



# WEATHER FORECAST FOR BN

*16-19 MAY 2020*





# WEATHER FORECAST – DHAKA

## 16.05.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	34 / 24	34 / 26	30 / 26	29 / 25
Wind	12 km/h SSW	11 km/h S	11 km/h SSE	9 km/h SSE
Humidity	57%	60%	77%	83%
Chance of Precip	9%	30%	24%	14%
Cloud Cover	33%	35%	24%	11%
Conditions	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sunrise Sunset	5: 17 AM 6: 35 PM			

### Conditions

Pressure : 1004 hpa

Visibility : 4.02 km

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



# WEATHER FORECAST – CHATTOGRAM

## 16.05.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	33 / 25	32 / 26	30 / 27	29 / 27
Wind	10 km/h SW	14 km/h SW	9 km/h SW	5 km/h SSW
Humidity	65%	71%	84%	94%
Chance of Precip.	1%	2%	5%	7%
Cloud Cover	22%	5%	8%	15%
Conditions	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sunrise Sunset	5: 13 AM 6: 27 PM			

### Conditions

Pressure : 1005 hpa

Visibility : 11.27 Km

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



# WEATHER FORECAST – KHULNA

## 16.05.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	36 / 26	35 / 26	31 / 26	29 / 27
Wind	16 km/h SSW	17 km/h SSW	16 km/h SSW	12 km/h SSW
Humidity	58%	62%	75%	86%
Chance of Precip.	13%	21%	4%	5%
Cloud Cover	20%	28%	11%	21%
Conditions	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sunrise Sunset	5: 23 AM 6: 37 PM			

### Conditions

Pressure : 1004 hpa

Visibility : 16.09 Km

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



# GENERAL WEATHER FORECAST – DHAKA

Description	17 May 2020	18 May 2020	19 May 2020
<b>Temperature (C)</b>	36°C/ 26°C	35°C/ 28°C	31°C/ 26°C
<b>Summary</b>	Partly Cloudy/Sunny	Partly Cloudy/Sunny	Partly Cloudy/Sunny
<b>Sun Rise/Set</b>	5h13m36s/18h34m24s	5h14m24s/18h35m48s	5h14m06s/18h36m12s
<b>Day Length</b>	13h19m48s	13h21m24s	13h22m06s
<b>Moon Rise/ Set</b>	02:10AM 02:04PM	02:42AM 02:53PM	03:14AM 03:43PM
<b>Moon Phase/ illu</b>	Wanning Crescent 22%	Wanning Crescent 15%	Wanning Crescent 8%
<b>NauticalTwilight</b>	0422,1927	0421,1929	0420,1929
<b>Civil Twilight</b>	0451,1858	0450,1859	0449,1900
<b>Humidity</b>	D : 66% N : 80%	D : 64% N : 78%	D : 75% N : 83%
<b>Barometer (mb)</b>	1003	1002	1001
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	20%	10%	50%
<b>Wind (mph)</b>	11 Km/h SSE	10 Km/h SE	15 Km/h E

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



# GENERAL WEATHER FORECAST– CHATTOGRAM

Description	17 May 2020	18 May 2020	19 May 2020
<b>Temperature (C)</b>	33°C/ 26°C	33°C/ 27°C	32°C/ 27°C
<b>Summary</b>	Partly Cloudy/Sunny	Partly Cloudy/Sunny	Partly Cloudy/Sunny
<b>Sun Rise/Set</b>	5h10m24s/18h26m06s	5h11m18s/18h27m18s	5h11m00s/18h27m42s
<b>Day Length</b>	13h15m42s	13h16m00s	13h16m42s
<b>Moon Rise/ Set</b>	02:10AM 02:04PM	02:36AM 02:47PM	03:08AM 03:37PM
<b>Moon Phase/ illu</b>	Wanning Crescent 22%	Wanning Crescent 15%	Wanning Crescent 8%
<b>NauticalTwilight</b>	0420, 1918	0418, 1919	0418, 1920
<b>Civil Twilight</b>	0448, 1849	0447, 1851	0447, 1851
<b>Humidity</b>	D : 73% N : 89%	D : 74% N : 90%	D : 79% N : 90%
<b>Barometer (mb)</b>	1005	1004	1002
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	10%	20%	80%
<b>Wind (mph)</b>	14 Km/h SW	14 Km/h SSW	17 Km/h SE

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



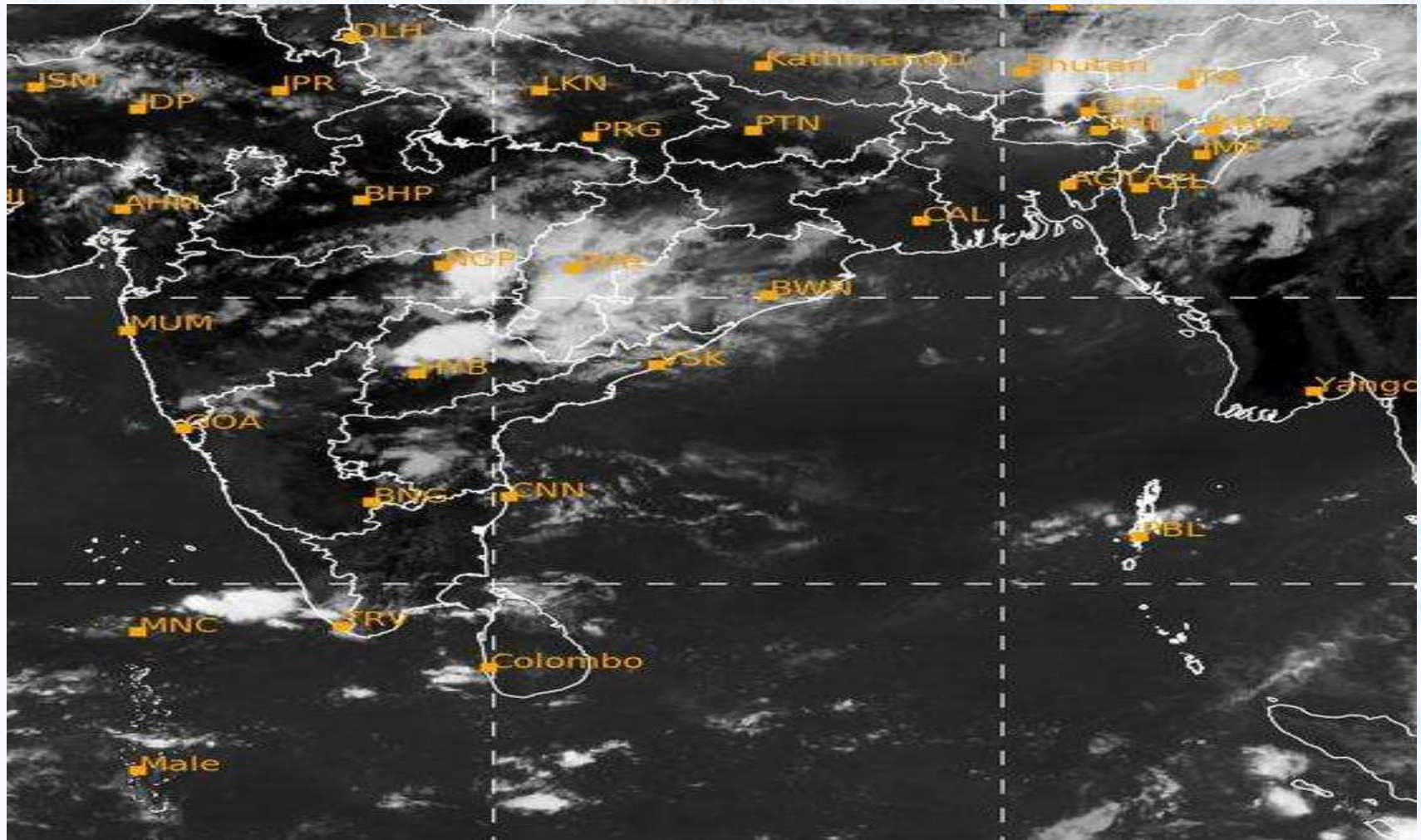
# GENERAL WEATHER FORECAST – KHULNA

Description	17 May 2020	18 May 2020	19 May 2020
<b>Temperature(C)</b>	36°C/ 26°C	35°C/ 27°C	30°C/ 26°C
<b>Summary</b>	Partly cloudy /Sunny	Partly cloudy /Sunny	Partly cloudy /Sunny
<b>Sun Rise/Set</b>	5h18m36s/18h36m06s	5h19m30s/18h37m24s	5h19m12s/18h37m48s
<b>Day Length</b>	13h15m30s	13h17m54s	13h18m36s
<b>Moon Rise/Set</b>	02:10AM 02:04PM	02:46AM 02:58PM	03:18AM 03:47PM
<b>Moon Phase/illu</b>	Wanning Crescent 22%	Wanning Crescent 15%	Wanning Crescent 8%
<b>NauticalTwilight</b>	0428, 1928	0426, 1930	0426, 1930
<b>Civil Twilight</b>	0457, 1859	0455, 1901	0455, 1901
<b>Humidity</b>	D : 68% N : 85%	D : 69% N : 85%	D : 90% N : 92%
<b>Barometer (mb)</b>	1003	1002	1000
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	10%	10%	80%
<b>Wind (mph)</b>	15 km/h S	15 km/h SE	23 km/h E

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



# SATELLITE VIEW OF BAY OF BENGAL



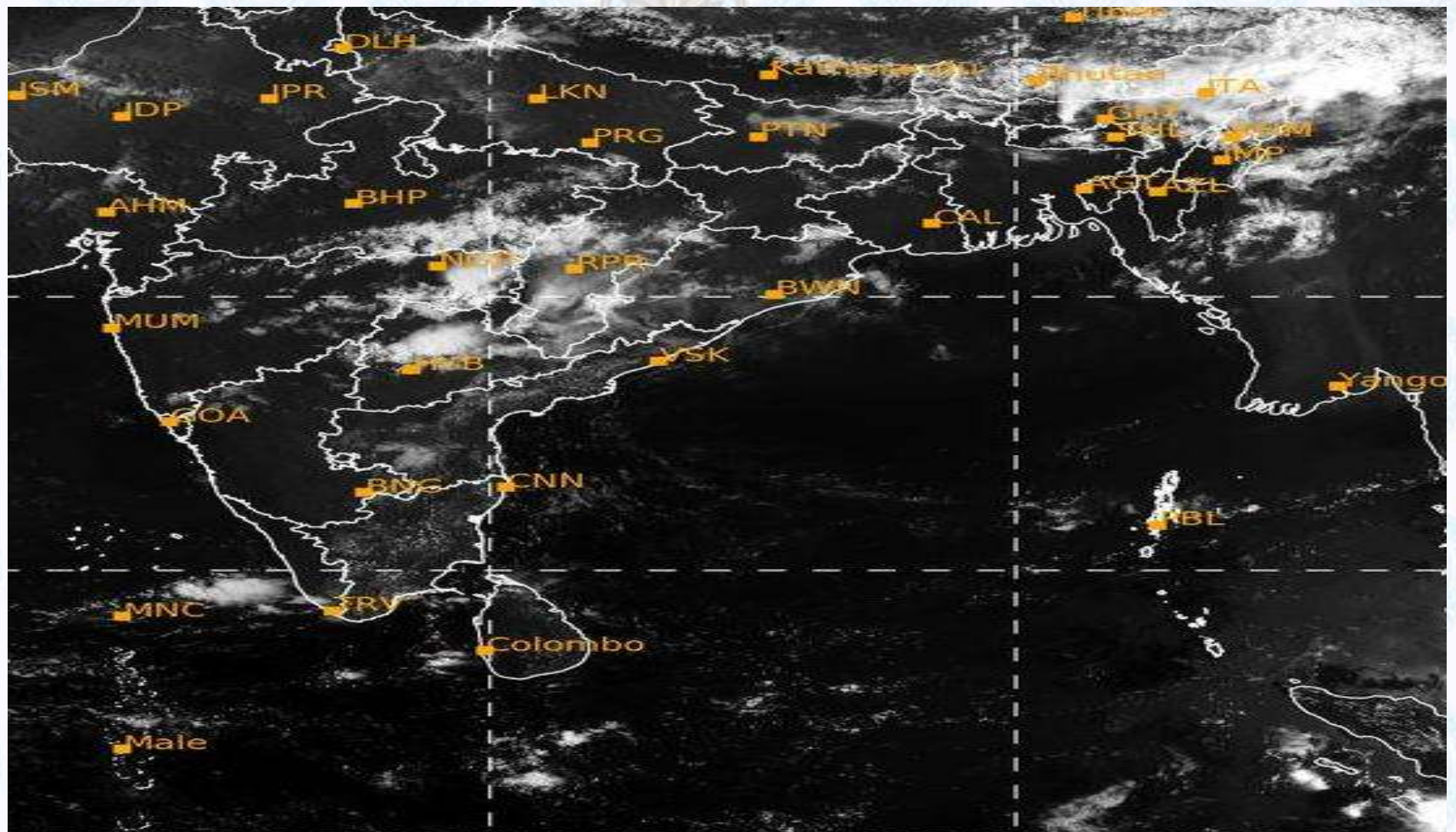
16/05/2020, 12:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



16/05/2020, 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 16.05.2020)

<b>Part One</b>	NO STORM WARNING.	
<b>Part Two</b>	THE DEPRESSION OVER SOUTH-EAST BAY AND ADJOINING ANDAMAN SEA MOVED SLIGHTLY WEST-NORTHWESTWARDS AND NOW LIES OVER SOUTHEAST BAY AND ADJOINING AREA AND WAS CENTRED AT 16,0000 UTC WITH IN A HALF A DEGREE OF LAT 10.8 ° N AND LONG 87.9 ° E (R) LAT 10.8 ° N AND LONG 87.9 ° E. IT IS LIKELY TO INTENSIFY FURTHER AND MOVE IN A NORTHWESTERLY DIRECTION.	
<b>Part Three</b>	Weather	TEMPORARY RAIN/T.SHOWERS OVER AREA C-90.
	Wind	SOUTH-WEST/SOUTHERLY, 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 =16,0000 UTC. CHATTOGRAM =1008 HPA



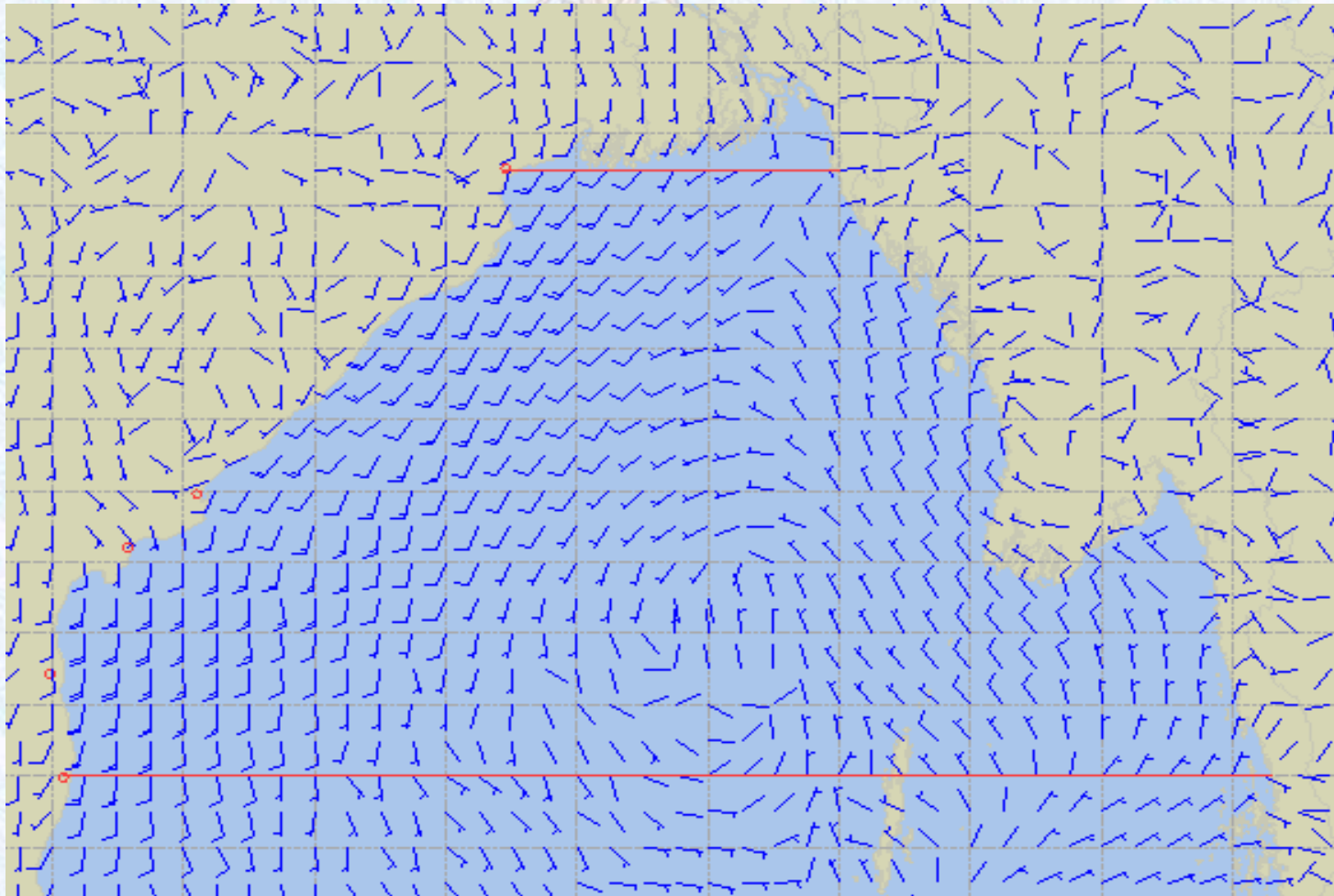
## Inland River Port Warning (VALID TILL 07 PM OF 16.05.2020)

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 AND SYLHET WHEREIN RIVERPORTS SHALL HOIST CAUTIONARY SIGNAL NO. **ONE (R) ONE**.

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



# Surface Wind Forecast- 17 May - 2020



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



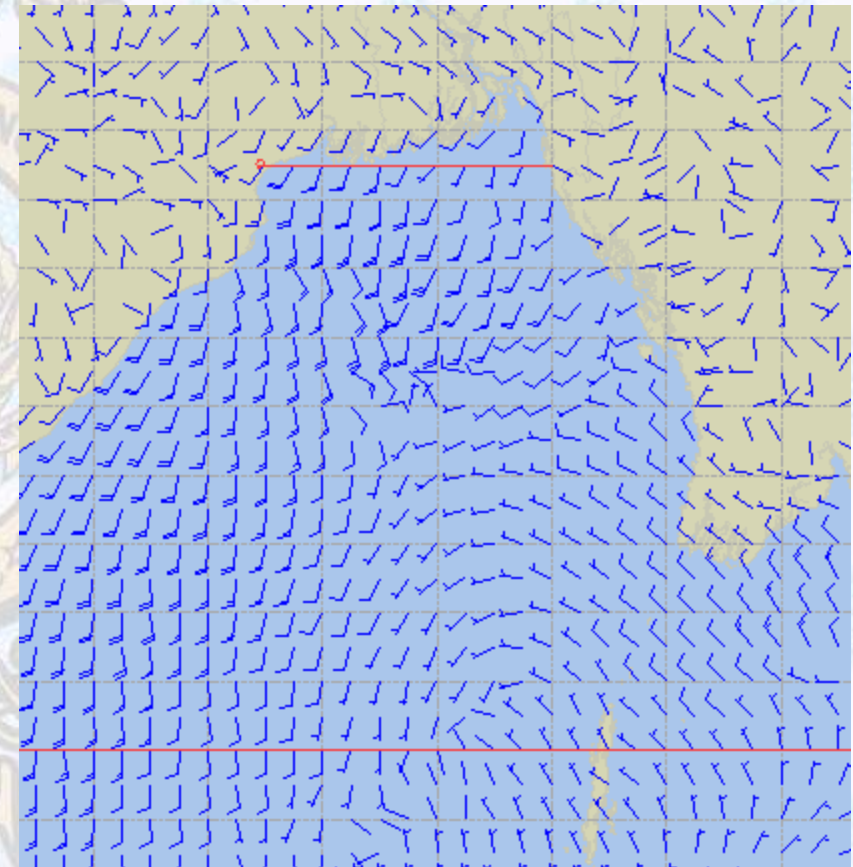
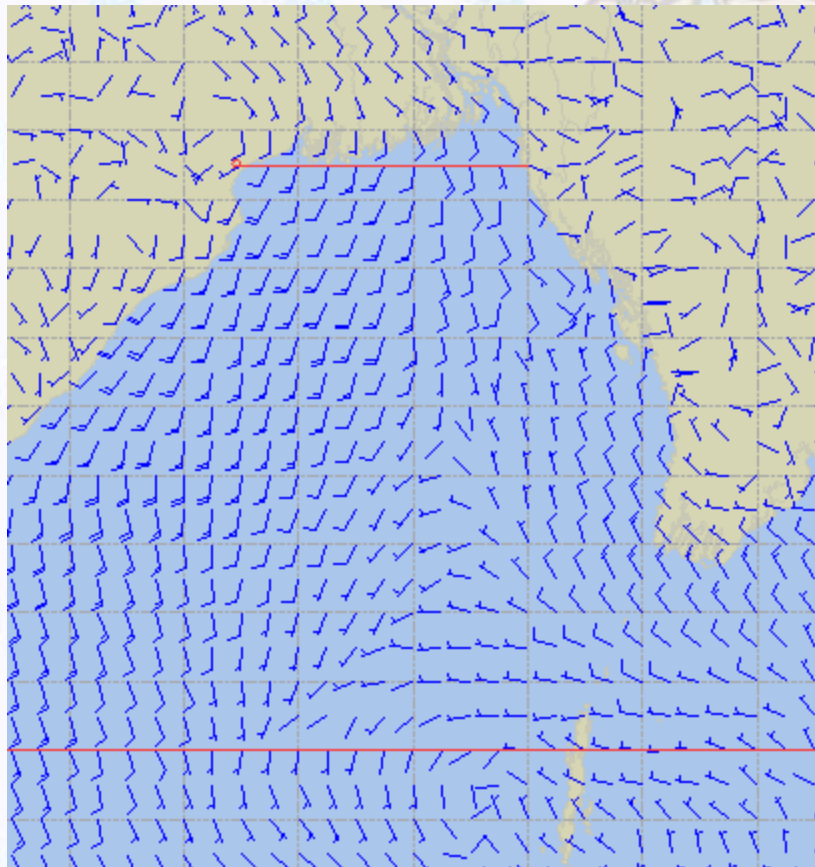
**60 Knots**



# Surface Wind Forecast – 18 & 19 May- 2020

18 May 2020 Monday

19 May 2020 Tuesday



**Legend:**



**Calm  
Winds**



**5 Knots**



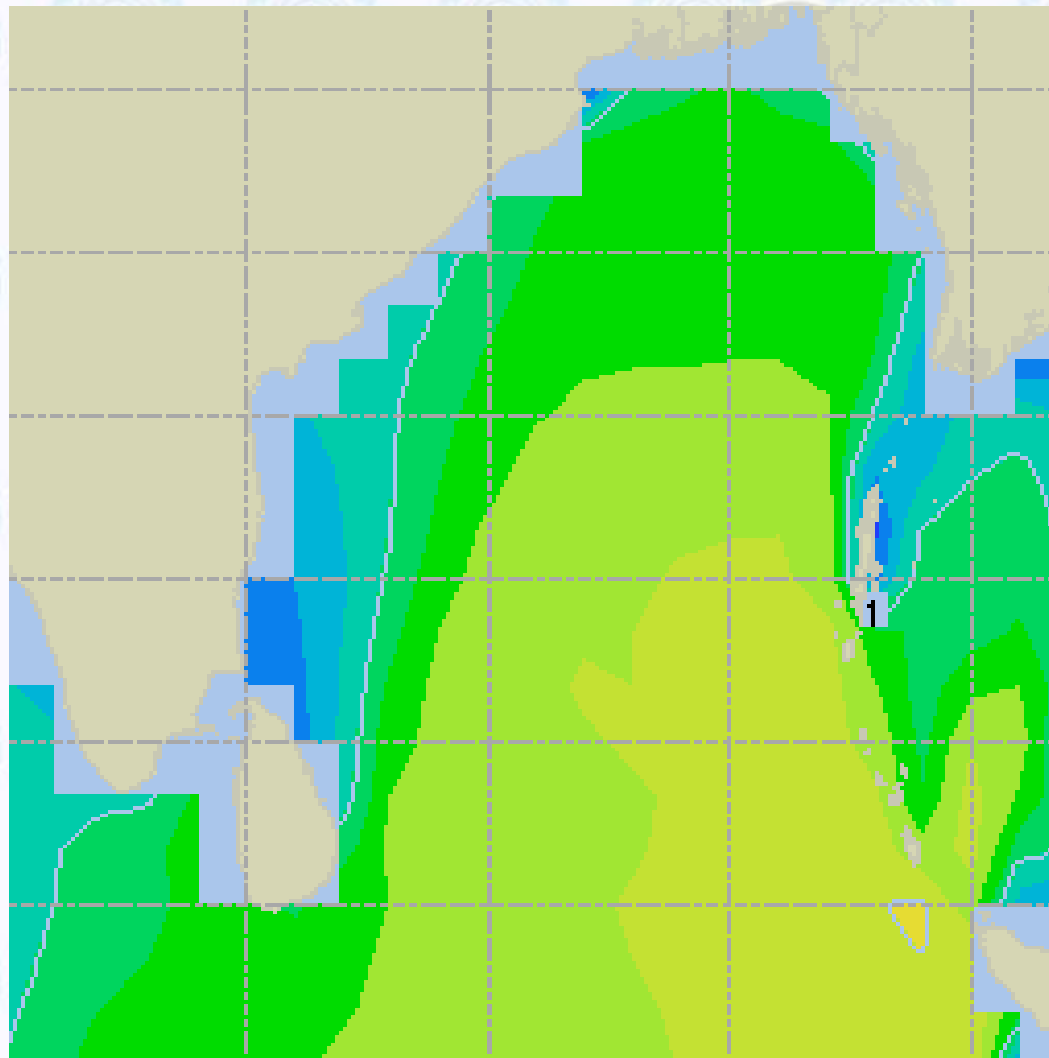
**10 Knots**



**60 Knots**



# Sea State Forecast – 17 May - 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

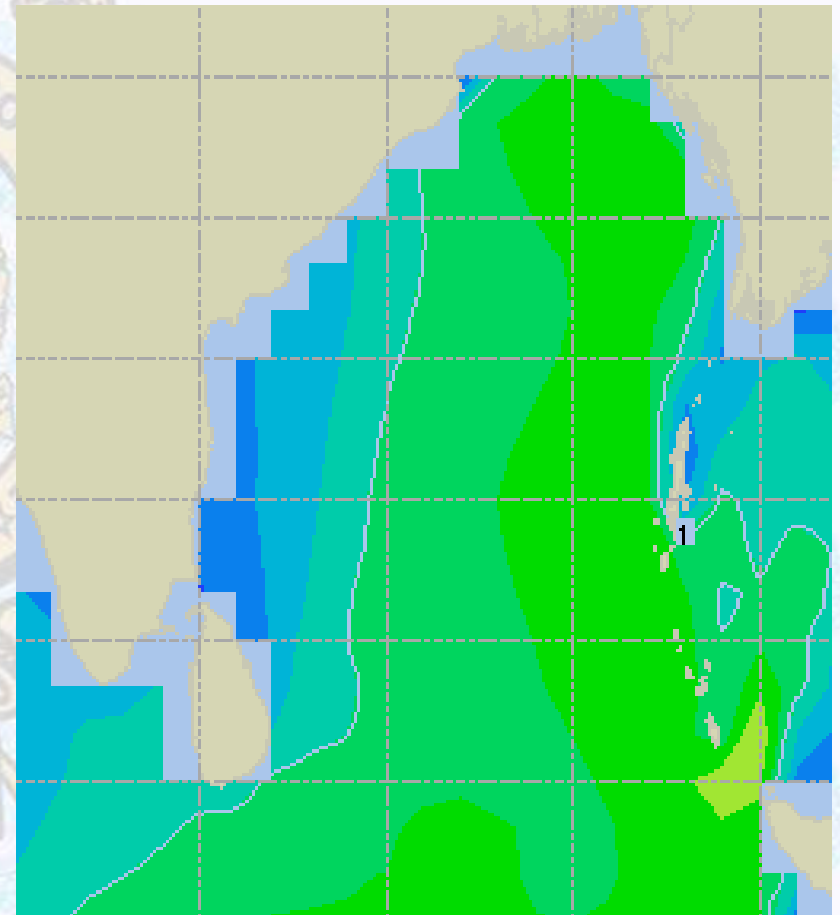
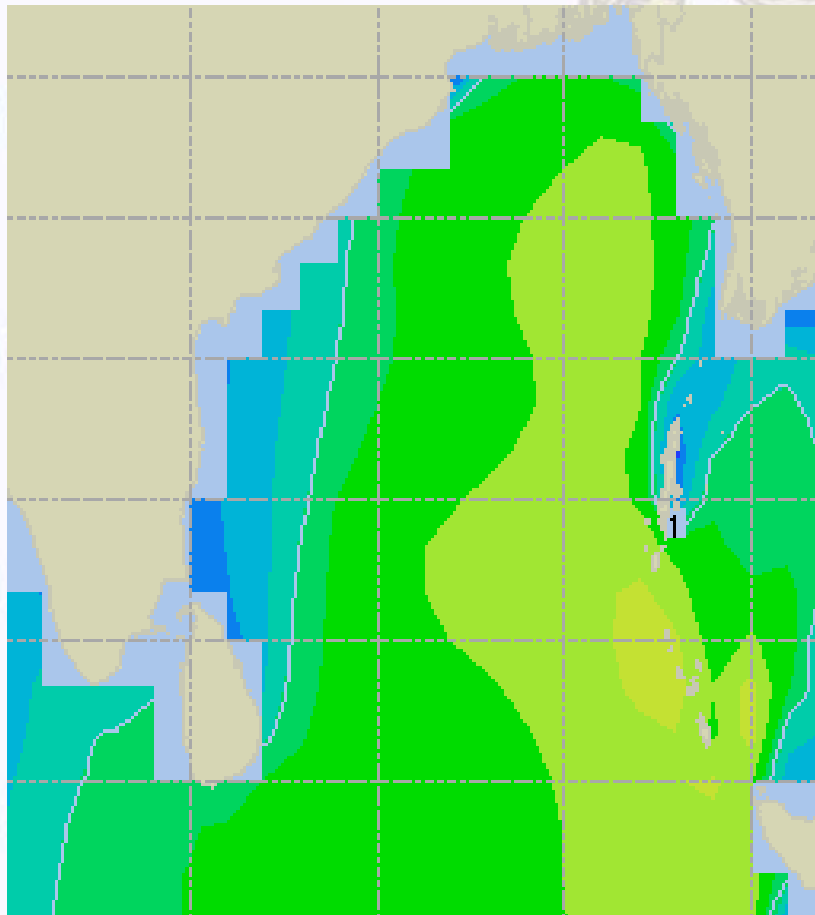




# Sea State Forecast– 18 & 19 May- 2020

18 May 2020 Monday

19 May 2020 Tuesday

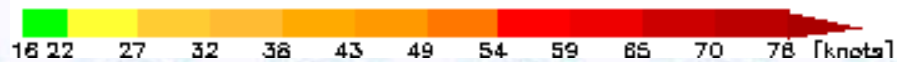
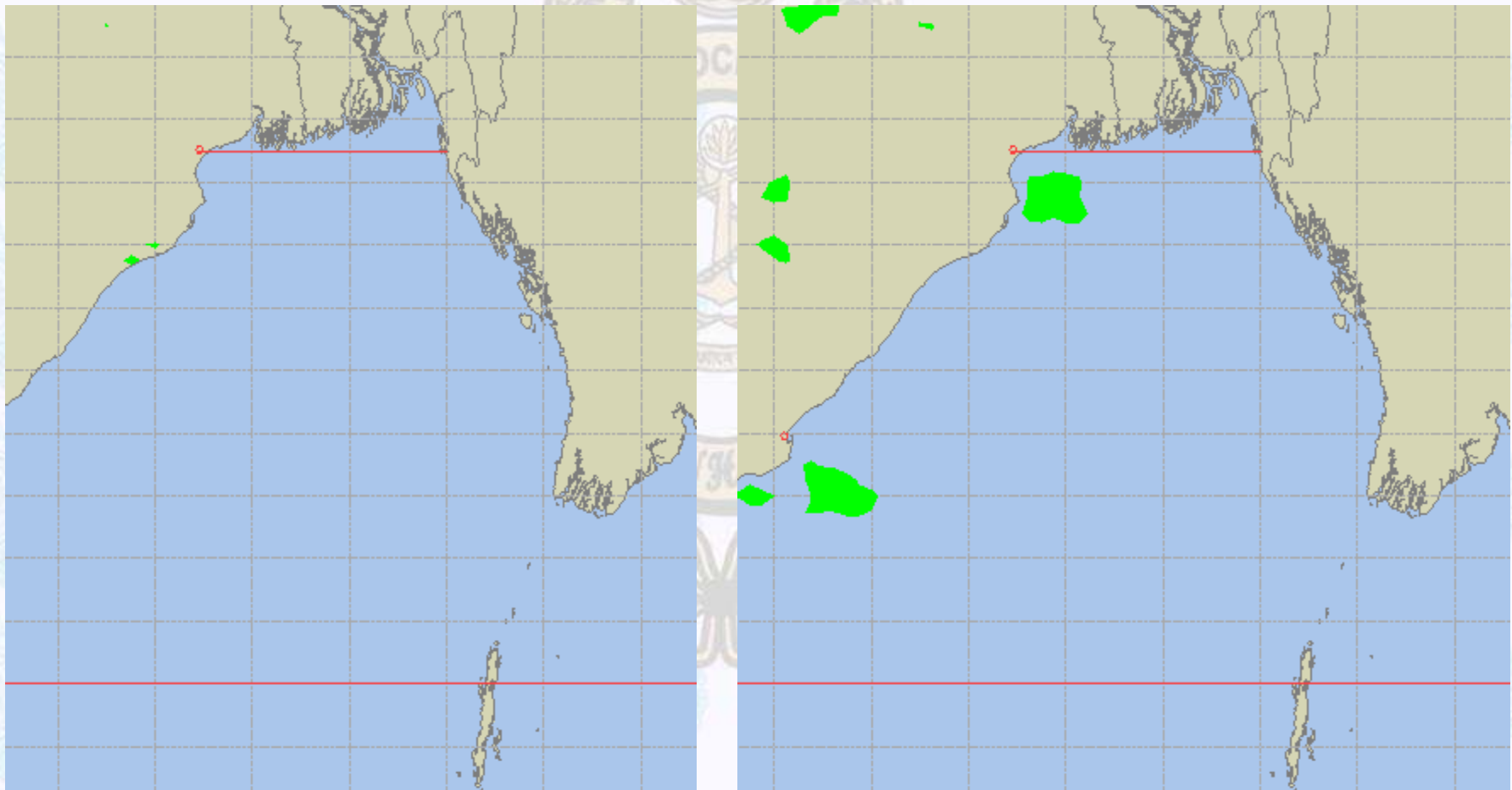




# Peak Gusting Possibilities – 17 & 18 May 2020

17 May 2020 Sunday

18 May 2020 Monday



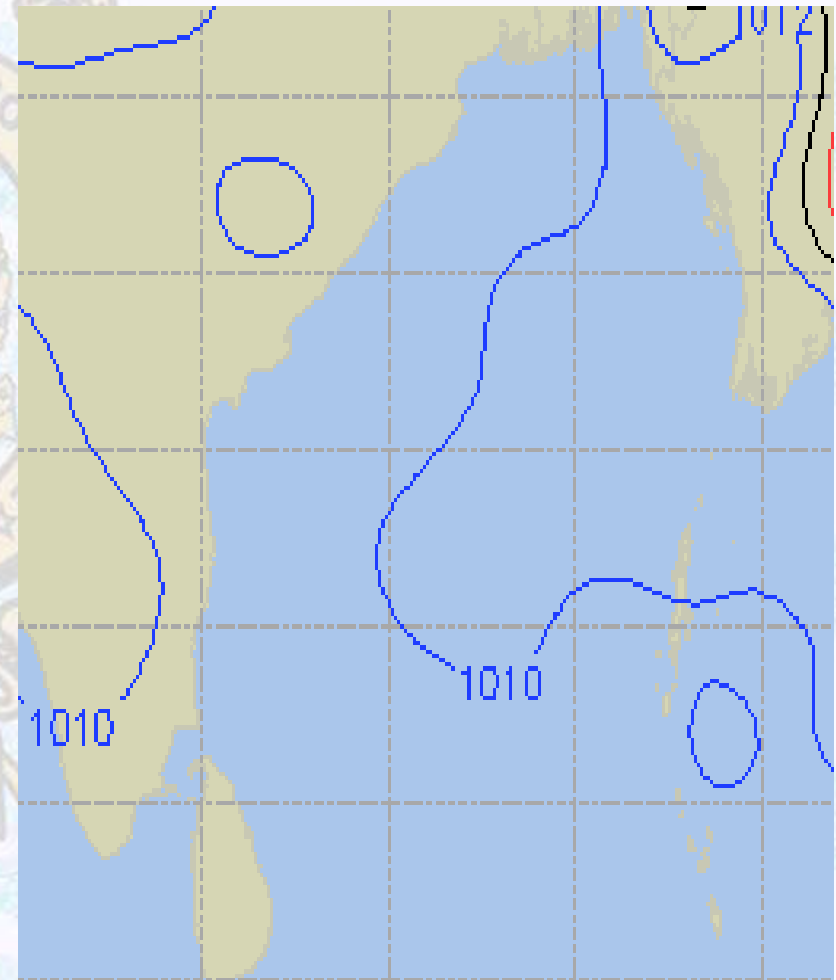
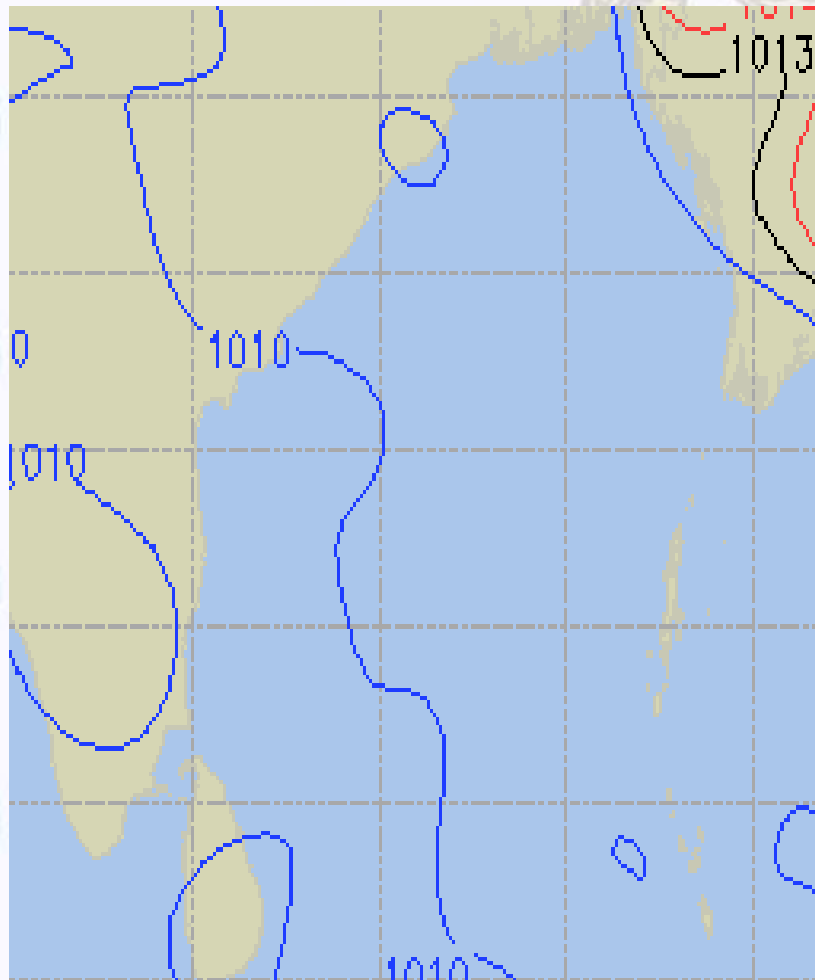




# Surface Pressure forecast – 17 & 18 May 2020

17 May 2020 Sunday

18 May 2020 Monday

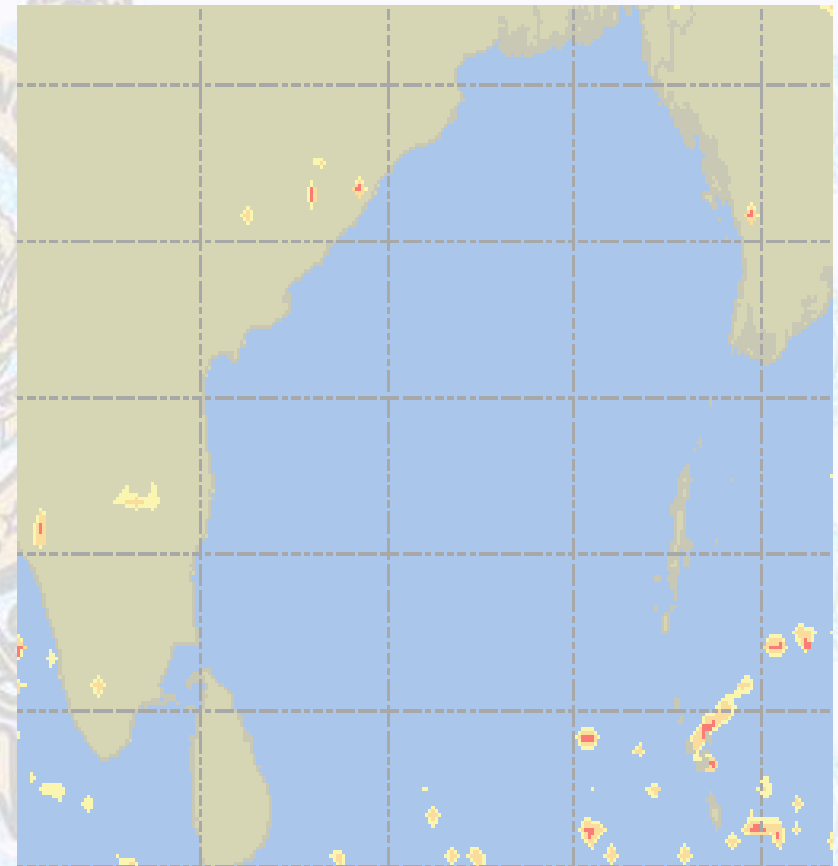
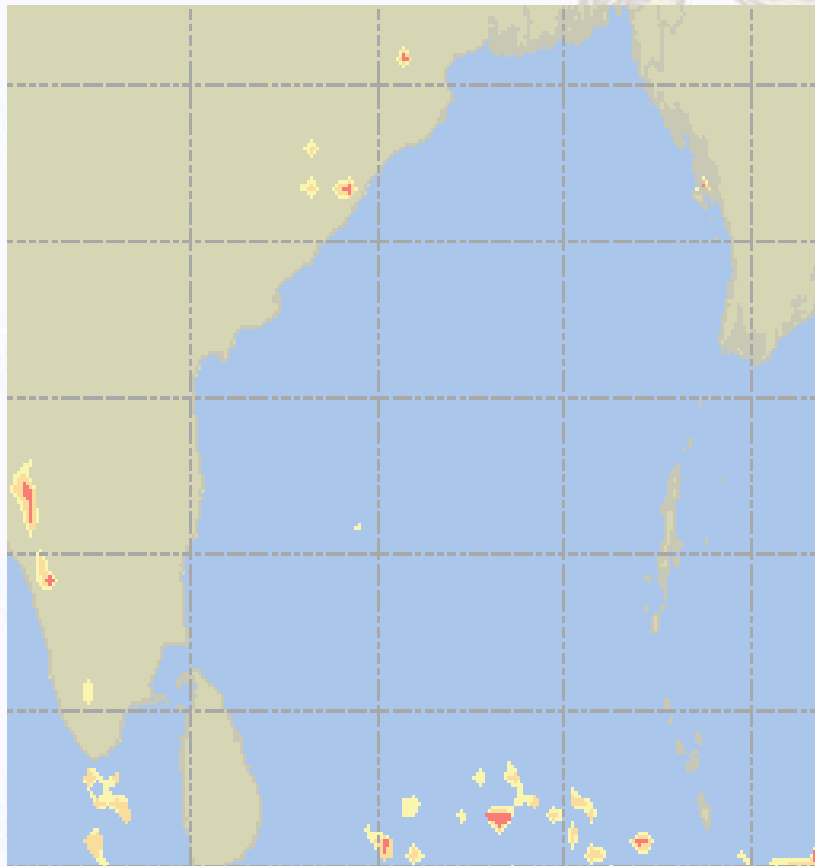




# Visibility at Sea Forecast – 17 & 18 May - 2020

17 May 2020 Sunday

18 May 2020 Monday



**Visibility Scale:**

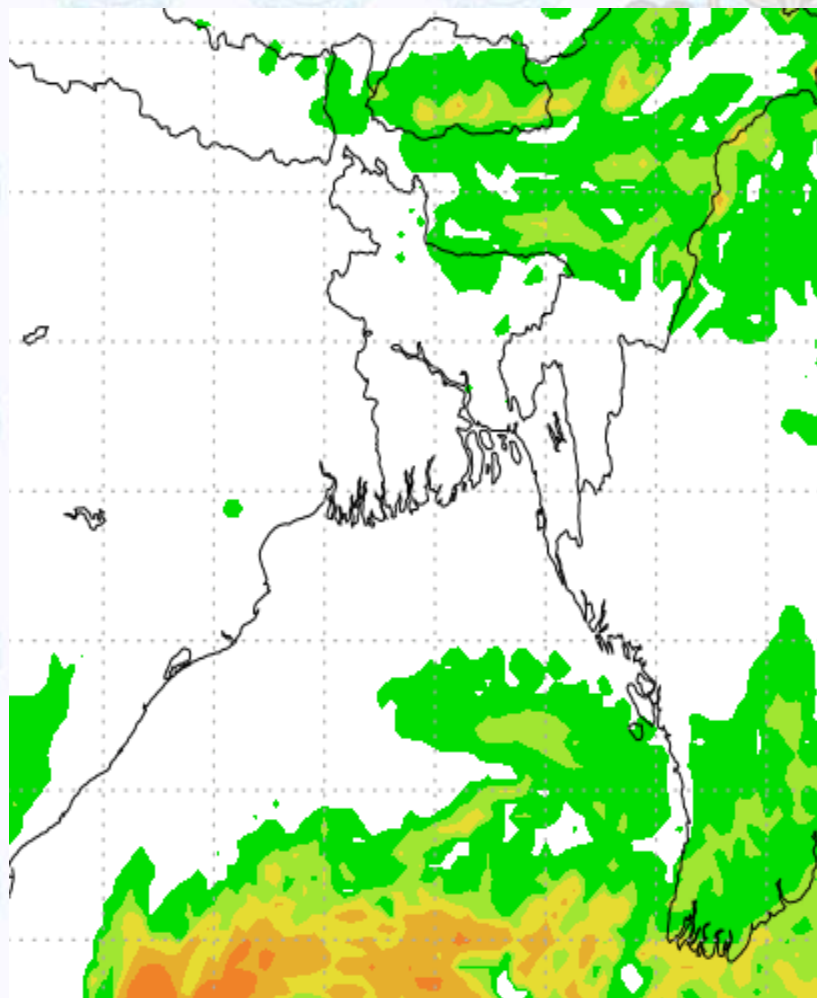


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

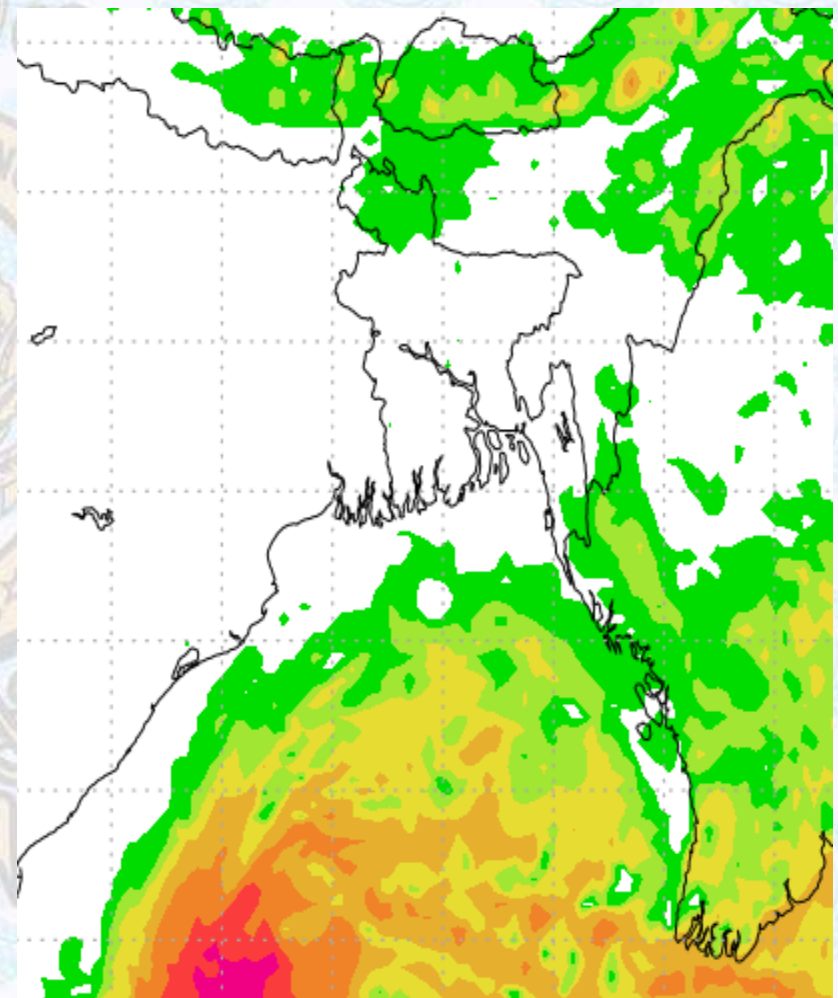


# Precipitation

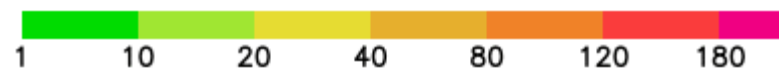
Rain(mm) 17 & 18 May 2020



Rain(mm) 18 & 19 May 2020



**Precipitation Scale (mm):**





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

	Time	Height		Time	Height		Time	Height
		0314		1.25			0110	1.32
17 May 2020	0958	4.07		0717	2.60		0722	2.51
	1613	1.43		1337	1.33		1322	1.42
	2207	4.09		1931	2.70		1924	2.58
	Time	Height		Time	Height		Time	Height
		0433		1.13			0207	1.21
18 May 2020	1045	4.32		0810	2.85		0812	2.69
	1704	1.22		1436	1.21		1418	1.29
	2255	4.24		2022	2.86		2014	2.66
	Time	Height		Time	Height		Time	Height
		0516		1.01			0513	2.48
19 May 2020	1123	4.55		1157	0.75		0850	2.86
	1745	1.03		1804	2.54		1502	1.16
	2333	4.39		-	-		2055	2.73