>Part Three</b>	Weather	TEMPORARY RAIN/THUNDER SHOWERS OVER AREA C-90 .
	Wind	SOUTH/SOUTH -EASTERLY 08-12 KTS,TEMPORARY GUSTING TO 22 KTS.
	Visibility	03-05 KMS, REDUCING TO 1500 M OR LESS IN RAIN/SHOWERS.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 03,0000 UTC. CHATTOGRAM =1005 HPA



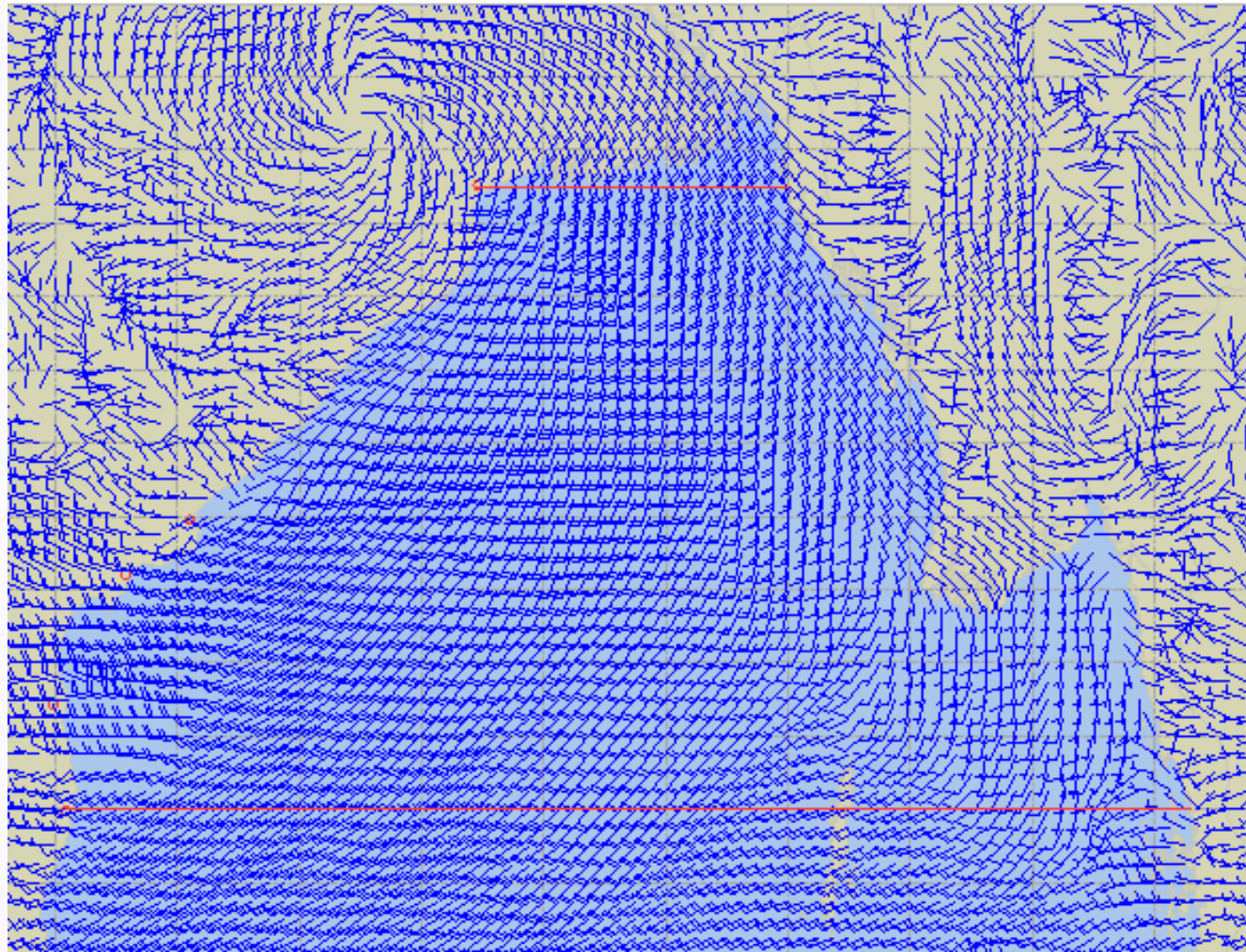
## **Inland River Port Warning** **(VALID TILL 06 PM OF 02.06.2020)**

IN ASSOCIATION WITH RAIN/THUNDER SHOWERS TEMPORARY WEST/NORTH-WESTERLY GUSTY/SQUALLY WIND SPEED 45-60 KPH IS LIKELY TO OCCUR OVER THE REGIONS OF DHAKA, FARIDPUR, MADARIPUR, JASHORE, KUSHTIA, KHULNA, BARISHAL, PATUAKHALI, NOAKHALI, CUMILLA, CHANDPUR, CHATTOGRAM, COX'S BAZAR AND SYLHET WHEREIN RIVERPORTS SHALL HOIST CAUTIONARY SIGNAL NO ONE (R) ONE.

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



# Surface Wind Forecast- 03 Jun - 2021



## Legend:



Calm  
Winds



5 Knots



10 Knots



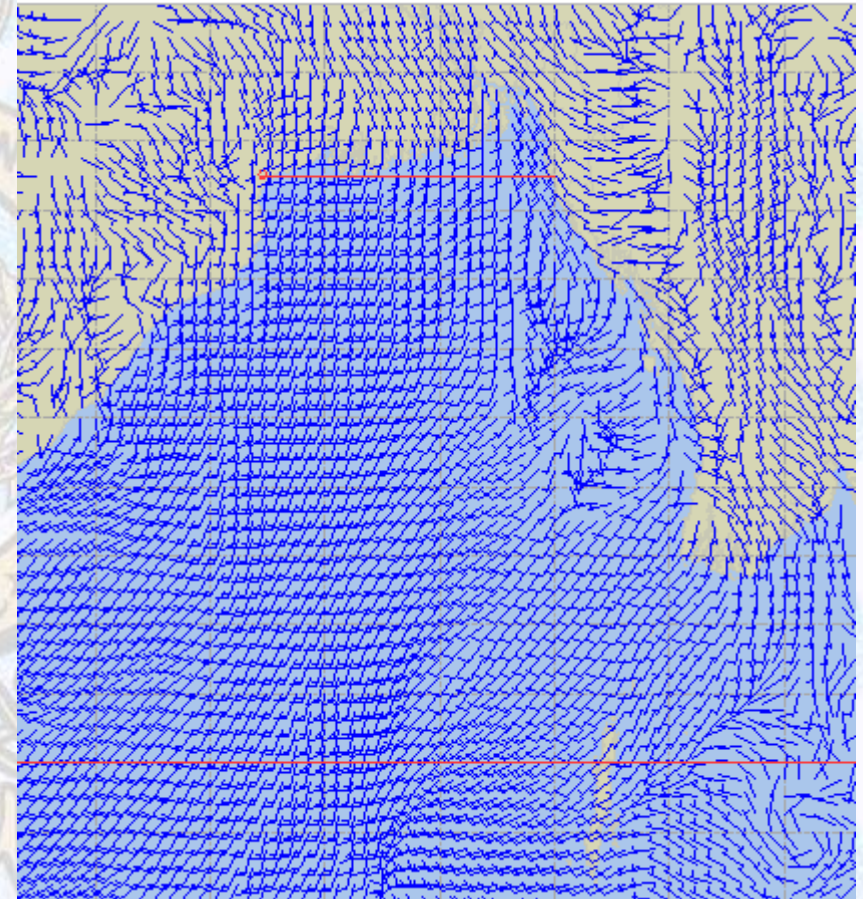
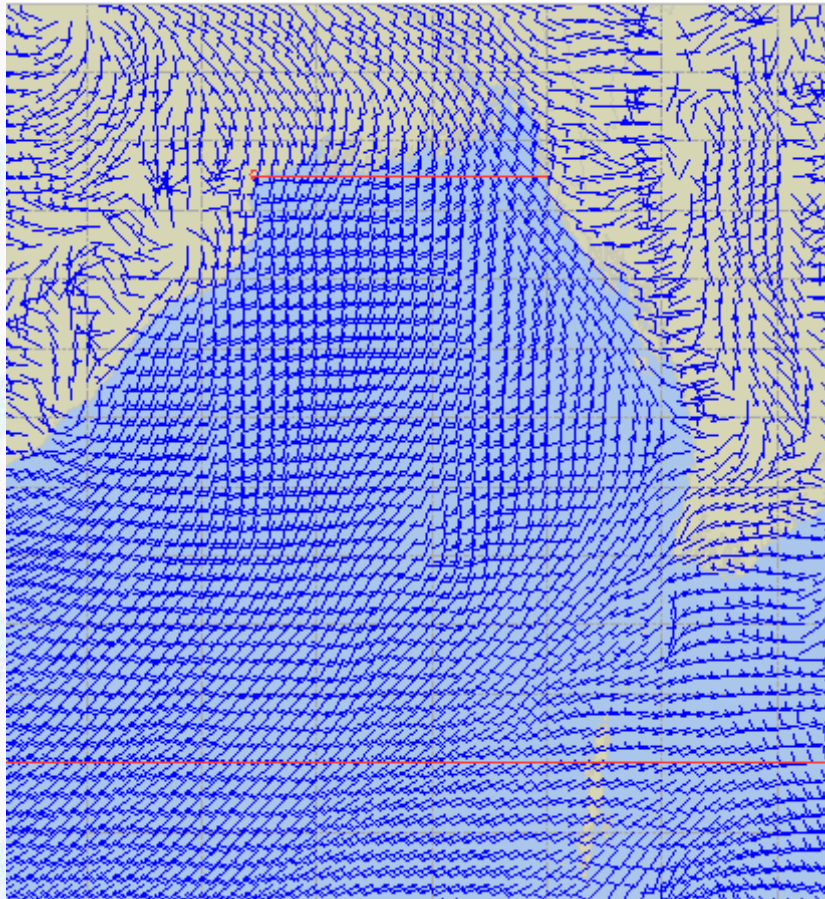
60 Knots



# Surface Wind Forecast – 04 & 05 Jun - 2021

04 Jun 21 Friday

05 Jun 21 Saturday



## Legend:



Calm  
Winds



5 Knots



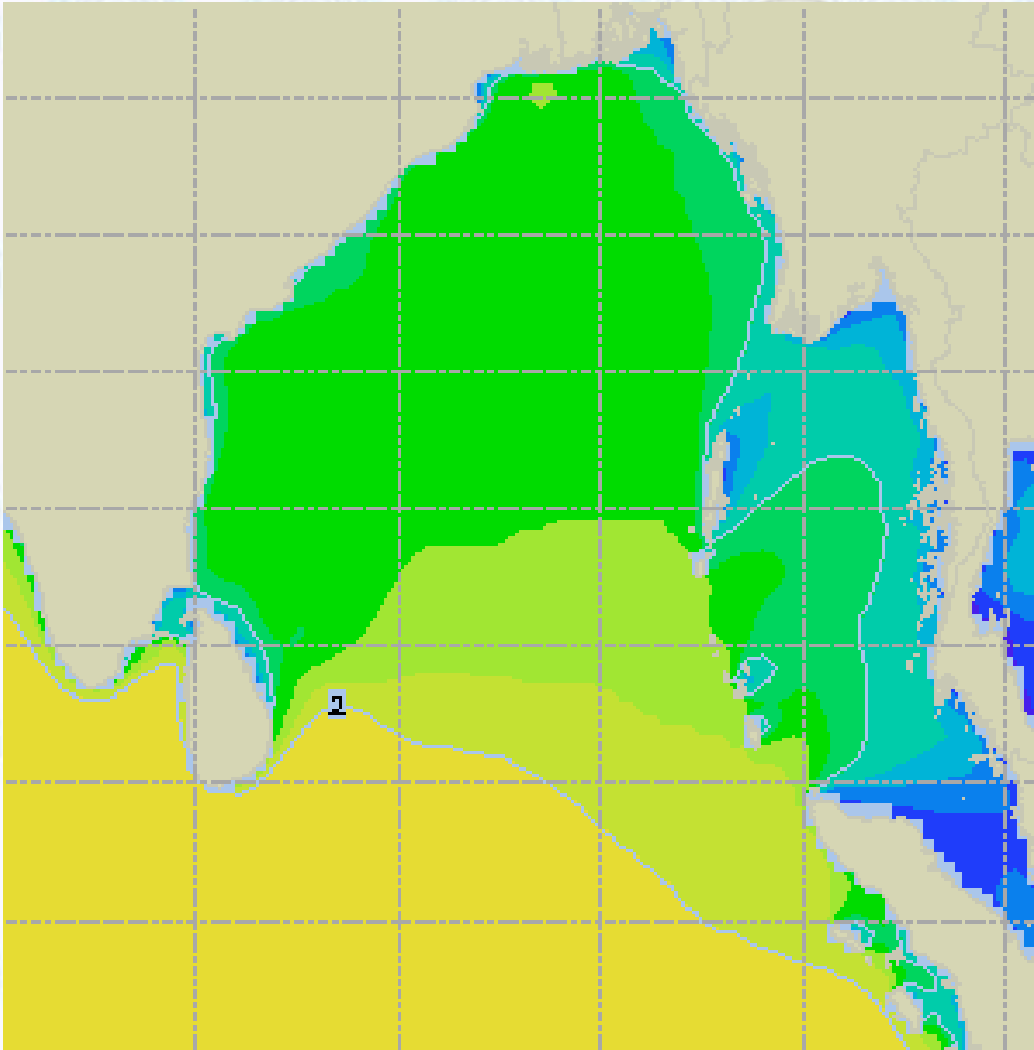
10 Knots



60 Knots



# Sea State Forecast – 03 Jun - 2021



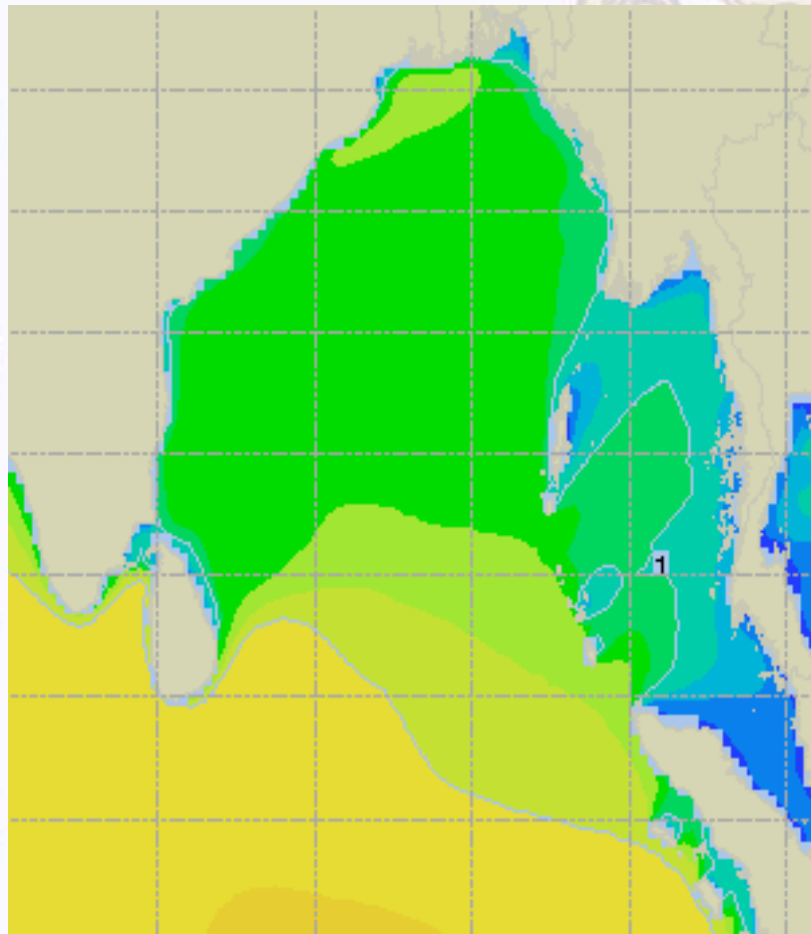
Sea State	Ht (m)
0	0
1	0 - 0.1
2	0.1 - 0.5
3	0.5 - 1.25
4	1.25 - 2.5
5	2.5 - 4.0
6	4 - 6
7	6 - 9
8	9 - 14
9	Over 14



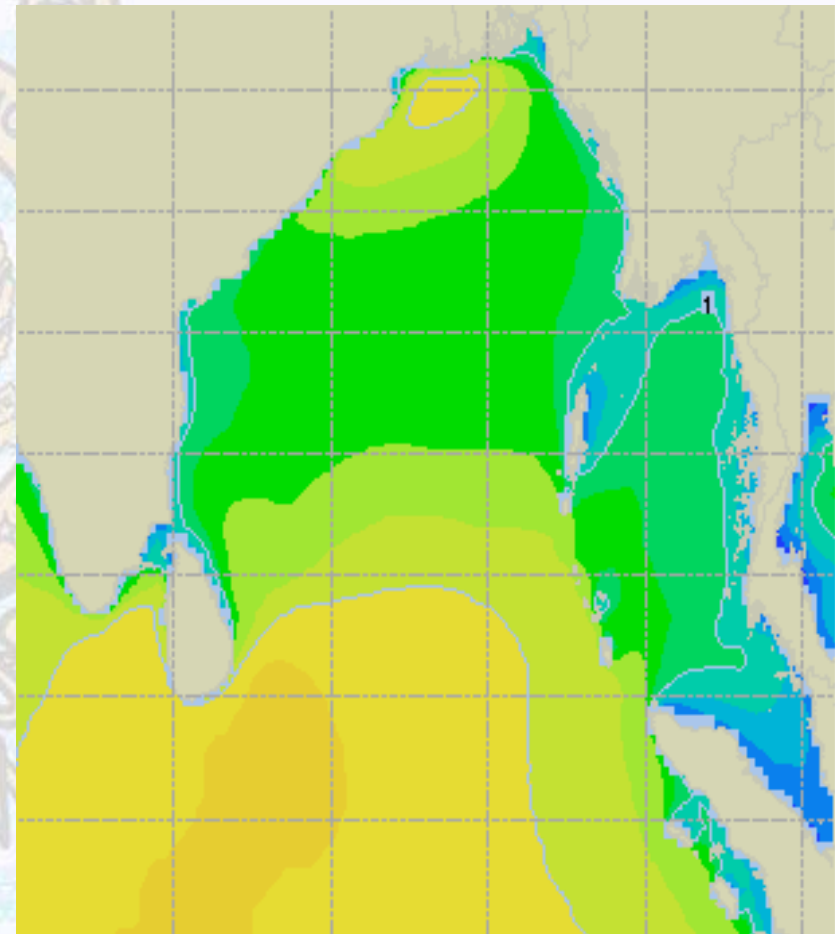


# Sea State Forecast – 04 & 05 Jun - 2021

04 Jun 21 Friday



05 Jun 21 Saturday

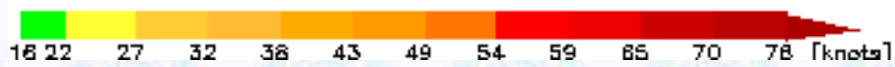
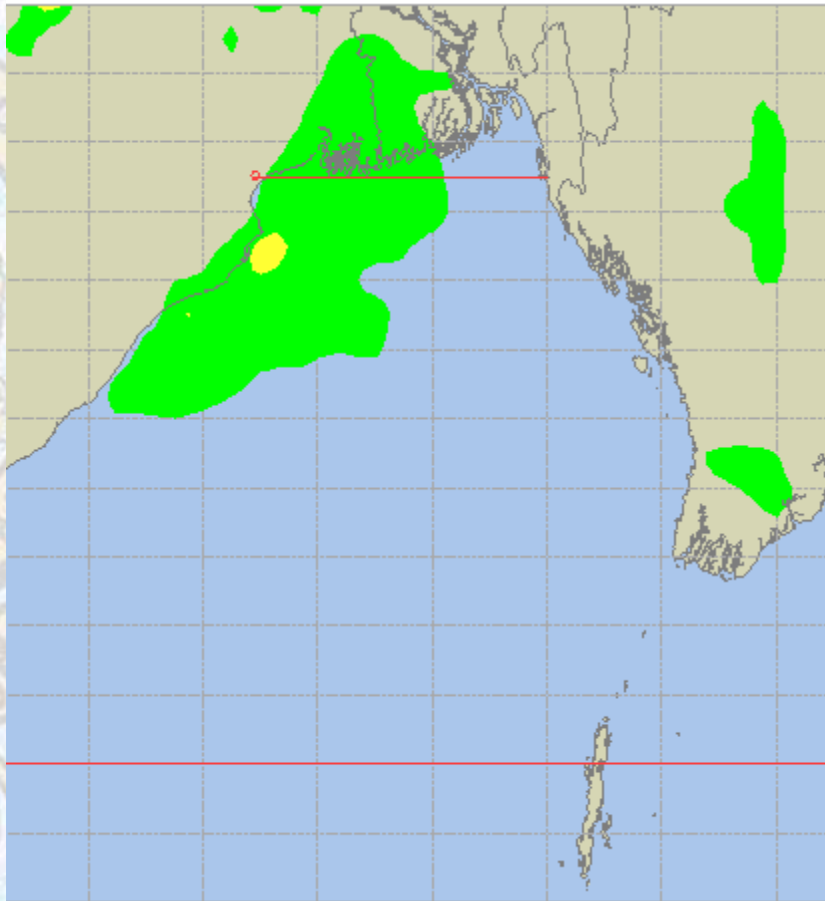
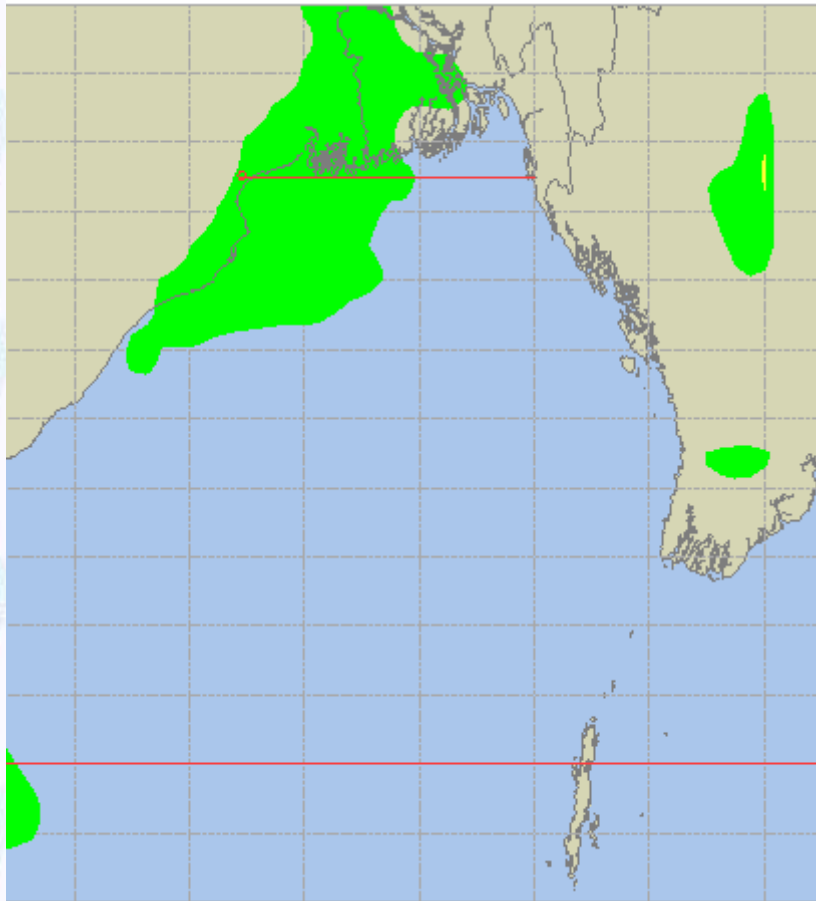




# Peak Gusting Possibilities– 03 & 04 Jun 2021

## 03 Jun 21 Thursday

## 04 Jun 21 Friday

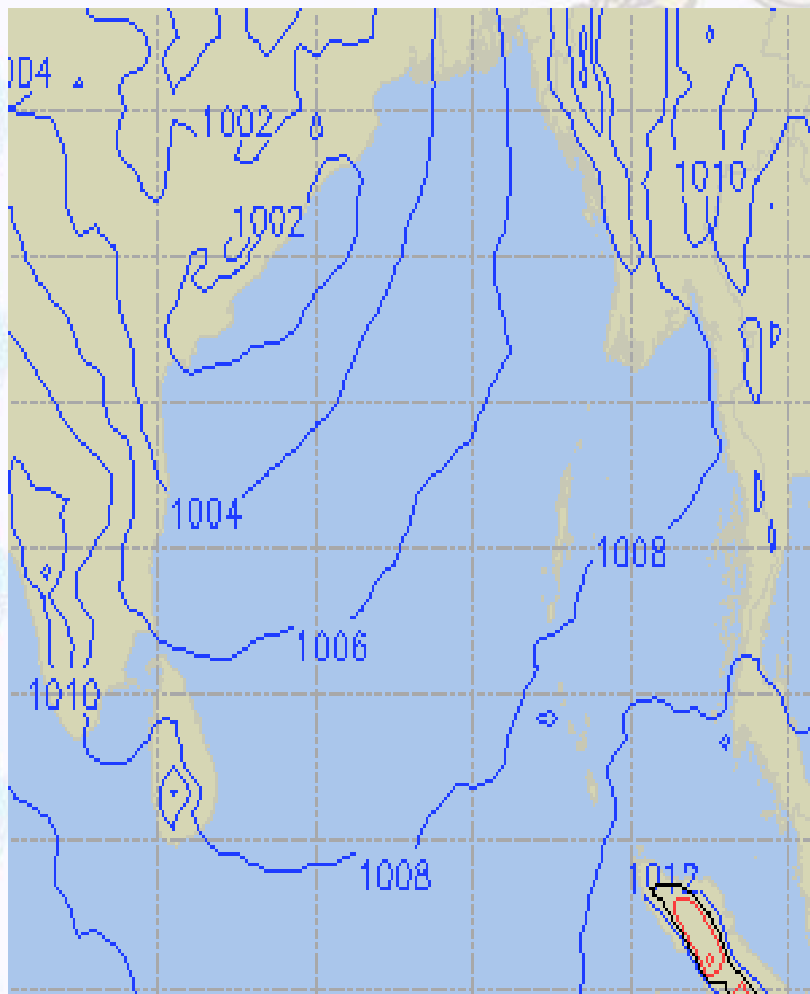




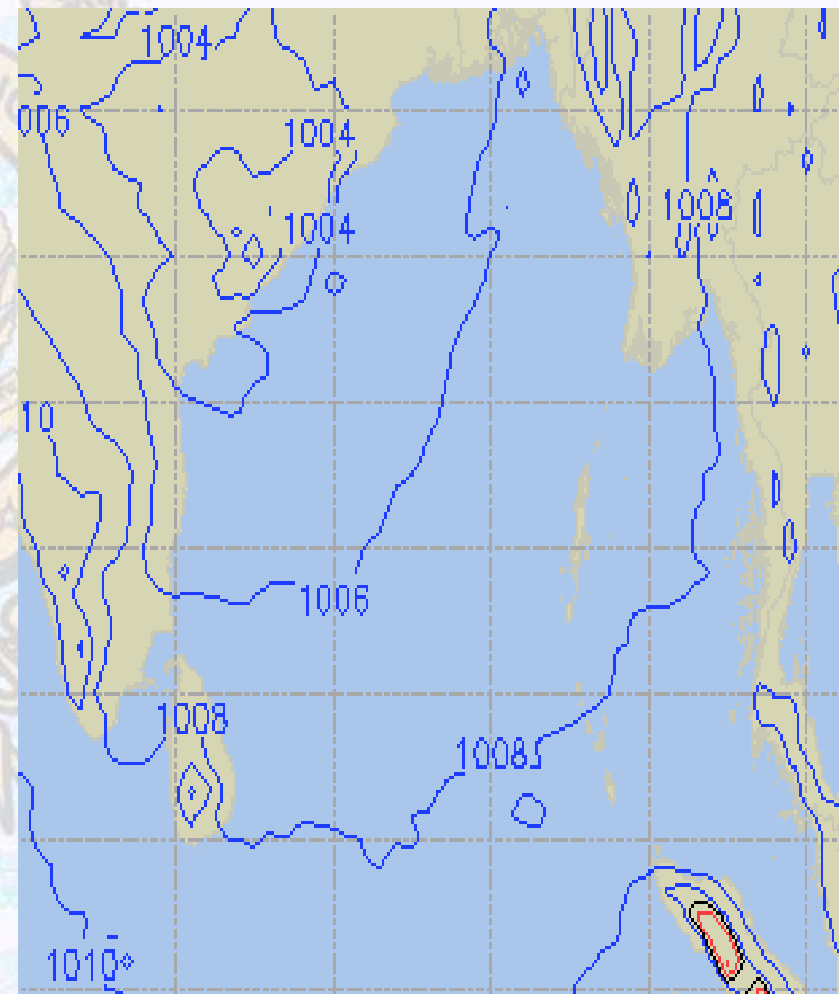


# Surface Pressure forecast – 03 & 04 Jun 2021

**03 Jun 21 Thursday**



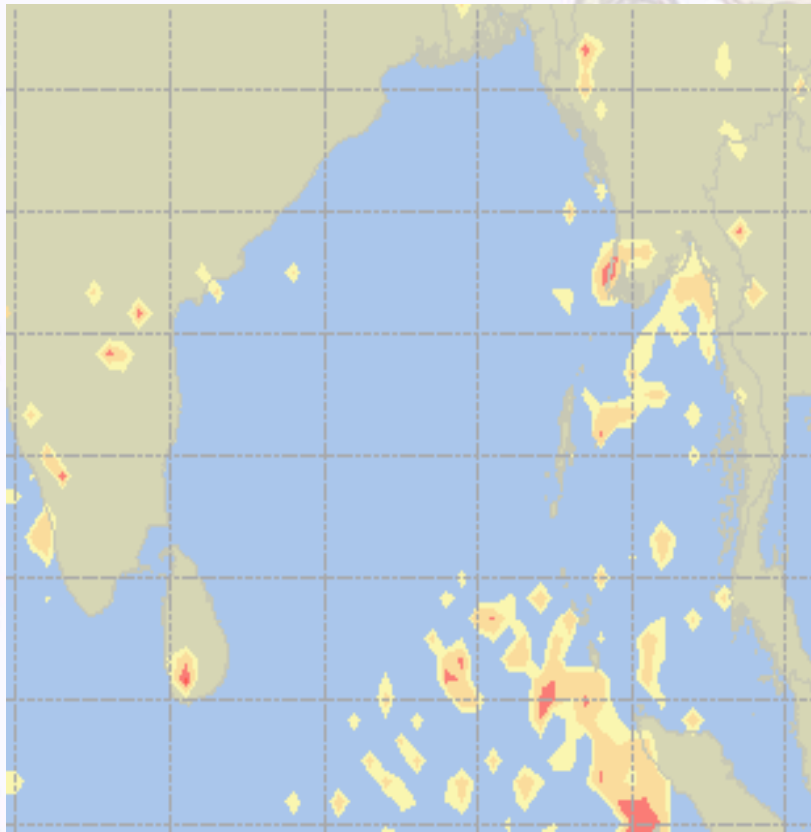
**04 Jun 21 Friday**



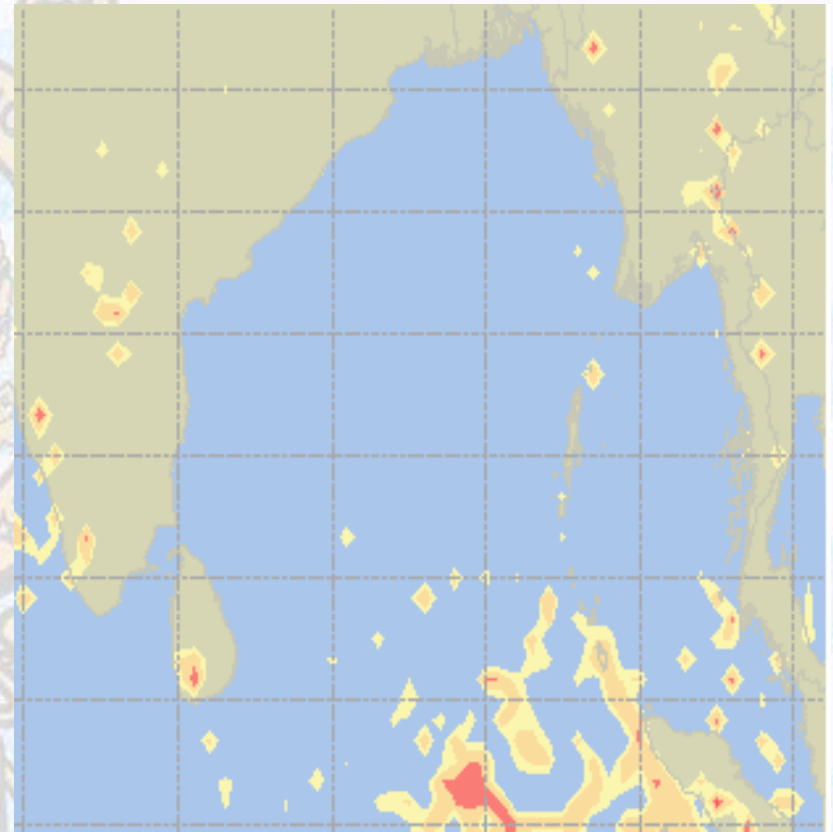


# Visibility at Sea Forecast – 03 & 04 Jun 2021

**03 Jun 21 Thursday**



**04 Jun 21 Friday**



**Visibility Scale:**

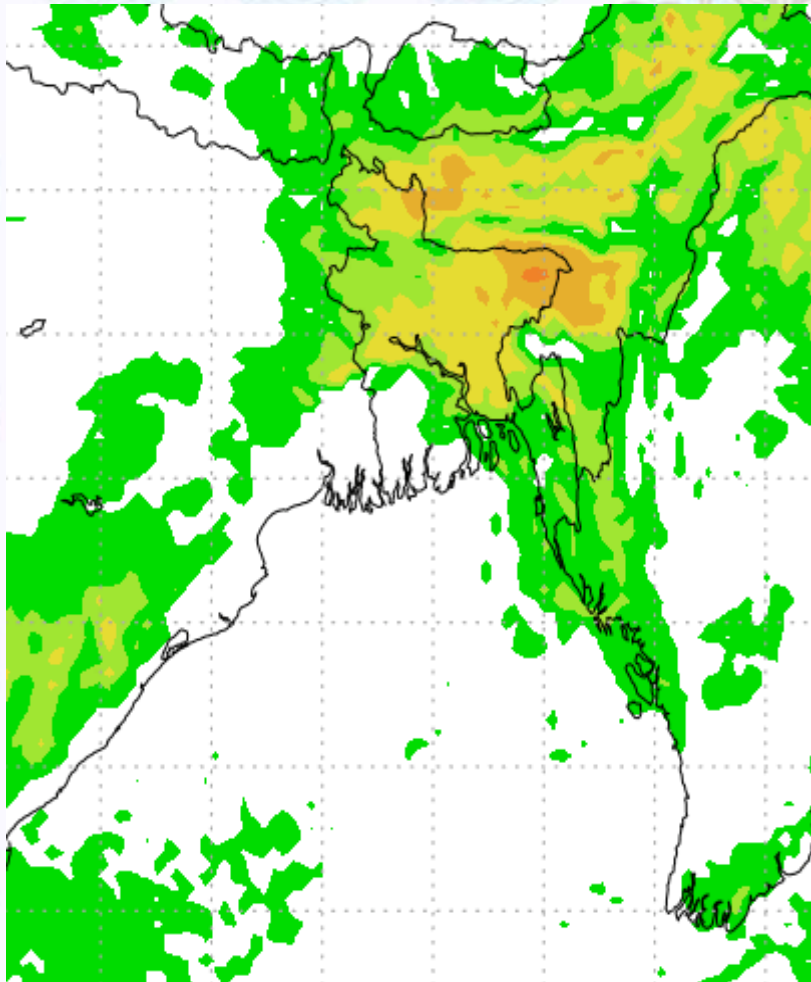


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

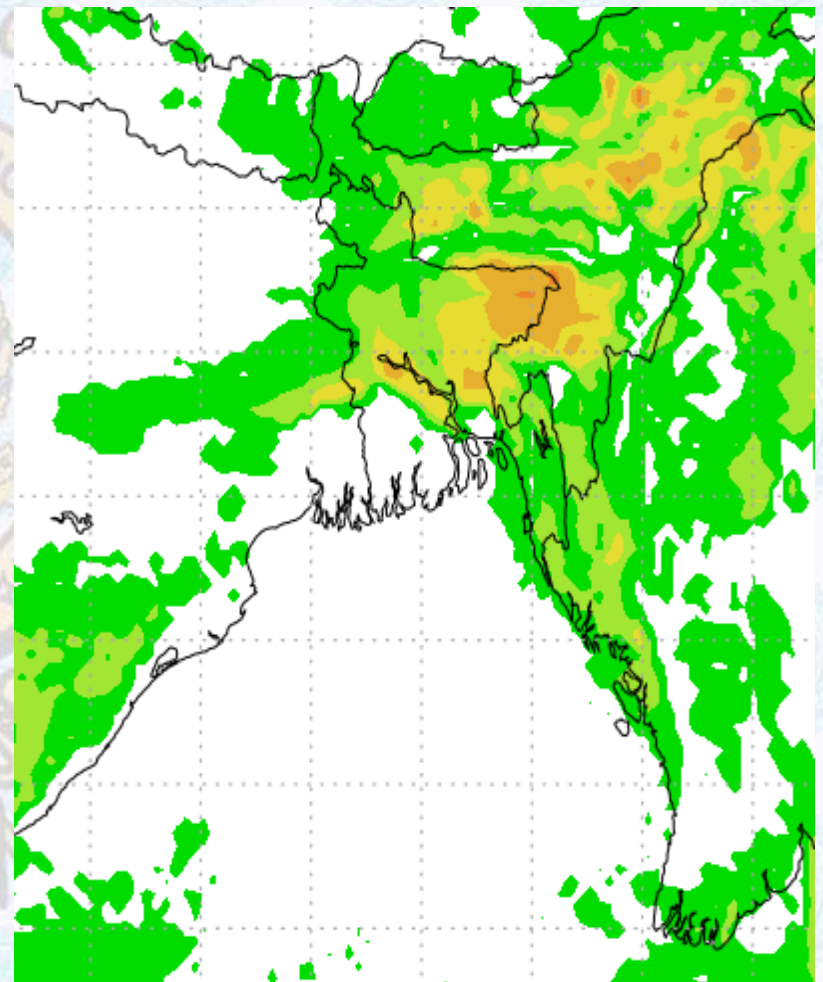


# Precipitation

Rain(mm) 03 & 04 Jun 2021



Rain(mm) 04 & 05 Jun 2021



Precipitation Scale (mm):





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

	Time	Height		Time	Height		Time	Height
<b>03 Jun 2021</b>	0133	1.24		0450	2.63		0454	2.55
	0745	4.19		1120	1.39		1059	1.54
	1401	1.57		1716	2.81		1705	2.68
	2005	4.26		-	-		2349	1.33
<b>04 Jun 2021</b>	Time	Height		Time	Height		Time	Height
	0240	1.26		0013	1.37		0615	2.66
	0858	4.28		0612	2.68		1219	1.55
	1516	1.50		1234	1.39		1820	2.63
	2115	4.23		1830	2.79		-	-
<b>05 Jun 2021</b>	Time	Height		Time	Height		Time	Height
	0341	1.24		0114	1.37		0050	1.29
	0958	4.44		0718	2.68		0720	2.73
	1619	1.34		1340	1.32		1329	1.48
	2214	4.28		1932	2.84		1925	2.64