



# **WEATHER FORECAST FOR BN**

***10 AUG- 13 AUG 2020***



# WEATHER FORECAST – DHAKA

## 10.08.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	33 / 27	32 / 26	30 / 26	29 / 26
Wind	19 km/h SSE	18 km/h SSE	12 km/h SSE	12 km/h SSE
Humidity	69%	72%	78%	82%
Chance of Precip	21%	23%	24%	20%
Cloud Cover	83%	87%	86%	90%
Conditions	Cloudy	Cloudy	Cloudy	Cloudy
Sunrise Sunset	5: 31 AM 6: 35 PM			

### Conditions

Pressure : 1002 hpa

Visibility : 4.02 km

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





# WEATHER FORECAST – CHATTOGRAM

## 10.08.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31 / 27	30 / 27	28 / 27	28 / 27
Wind	20 km/h S	18 km/h S	15 km/h SSE	14 km/h SSE
Humidity	77%	82%	89%	91%
Chance of Precip.	16%	18%	70%	68%
Cloud Cover	89%	87%	87%	94%
Conditions	Cloudy	Cloudy	Cloudy/ Light Rain	Cloudy/ Light Rain
Sunrise Sunset	5: 28 AM 6: 27 PM			

### Conditions

Pressure : 1003 hpa

Visibility : 9.27 Km

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



# WEATHER FORECAST – KHULNA

## 10.08.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	32 / 28	32 / 28	29 / 27	29 / 28
Wind	16 km/h SE	15 km/h SSE	10 km/h SSE	8 km/h SSE
Humidity	82%	82%	90%	92%
Chance of Precip.	22%	21%	18%	19%
Cloud Cover	82%	83%	77%	82%
Conditions	Cloudy	Cloudy	Cloudy	Cloudy
Sunrise Sunset	5: 36 AM 6: 37 PM			

### Conditions

Pressure : 1000 hpa

Visibility : 14.48 Km

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





# GENERAL WEATHER FORECAST – DHAKA

Description	11 August 2020	12 August 2020	13 August 2020
<b>Temperature (C)</b>	32 °C/ 27 °C	32 °C/ 27 °C	33 °C/ 27 °C
<b>Summary</b>	Cloudy/ Light Rain	Cloudy	Cloudy
<b>Sun Rise/Set</b>	5h32m12s/18h34m30s	5h32m36s/18h33m42s	5h32m54s/18h33m06s
<b>Day Length</b>	13h02m18s	13h01m06s	13h00m12s
<b>Moon Rise/ Set</b>	11:23PM 11:51AM	- -	12:01AM 1:37PM
<b>Moon Phase/ illu</b>	Last Quarter, 51%	Last Quarter, 98%	Waning Crescent, 32%
<b>NauticalTwilight</b>	0440,1926	0440,1925	0440,1925
<b>Civil Twilight</b>	0508,1858	0509,1857	0509,1857
<b>Humidity</b>	D : 78% N : 84%	D : 77% N : 83%	D : 75% N : 82%
<b>Barometer (mb)</b>	1003	1001	1001
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	80%	60%	50%
<b>Wind (mph)</b>	17 Km/h SSE	17 Km/h SSE	18 Km/h SE

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



# GENERAL WEATHER FORECAST – CHATTOGRAM

Description	11 August 2020	12 August 2020	13 August 2020
<b>Temperature (C)</b>	30 °C/ 26 °C	30 °C/ 26 °C	32 °C/ 26 °C
<b>Summary</b>	Cloudy/ Light rain	Cloudy	Cloudy
<b>Sun Rise/Set</b>	5h28m30s/18h26m42s	5h28m48s/18h25m54s	5h29m06s/18h25m18s
<b>Day Length</b>	12h58m12s	12h57m06s	12h57m06s
<b>Moon Rise/ Set</b>	11:19PM 11:43AM	11:58PM 12:35AM	- -
<b>Moon Phase/ illu</b>	Last Quarter, 52%	Last Quarter, 42%	Waning Crescent, 95%
<b>Nautical Twilight</b>	0437, 1917	0437, 1917	0437, 1917
<b>Civil Twilight</b>	0505, 1850	0505, 1849	0505, 1849
<b>Humidity</b>	D : 86% N : 92%	D : 85% N : 92%	D : 81% N : 92%
<b>Barometer (mb)</b>	1002	1002	1002
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	80%	60%	60%
<b>Wind (mph)</b>	21 Km/h S	18 Km/h SSE	18 Km/h SSE

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





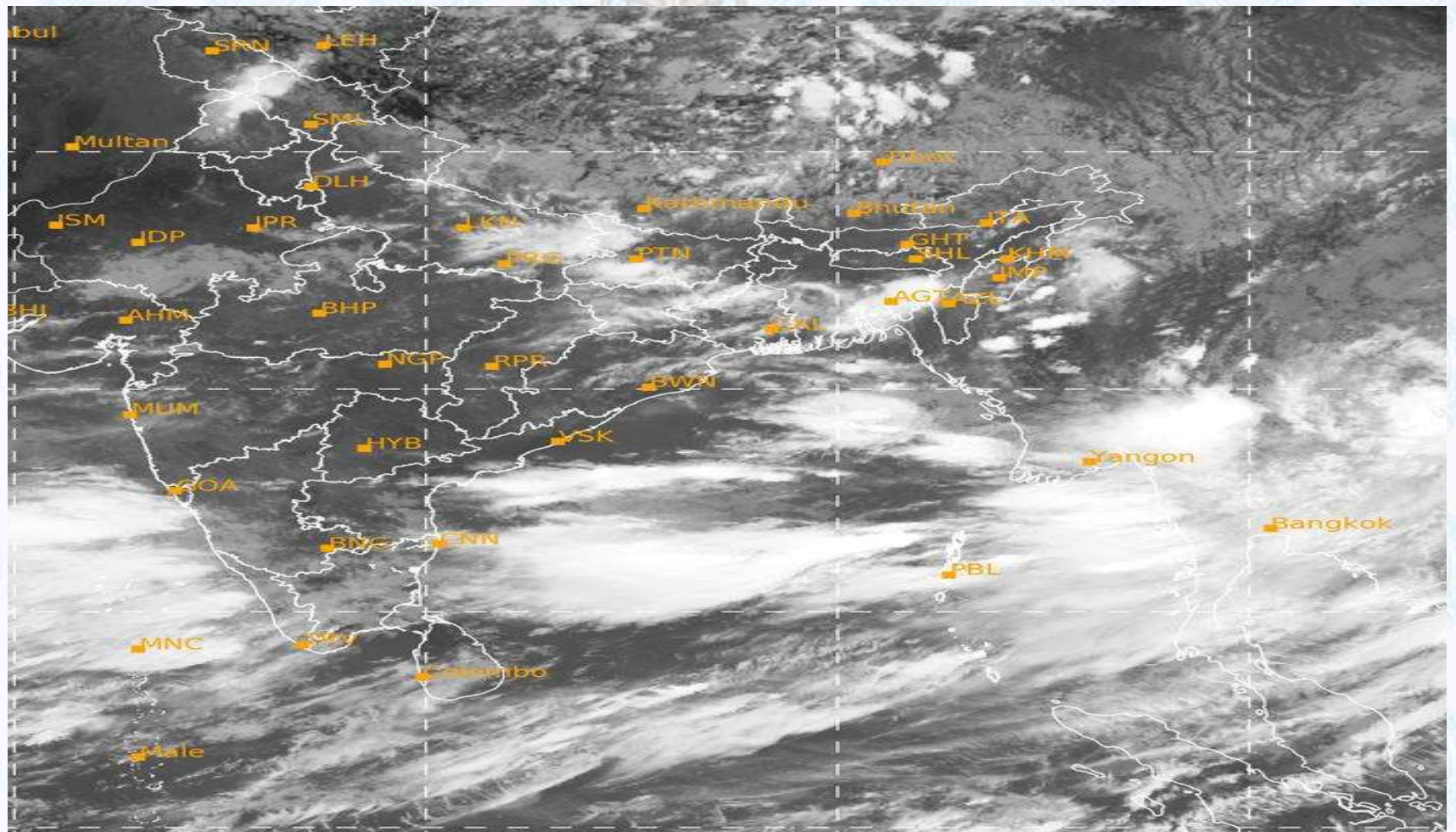
# GENERAL WEATHER FORECAST – KHULNA

Description	11 August 2020	12 August 2020	13 August 2020
<b>Temperature(C)</b>	32°C/ 27°C	32°C/ 27°C	32°C/ 27°C
<b>Summary</b>	Cloudy/ Light rain	Cloudy/ Light rain	Cloudy
<b>Sun Rise/Set</b>	5h36m54s/18h36m36s	5h37m18s/18h35m48s	5h37m36s/18h35m06s
<b>Day Length</b>	12h59m42s	12h58m30s	12h58m30s
<b>Moon Rise/Set</b>	11:29PM 11:54AM	- -	12:07AM 1:39PM
<b>Moon Phase/illu</b>	Last Quarter, 51%	Last Quarter, 99%	Waning Crescent, 32%
<b>Nautical Twilight</b>	0445, 1927	0446, 1927	0446, 1927
<b>Civil Twilight</b>	0513, 1900	0513, 1859	0513, 1859
<b>Humidity</b>	D : 85% N : 86%	D : 84% N : 86%	D : 84% N : 86%
<b>Barometer (mb)</b>	1001	1001	1000
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	60%	80%	60%
<b>Wind (mph)</b>	14 km/h SSE	13 km/h SSE	16 km/h SE

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



# SATELLITE VIEW OF BAY OF BENGAL



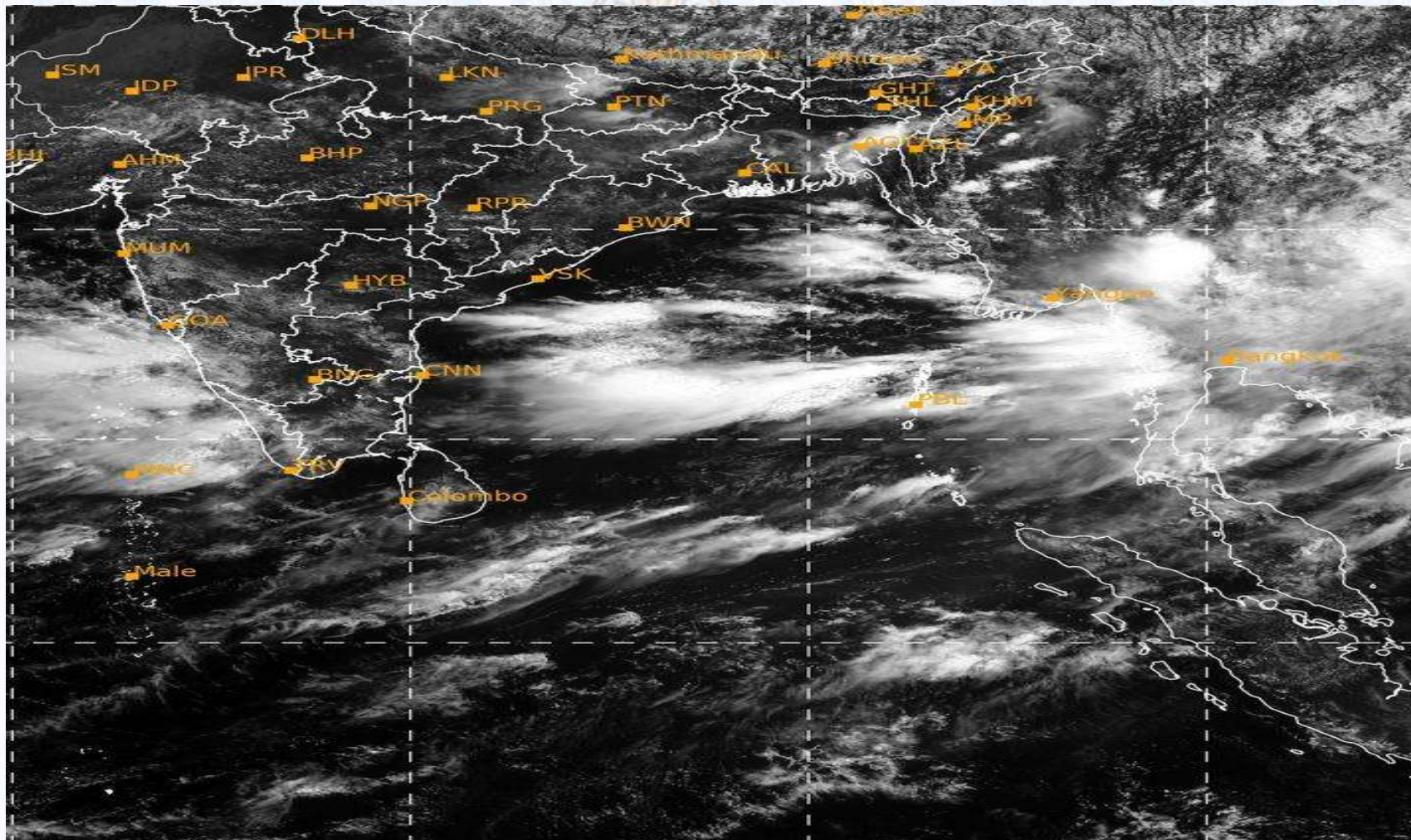
10/08/2020, 11:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



10/08/2020, 11:00 MATSAT-VIS

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



# Fleet Forecast Sea Area C-90 ( Valid for 12 Hrs Commencing 1000 UTC of 10.08.2020)

<b>Part One</b>	NO STORM WARNING.	
<b>Part Two</b>	TROUGH OF LOW LIES OVER NORTH BAY. MONSOON IS WEAK TO MODERATE OVER NORTH BAY.	
<b>Part Three</b>	Weather	TEMPORARY RAIN/THUNDER SHOWERS OVER AREA C-90.
	Wind	SOUTH/SOUTH-WESTERLY, 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 = 0000 UTC. CHATTOGRAM =1002 HPA





# Inland River Port Warning (VALID TILL 06 PM OF 10.08.2020)

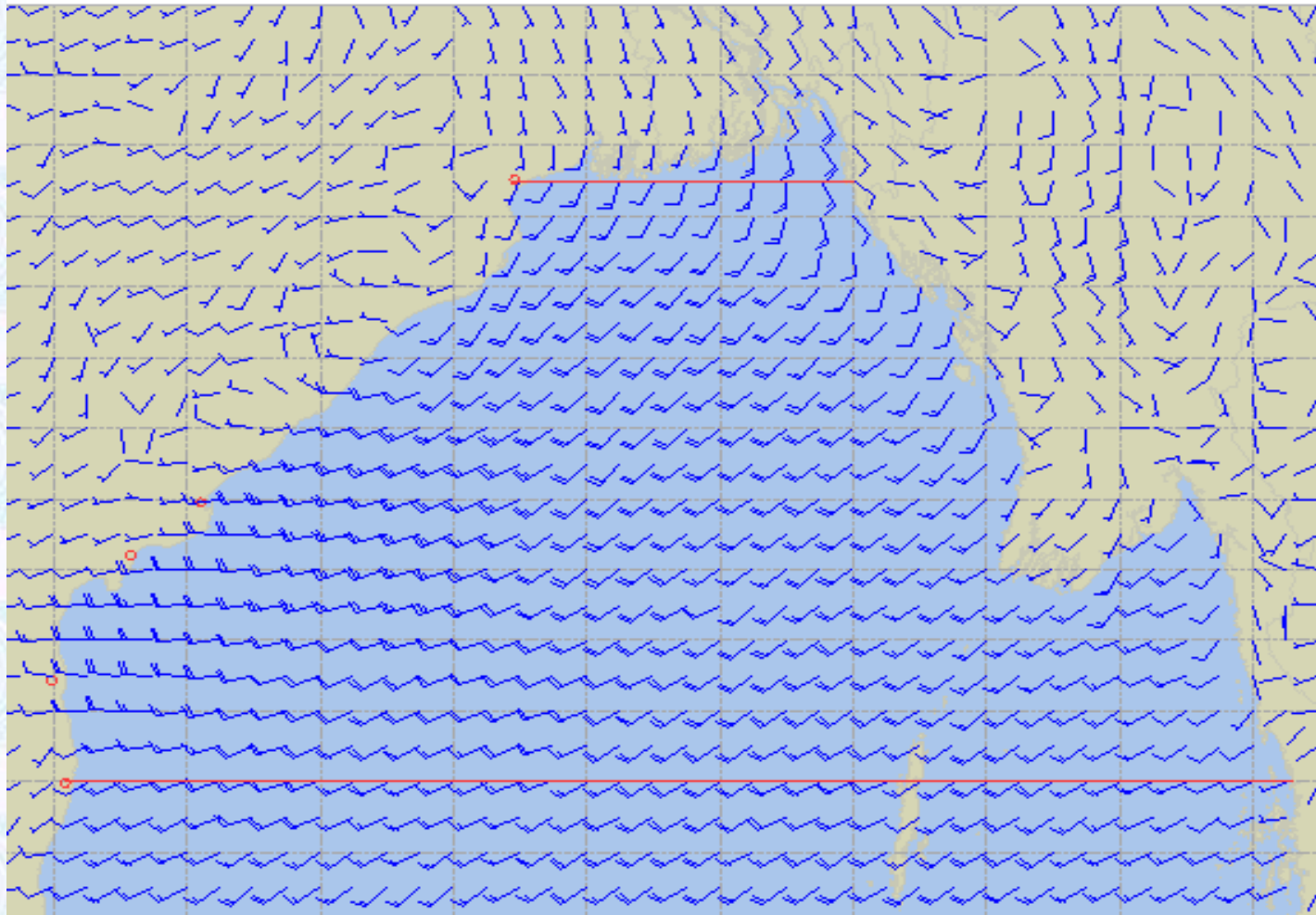
THERE IS NO INLAND RIVERPORTS WARNING AND NO SIGNAL IS TO BE HOISTED.



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



# Surface Wind Forecast- 11 Aug- 2020



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



**60 Knots**

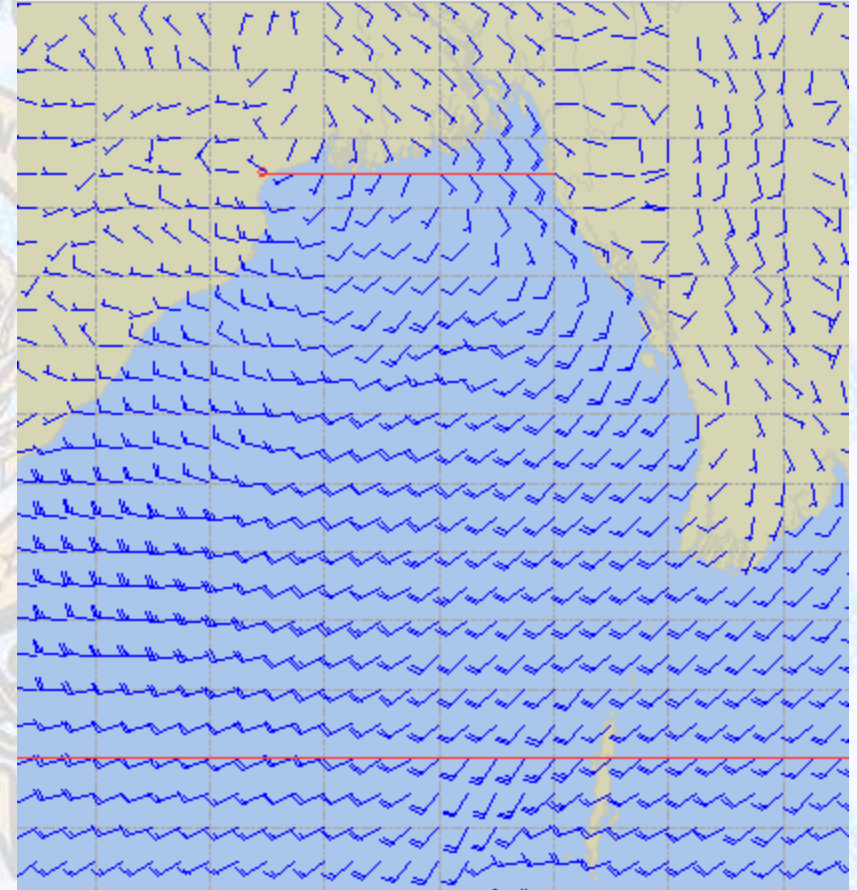
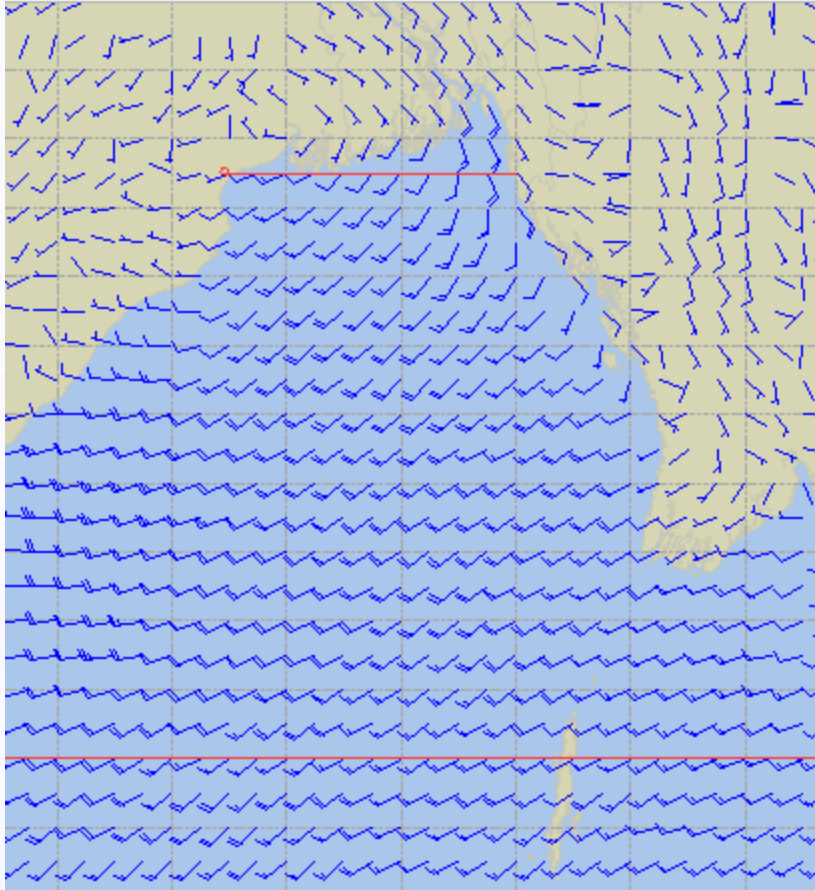




# Surface Wind Forecast – 12 & 13 Aug - 2020

12 August 20 Wednesday

13 August 20 Thursday



**Legend:**



**Calm  
Winds**



**5 Knots**



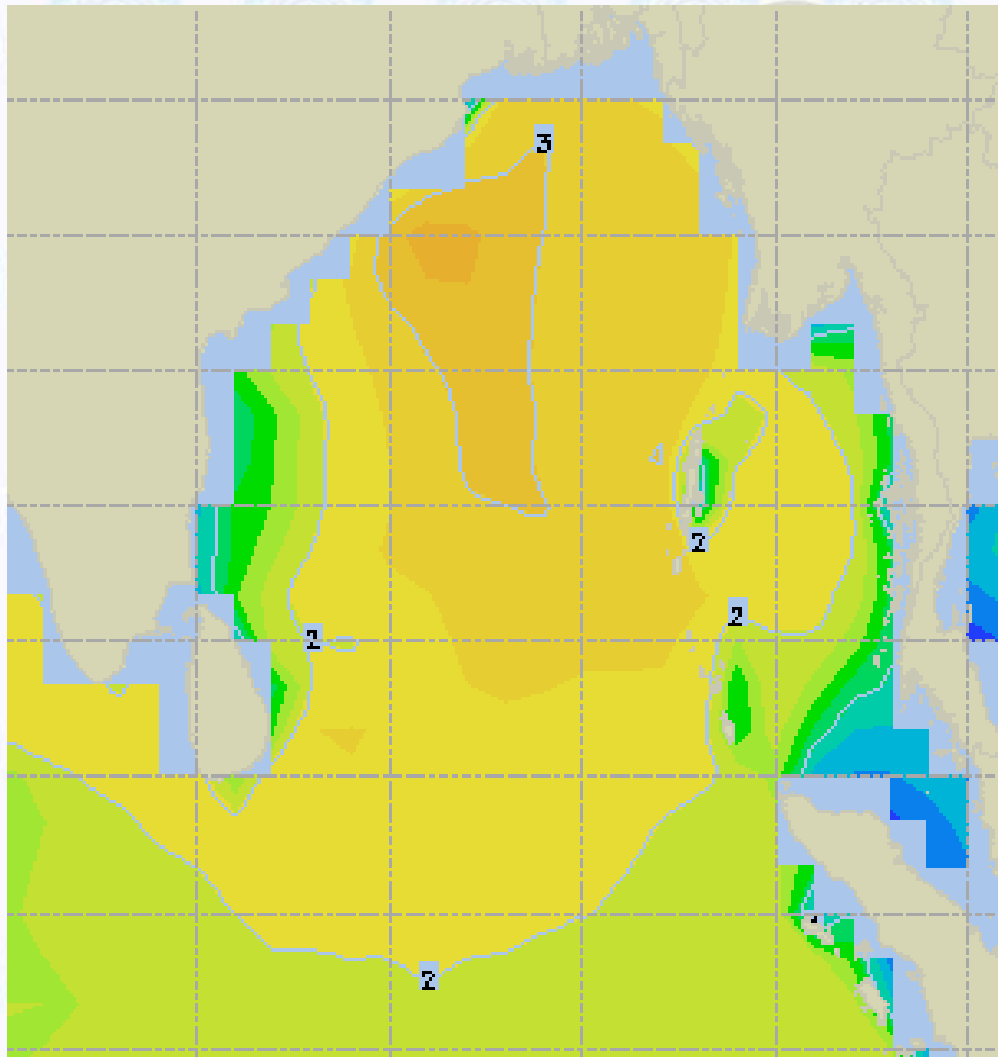
**10 Knots**



**60 Knots**



# Sea State Forecast – 11 Aug- 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



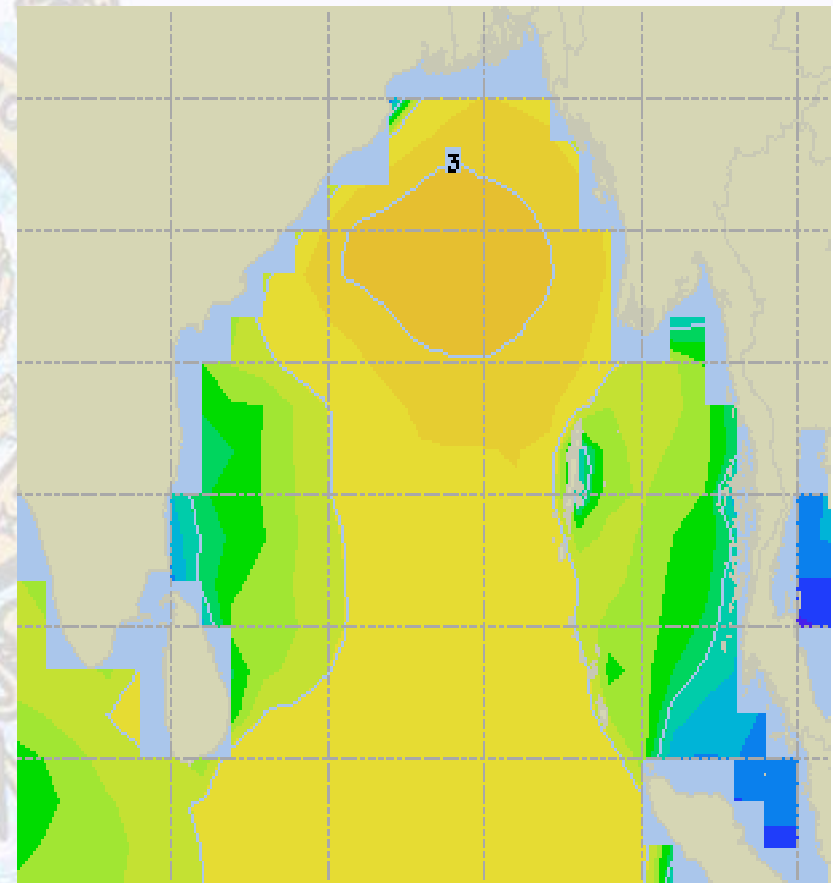
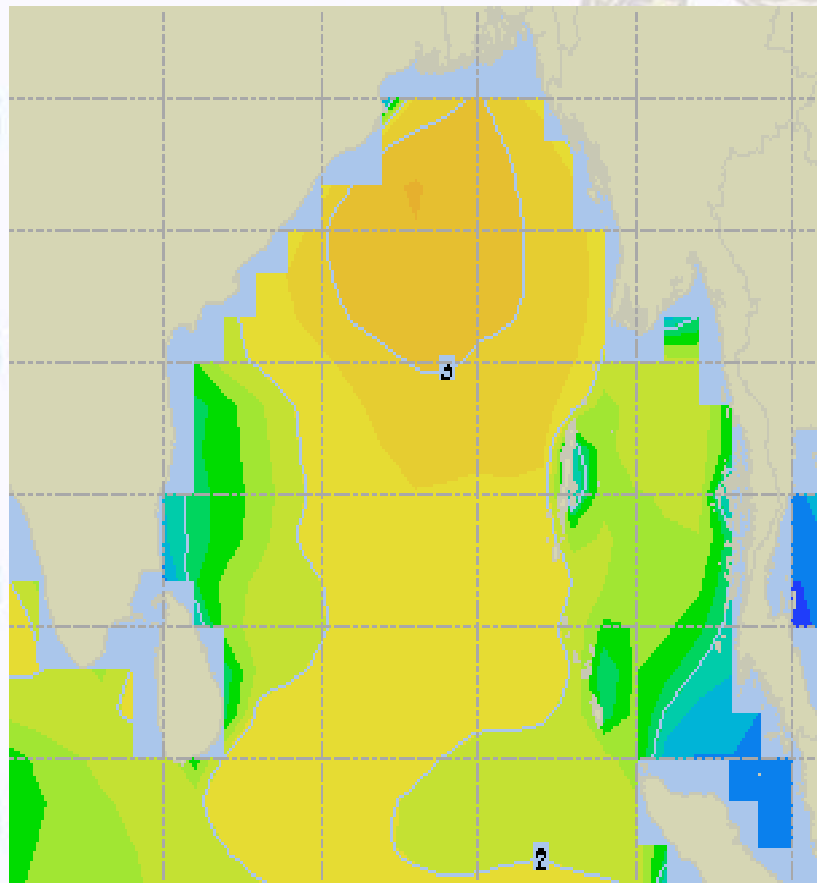




# Sea State Forecast – 12 & 13 Aug - 2020

12 August 20 Wednesday

13 August 20 Thursday

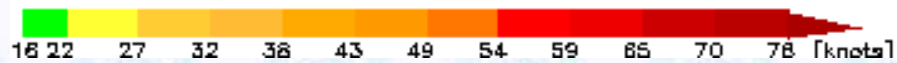
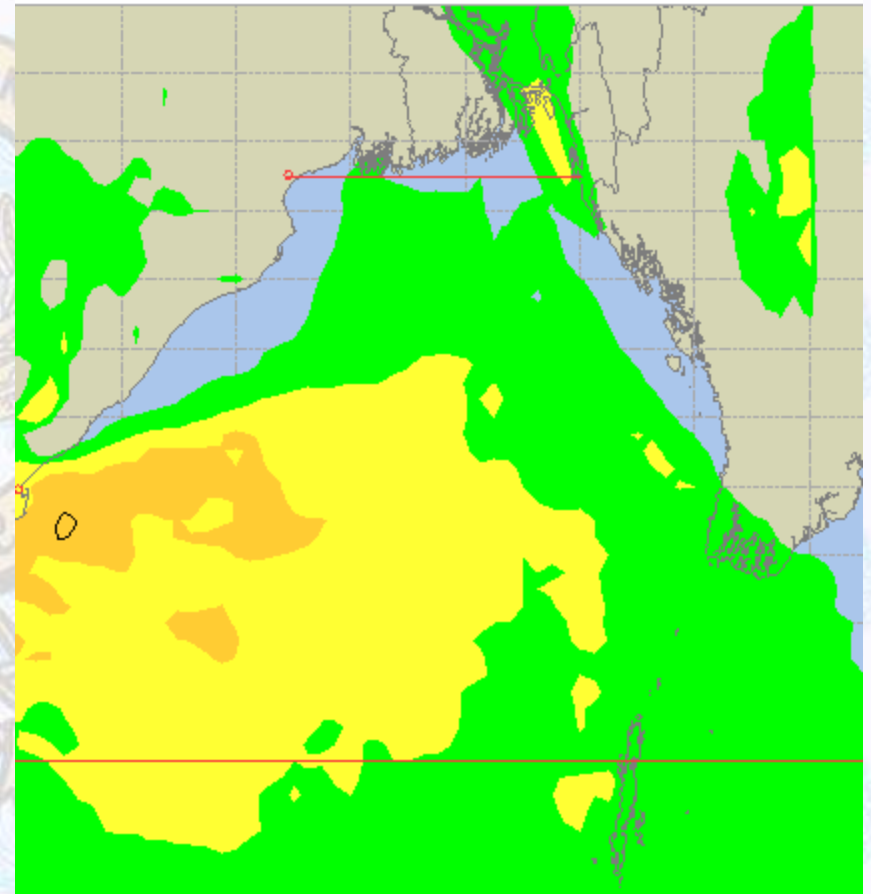
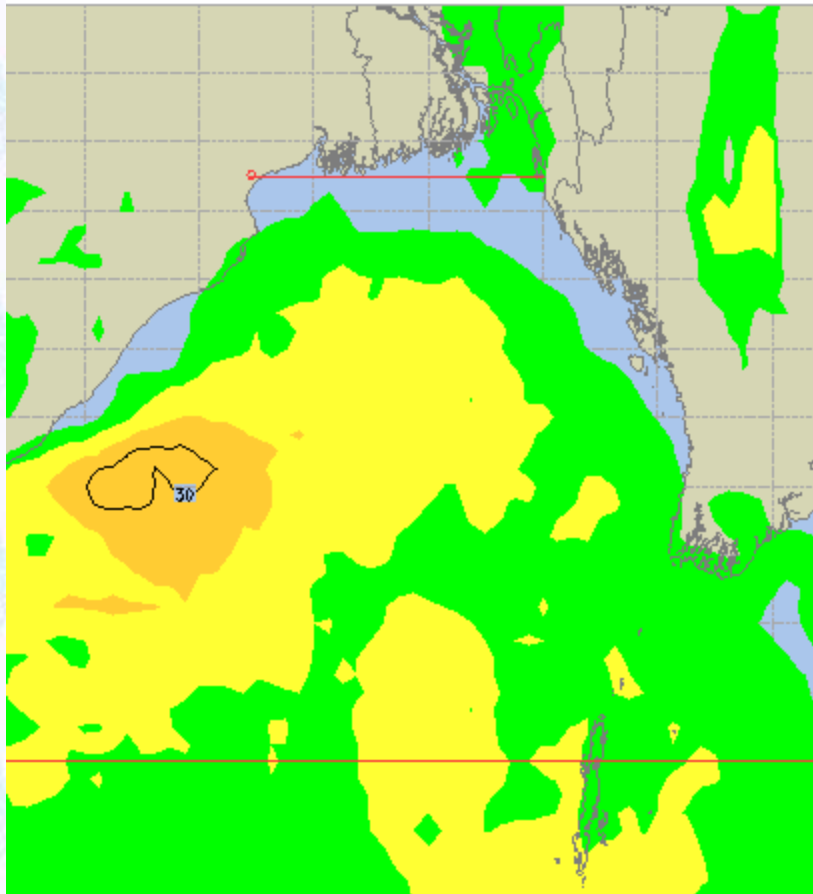




# Peak Gusting Possibilities— 11 & 12 Aug 2020

11 August 20 Tuesday

12 August 20 Wednesday

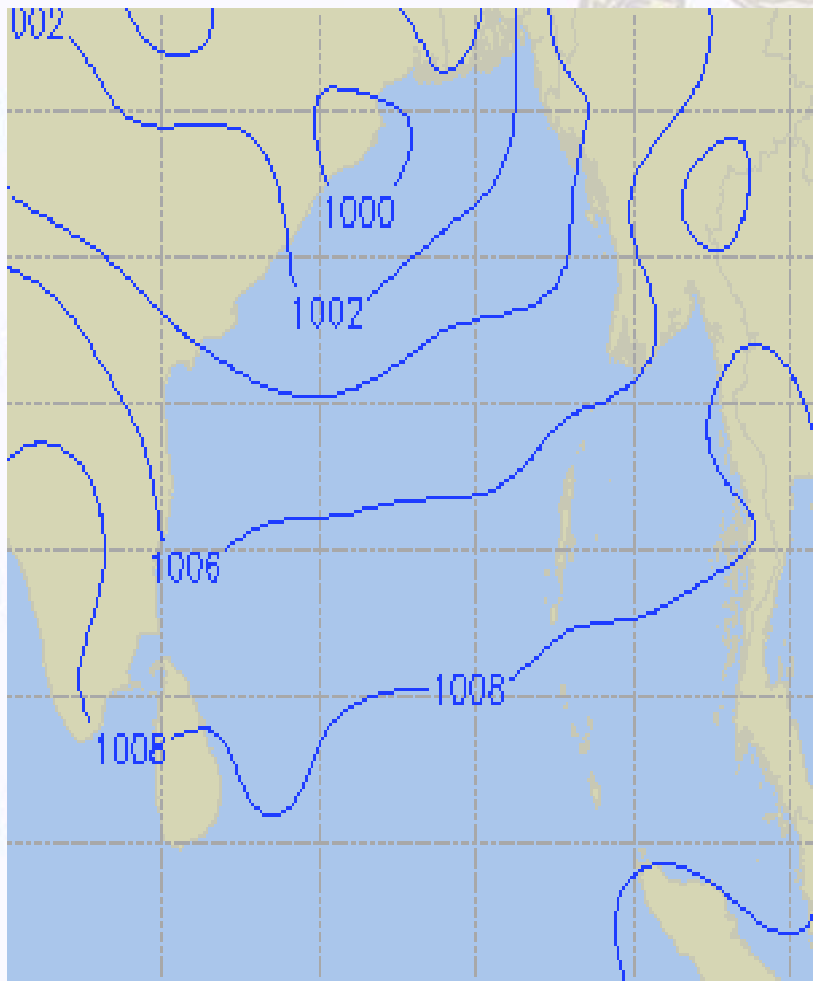




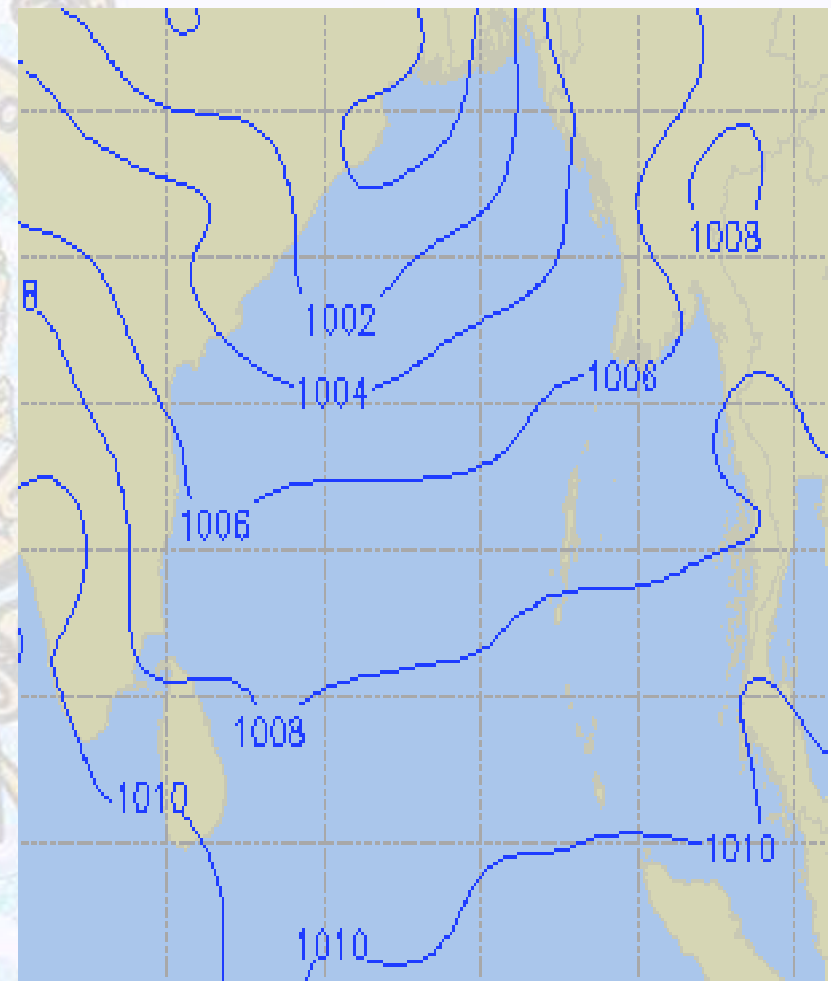


# Surface Pressure forecast– 11 & 12 Aug 2020

11 August 20 Tuesday



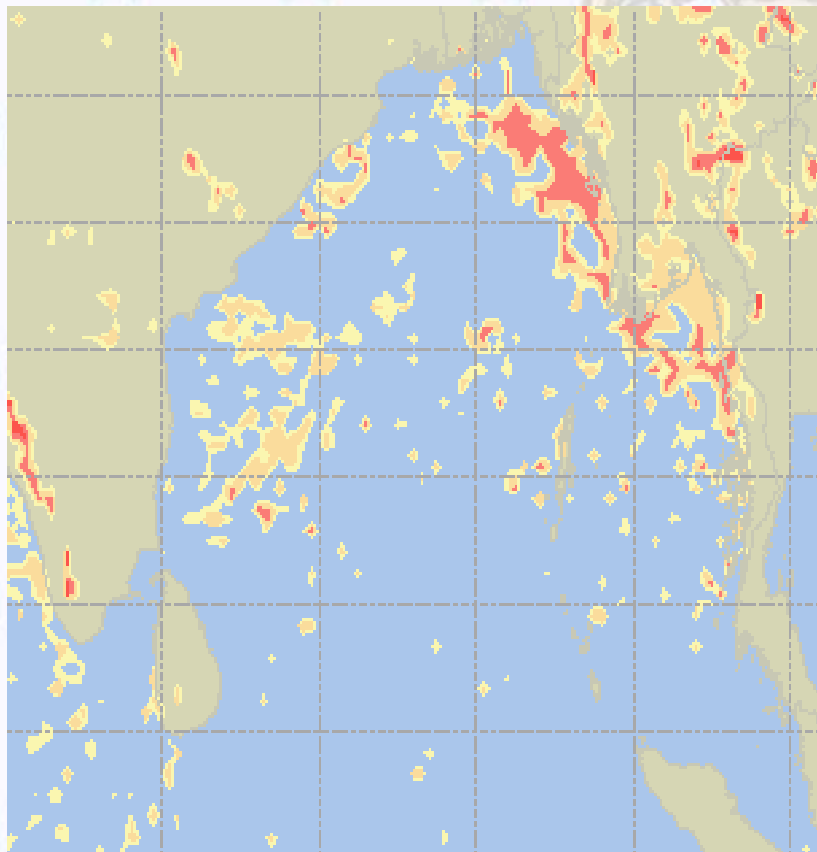
12 August 20 Wednesday



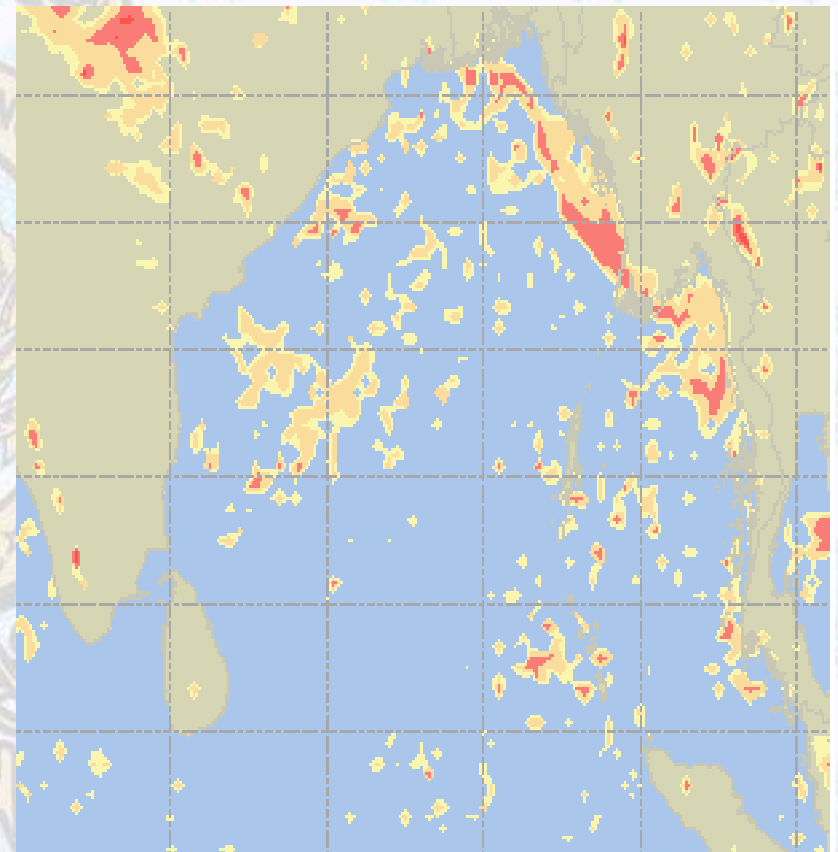


# Visibility at Sea Forecast – 11 & 12 Aug 2020

11 August 20 Tuesday



12 August 20 Wednesday



**Visibility Scale:**



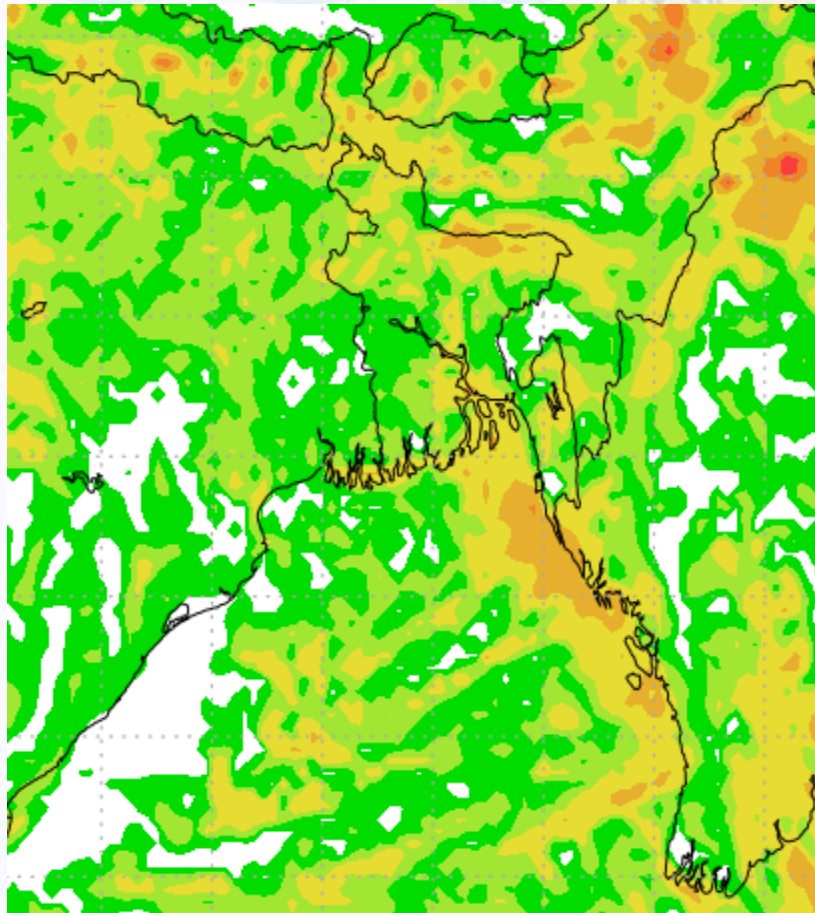
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



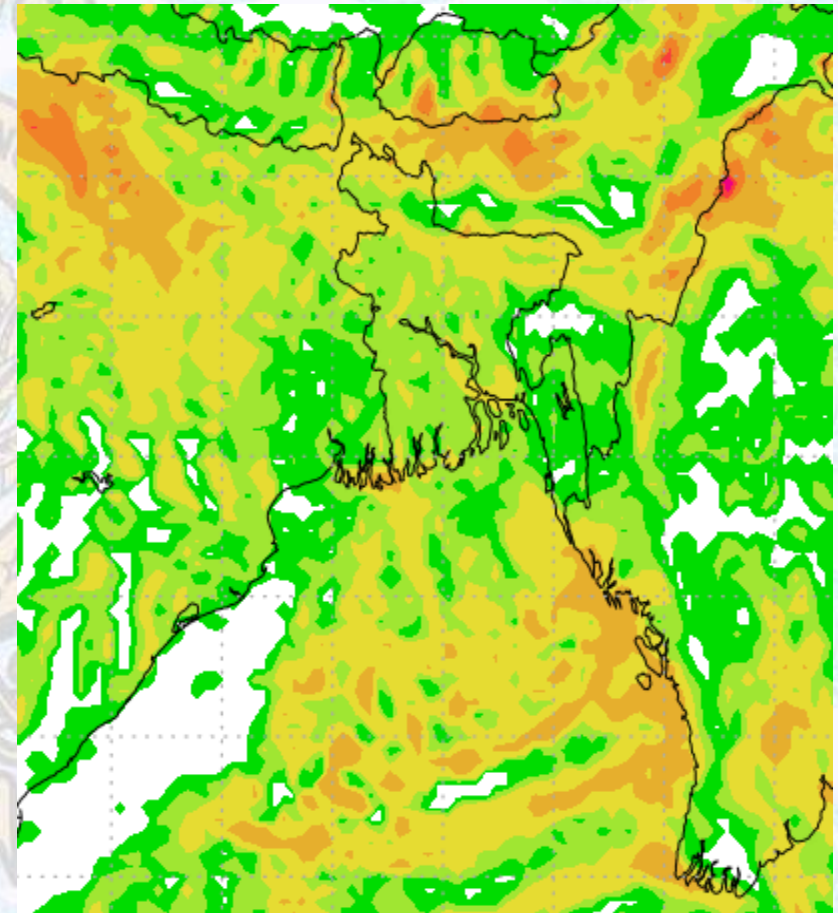


# Precipitation

Rain(mm) 12 & 13 Aug 2020



Rain(mm) 13 & 14 Aug 2020



**Precipitation Scale (mm):**





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

	Time	Height		Time	Height		Time	Height
		0529		4.72			0305	2.97
11 Aug 2020	1145	1.40		0932	1.44		0848	1.54
	1749	4.46		1529	2.92		1446	2.85
	-	-		2149	1.52		2104	1.39
	Time	Height		Time	Height		Time	Height
		0005		1.33			0359	2.85
12 Aug 2020	0624	4.51		1027	1.55		0941	1.69
	1242	1.63		1625	2.75		1538	2.68
	1849	4.16		2249	1.60		2200	1.52
	Time	Height		Time	Height		Time	Height
		0105		1.55			0510	2.80
13 Aug 2020	0730	4.38		1140	1.61		1055	1.80
	1356	1.77		1736	2.66		1648	2.54
	2002	3.98		-	-		2318	1.59