



# WEATHER FORECAST FOR BN

*07 AUG- 10 AUG 2020*



# WEATHER FORECAST – DHAKA

## 07.08.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31 / 27	30 / 26	29 / 26	29 / 26
Wind	15 km/h SSW	13 km/h SSW	9 km/h S	9 km/h SSE
Humidity	80%	78%	83%	85%
Chance of Precip	21%	18%	34%	24%
Cloud Cover	82%	86%	89%	87%
Conditions	Cloudy	Cloudy	Cloudy	Cloudy
Sunrise Sunset	5: 30 AM 6: 37 PM			

### Conditions

Pressure : 1003 hpa

Visibility : 3.54 km

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





# WEATHER FORECAST – CHATTOGRAM

## 07.08.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	29 / 27	29 / 27	28 / 26	28 / 27
Wind	15 km/h SSW	14 km/h S	11 km/h SSE	11 km/h SE
Humidity	87%	90%	91%	94%
Chance of Precip.	62%	32%	60%	61%
Cloud Cover	90%	89%	87%	91%
Conditions	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy/ Light Rain
Sunrise Sunset	5: 27 AM 6: 29 PM			

### Conditions

Pressure : 1004 hpa

Visibility : 9.66 Km

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



# WEATHER FORECAST – KHULNA

## 07.08.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31 / 28	31/ 28	29 / 27	29 / 27
Wind	12 km/h SSW	15 km/h S	8 km/h S	7 km/h S
Humidity	87%	84%	90%	93%
Chance of Precip.	24%	24%	11%	8%
Cloud Cover	80%	79%	75%	75%
Conditions	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy/ Light Rain
Sunrise Sunset	5: 35 AM 6: 39 PM			

### Conditions

Pressure : 1003 hpa

Visibility : 14.48 Km

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





# GENERAL WEATHER FORECAST – DHAKA

Description	08 August 2020	09 August 2020	10 August 2020
<b>Temperature (C)</b>	32 °C/ 27 °C	32 °C/ 27 °C	32 °C/ 27 °C
<b>Summary</b>	Cloudy	Cloudy	Cloudy
<b>Sun Rise/Set</b>	5h30m48s/18h36m42s	5h31m18s/18h36m00s	5h31m42s/18h35m12s
<b>Day Length</b>	13h05m54s	13h04m42s	13h03m30s
<b>Moon Rise/ Set</b>	9:44PM 9:21AM	10:16PM 10:10AM	10:48PM 11:00AM
<b>Moon Phase/ illu</b>	Waning Gibbous, 79%	Waning Gibbous, 70%	Waning Gibbous, 61%
<b>NauticalTwilight</b>	0438,1928	0439,1928	0439,1927
<b>Civil Twilight</b>	0507,1900	0507,1859	0508,1858
<b>Humidity</b>	D : 78%    N : 84%	D : 76%    N : 84%	D : 76%    N : 83%
<b>Barometer (mb)</b>	1002	1001	1002
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	50%	80%	60%
<b>Wind (mph)</b>	15 Km/h SSE	16 Km/h SSE	14 Km/h SSE

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



# GENERAL WEATHER FORECAST– CHATTOGRAM

Description	08 August 2020	09 August 2020	10 August 2020
<b>Temperature (C)</b>	30 °C/ 26 °C	31 °C/ 26 °C	32 °C/ 26 °C
<b>Summary</b>	Cloudy/ Light rain	Cloudy/ Light rain	Cloudy/ Light rain
<b>Sun Rise/Set</b>	5h27m18s/18h28m54s	5h27m42s/18h28m12s	5h28m06s/18h27m24s
<b>Day Length</b>	13h01m36s	13h00m30s	12h59m18s
<b>Moon Rise/ Set</b>	9:38PM 9:15AM	10:10PM 10:04AM	10:44PM 10:53AM
<b>Moon Phase/ illu</b>	Waning Gibbous, 79%	Waning Gibbous, 71%	Waning Gibbous, 61%
<b>NauticalTwilight</b>	0435, 1920	0436, 1919	0436, 1918
<b>Civil Twilight</b>	0503, 1852	0504, 1851	0504, 1850
<b>Humidity</b>	D : 87% N : 93%	D : 83% N : 91%	D : 81% N : 90%
<b>Barometer (mb)</b>	1004	1003	1003
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	60%	40%	40%
<b>Wind (mph)</b>	16 Km/h S	15 Km/h S	13 Km/h SSE

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





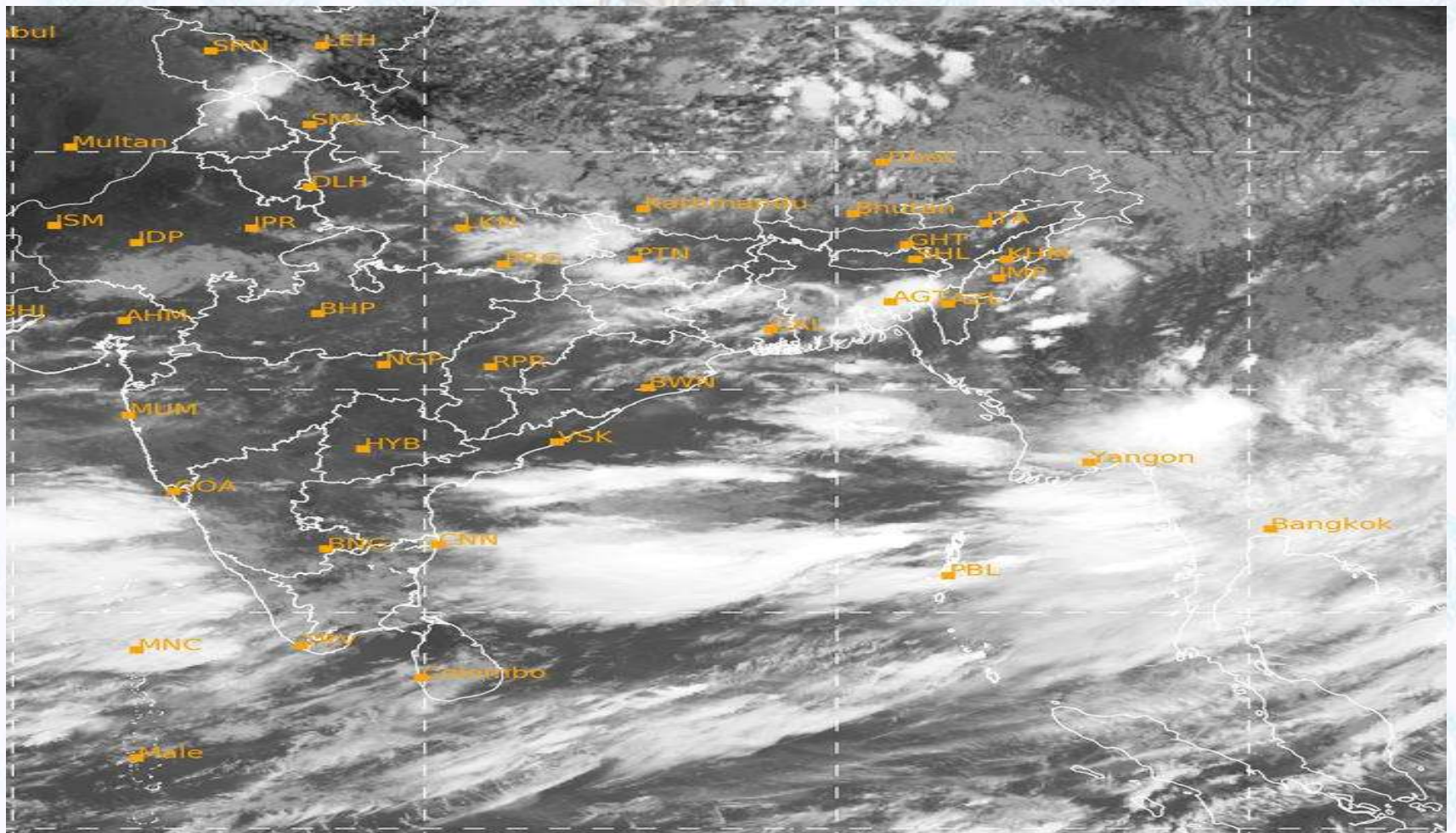
# GENERAL WEATHER FORECAST – KHULNA

Description	08 August 2020	09 August 2020	10 August 2020
<b>Temperature(C)</b>	32°C/ 27°C	32°C/ 27°C	32°C/ 27°C
<b>Summary</b>	Cloudy	Cloudy	Cloudy
<b>Sun Rise/Set</b>	5h35m42s/18h38m48s	5h36m06s/18h38m06s	5h36m30s/18h37m18s
<b>Day Length</b>	13h03m06s	13h02m00s	13h00m18s
<b>Moon Rise/Set</b>	9:49PM 9:25AM	10:20PM 10:14AM	10:54PM 11:04AM
<b>Moon Phase/illu</b>	Waning Gibbous, 79%	Waning Gibbous, 70%	Waning Gibbous, 61%
<b>Nautical Twilight</b>	0444, 1930	0444, 1929	0445, 1928
<b>Civil Twilight</b>	0512, 1902	0512, 1901	0513, 1901
<b>Humidity</b>	D : 80%    N : 87%	D : 80%    N : 87%	D : 78%    N : 87%
<b>Barometer (mb)</b>	1002	1001	1001
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	80%	80%	80%
<b>Wind (mph)</b>	12 km/h SSE	16 km/h SSE	15 km/h SE

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



# SATELLITE VIEW OF BAY OF BENGAL



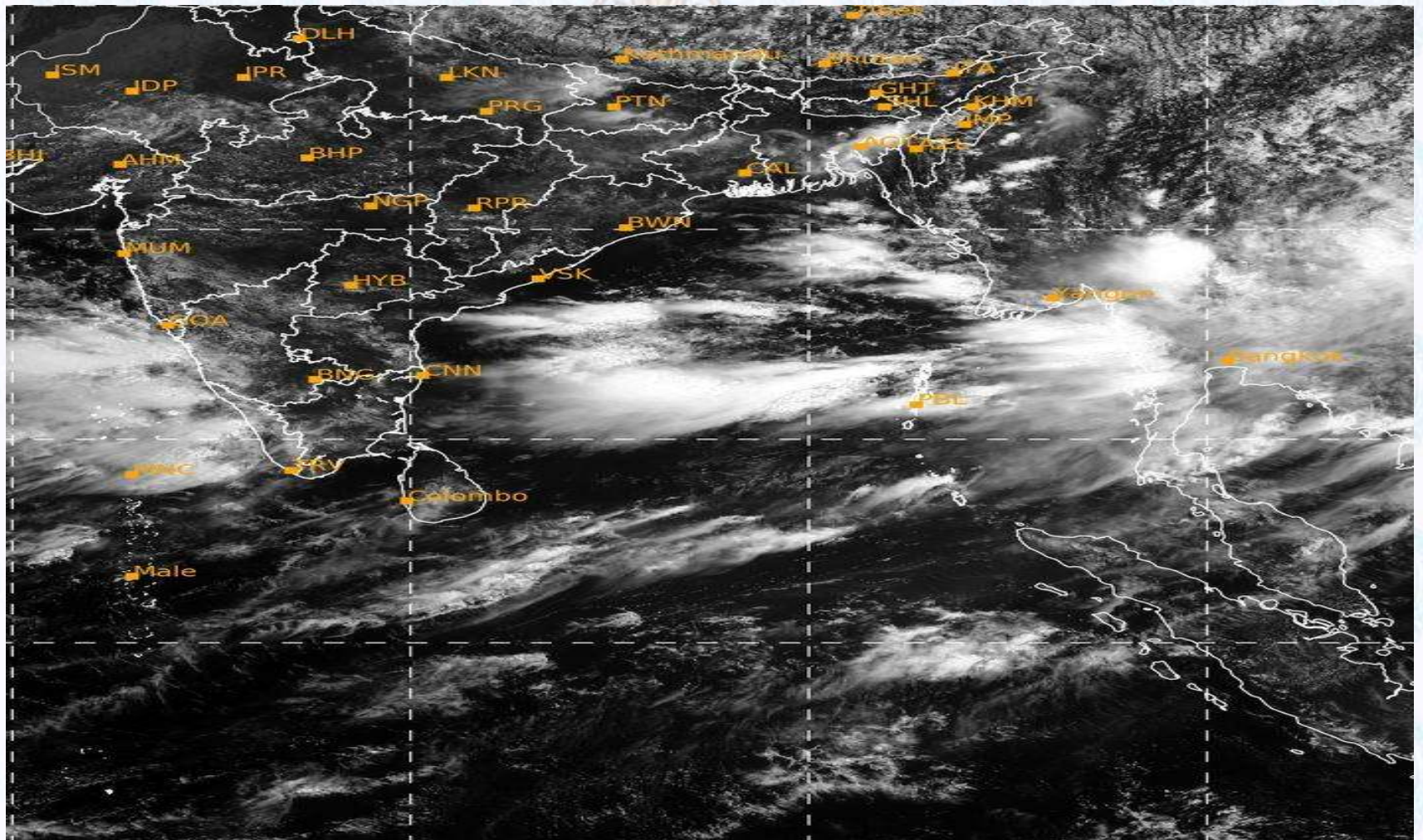
07/08/2020, 11:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



07/08/2020, 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 07.08.2020)

<b>Part One</b>	WARNING BAY OF BENGAL.	
<b>Part Two</b>	TROUGH OF LOW LIES OVER NORTH BAY. MONSOON IS MODERATE TO STRONG OVER NORTH BAY.	
<b>Part Three</b>	Weather	RAIN/THUNDER SHOWERS OVER AREA C-90..
	Wind	SOUTH /SOUTH-EASTERLY, 12-18 KTS. TEMPORARY GUSTING TO 28 KTS.
	Visibility	03-05 KMS, REDUCING TO 1000 M OR LESS IN RAIN/SHOWERS.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 0000 UTC. CHATTOGRAM =993 HPA





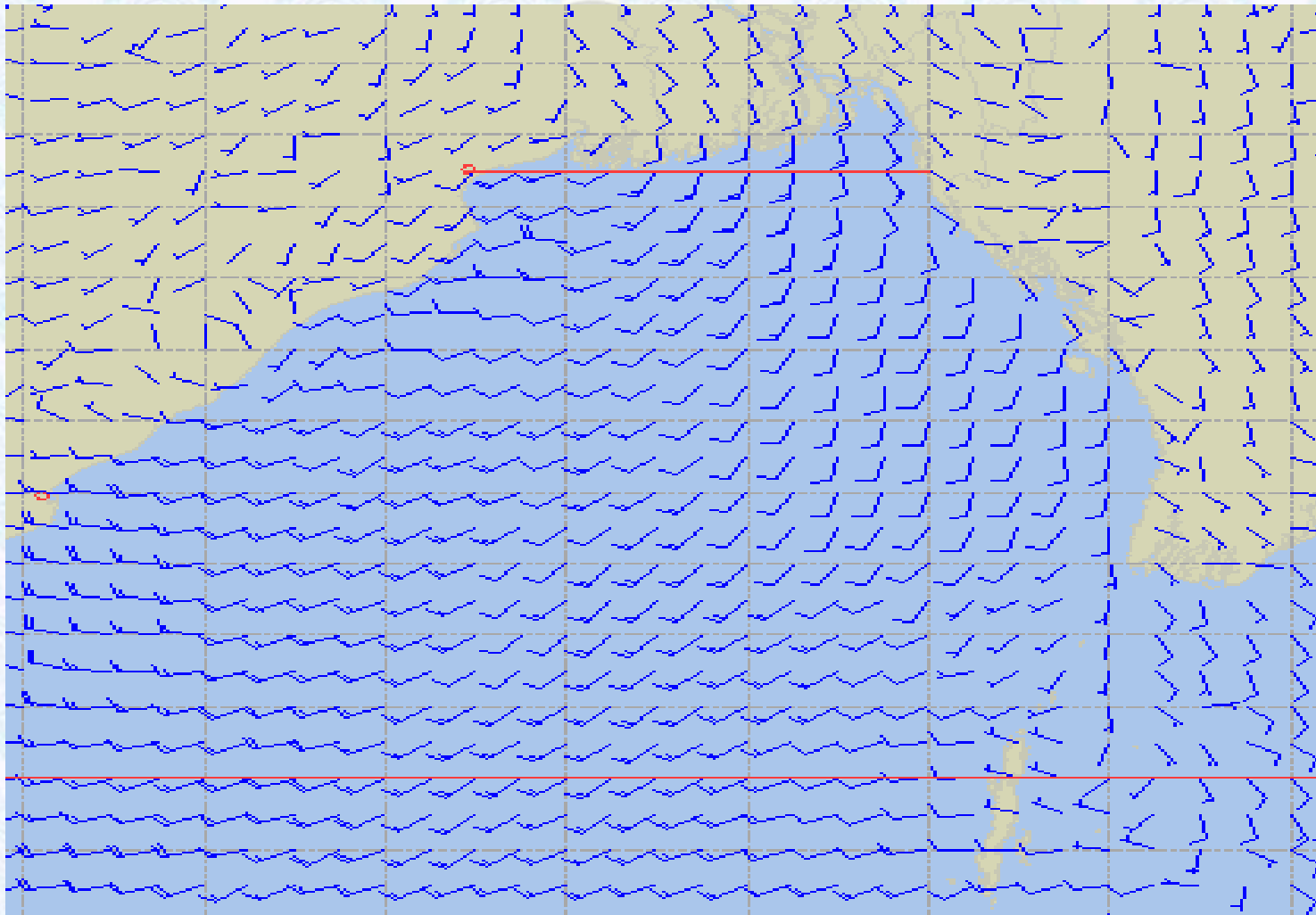
# **Inland River Port Warning** **(VALID TILL 06 PM OF 07.08.2020)**

RAIN/THUNDER SHOWERS ACCOMPANIED BY TEMPORARY SOUTH/SOUTH-EASTERLY GUSTY/SQUALLY WIND SPEED 45-60KPH IS LIKELY TO OCCUR OVER THE REGIONS OF RAJSHAHI, PABNA, TANGAIL, MYMENSINGH, SYLHET, DHAKA, FARIDPUR, JASHORE, KUSHTIA, KHULNA, BARISHAL, PATUAKHALI, NOAKHALI, CUMILLA, CHATTOGRAM AND COXS BAZAR WHEREIN RIVERPORTS SHALL HOIST CAUTIONARY SIGNAL NO ONE (R) ONE.

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



# Surface Wind Forecast- 08 Aug- 2020



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



**60 Knots**

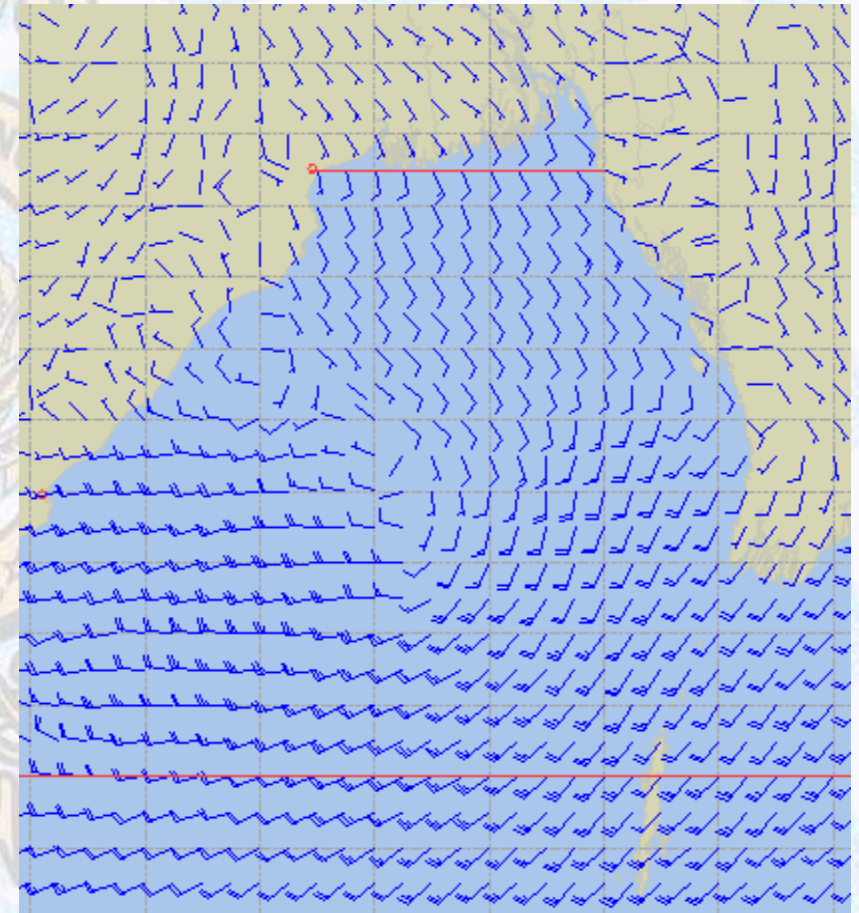
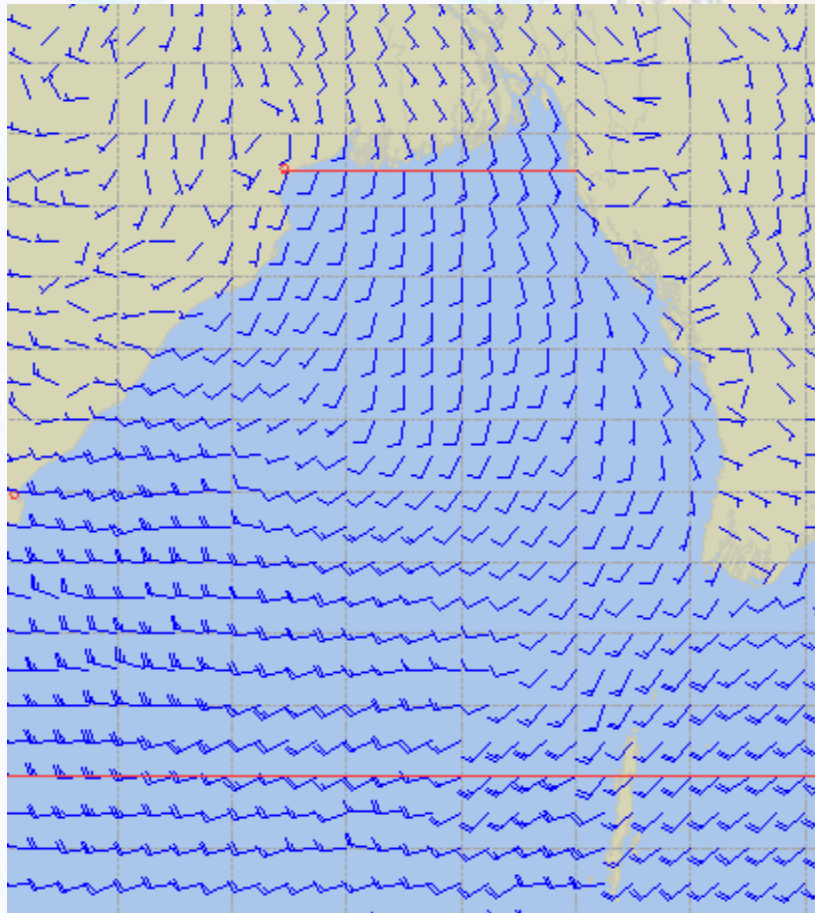




# Surface Wind Forecast – 09 & 10 Aug - 2020

09 August 20 Sunday

10 August 20 Monday



**Legend:**



**Calm  
Winds**



**5 Knots**



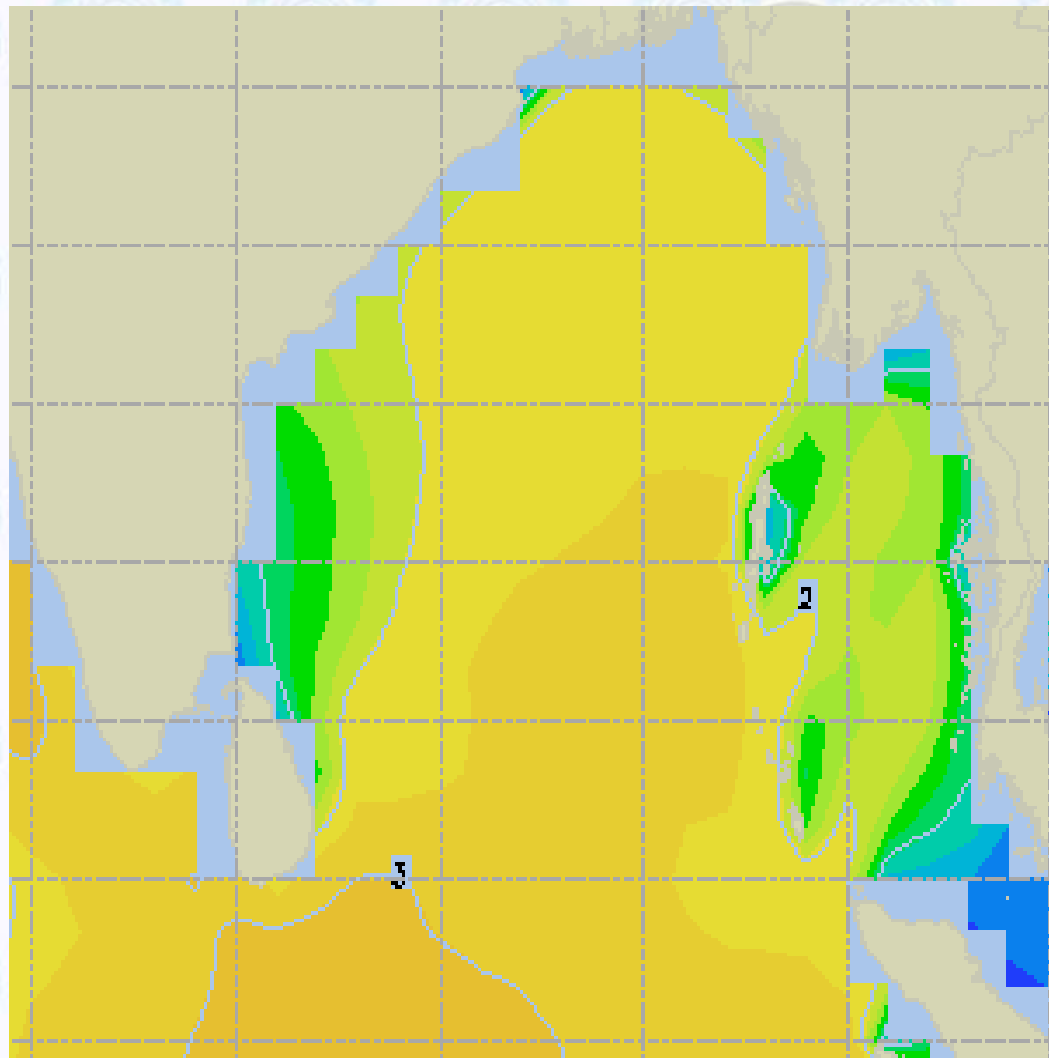
**10 Knots**



**60 Knots**



# Sea State Forecast – 08 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



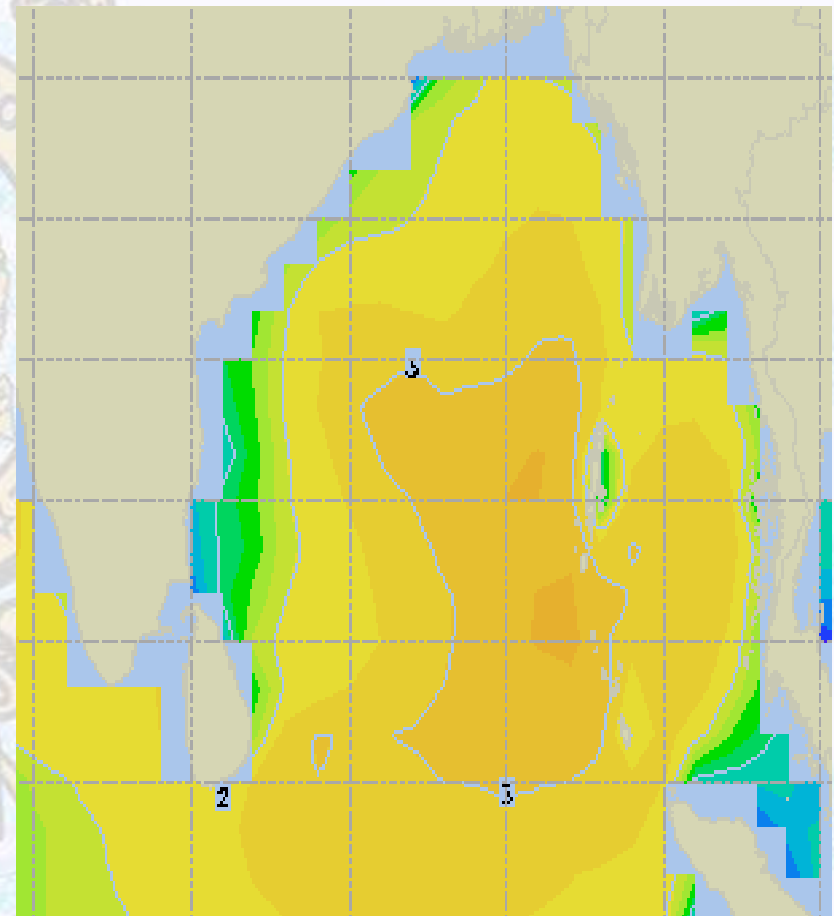
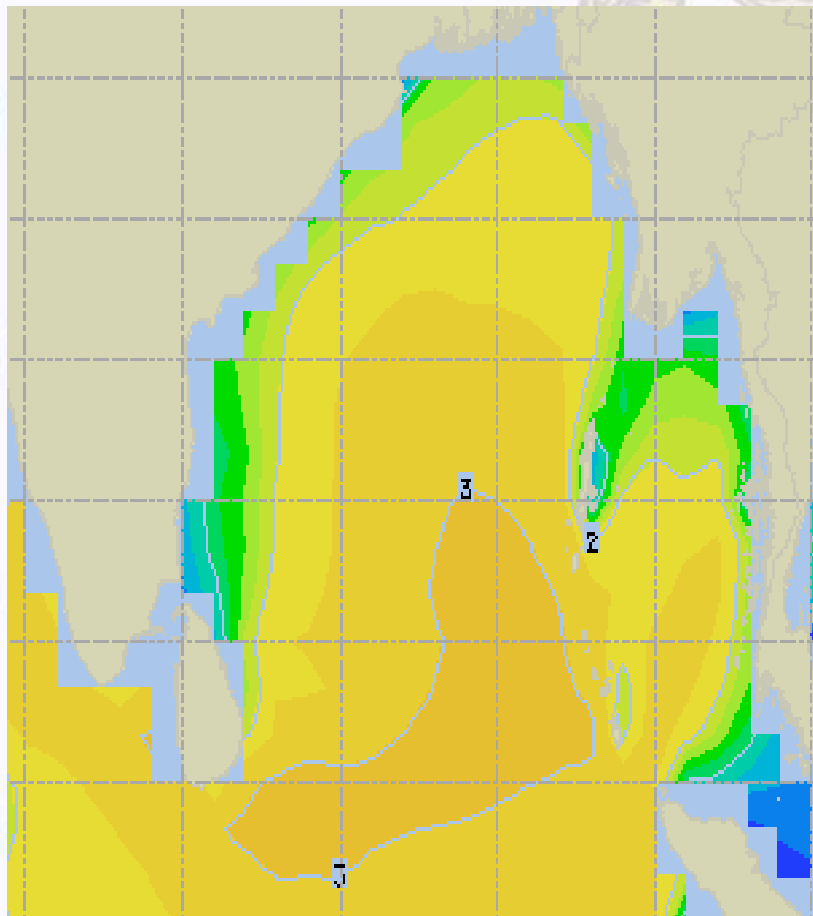




# Sea State Forecast – 09 & 10 Aug - 2020

09 August 20 Sunday

10 August 20 Monday

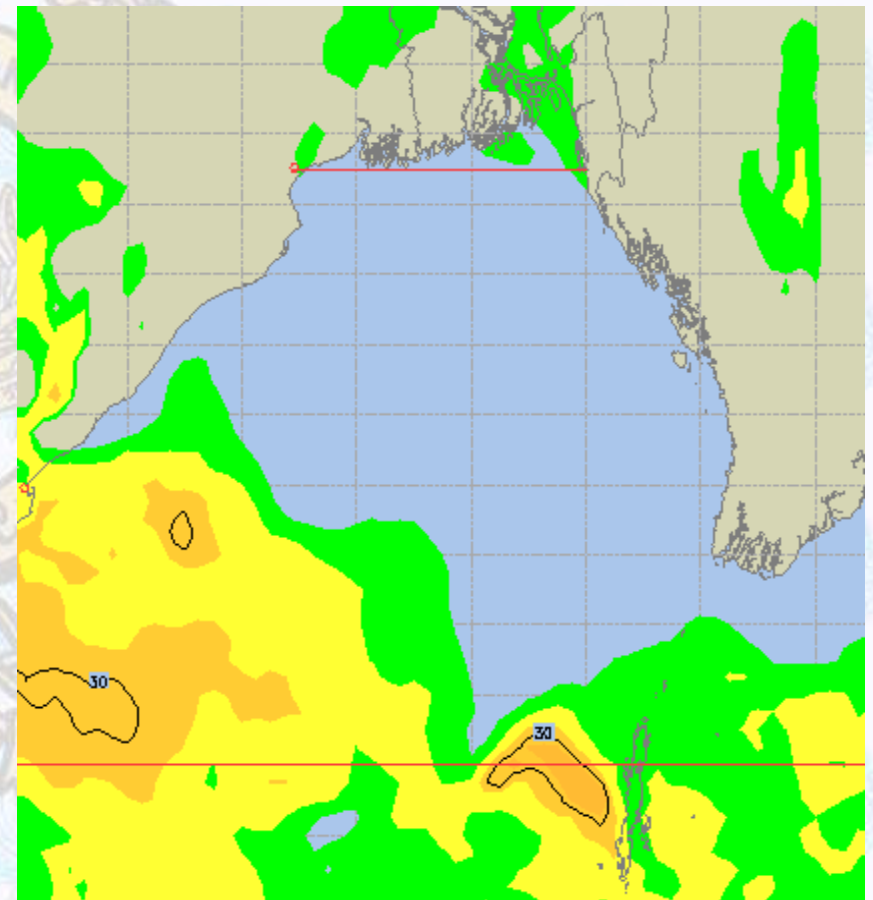
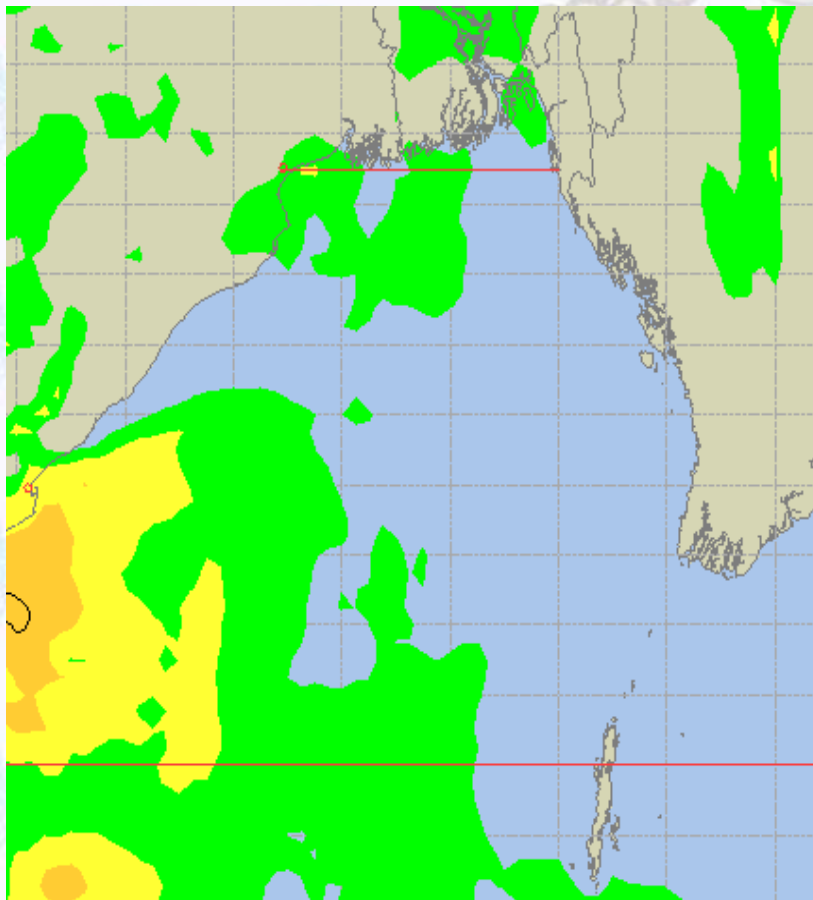




# Peak Gusting Possibilities— 08 & 09 Aug 2020

08 August 20 Saturday

09 August 20 Sunday

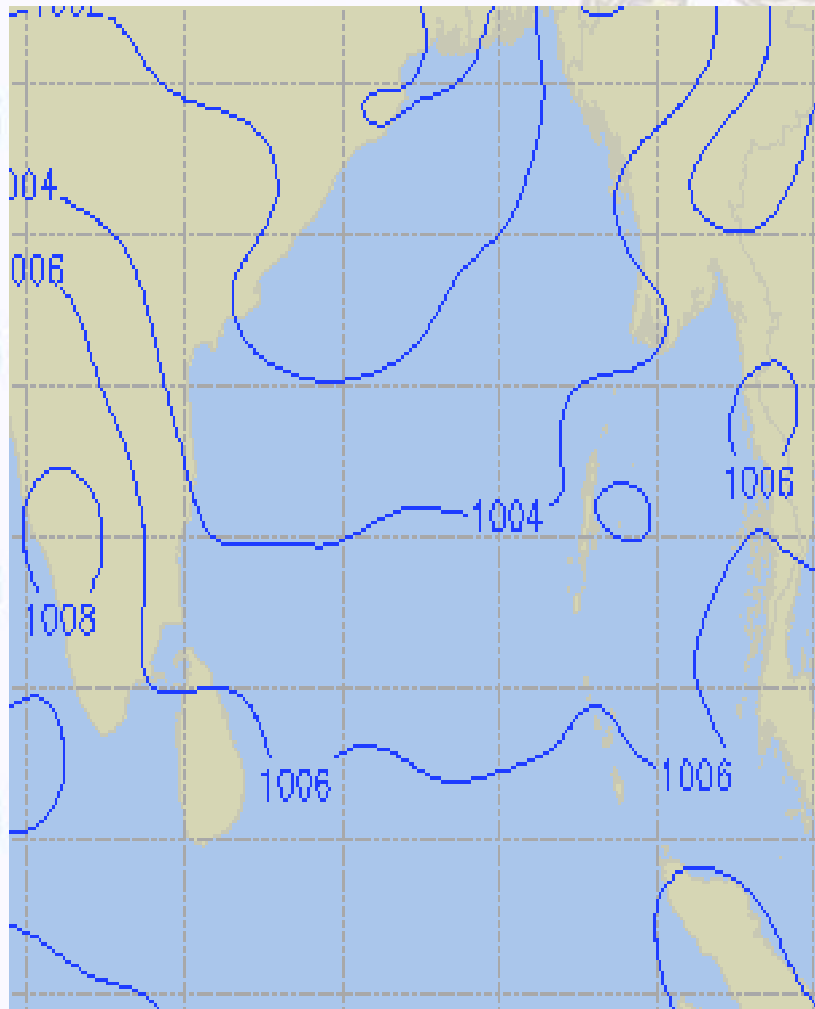




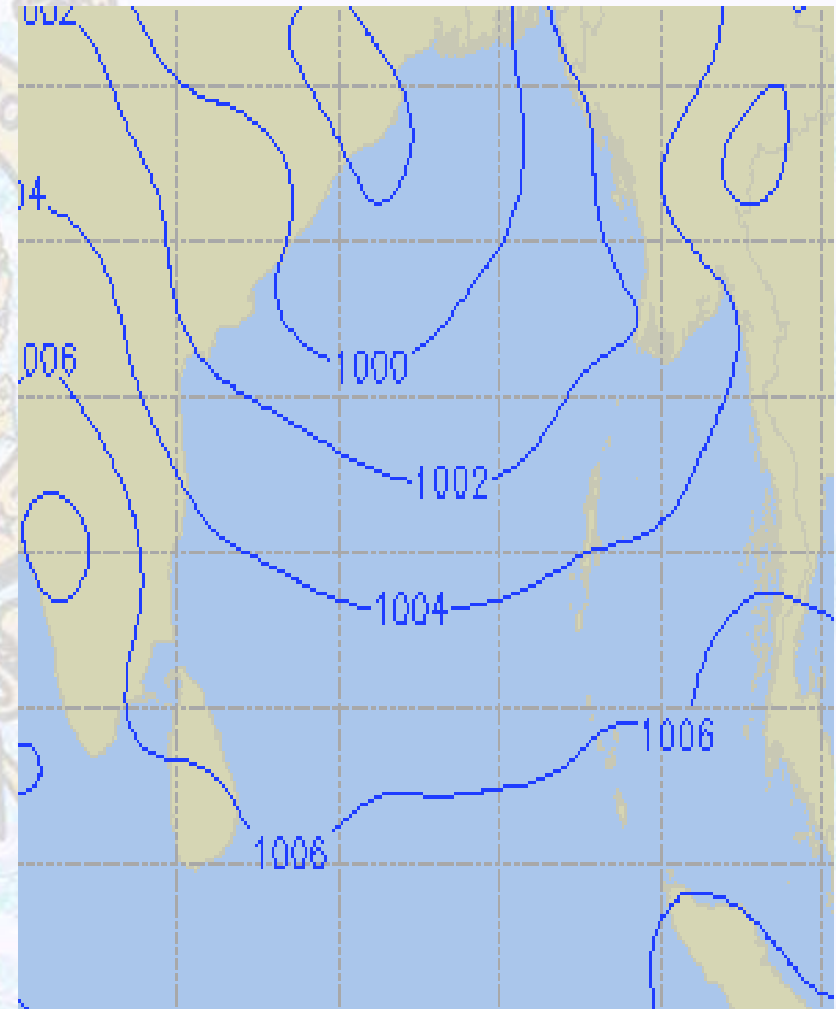


# Surface Pressure forecast– 08 & 09 Aug 2020

08 August 20 Saturday



09 August 20 Sunday

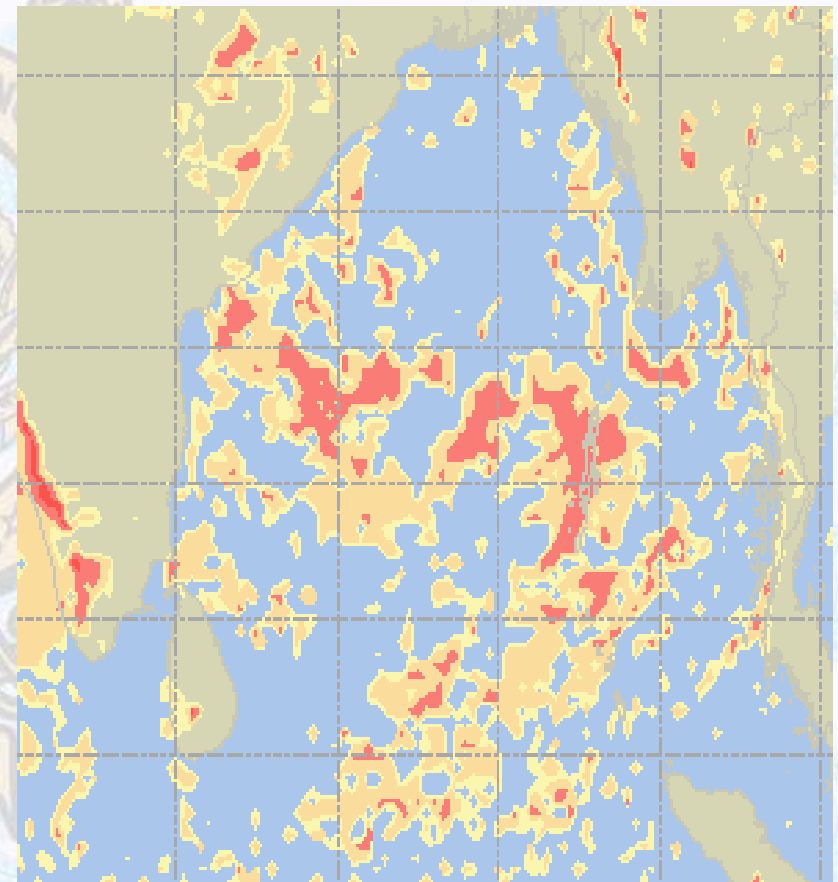
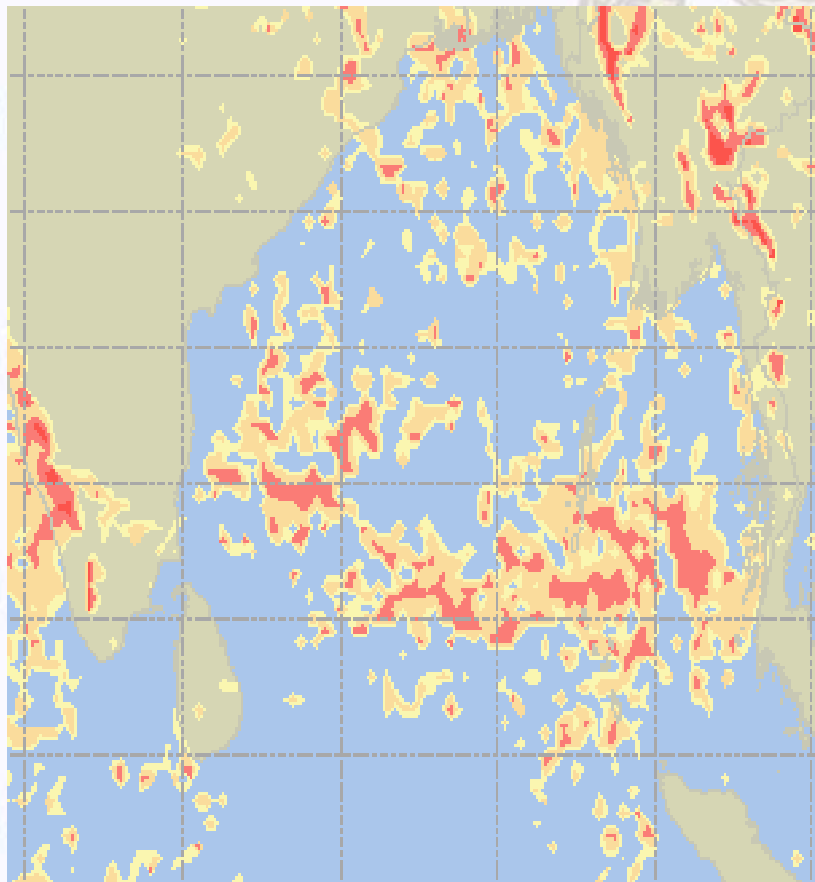




# Visibility at Sea Forecast – 08 & 09 Aug 2020

08 August 20 Saturday

09 August 20 Sunday



**Visibility Scale:**



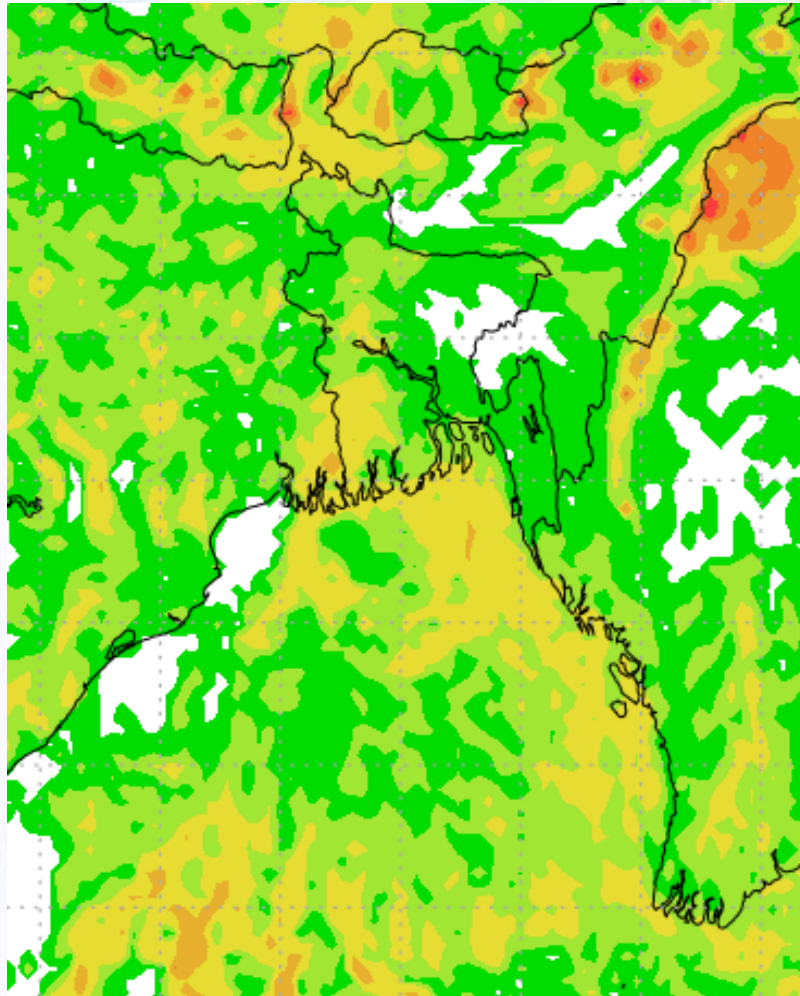
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



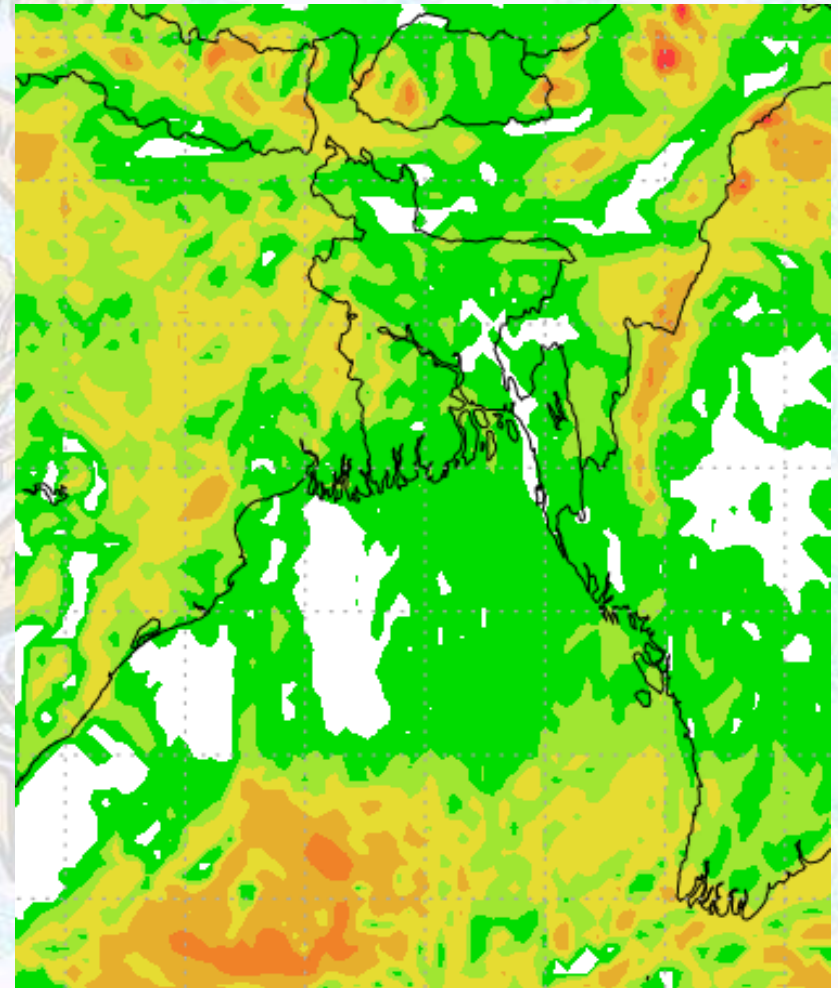


# Precipitation

Rain(mm) 08 & 09 Aug 2020



Rain(mm) 09 & 10 Aug 2020



**Precipitation Scale (mm):**





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

	Time	Height		Time	Height		Time	Height
		0327		5.22			0108	3.36
08 Aug 2020	0946	0.86		0741	1.15		0701	1.18
	1538	5.36		1328	3.53		1258	3.26
	2209	0.79		1959	1.24		1924	1.11
09 Aug 2020	Time	Height		Time	Height		Time	Height
	0404	5.11		0144	3.24		0123	3.12
	1021	0.99		0813	1.23		0732	1.27
	1616	5.12		1405	3.33		1330	3.15
	2242	0.91		2030	1.33		1951	1.17
10 Aug 2020	Time	Height		Time	Height		Time	Height
	0444	4.93		0222	3.10		0159	3.06
	1059	1.18		0849	1.33		0806	1.40
	1659	4.81		1444	3.12		1405	3.01
	2319	1.09		2105	1.42		2024	1.27