



# WEATHER FORECAST FOR BN

**28 APR - 01 MAY 2020**





# WEATHER FORECAST – DHAKA

## 28.04.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	29 / 23	26 / 23	25 / 23	24 / 23
Wind	6 km/h SE	7 km/h SE	6 km/h SSE	6 km/h SSE
Humidity	74%	81%	86%	91%
Chance of Precip	39%	67%	43%	72%
Cloud Cover	82%	75%	74%	75%
Conditions	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sunrise Sunset	5: 27 AM 6: 26 PM			

### Conditions

Pressure : 1009 hpa

Visibility : 11.27 km

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



# WEATHER FORECAST – CHATTOGRAM

## 28.04.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	30 / 22	29 / 23	27 / 25	26 / 25
Wind	9 km/h WSW	8 km/h SW	6 km/h S	5 km/h SSE
Humidity	63%	67%	91%	94%
Chance of Precip.	1%	1%	43%	61%
Cloud Cover	72%	60%	70%	75%
Conditions	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sunrise Sunset	5: 23 AM 6: 18 PM			

### Conditions

Pressure : 1010 hpa

Visibility : 9.66 Km

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



# WEATHER FORECAST – KHULNA

## 28.04.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	28 / 25	28 / 25	25 / 24	24 / 23
Wind	10 km/h SSE	10 km/h SSE	5 km/h SSE	6 km/h SSE
Humidity	83%	87%	95%	95%
Chance of Precip.	48%	46%	23%	30%
Cloud Cover	72%	74%	52%	35%
Conditions	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sunrise Sunset	5: 33 AM 6: 29 PM			

### Conditions

Pressure : 1008 hpa

Visibility : 12.87 Km

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



# GENERAL WEATHER FORECAST – DHAKA

Description	29 Apr 2020	30 Apr 2020	01 May 2020
<b>Temperature (C)</b>	29° C/ 23° C	30° C/ 23° C	30° C/ 23° C
<b>Summary</b>	Partly Cloudy/Sunny	Partly Cloudy/Sunny	Partly Cloudy/Sunny
<b>Sun Rise/Set</b>	5h24m18s/18h25m54s	5h24m36s/18h26m42s	5h23m54s/18h27m24s
<b>Day Length</b>	13h01m36s	13h02m06s	13h03m30s
<b>Moon Rise/ Set</b>	- -	11:04 AM 12:03 PM	12:06 PM 12:53 AM
<b>Moon Phase/ illu</b>	Waxing Crescent, %	First Quarter, 40%	Waxing Gibbous, 52%
<b>Nautical Twilight</b>	0434,1917	0433,1918	0432,1919
<b>Civil Twilight</b>	0502,1849	0501,1850	0500,1850
<b>Humidity</b>	D : 80% N : 89%	D : 78% N : 90%	D : 79% N : 88%
<b>Barometer (mb)</b>	1010	1010	1009
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	80%	50%	50%
<b>Wind (mph)</b>	10 Km/h SE	7 Km/h ESE	7 Km/h ESE

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



# GENERAL WEATHER FORECAST– CHATTOGRAM

Description	29 Apr 2020	30 Apr 2020	01 May 2020
<b>Temperature (C)</b>	28°C/ 22°C	29°C/ 23°C	30°C/ 23°C
<b>Summary</b>	Partly Cloudy/Sunny	Partly Cloudy/Sunny	Partly Cloudy/Sunny
<b>Sun Rise/Set</b>	5h20m24s/18h18m12s	5h20m48s/18h18m54s	5h20m12s/18h19m30s
<b>Day Length</b>	12h57m48s	12h58m06s	12h59m18s
<b>Moon Rise/ Set</b>	10:02AM 11:54PM	- -	12:01 PM 12:44 AM
<b>Moon Phase/ illu</b>	Waxing Crescent, 40%	First Quarter, %	Waxing Gibbous, 52%
<b>NauticalTwilight</b>	0431, 1907	0430, 1910	0429, 1910
<b>Civil Twilight</b>	0459, 1841	0457, 1842	0457, 1842
<b>Humidity</b>	D : 85% N : 94%	D : 86% N : 96%	D : 83% N : 96%
<b>Barometer (mb)</b>	1011	1011	1010
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	80%	60%	50%
<b>Wind (mph)</b>	13 Km/h S	10 Km/h SSW	10 Km/h SSW

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



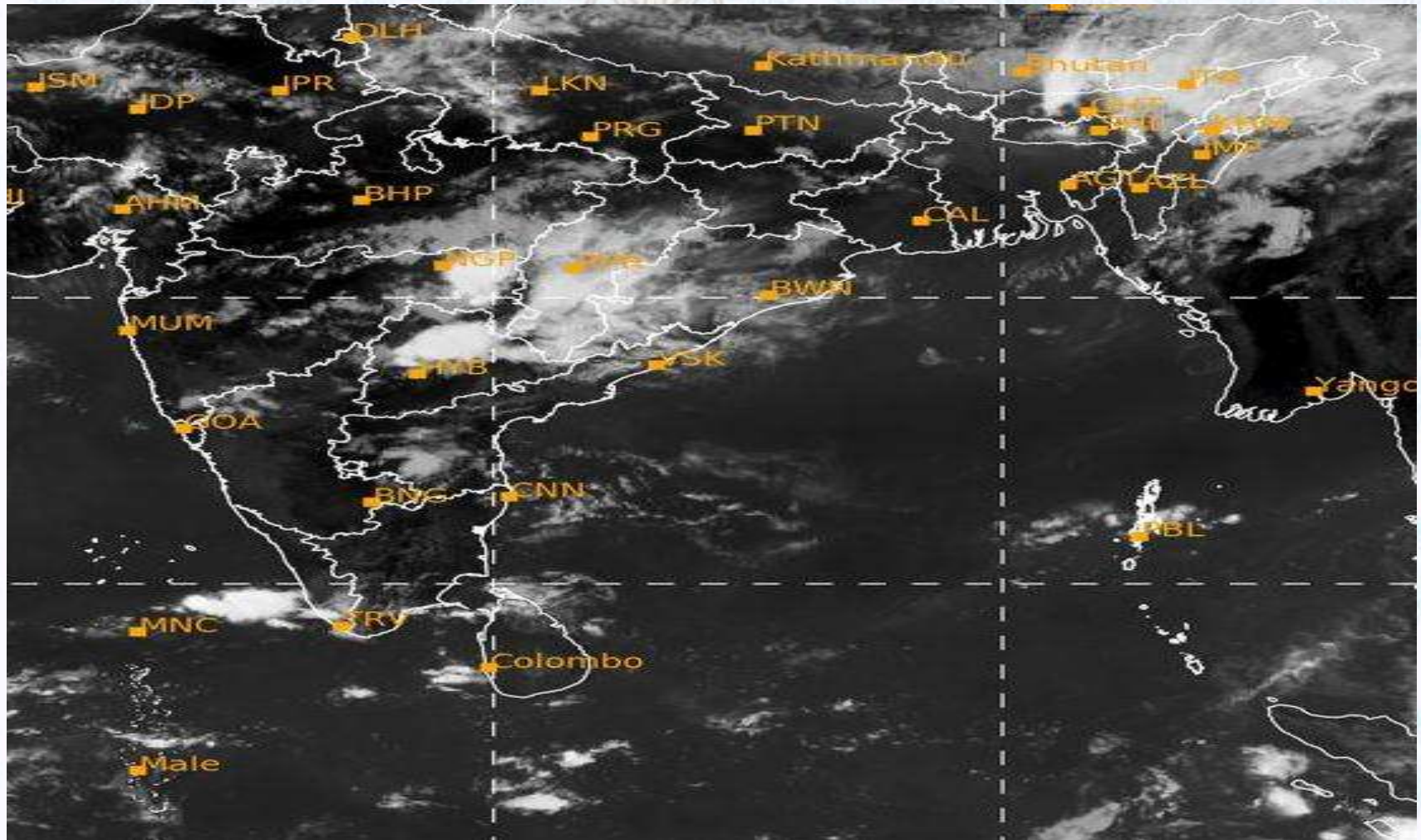
# GENERAL WEATHER FORECAST – KHULNA

Description	29 Apr 2020	30 Apr 2020	01 May 2020
<b>Temperature(C)</b>	29°C/ 23°C	30°C/ 23°C	30°C/ 23°C
<b>Summary</b>	Partly cloudy /Sunny	Partly cloudy /Sunny	Partly cloudy /Sunny
<b>Sun Rise/Set</b>	5h28m54s/18h28m00s	5h29m18s/18h28m48s	5h28m36s/18h29m18s
<b>Day Length</b>	12h59m06s	12h59m30s	13h00m42s
<b>Moon Rise/Set</b>	- -	11:10AM 12:04PM	12:11 PM 12:55 AM
<b>Moon Phase/illu</b>	Waxing Crescent, 1%	First Quarter, 40%	Waxing Gibbous, 52%
<b>Nautical Twilight</b>	0439, 1917	0438, 1920	0437, 1920
<b>Civil Twilight</b>	0507, 1851	0506, 1852	0505, 1852
<b>Humidity</b>	D : 81% N : 91%	D : 83% N : 92%	D : 84% N : 93%
<b>Barometer (mb)</b>	1010	1009	1009
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	80%	60%	60%
<b>Wind (mph)</b>	10 km/h SE	7 km/h E	8 km/h E

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



# SATELLITE VIEW OF BAY OF BENGAL



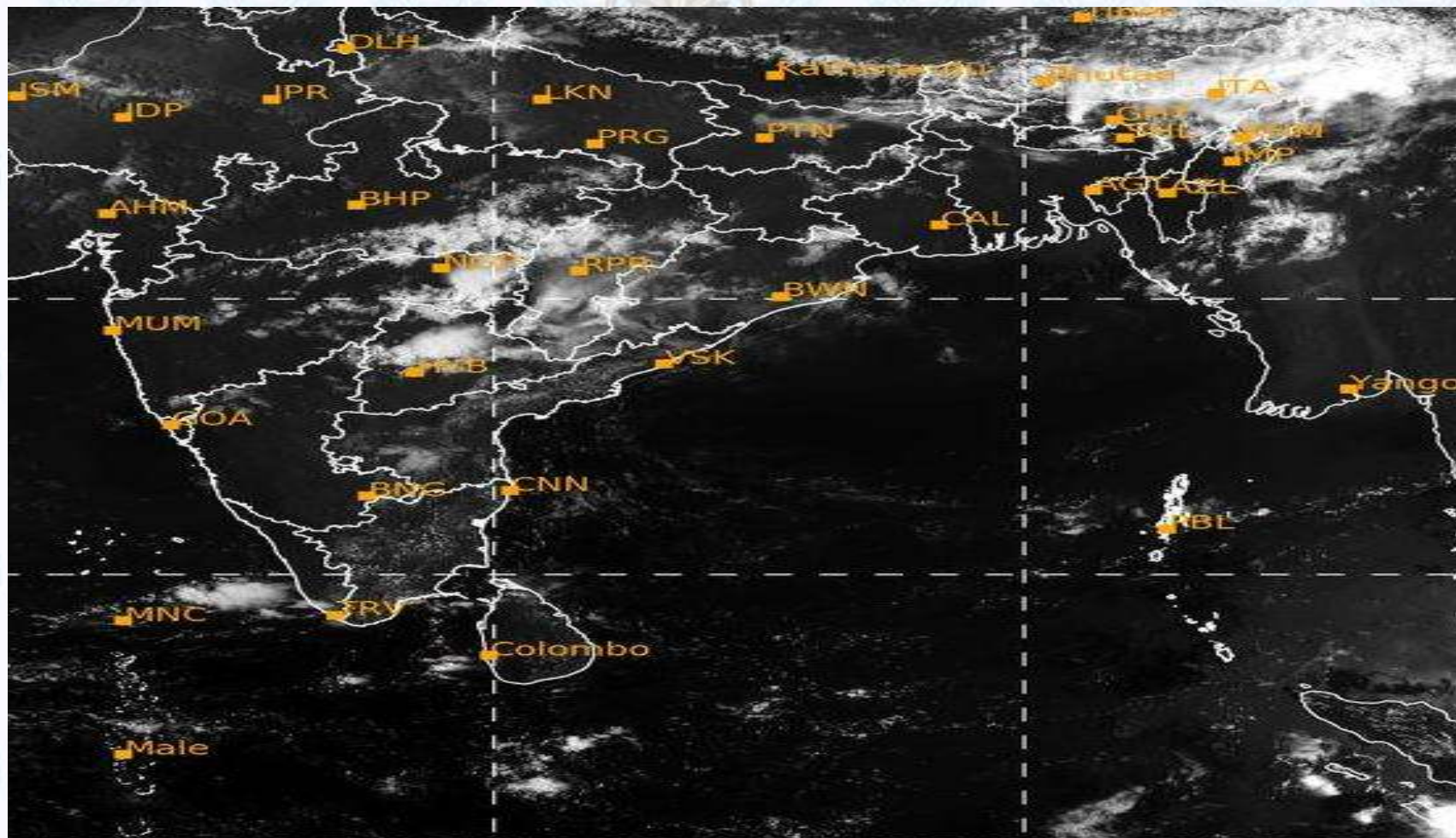
28/04/2020, 12:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



28/04/2020, 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 28.04.2020)

<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	SOUTH/SOUTH-EASTERLY, 10-15 KTS, TEMPORARY GUSTING TO 25 KTS.
	Visibility	03-05 KMS, REDUCING TO 1500 M OR LESS IN RAIN/SHOWERS.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT =28,0000 UTC. CHATTOGRAM =1010 HPA



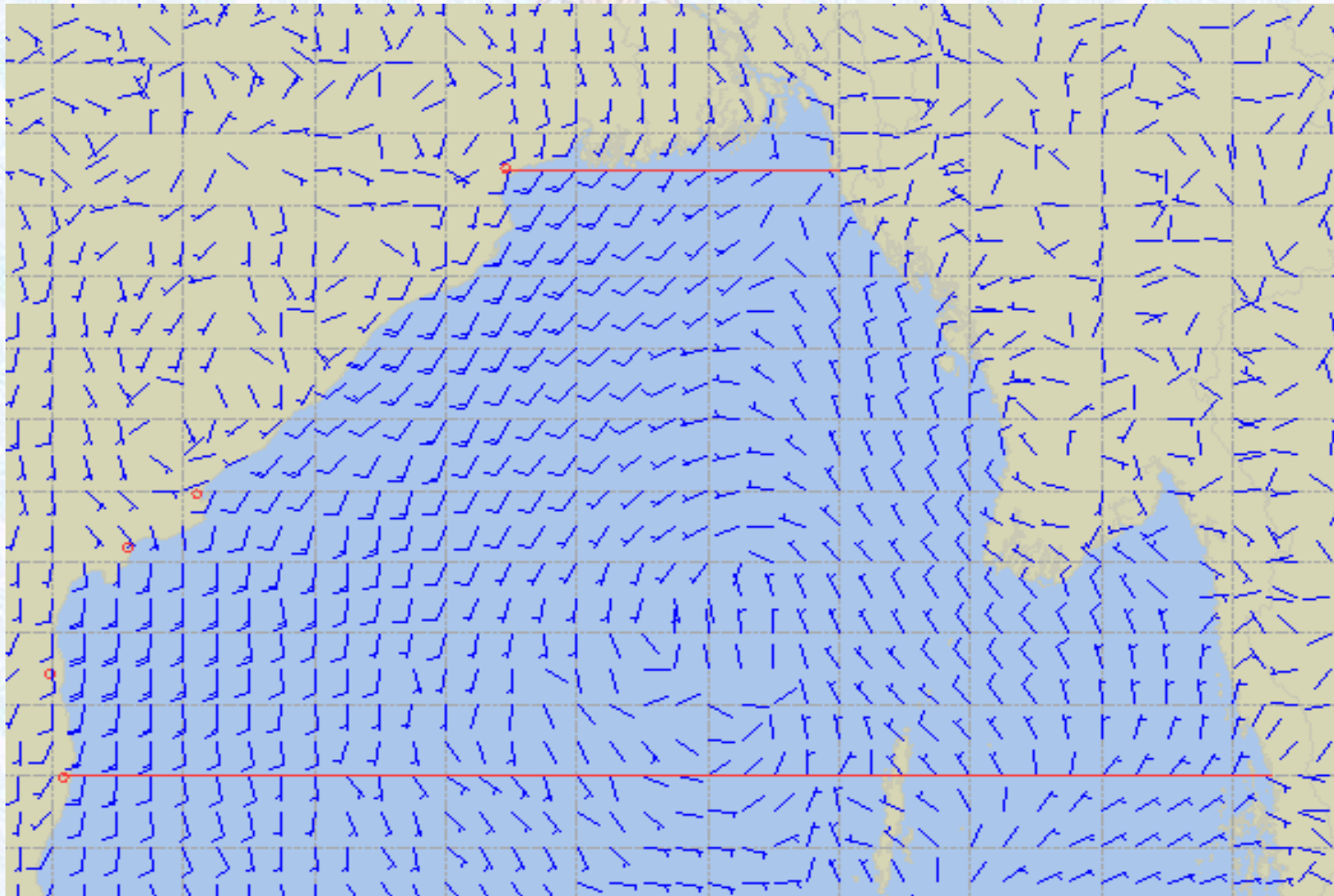
# **Inland River Port Warning** **(VALID TILL 06 PM OF 28.04.2020)**

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, MYMENSINGH, DHAKA, FARIDPUR, JASHORE, KUSHTIA, KHULNA, BARISHAL, PATUAKHALI, NOAKHALI, CUMILLA, CHATTOGRAM AND SYLHET **WHEREIN RIVERPORTS SHALL HOIST CAUTIONARY SIGNAL NO. ONE (R) ONE.**

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



# Surface Wind Forecast- 29 Apr - 2020



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



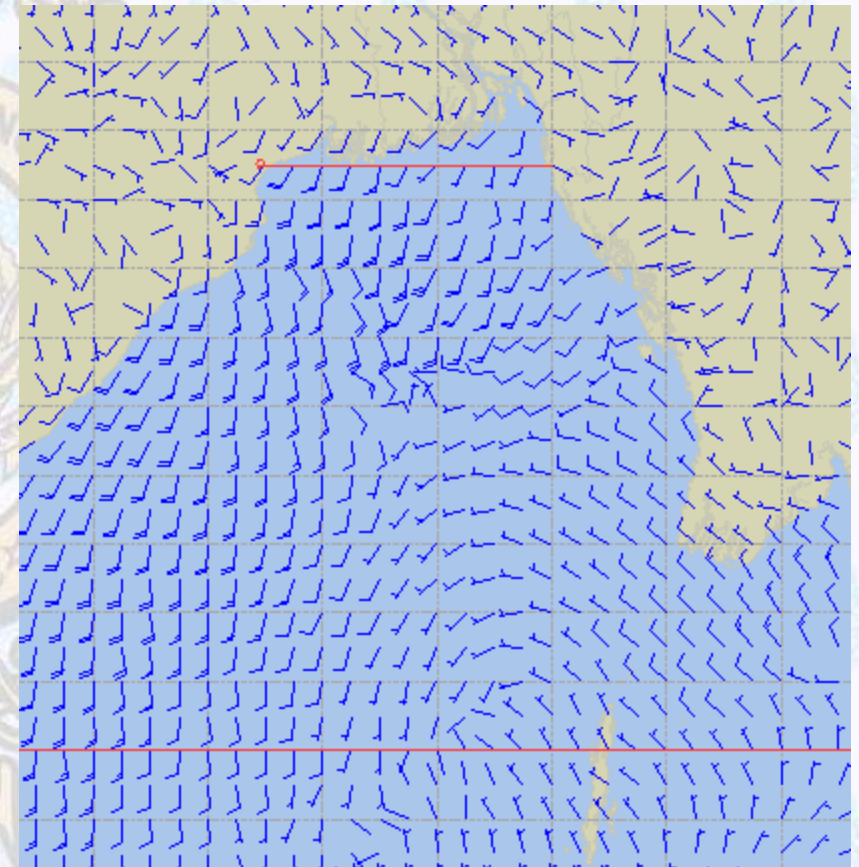
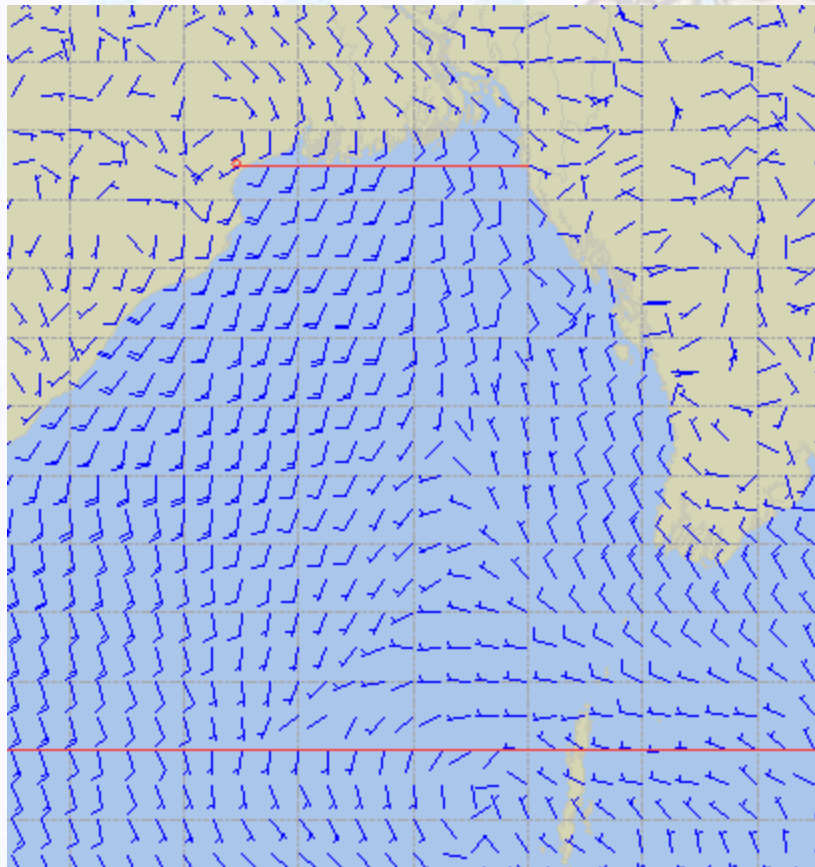
**60 Knots**



# Surface Wind Forecast –30 Apr & 01 May- 2020

30 Apr 2020 Thursday

01 May 2020 Friday



## Legend:



Calm  
Winds



5 Knots



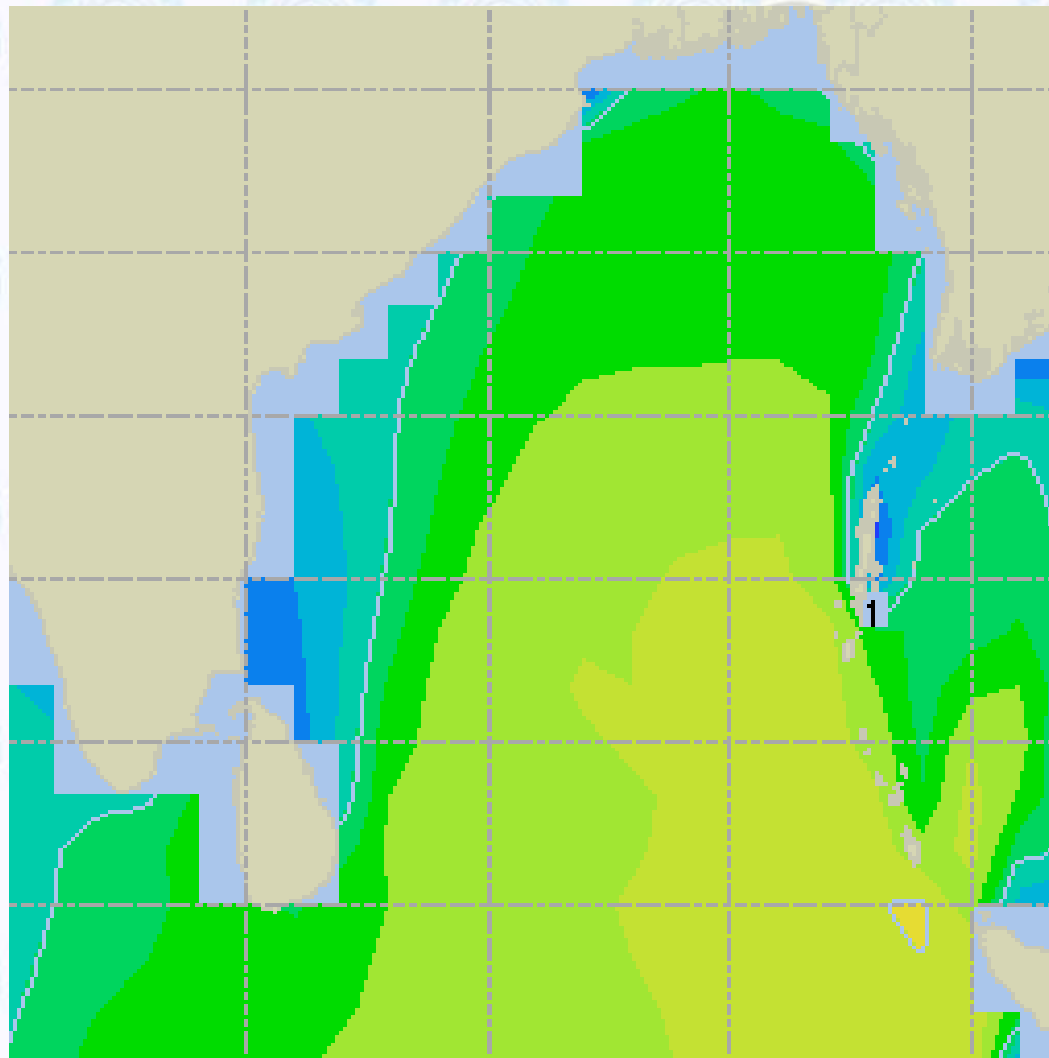
10 Knots



60 Knots



# Sea State Forecast - 29 Apr - 2020



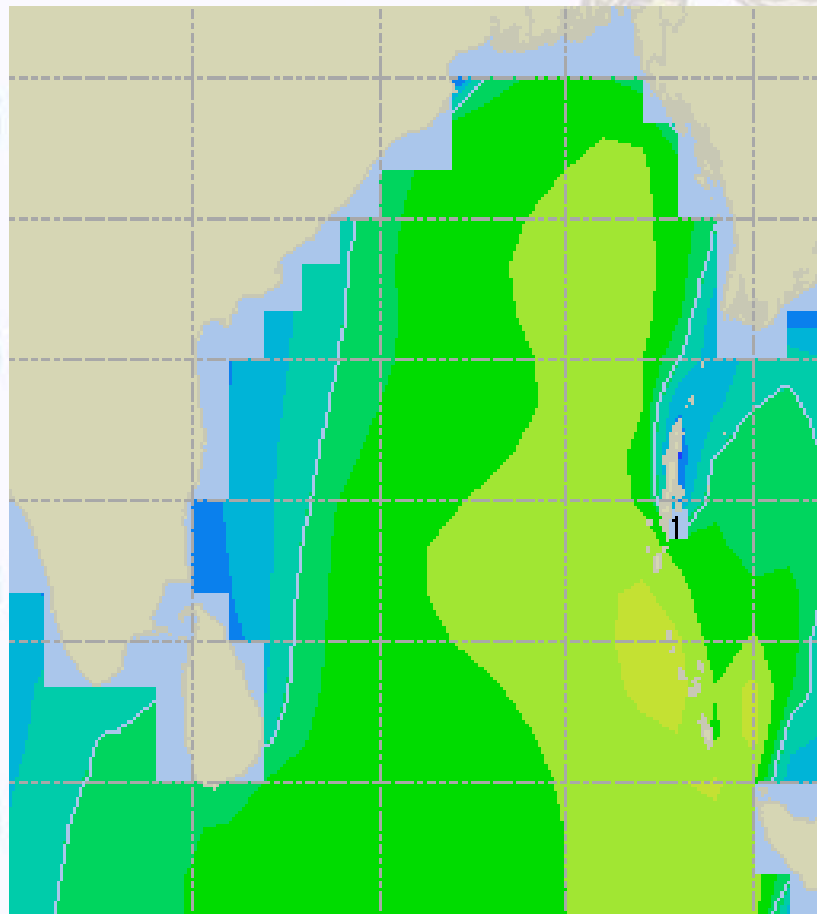
Sea State	Ht (m)
0	0-0.1
1	0-0.1
2	0.1-0.5
3	0.5-1.25
4	1.25-2.5
5	2.5-4.0
6	4-6
7	6-9
8	9-14
9	Over 14



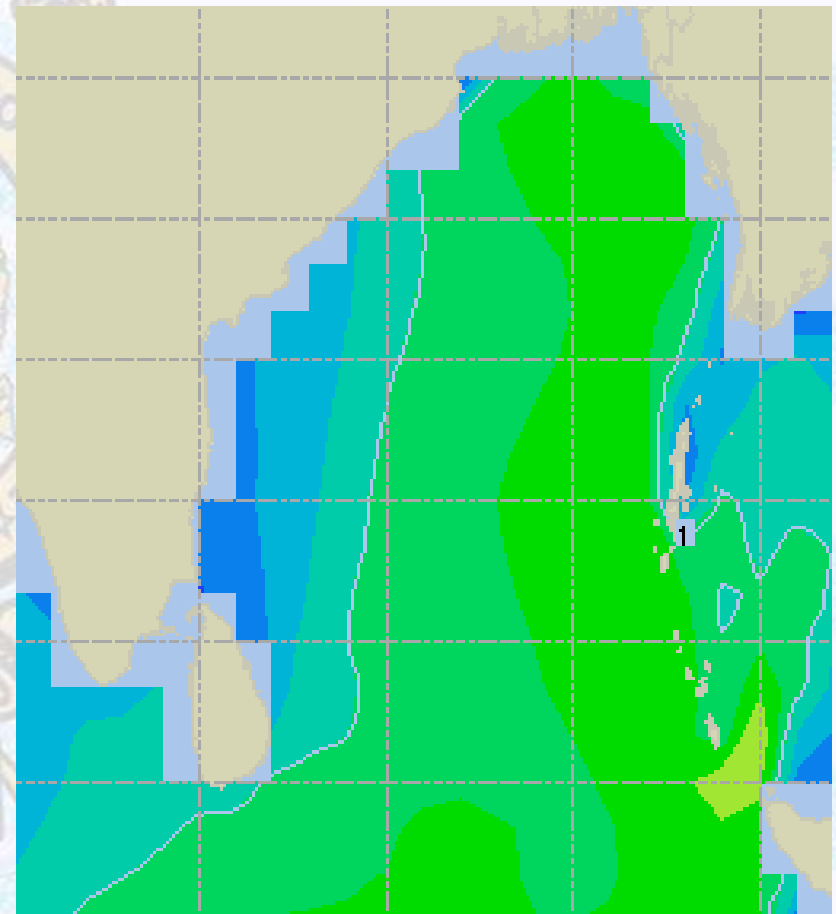


# Sea State Forecast – 30 Apr & 01 May- 2020

30 Apr 2020 Thursday



01 May 2020 Friday

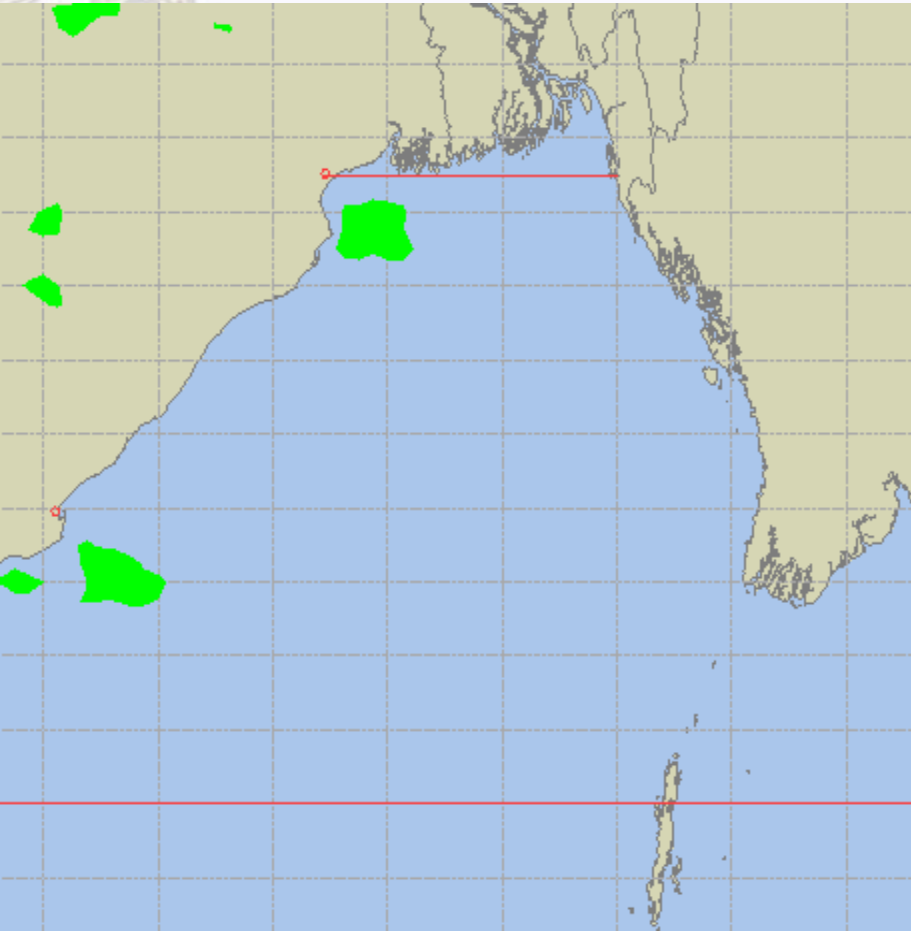
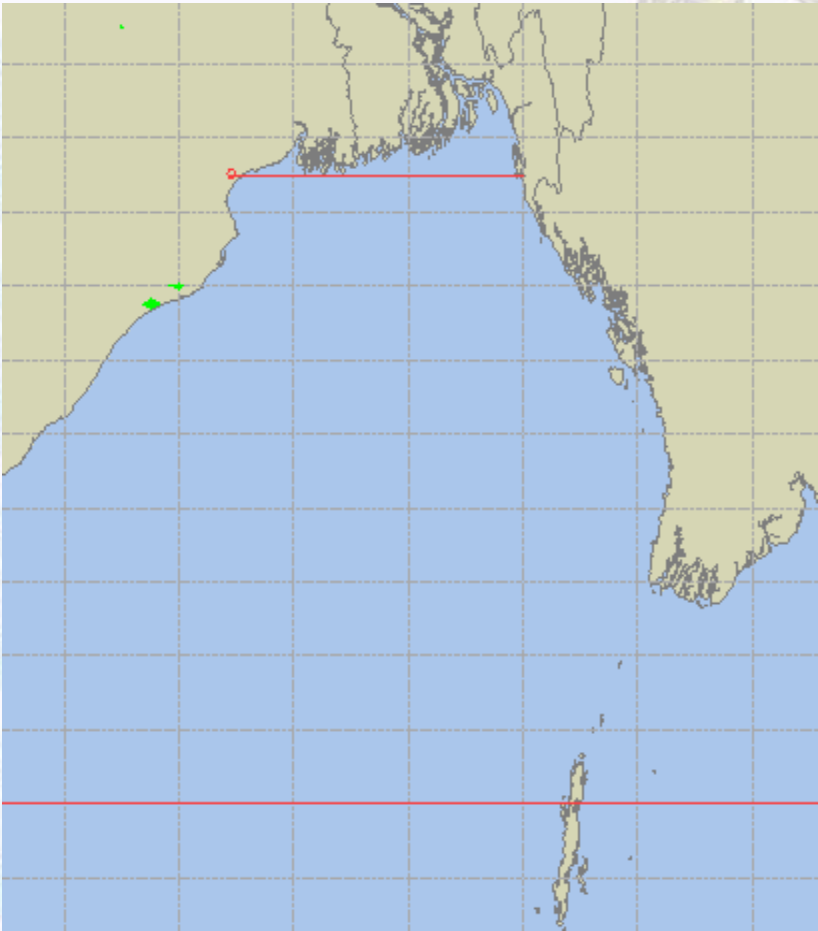




# Peak Gusting Possibilities – 29 & 30 Apr 2020

29 Apr 2020 Wednesday

30 Apr 2020 Thursday



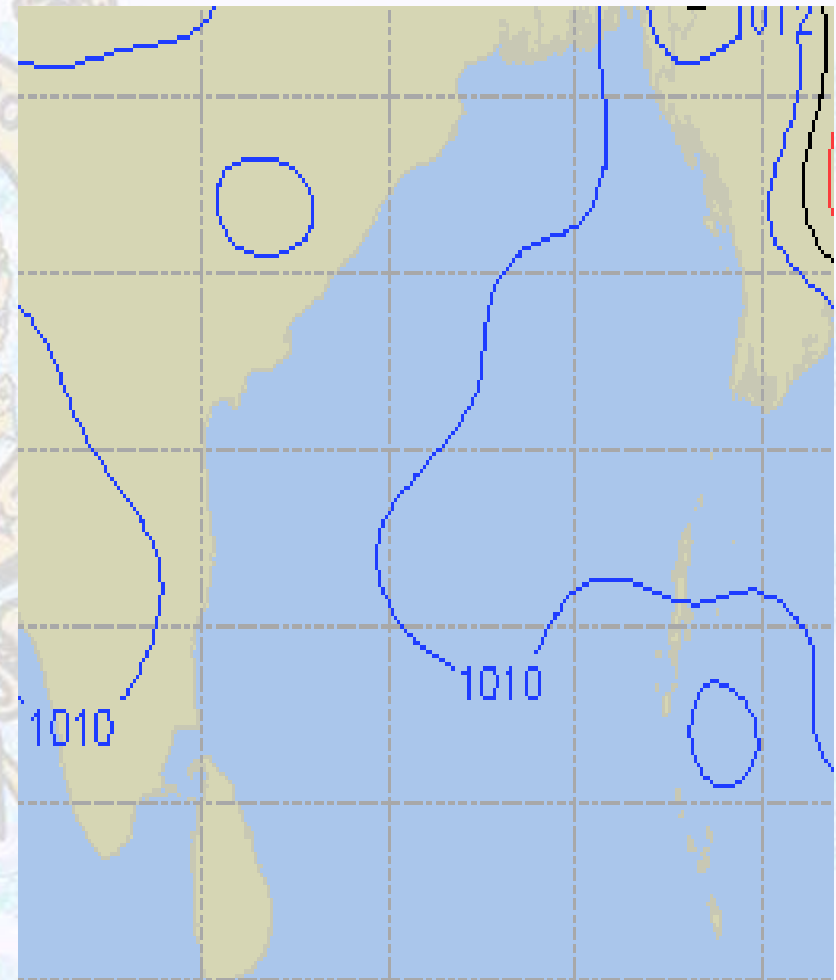
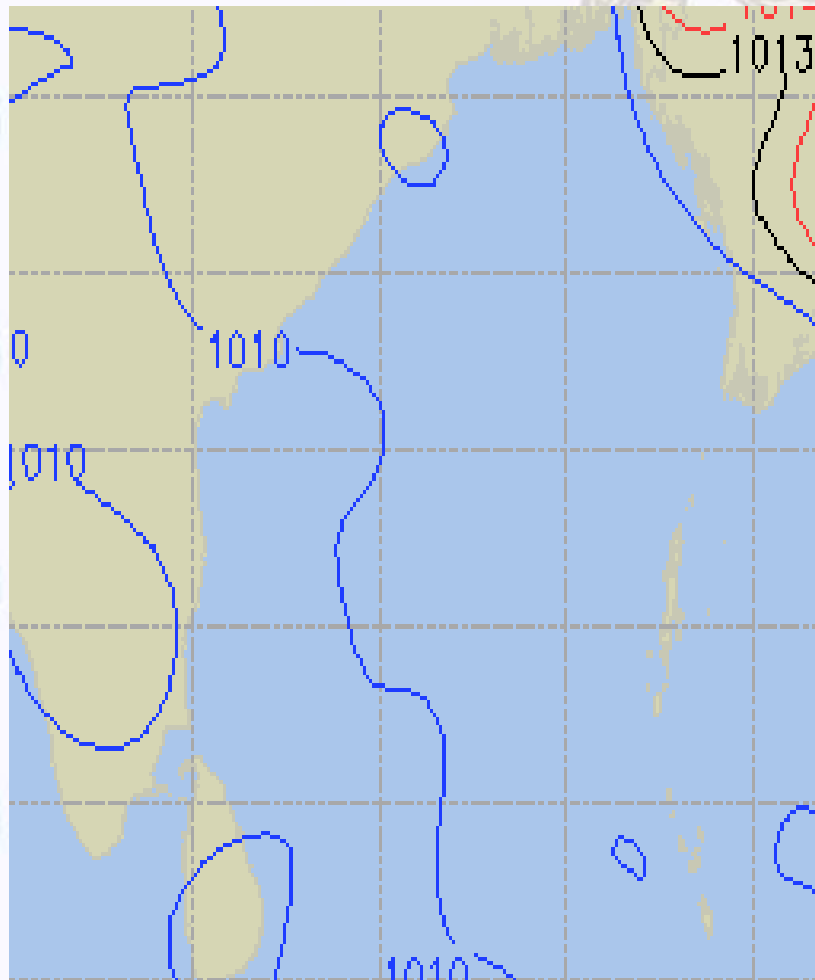




# Surface Pressure forecast – 29 & 30 Apr 2020

29 Apr 2020 Wednesday

30 Apr 2020 Thursday

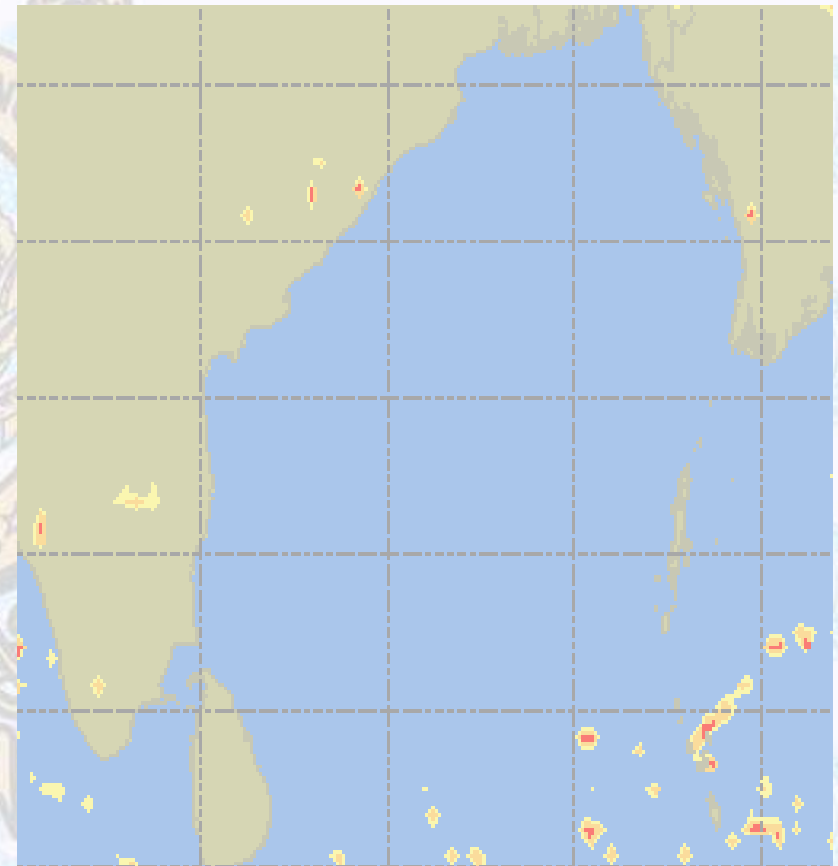
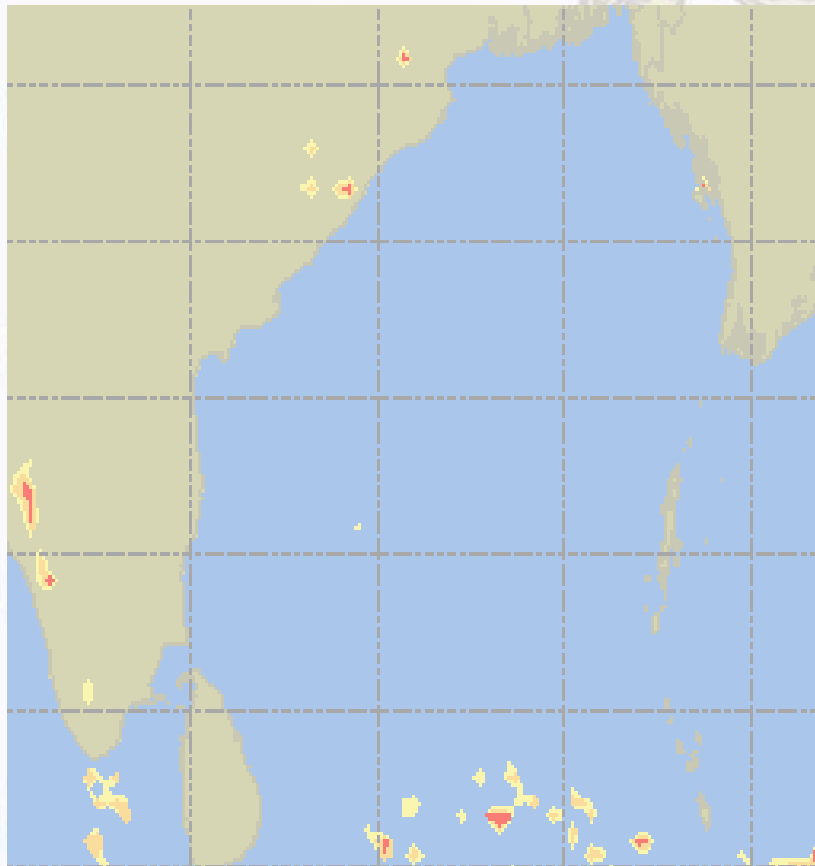




# Visibility at Sea Forecast – 29 & 30 Apr - 2020

29 Apr 2020 Wednesday

30 Apr 2020 Thursday



**Visibility Scale:**

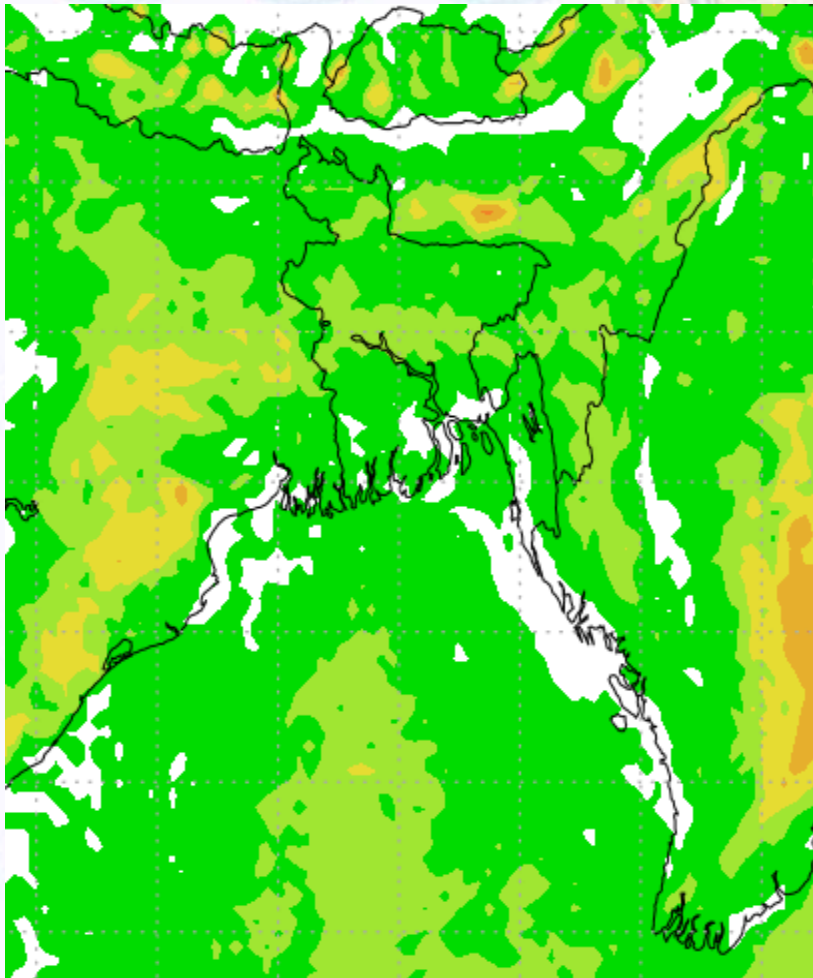


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

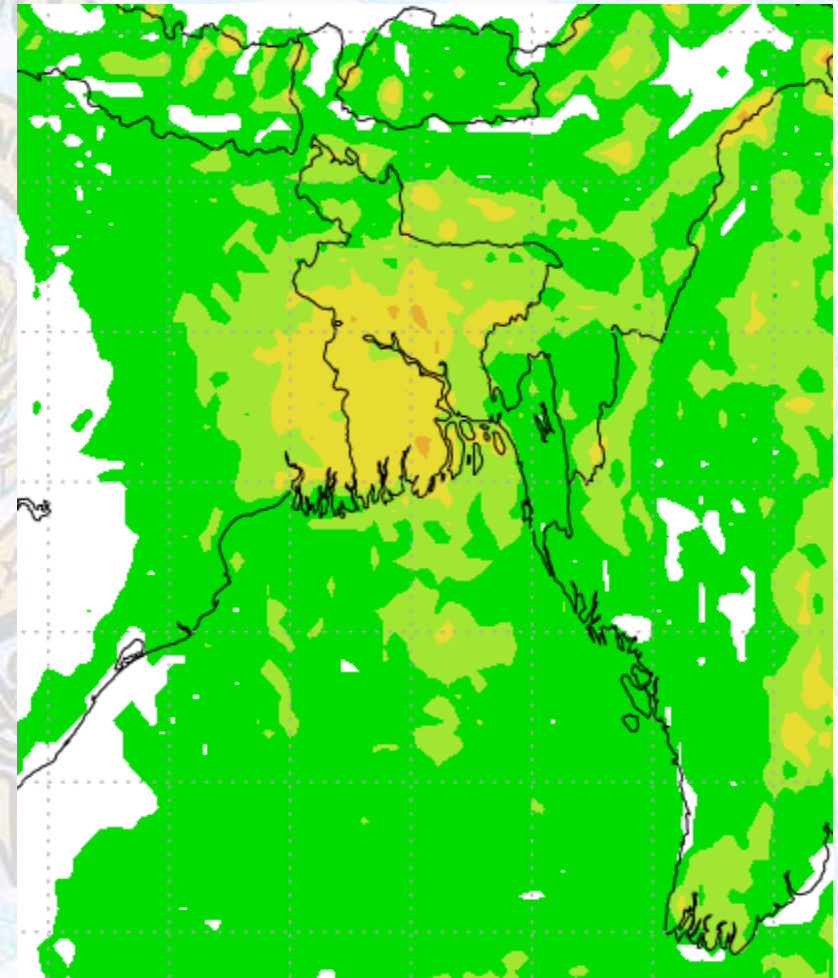


# Precipitation

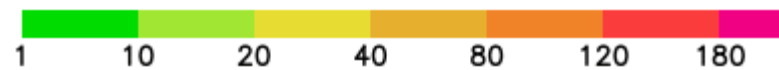
Rain(mm) 29 & 30 Apr 2020



Rain(mm) 30 Apr & 01 May 2020



**Precipitation Scale (mm):**





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

<b>29 Apr 2020</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0420	3.87		0203	2.68		0147	2.45
	1038	0.98		0822	0.79		0755	0.93
	1645	4.17		1434	2.90		1418	2.71
	2326	1.15		2102	0.89		2052	1.17
<b>30 Apr 2020</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0525	3.66		0256	2.52		0243	2.34
	1139	1.26		0913	0.96		0851	1.11
	1758	4.00		1533	2.77		1522	2.62
	-	-		2203	1.03		2207	1.24
<b>01 May 2020</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0042	1.28		0406	2.43		0154	2.68
	0647	3.58		1024	1.10		0828	0.89
	1302	1.44		1649	2.71		1427	2.39
	1922	3.97		2328	1.08		2025	1.08