



# **WEATHER FORECAST FOR BN**

**22 - 25 APR 2020**



# WEATHER FORECAST – DHAKA

## 22.04.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	29 / 23	27 / 23	25 / 23	24 / 22
Wind	11 km/h SSE	10 km/h S	5 km/h S	4 km/h ESE
Humidity	70%	74%	84%	90%
Chance of Precip	8%	59%	57%	46%
Cloud Cover	50%	50%	50%	50%
Conditions	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sunrise Sunset	5: 32 AM 6: 23 PM			

### Conditions

Pressure : 1009 hpa

Visibility : 11.27 km

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





# WEATHER FORECAST – CHATTOGRAM

## 22.04.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	29 / 23	30 / 24	27 / 25	26 / 25
Wind	4 km/h WSW	9 km/h SW	km/h WSW	3 km/h WNW
Humidity	67%	72%	86%	92%
Chance of Precip.	1%	1%	10%	24%
Cloud Cover	79%	57%	69%	66%
Conditions	Sunny/Partly Cloudy	Sunny/Partly Cloudy	Sunny/Partly Cloudy	Sunny/Partly Cloudy
Sunrise Sunset	5: 28 AM 6: 16 PM			

### Conditions

Pressure : 1009 hpa

Visibility : 9.66 Km

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



# WEATHER FORECAST – KHULNA

## 22.04.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	28 / 25	27 / 25	25 / 24	25 / 24
Wind	16 km/h SSW	14 km/h S	8 km/h S	4 km/h SSE
Humidity	84%	89%	94%	94%
Chance of Precip.	45%	42%	48%	36%
Cloud Cover	57%	66%	60%	38%
Conditions	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sunrise Sunset	5: 37 AM 6: 26 PM			

### Conditions

Pressure : 1008 hpa

Visibility : 16.09 Km

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





# GENERAL WEATHER FORECAST – DHAKA

Description	23 Apr 2020	24 Apr 2020	25 Apr 2020
<b>Temperature (C)</b>	31 °C/ 23 °C	27 °C/ 23 °C	28 °C/ 24 °C
<b>Summary</b>	Partly Cloudy/Sunny	Partly Cloudy/Sunny	Partly Cloudy/Sunny
<b>Sun Rise/Set</b>	5h29m54s/18h24m36s	5h28m54s/18h25m36s	5h28m42s/18h24m42s
<b>Day Length</b>	12h53m42s	12h54m42s	12h56m00s
<b>Moon Rise/ Set</b>	5:45AM 6:38PM	6:18AM 7:31PM	6:55AM 8:24PM
<b>Moon Phase/ illu</b>	New Moon, 0%	Waxing Crescent, 2%	Waxing Crescent, 6%
<b>NauticalTwilight</b>	0440,1912	0439,1912	0437,1915
<b>Civil Twilight</b>	0507,1846	0506,1845	0505,1847
<b>Humidity</b>	D : 79% N : 93%	D : 91% N : 94%	D : 88% N : 93%
<b>Barometer (mb)</b>	1009	1008	1007
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	80%	90%	90%
<b>Wind (mph)</b>	12 Km/h SSE	13 Km/h SE	14 Km/h SE

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



# GENERAL WEATHER FORECAST– CHATTOGRAM

Description	23 Apr 2020	24 Apr 2020	25 Apr 2020
<b>Temperature (C)</b>	30°C/ 23°C	28°C/ 23°C	27°C/ 22°C
<b>Summary</b>	Partly Cloudy/Sunny	Partly Cloudy/Sunny	Partly Cloudy/Sunny
<b>Sun Rise/Set</b>	5h26m00s/18h17m12s	5h25m00s/18h18m12s	5h24m48s/18h17m12s
<b>Day Length</b>	12h50m12s	12h51m12s	12h52m24s
<b>Moon Rise/ Set</b>	5:45AM 6:38PM	6:18AM 7:31PM	6:51AM 8:15PM
<b>Moon Phase/ illu</b>	New Moon, 0%	Waxing Crescent, 2%	Waxing Crescent, 6%
<b>NauticalTwilight</b>	0436, 1904	0435, 1906	0434, 1907
<b>Civil Twilight</b>	0503, 1837	0503, 1837	0501, 1840
<b>Humidity</b>	D : 81% N : 95%	D : 91% N : 95%	D : 96% N : 95%
<b>Barometer (mb)</b>	1010	1009	1008
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	20%	80%	80%
<b>Wind (mph)</b>	13 Km/h SSW	14 Km/h S	14 Km/h SSE

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





# GENERAL WEATHER FORECAST – KHULNA

Description	23 Apr 2020	24 Apr 2020	25 Apr 2020
<b>Temperature(C)</b>	31°C/ 24°C	27°C/ 23°C	29°C/ 23°C
<b>Summary</b>	Partly cloudy /Sunny	Partly cloudy /Sunny	Partly cloudy /Sunny
<b>Sun Rise/Set</b>	5h36m30s/18h26m54s	5h35m30s/18h27m54s	5h33m18s/18h26m54s
<b>Day Length</b>	12h51m24s	12h52m24s	12h53m36s
<b>Moon Rise/Set</b>	5:45AM 6:38PM	6:18AM 7:31PM	7:01AM 8:26PM
<b>Moon Phase/illu</b>	New Moon, 0%	Waxing Crescent, 2%	Waxing Crescent, 6%
<b>Nautical Twilight</b>	0445, 1915	0444, 1914	0442, 1917
<b>Civil Twilight</b>	0512, 1847	0511, 1847	0510, 1849
<b>Humidity</b>	D : 81%    N : 92%	D : 96%    N : 92%	D : 92%    N : 92%
<b>Barometer (mb)</b>	1009	1007	1006
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	80%	90%	90%
<b>Wind (mph)</b>	12 km/h SSE	17 km/h SE	14 km/h SE

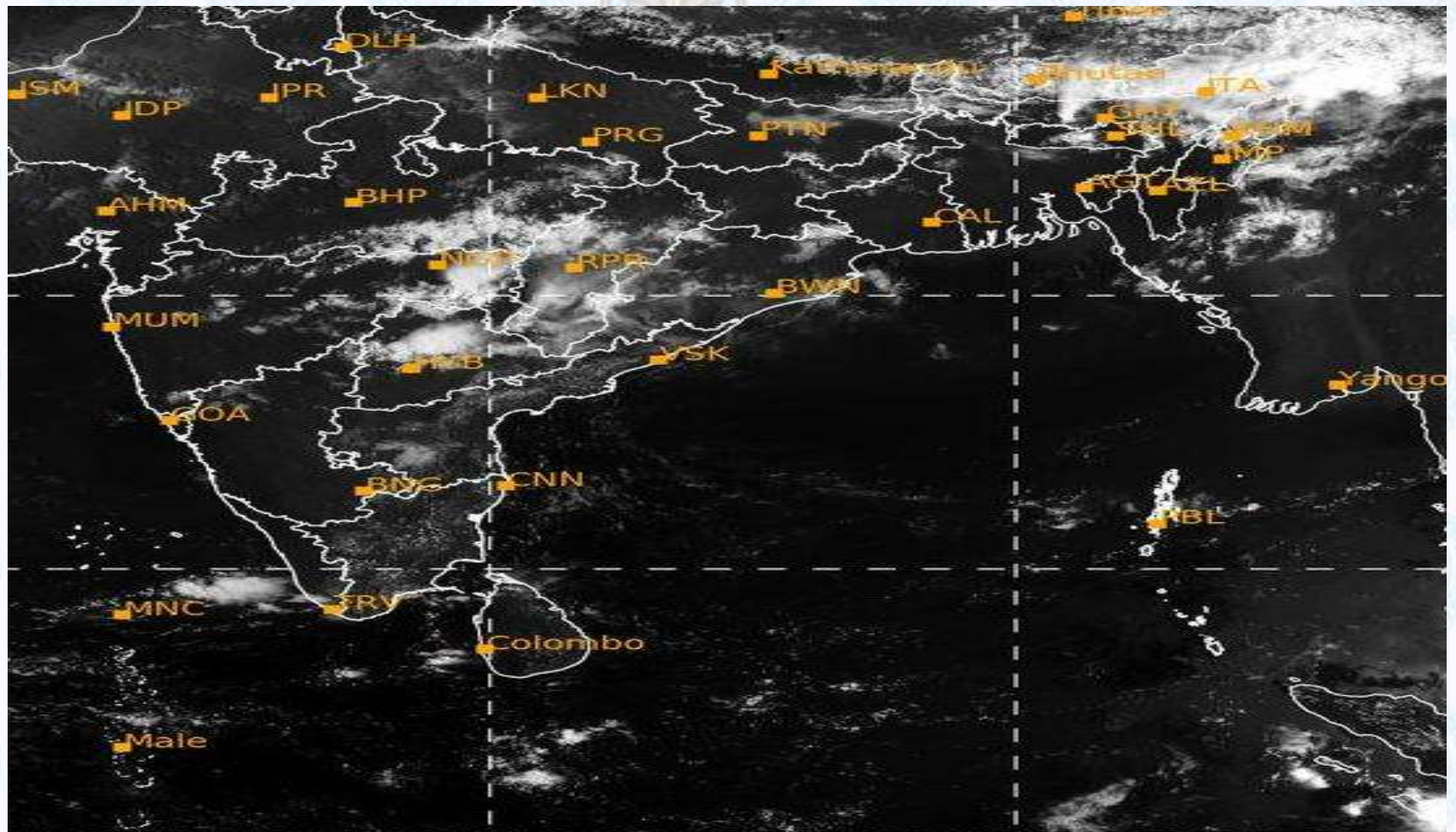
Ref: <https://weather.com/weather/5day//BGXX0005:1:BG>







# SATELLITE VIEW OF BAY OF BENGAL



22/04/2020, 12:00 MATSAT-VIS

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



# Fleet Forecast Sea Area C-90 ( Valid for 12 Hrs Commencing 1000 UTC of 22.04.2020)

<b>Part One</b>	NO STORM WARNING.	
<b>Part Two</b>	SEASONAL LOW LIES OVER SOUTH BAY.	
<b>Part Three</b>	Weather	TEMPORARY RAIN/THUNDER SHOWERS OVER AREA C-90.
	Wind	WEST/SOUTH-WESTERLY, 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 =22,0000 UTC. CHATTOGRAM =1011 HPA





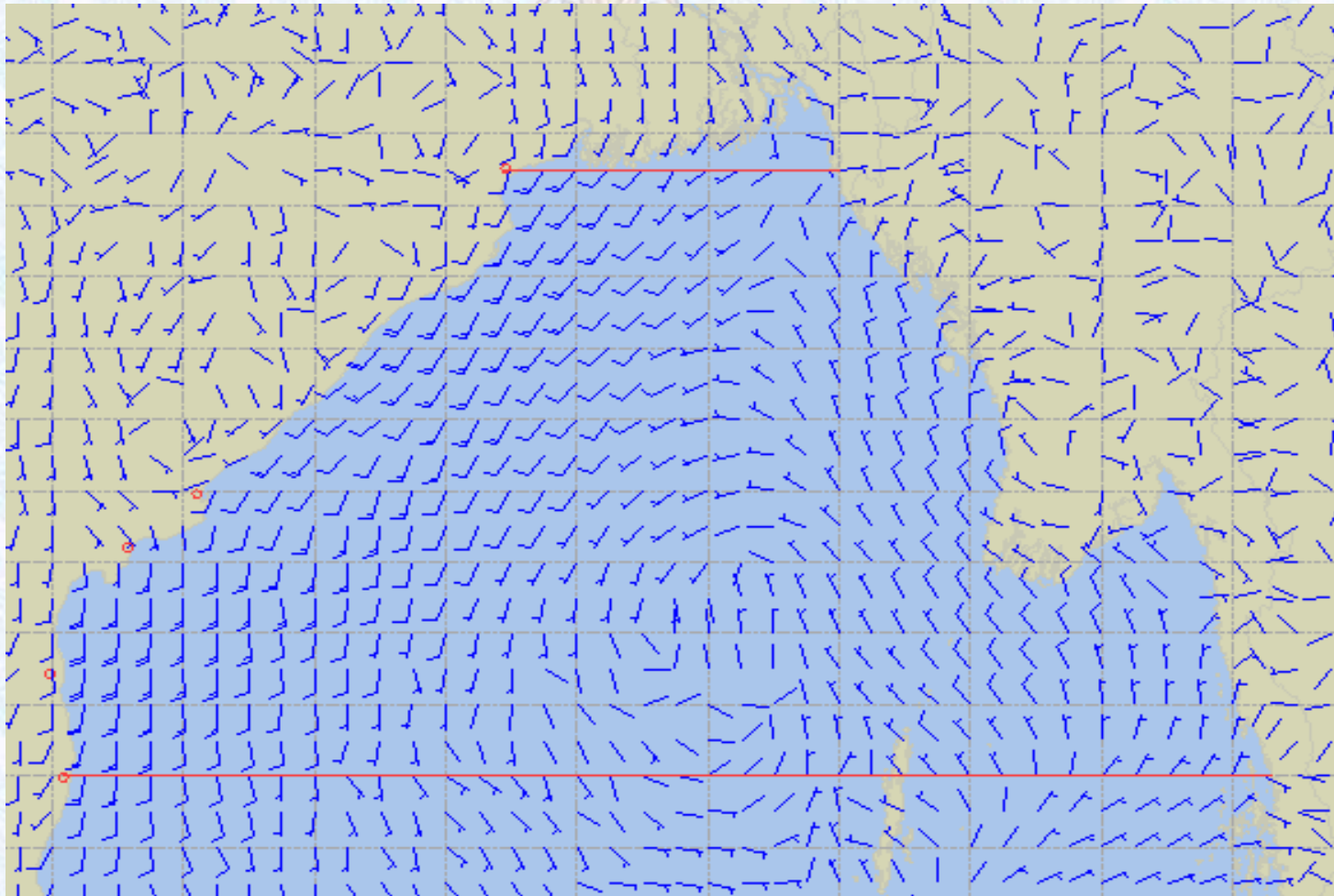
# **Inland River Port Warning** **(VALID TILL 06 PM OF 22.04.2020)**

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 RAJSHAHI, RANGPUR, PABNA, BOGURA, TANGAIL, DHAKA, MYMENSINGH, FARIDPUR, KHULNA, BARISHAL, PATUAKHALI, NOAKHALI, CUMILLA, CHATTOGRAM AND SYLHET **HEREIN RIVERPORTS SHALL HOIST CAUTIONARY SIGNAL NO. ONE (R) ONE.**

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



# Surface Wind Forecast- 23 Apr - 2020



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



**60 Knots**

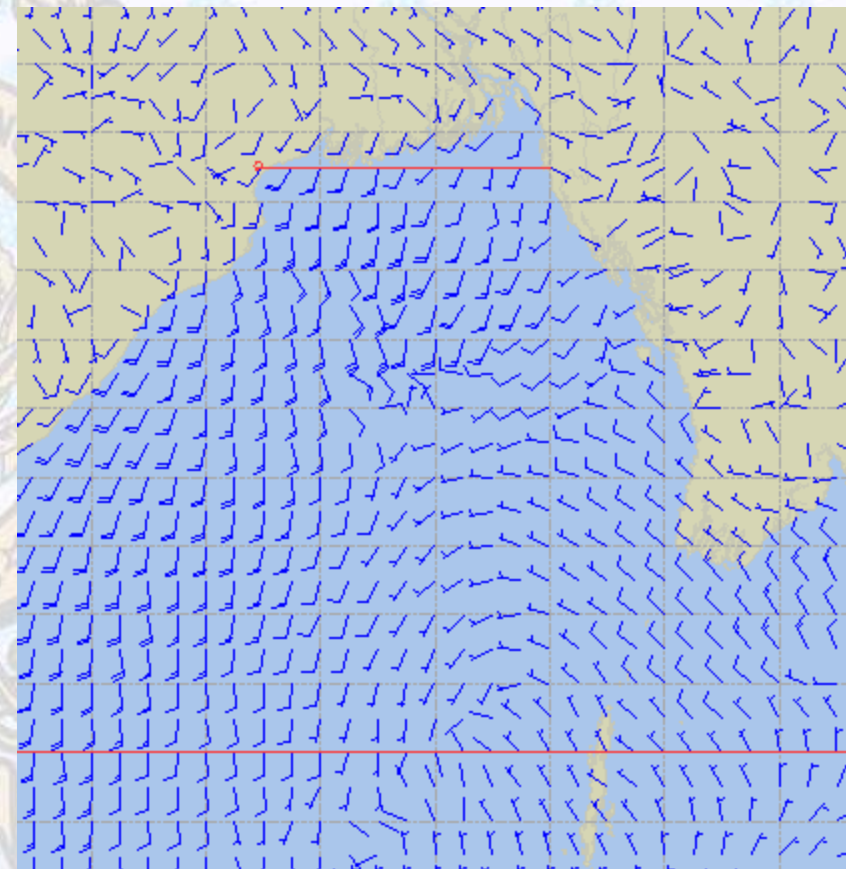
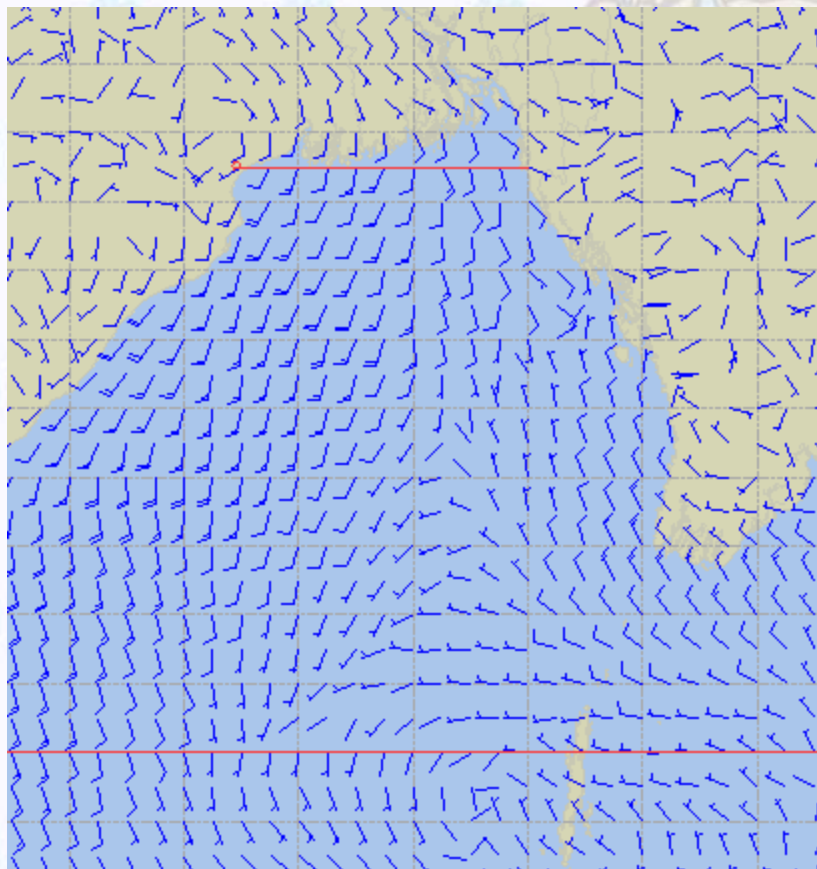




# Surface Wind Forecast –24 & 25 Apr- 2020

24 Apr 2020 Friday

25 Apr 2020 Saturday



## Legend:



Calm  
Winds



5 Knots



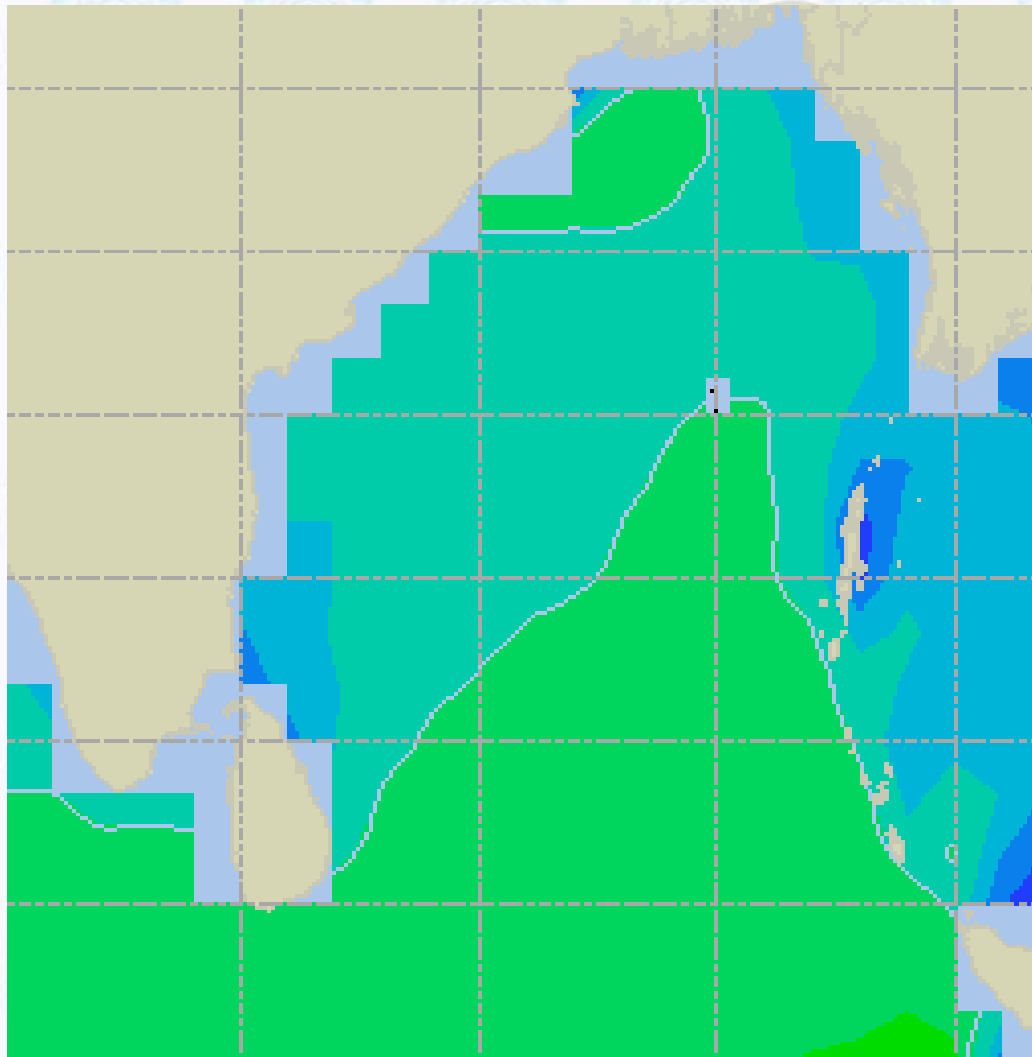
10 Knots



60 Knots



# Sea State Forecast - 23 Apr - 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



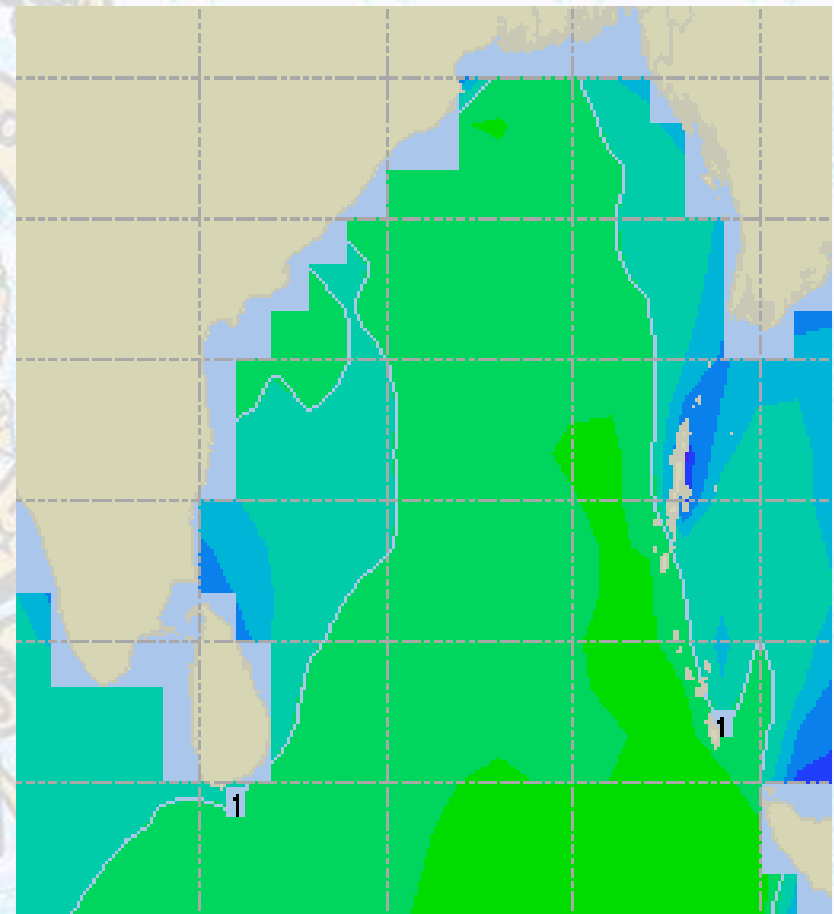
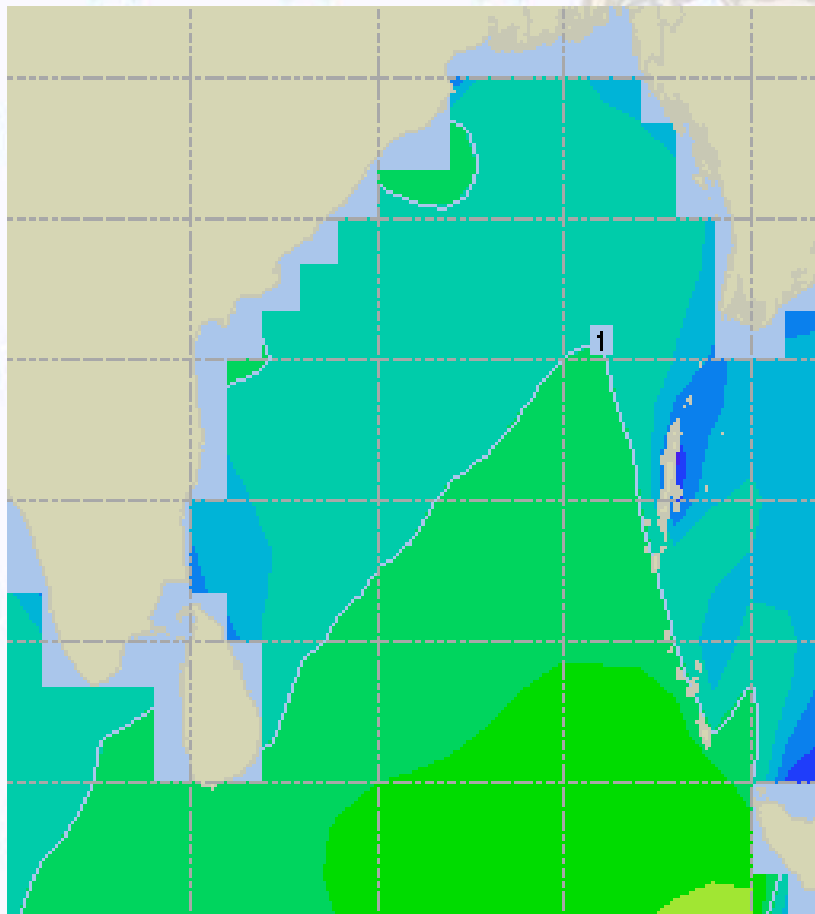




# Sea State Forecast – 24 & 25 Apr- 2020

24 Apr 2020 Friday

25 Apr 2020 Saturday

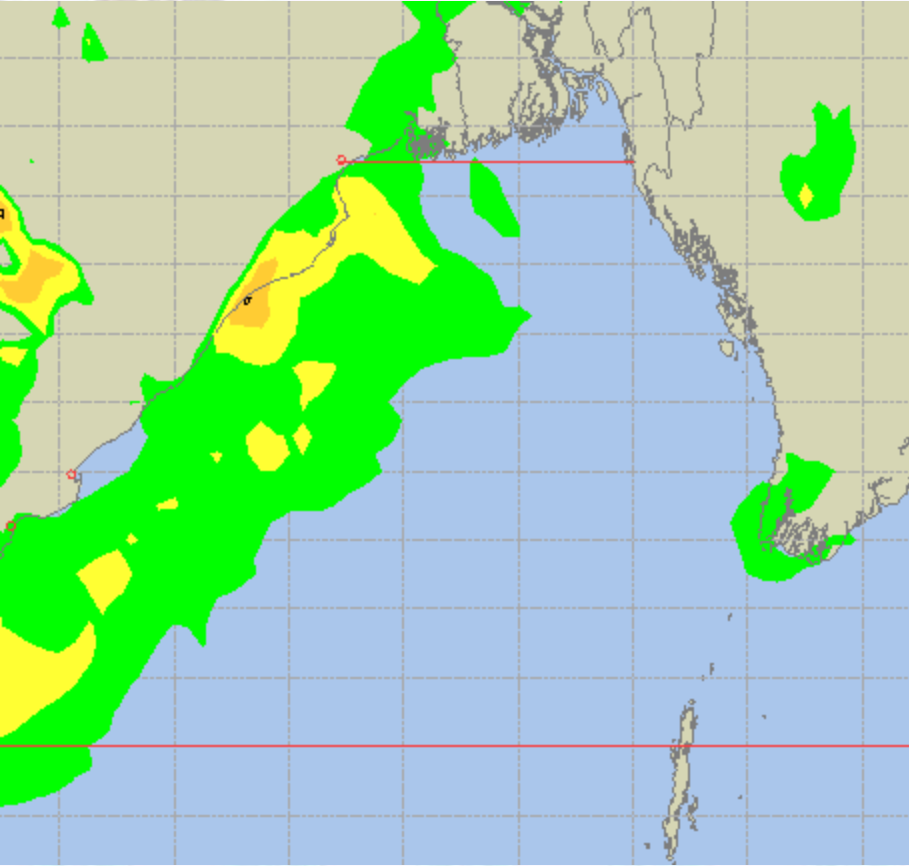
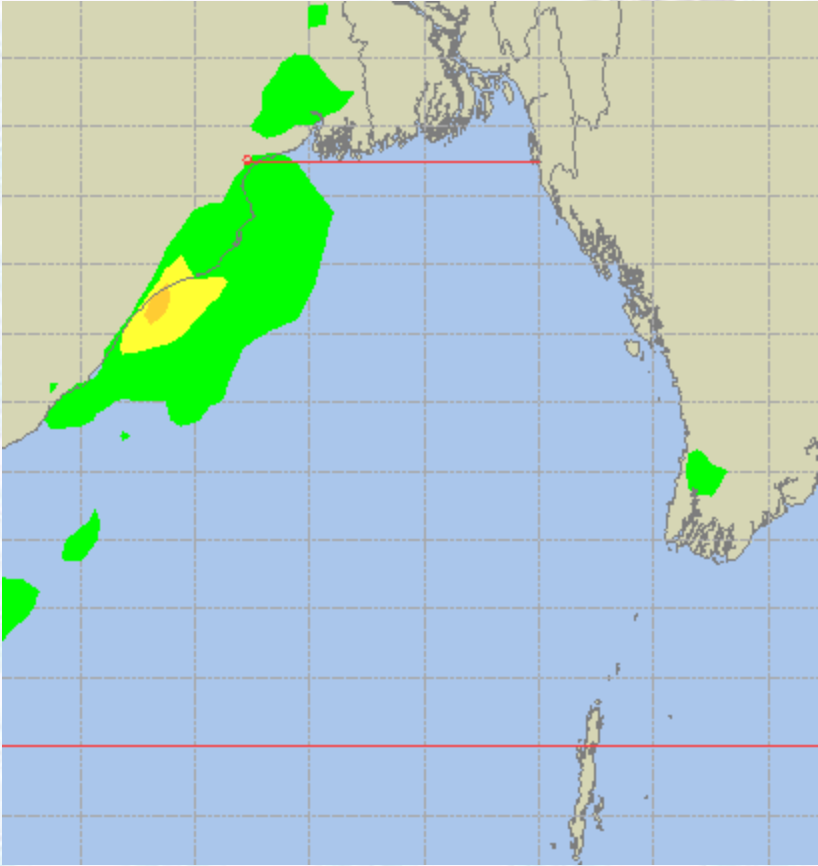




# Peak Gusting Possibilities – 23 & 24 Apr 2020

23 Apr 2020 Thursday

24 Apr 2020 Friday

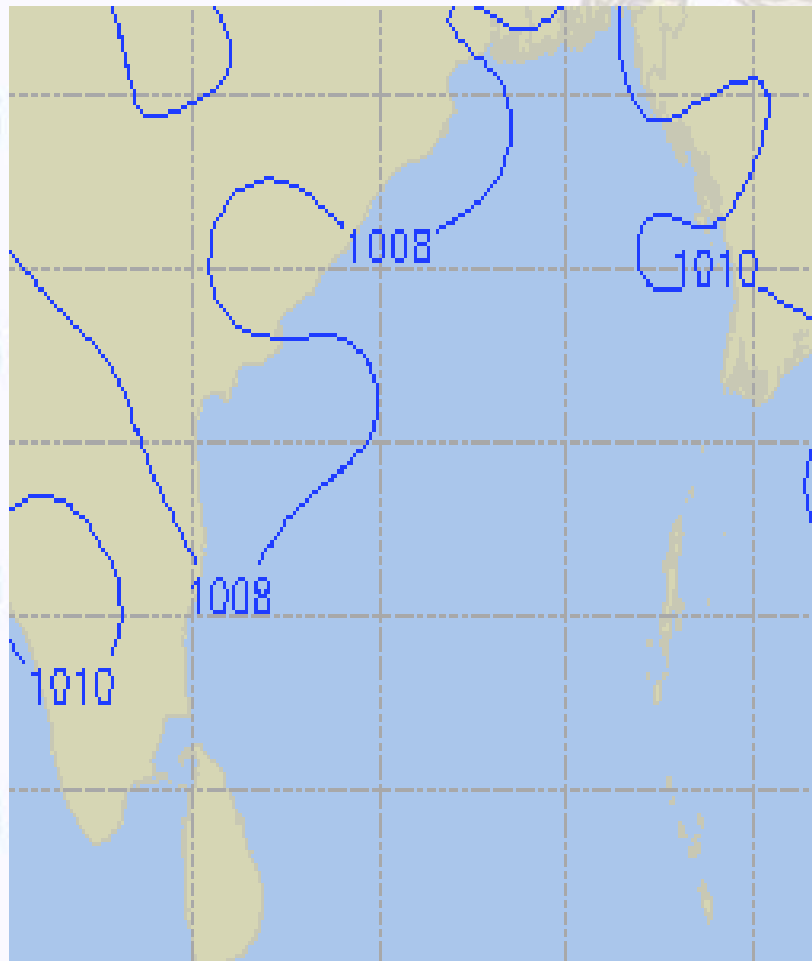




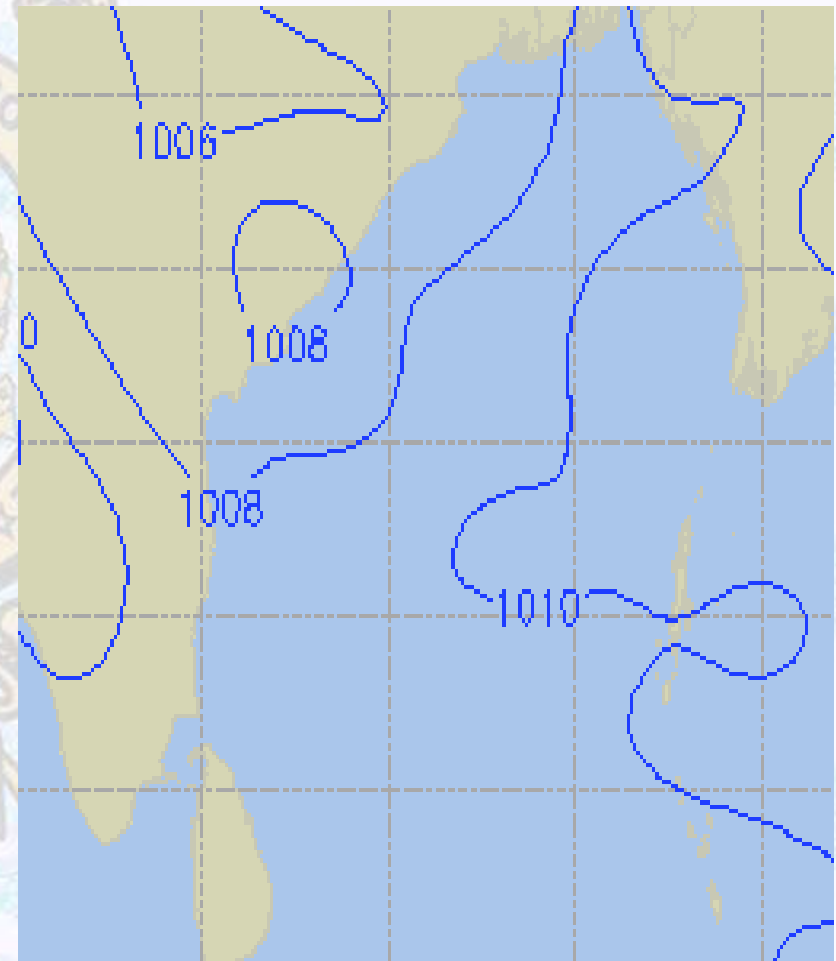


# Surface Pressure forecast – 23 & 24 Apr 2020

23 Apr 2020 Thursday



24 Apr 2020 Friday

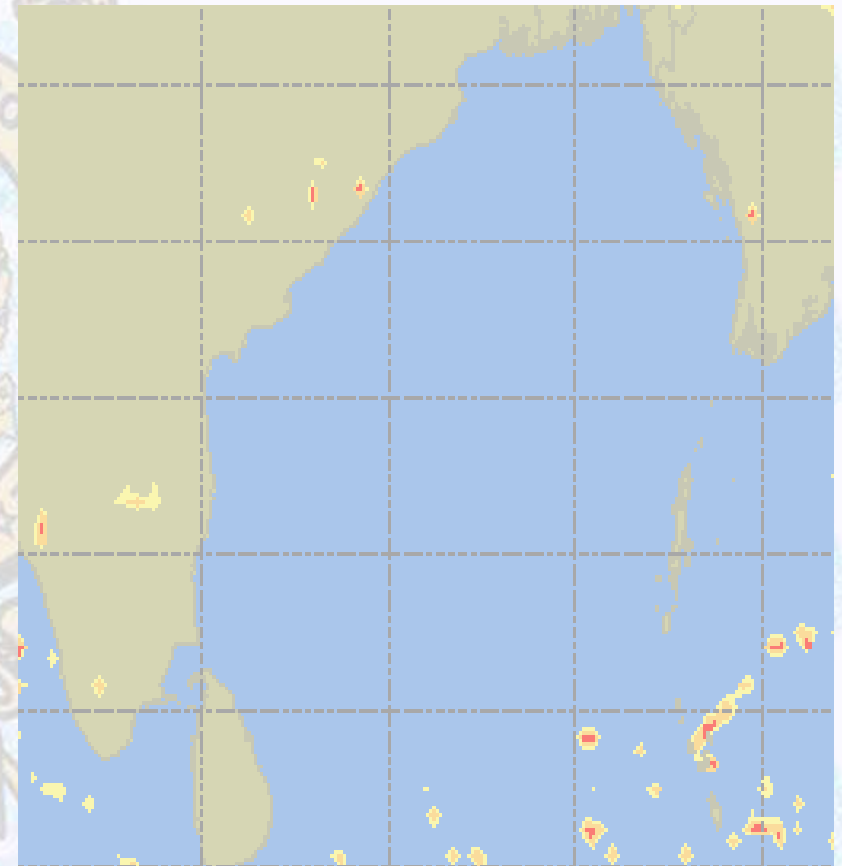
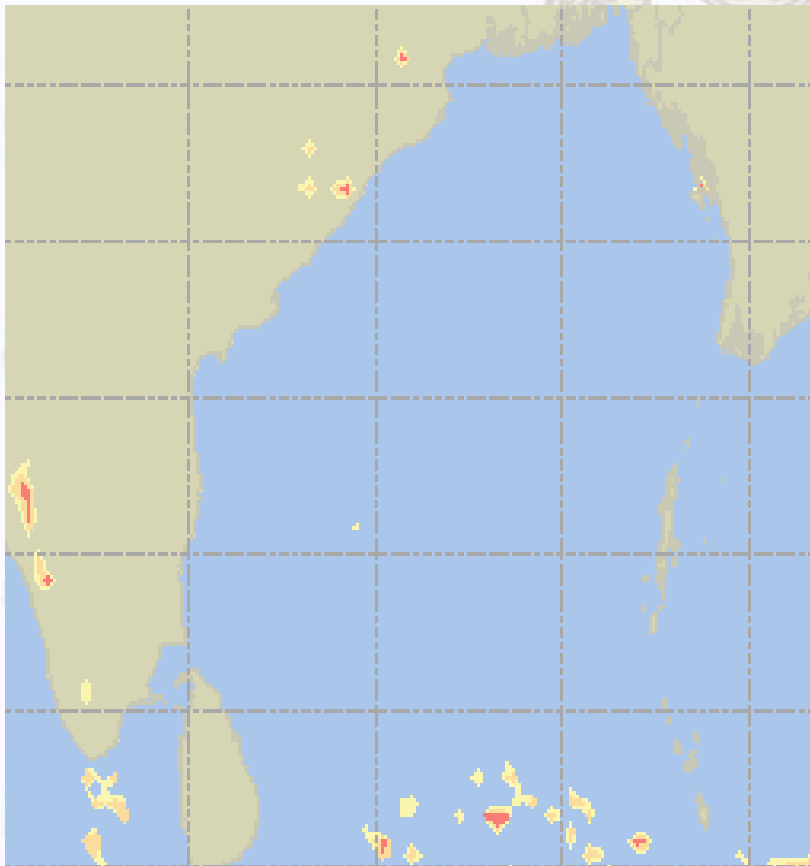




# Visibility at Sea Forecast – 23 & 24 Apr - 2020

23 Apr 2020 Thursday

24 Apr 2020 Friday



**Visibility Scale:**



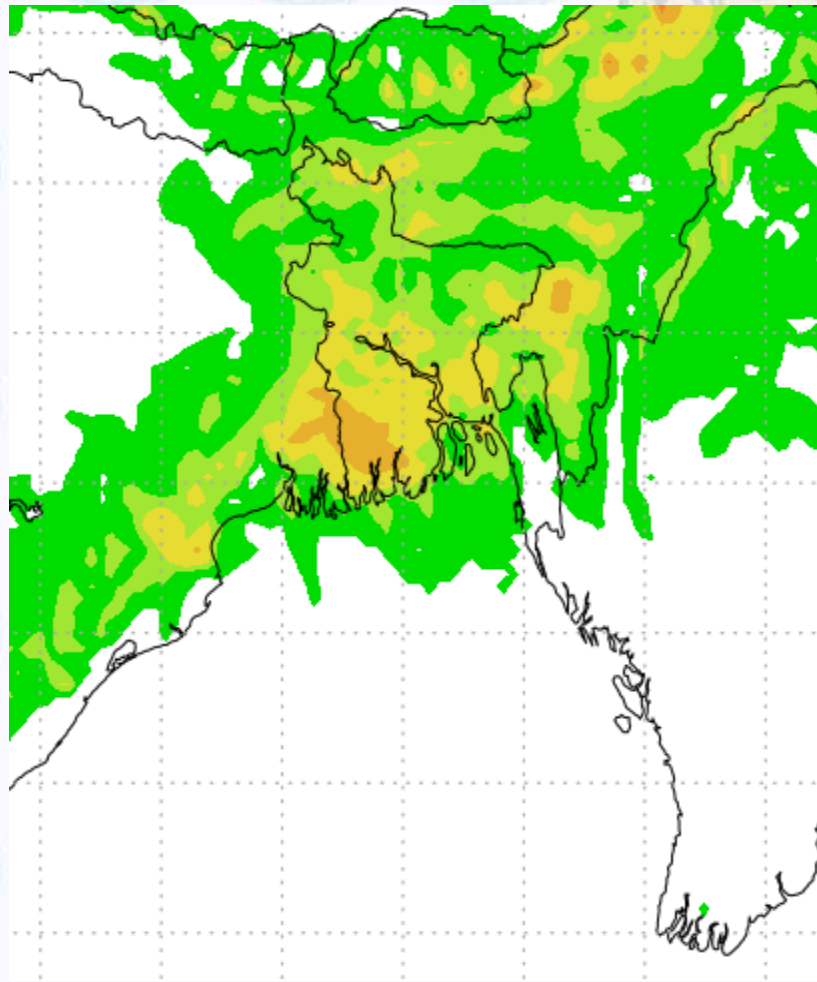
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



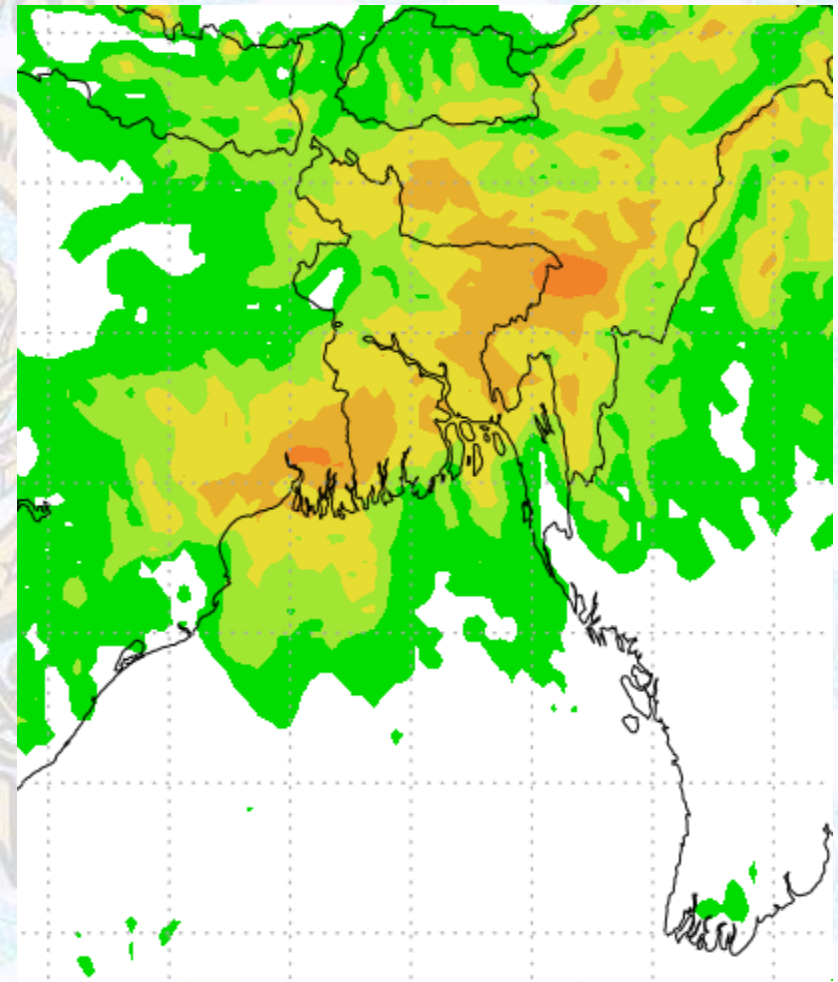


# Precipitation

Rain(mm) 23 & 24 Apr 2020



Rain(mm) 24 & 25 Apr 2020



**Precipitation Scale (mm):**





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

	Time	Height		Time	Height		Time	Height
		0102		4.45			0516	0.41
<b>23 Apr 2020</b>	0730	0.50		1100	3.42		1058	2.99
	1319	4.62		1736	0.50		1714	0.63
	1948	0.59		2311	3.26		2306	2.79
	Time	Height		Time	Height		Time	Height
		0127		4.47			0546	0.37
<b>24 Apr 2020</b>	0755	0.47		1131	3.45		1124	3.00
	1341	4.64		1806	0.48		1743	0.64
	2015	0.60		2341	3.23		2334	2.76
	Time	Height		Time	Height		Time	Height
		0153		4.38			0615	0.37
<b>25 Apr 2020</b>	0821	0.48		1202	3.41		1151	2.98
	1406	4.59		1835	0.50		1813	0.70
	2043	0.70		-	-		-	