



# **WEATHER FORECAST FOR BN**

***01 - 04 JUN 2021***





# WEATHER FORECAST – DHAKA

## 01.06.2021

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	9 km/h SSW	15 km/h S	12 km/h S	14 m/h S
Humidity	58%	61%	72%	76%
Chance of Precip	34%	11%	14%	22%
Cloud Cover	90%	89%	85%	80%
Conditions	Cloudy	Cloudy	Rain	Rain
Sunrise / Sunset	0510 / 1842			

### Conditions

Pressure : 1004 hpa

Visibility : 4.02 km

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



# WEATHER FORECAST – CHATTOGRAM

## 01.06.2021

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	15 km/h SSW	22 km/h SSW	14 km/h S	13 km/h S
Humidity	62%	68%	83%	86%
Chance of Precip.	2%	2%	15%	24%
Cloud Cover	62%	37%	74%	26%
Conditions	Partly Cloudy	Partly 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

## 01.06.2021

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	13 km/h SSW	14 km/h SSW	13 km/h S	14 m/h S
Humidity	64%	68%	80%	84%
Chance of Precip.	16%	17%	15%	15%
Cloud Cover	76%	68%	83%	63%
Conditions	Rain	Cloudy	Rain	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	02 Jun 2021	03 Jun 2021	04 Jun 2021
<b>Temperature (C)</b>	33°C / 27°C	33°C / 27°C	34°C / 28°C
<b>Summary</b>	Rain	Rain	Rain
<b>Sun Rise/Set</b>	5h10m36s/18h42m24s	5h10m36s/18h42m54s	5h10m36s/18h43m24s
<b>Day Length</b>	13h31m48s	13h32m18s	13h33m18s
<b>Moon Rise/ Set</b>	12:18 AM / 11:51AM	12:54AM / 12:44PM	1:28AM / 1:36PM
<b>Moon Phase/ illu</b>	Last Quarter, 48%	Waning Crescent, 37%	Waning Crescent, 28%
<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, 19:08	04:50, 19:09
<b>Humidity</b>	D : 78% N : 85%	D : 78% N : 85%	D : 75% N : 82%
<b>Barometer (mb)</b>	1005	1006	1006
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	65%	63%	54%
<b>Wind (km/hr)</b>	14 Km/h, SSW	14 Km/h, SSW	15 Km/h, SSW

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



# GENERAL WEATHER FORECAST – CHATTOGRAM

Description	02 Jun 2021	03 Jun 2021	04 Jun 2021
<b>Temperature (C)</b>	31°C/ 27°C	31°C/ 27°C	31°C/ 27°C
<b>Summary</b>	Rain	Rain	Rain
<b>Sun Rise/Set</b>	5h08m00s/ 18h33m30s	5h08m00s/ 18h34m00s	5h08m00s/ 18h35m30s
<b>Day Length</b>	13h25m30s	13h26m00s	13h27m00s
<b>Moon Rise/ Set</b>	12:11 AM / 11:47AM	12:54AM / 12:44PM	1:20AM / 1:46PM
<b>Moon Phase/ illu</b>	Last Quarter, 48%	Waning Crescent, 37%	Waning Crescent, 28%
<b>Nautical Twilight</b>	04:20, 19:28	04:20, 19:29	04:21, 19:29
<b>Civil Twilight</b>	04:45, 18:54	04:45, 18:55	04:45, 18:56
<b>Humidity</b>	D : 81%    N : 90%	D : 81%    N : 90%	D : 81%    N : 90%
<b>Barometer (mb)</b>	1005	1004	1006
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	51%	67%	66%
<b>Wind (km/hr)</b>	16 Km/h, SSW	13 Km/h, SSW	14 Km/h, SW

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



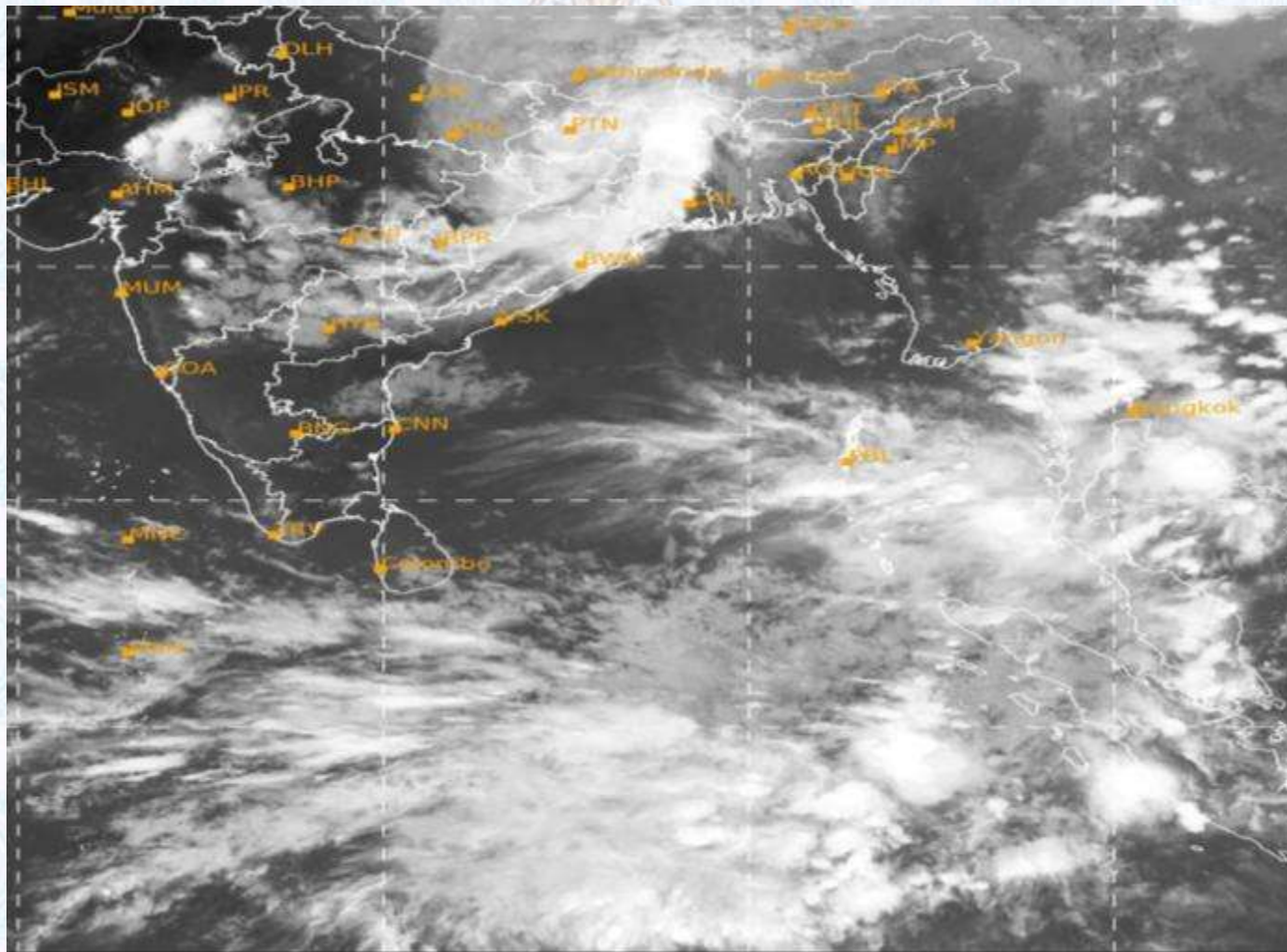
# GENERAL WEATHER FORECAST – KHULNA

Description	02 Jun 2021	03 Jun 2021	04 Jun 2021
<b>Temperature(C)</b>	33°C / 28°C	33°C / 28°C	34°C / 29°C
<b>Summary</b>	Rain	Rain	Sunny
<b>Sun Rise/Set</b>	5h16m00s/ 18h43m42s	5h16m00s/ 18h44m12s	5h16m00s/ 18h44m42s
<b>Day Length</b>	13h 27m 42s	13h 28m 12s	13h 28m 42s
<b>Moon Rise/Set</b>	12:21 AM / 11:55AM	12:54AM / 12:44PM	1:18AM / 1:39PM
<b>Moon Phase/illu</b>	Last Quarter, 48%	Waning Crescent, 37%	Waning Crescent, 28%
<b>Nautical Twilight</b>	04:28, 19:33	04:28, 19:33	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>	1003	1005	1005
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	56%	43%	24%
<b>Wind (km/hr)</b>	17 Km/h, SSW	18 Km/h, SSW	18 Km/h, SSW

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



# SATELLITE VIEW OF BAY OF BENGAL



**01/06/2021, 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 01.06.2021)

<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-WESTERLY 08-12 KTS. TEMPORARY GUSTING TO 25KTS.
	Visibility	03-05KMS REDUCING TO 1500 M OR LESS IN RAIN/SHOWERS.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 01,0000 UTC. CHATTOGRAM =1005 HPA



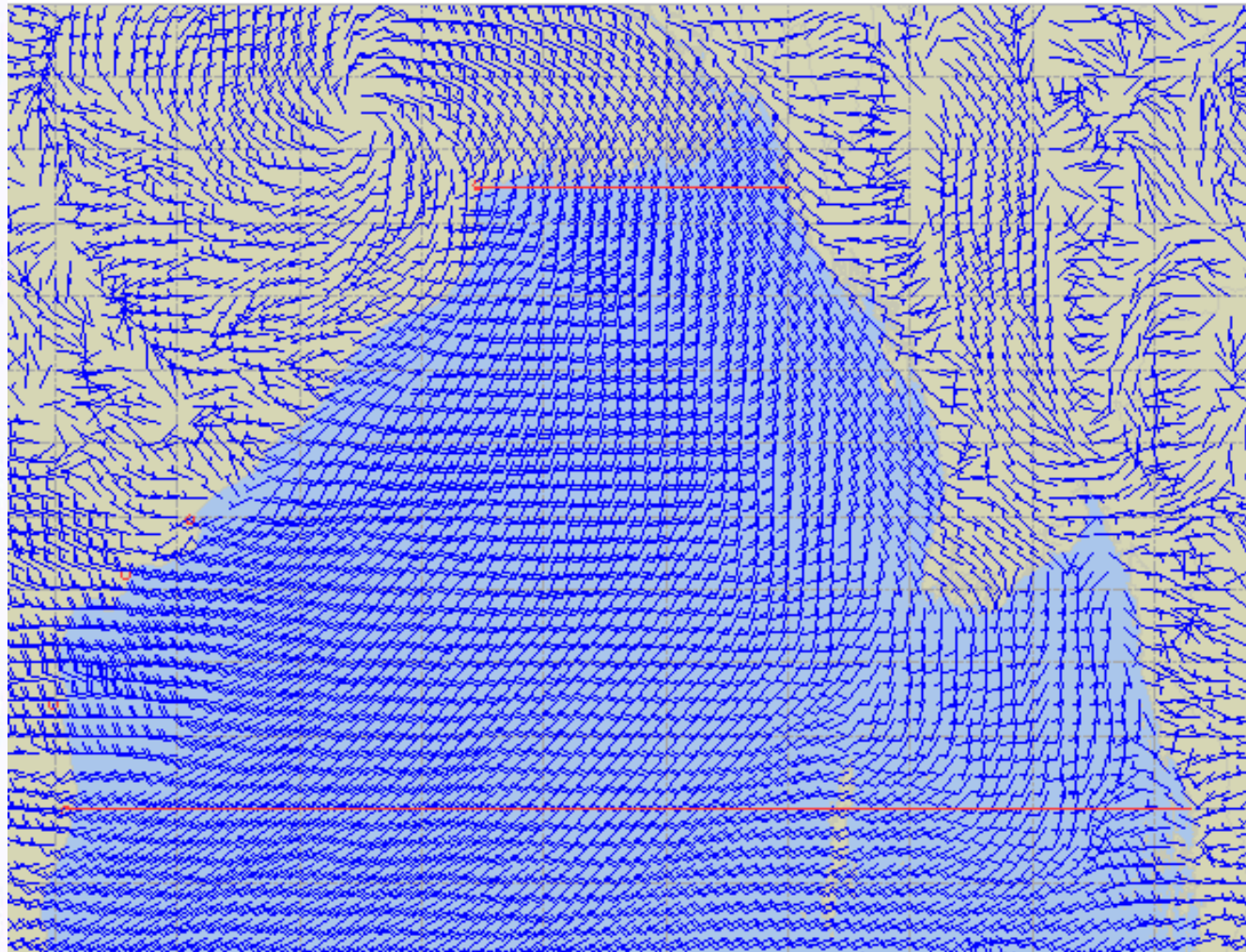
## **Inland River Port Warning** **(VALID TILL 06 PM OF 01.06.2020)**

IN ASSOCIATION WITH RAIN/THUNDER SHOWERS ACCOMPANIED BY TEMPORARY WEST/NORTH-WESTERLY GUSTY/SQUALLY WIND SPEED 45-60 KPH IS LIKELY TO OCCUR OVER THE REGIONS OF RAJSHAHI, RANGPUR, BOGURA, TANGAIL, MYMENSINGH, PABNA, DHAKA, FARIDPUR, MADARIPUR, JASHORE, KUSHTIA, KHULNA, BARISHAL, PATUAKHALI, NOAKHALI, CUMILLA, 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- 02 Jun - 2021



## Legend:



Calm  
Winds



5 Knots



10 Knots



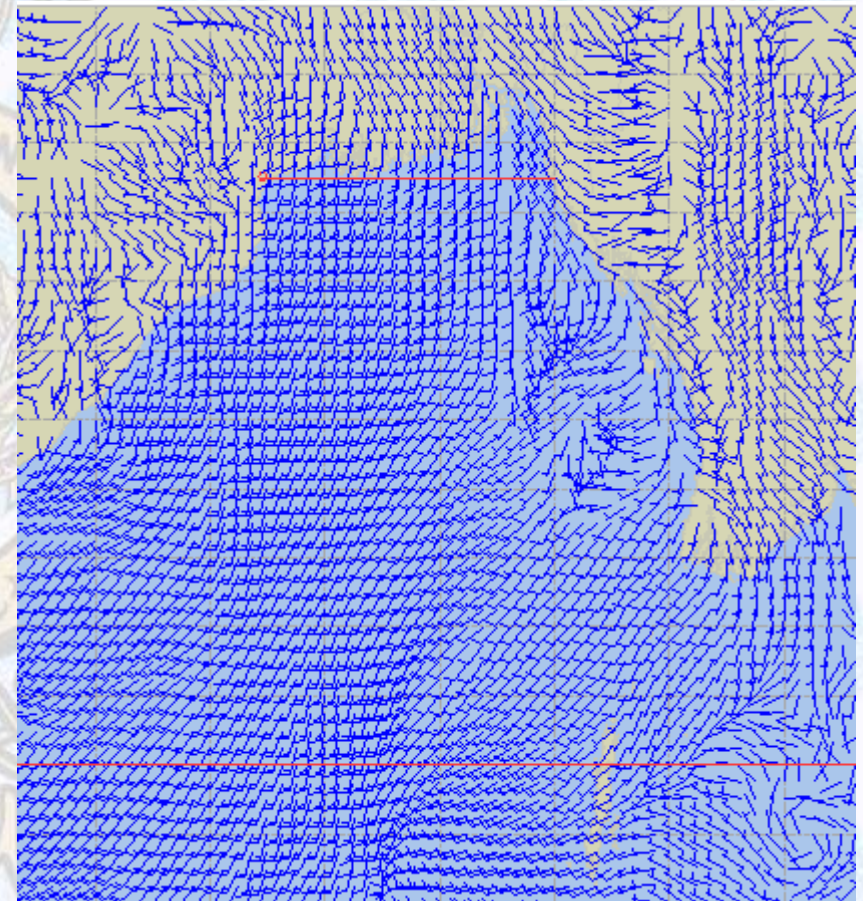
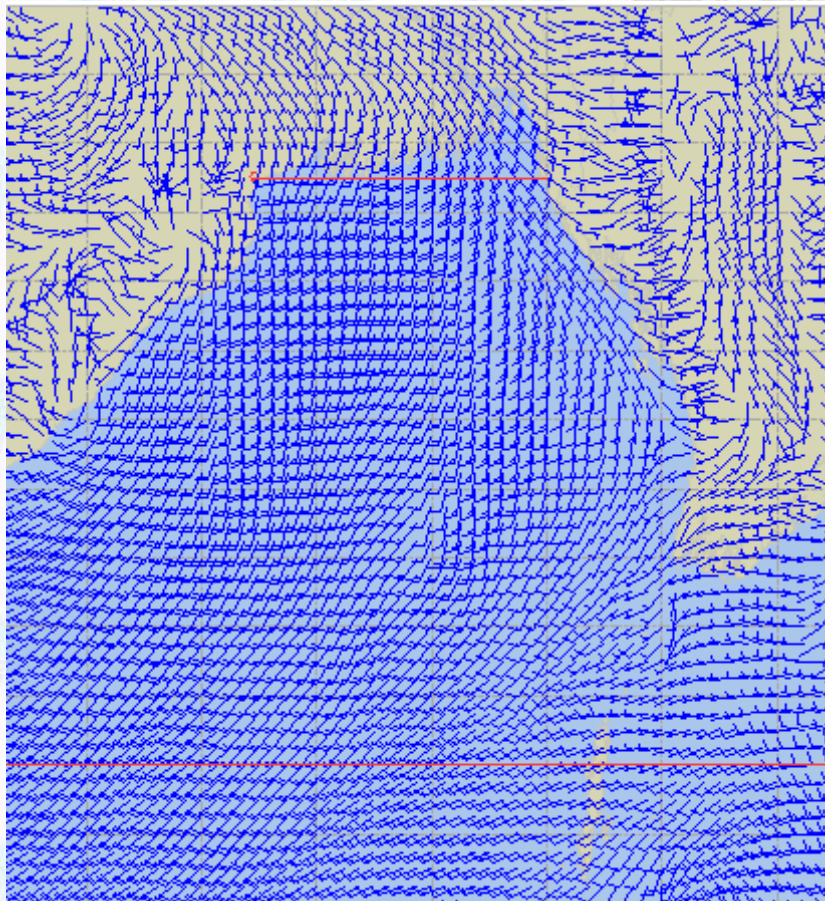
60 Knots



# Surface Wind Forecast – 03 & 04 Jun - 2021

03 Jun 21 Thursday

04 Jun 21 Friday



## Legend:



Calm  
Winds



5 Knots



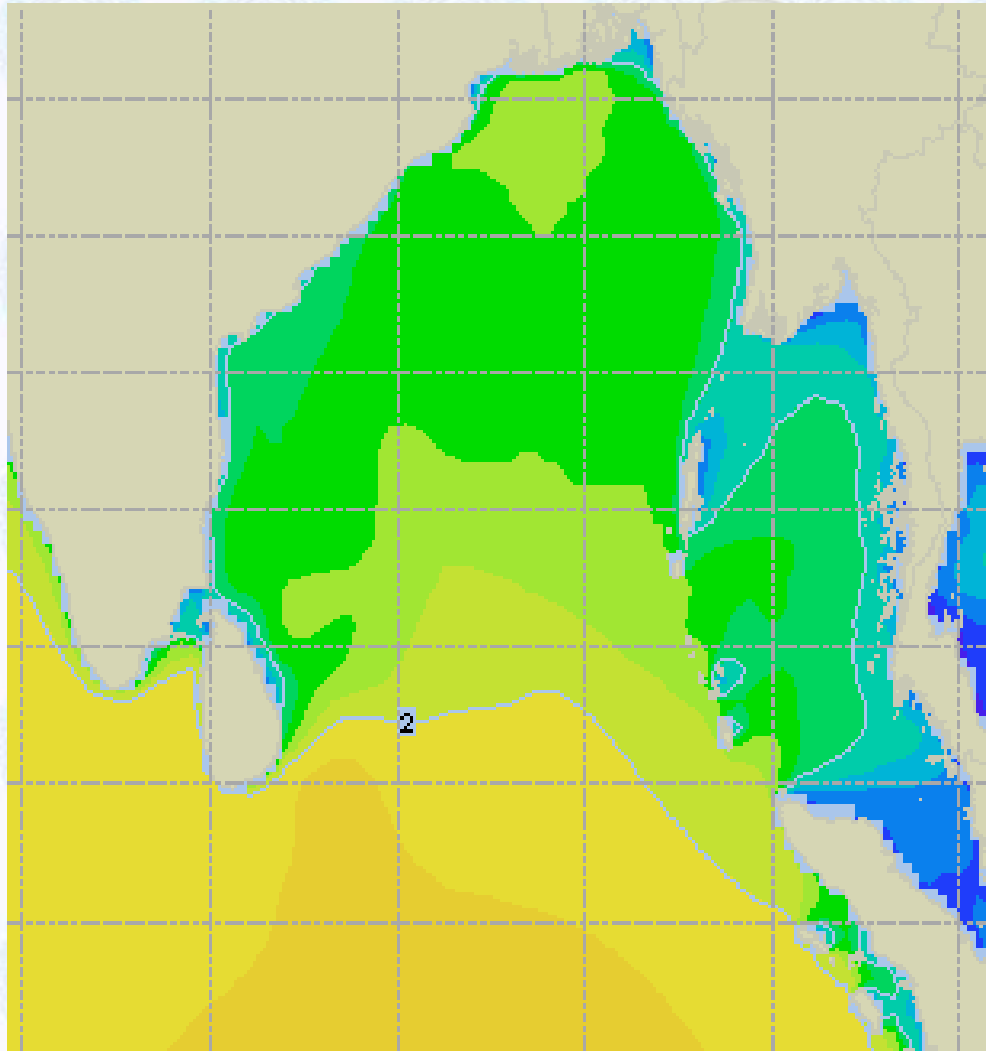
10 Knots



60 Knots



# Sea State Forecast – 02 Jun - 2021



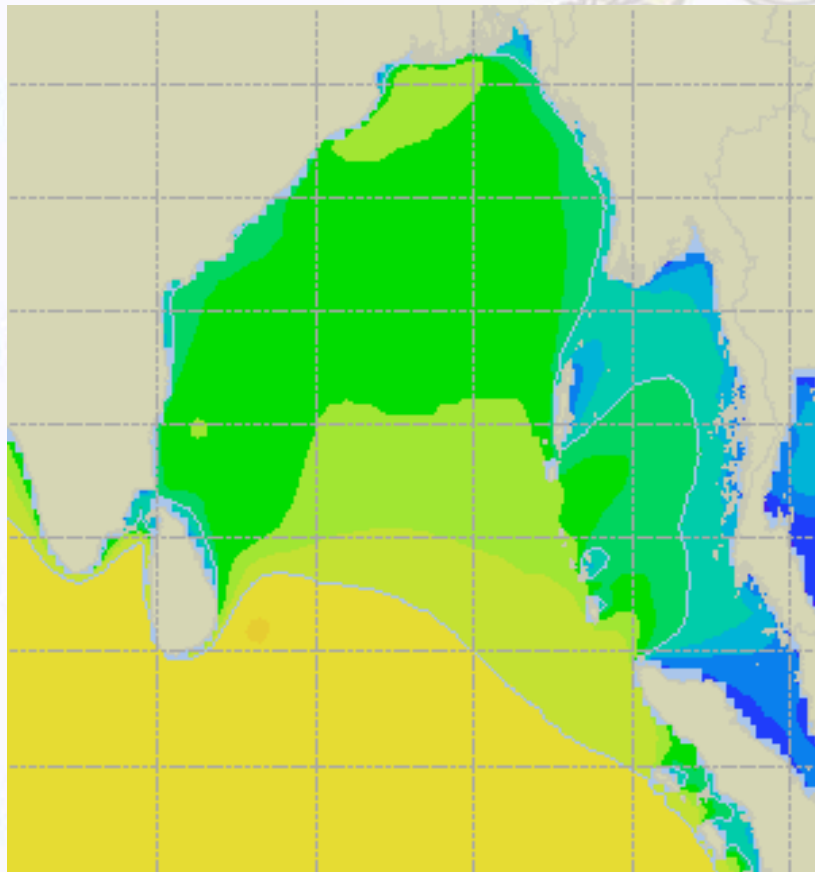
Sea State	Ht (m)
0	0
1	0 - 0.1
2	0.1 - 0.5
3	0.5 - 1.25
4	1.25 - 2.5
5	2.5 - 4.0
6	4 - 6
7	6 - 9
8	9 - 14
9	Over 14



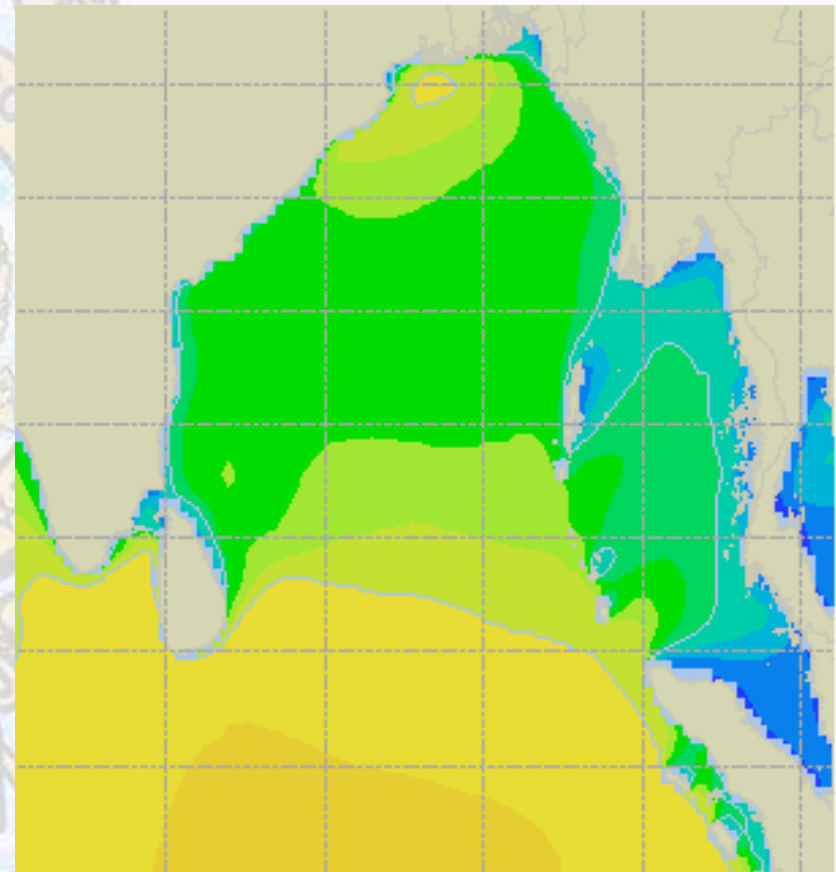


# Sea State Forecast – 03 & 04 Jun - 2021

03 Jun 21 Thursday



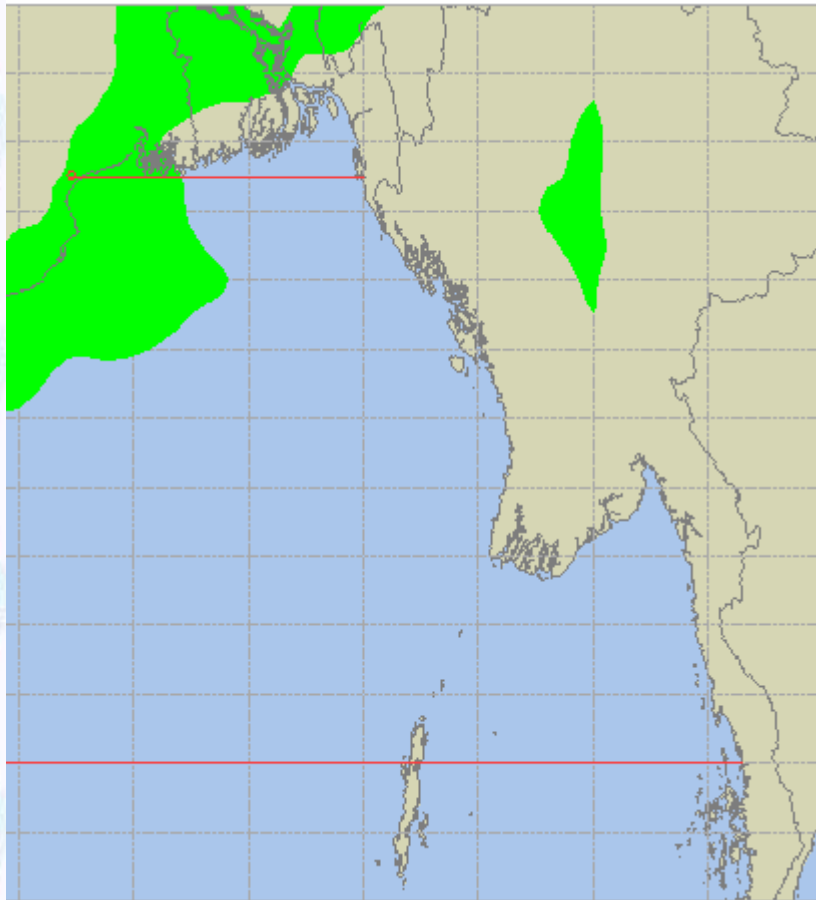
04 Jun 21 Friday



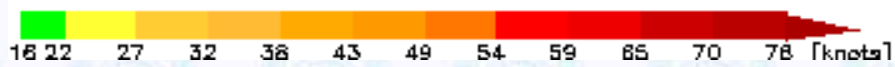
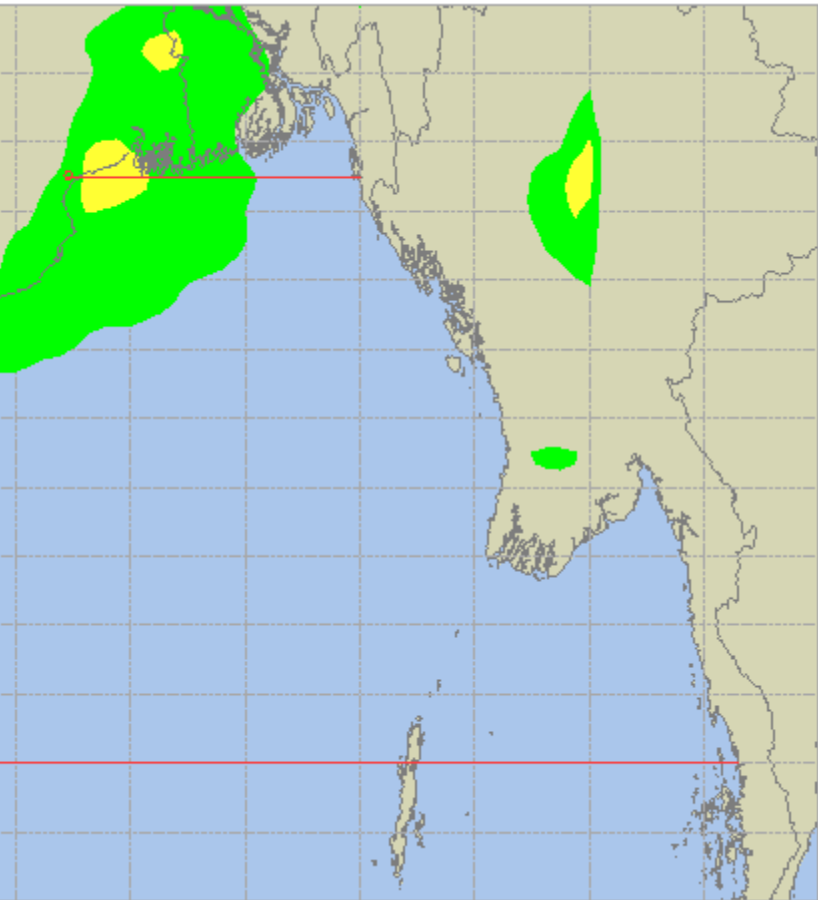


# Peak Gusting Possibilities– 02 & 03 Jun 2021

## 02 Jun 21 Wednesday



## 03 Jun 21 Thursday

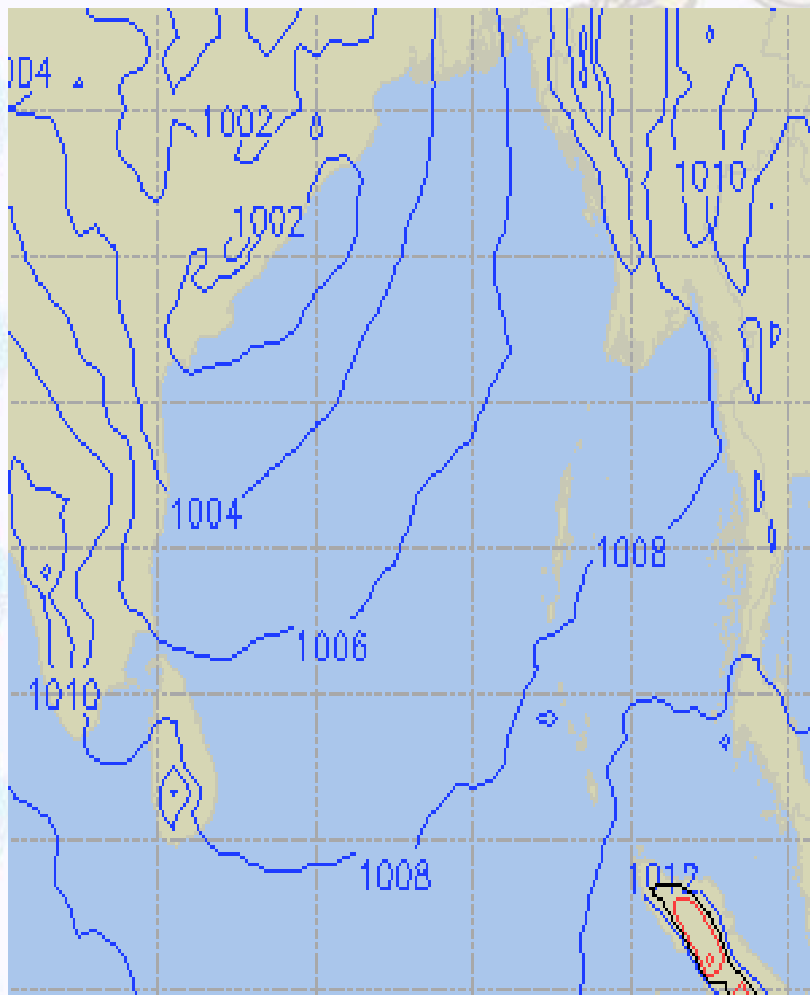




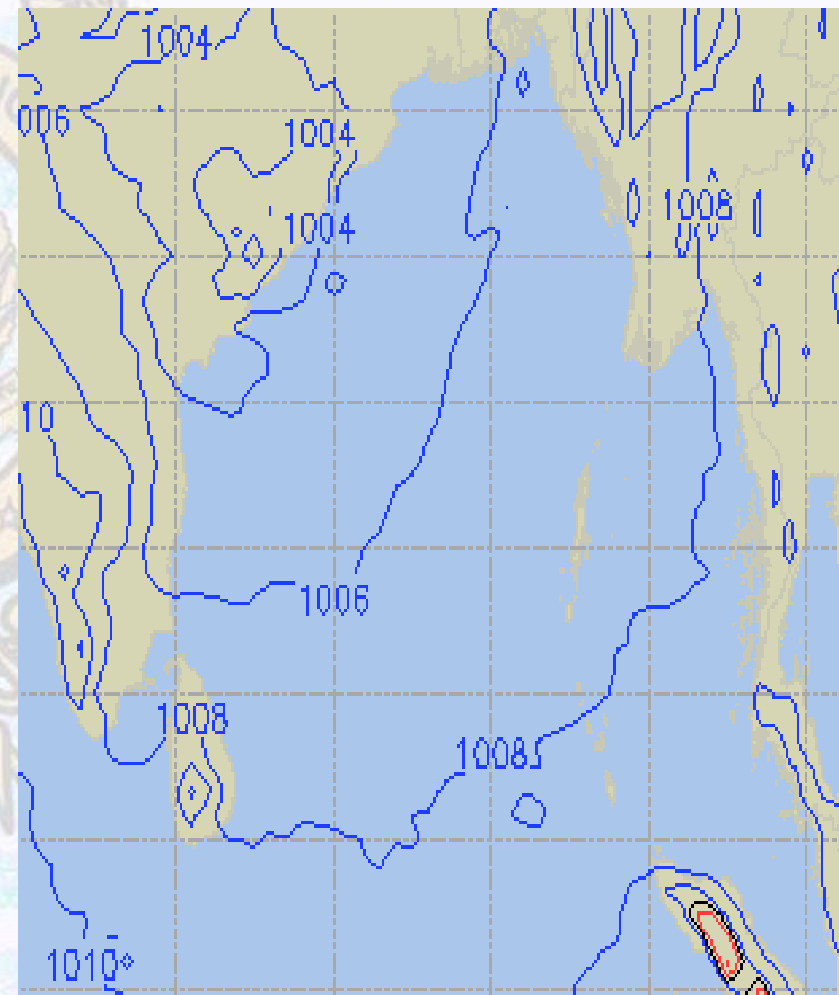


# Surface Pressure forecast – 02 & 03 Jun 2021

**02 Jun 21 Wednesday**



**03 Jun 21 Thursday**

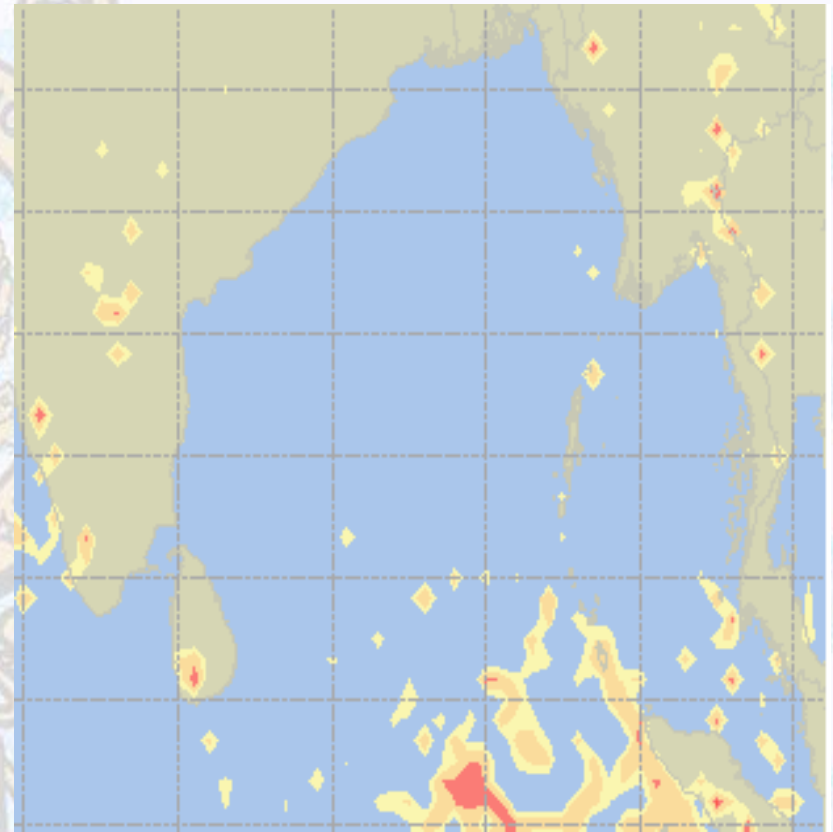
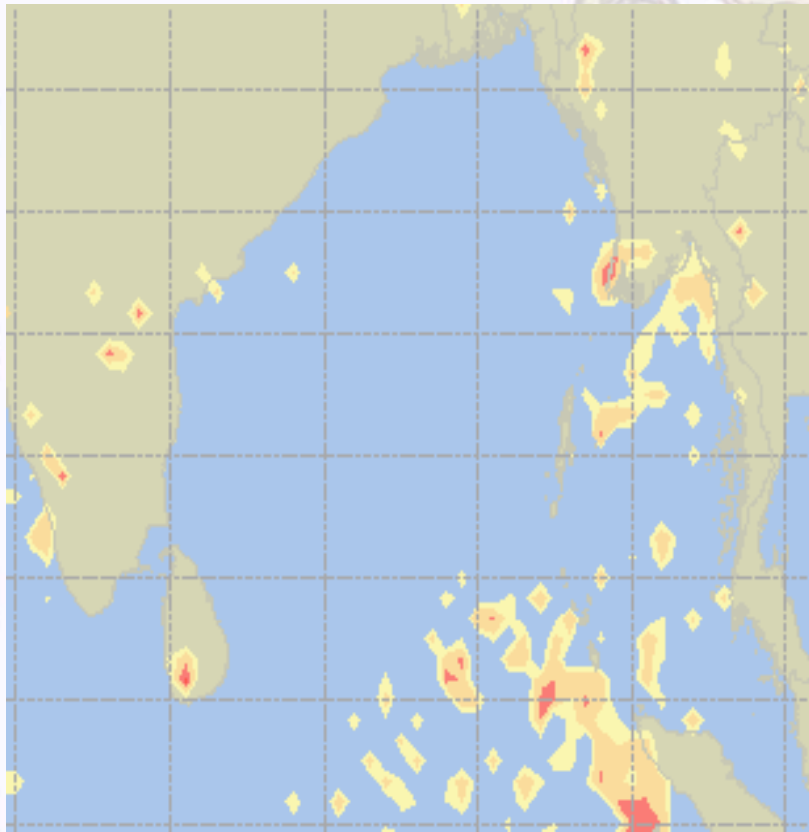




# Visibility at Sea Forecast – 02 & 03 Jun 2021

**02 Jun 21 Wednesday**

**03 Jun 21 Thursday**



**Visibility Scale:**

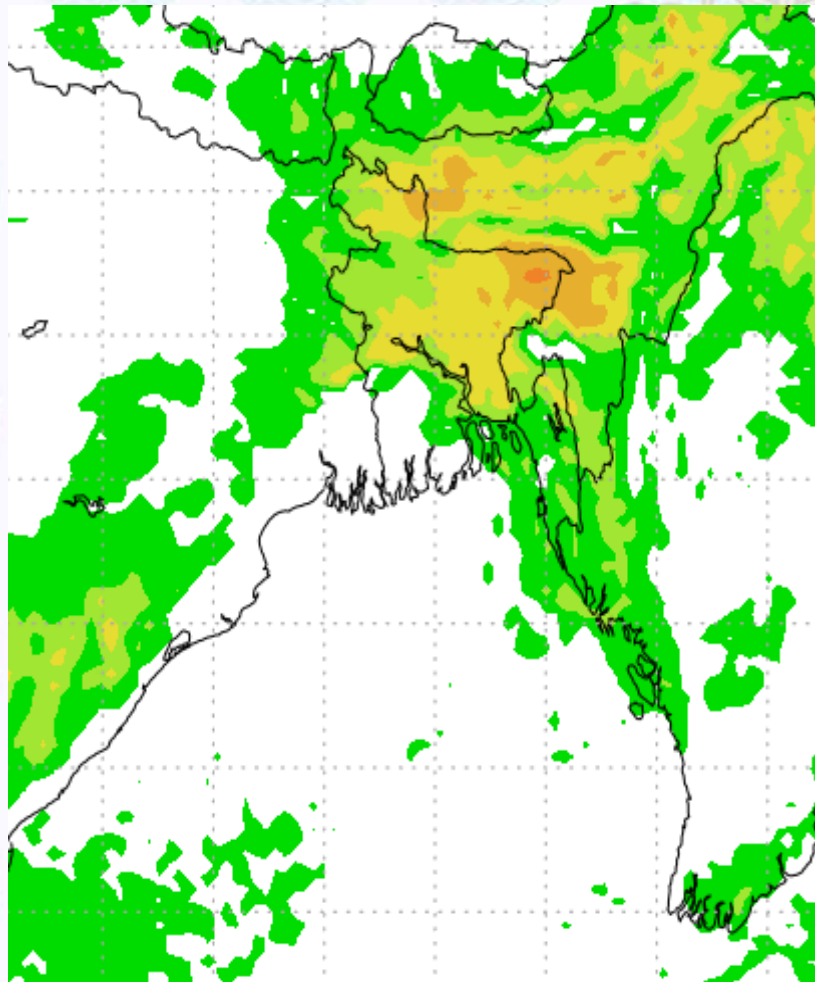


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

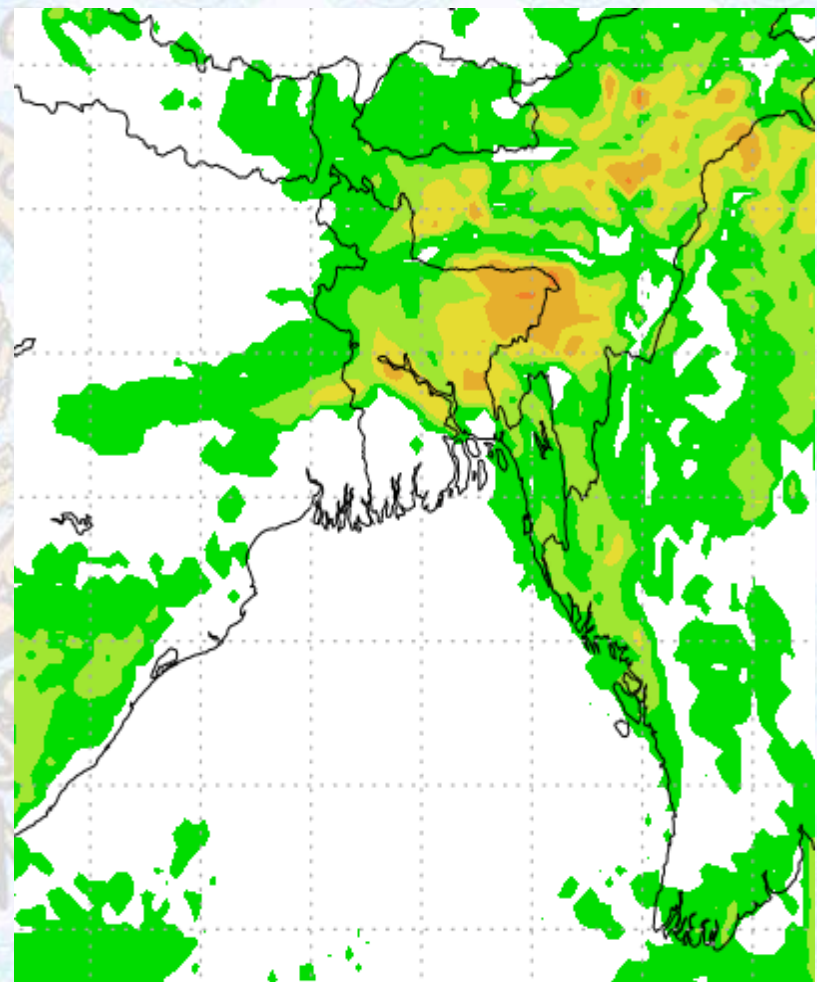


# Precipitation

**Rain(mm) 02 & 03 Jun 2021**



**Rain(mm) 03 & 04 Jun 2021**



**Precipitation Scale (mm):**





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

	Time	Height		Time	Height		Time	Height
		0025		1.15			0337	2.70
02 Jun 2021	0627	4.22		1006	1.31		0942	1.45
	1243	1.49		1603	2.94		1554	2.78
	1850	4.39		2258	1.35		2242	1.32
03 Jun 2021	Time	Height		Time	Height		Time	Height
	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
04 Jun 2021	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		-	-