



# WEATHER FORECAST FOR BN

*04 AUG- 07 AUG 2020*



# WEATHER FORECAST – DHAKA

## 04.08.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	30 / 27	31 / 27	30 / 26	29 / 26
Wind	9 km/h ESE	13 km/h SE	11 km/h SE	10 km/h ESE
Humidity	87%	77%	79%	82%
Chance of Precip	57%	60%	38%	24%
Cloud Cover	96%	83%	78%	68%
Conditions	Cloudy	Cloudy	Cloudy/ Light Rain	Cloudy/ Light Rain
Sunrise Sunset	5: 29 AM 6: 39 PM			

### Conditions

Pressure : 992 hpa

Visibility : 6.44 km

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



# WEATHER FORECAST – CHATTOGRAM

## 04.08.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31 / 27	30 / 27	28 / 27	28 / 27
Wind	11 km/h SSE	10 km/h SSE	10 km/h SE	12 km/h ESE
Humidity	83%	84%	90%	90%
Chance of Precip.	79%	87%	83%	24%
Cloud Cover	84%	77%	77%	74%
Conditions	Cloudy	Cloudy	Cloudy/ Light Rain	Cloudy/ Light Rain
Sunrise Sunset	5: 26 AM 6: 31 PM			

### Conditions

Pressure : 993 hpa

Visibility : 8.05 Km

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



# WEATHER FORECAST – KHULNA

## 04.08.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	30 / 28	31 / 28	29 / 28	29 / 28
Wind	6 km/h ENE	7 km/h E	9 km/h ESE	9km/h E
Humidity	89%	84%	93%	94%
Chance of Precip.	49%	23%	60%	31%
Cloud Cover	95%	94%	90%	79%
Conditions	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy/ Light Rain
Sunrise Sunset	5: 34 AM 6: 41 PM			

### Conditions

Pressure : 992 hpa

Visibility : 6.44 Km

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



# GENERAL WEATHER FORECAST – DHAKA

Description	05 August 2020	06 August 2020	07 August 2020
<b>Temperature (C)</b>	33 °C/ 27 °C	32 °C/ 27 °C	32 °C/ 27 °C
<b>Summary</b>	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy/ Light Rain
<b>Sun Rise/Set</b>	5h29m48s/18h38m48s	5h30m06s/18h38m06s	5h30m30s/18h37m24s
<b>Day Length</b>	13h09m00s	13h08m00s	13h06m54s
<b>Moon Rise/ Set</b>	8:04PM 6:44AM	8:39PM 7:38AM	9:12PM 8:30AM
<b>Moon Phase/ illu</b>	Waning Gibbous, 97%	Waning Gibbous, 92%	Waning Gibbous, 86%
<b>NauticalTwilight</b>	0437,1931	0437,1930	0438,1929
<b>Civil Twilight</b>	0505,1902	0506,1902	0506,1901
<b>Humidity</b>	D : 73%    N : 81%	D : 76%    N : 83%	D : 76%    N : 83%
<b>Barometer (mb)</b>	993	998	1001
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	50%	80%	80%
<b>Wind (mph)</b>	25 Km/h ESE	20 Km/h SE	11 Km/h SSE

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



# GENERAL WEATHER FORECAST– CHATTOGRAM

Description	05 August 2020	06 August 2020	07 August 2020
<b>Temperature (C)</b>	32 °C/ 26 °C	31 °C/ 26 °C	30 °C/ 26 °C
<b>Summary</b>	Cloudy/ Light rain	Cloudy/ Light rain	Cloudy/ Light rain
<b>Sun Rise/Set</b>	5h26m24s/18h30m42s	5h26m42s/18h30m06s	5h27m06s/18h29m30s
<b>Day Length</b>	13h04m18s	13h03m24s	13h02m24s
<b>Moon Rise/ Set</b>	7:56PM 6:40AM	8:32PM 7:34AM	9:06PM 8:25AM
<b>Moon Phase/ illu</b>	Waning Gibbous, 97%	Waning Gibbous, 92%	Waning Gibbous, 86%
<b>NauticalTwilight</b>	0434, 1922	0434, 1921	0435, 1920
<b>Civil Twilight</b>	0502, 1854	0503, 1853	0503, 1852
<b>Humidity</b>	D : 82% N : 89%	D : 86% N : 92%	D : 87% N : 93%
<b>Barometer (mb)</b>	995	1000	1003
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	80%	80%	80%
<b>Wind (mph)</b>	20 Km/h SE	18 Km/h SSE	12 Km/h S

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



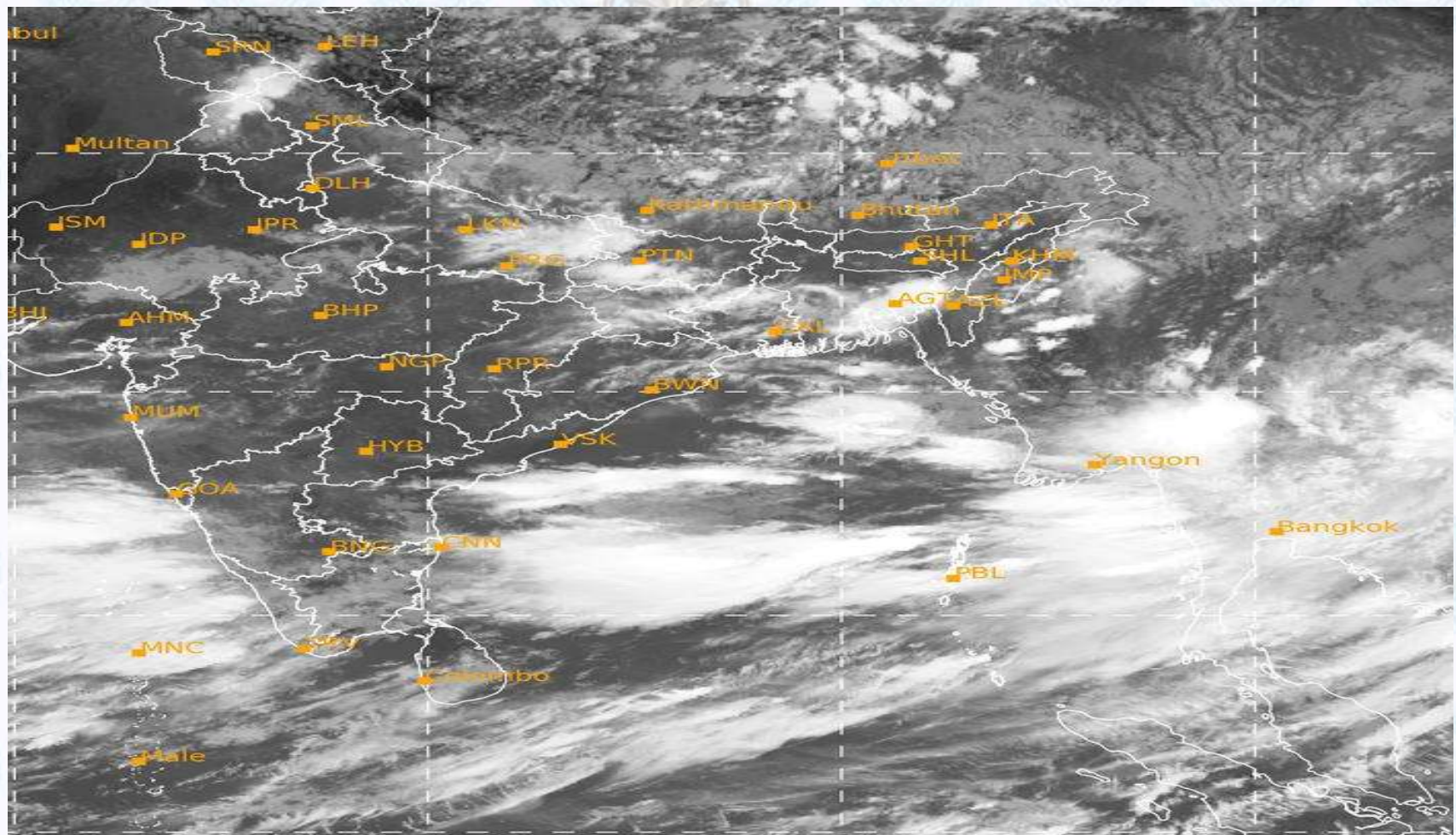
# GENERAL WEATHER FORECAST – KHULNA

Description	05 August 2020	06 August 2020	07 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/ Light rain
<b>Sun Rise/Set</b>	5h34m48s/18h40m42s	5h35m06s/18h40m00s	5h35m24s/18h39m24s
<b>Day Length</b>	13h05m54s	13h04m54s	13h04m00s
<b>Moon Rise/Set</b>	8:07PM 6:50AM	8:42PM 7:44AM	9:16PM 8:35AM
<b>Moon Phase/illu</b>	Waning Gibbous, 97%	Waning Gibbous, 92%	Waning Gibbous, 86%
<b>Nautical Twilight</b>	0442, 1932	0443, 1931	0444, 1930
<b>Civil Twilight</b>	0510, 1904	0511, 1903	0512, 1902
<b>Humidity</b>	D : 81%    N : 87%	D : 82%    N : 87%	D : 79%    N : 86%
<b>Barometer (mb)</b>	993	997	1001
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	80%	90%	80%
<b>Wind (mph)</b>	30 km/h ESE	19 km/h SE	10 km/h SSE

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



# SATELLITE VIEW OF BAY OF BENGAL



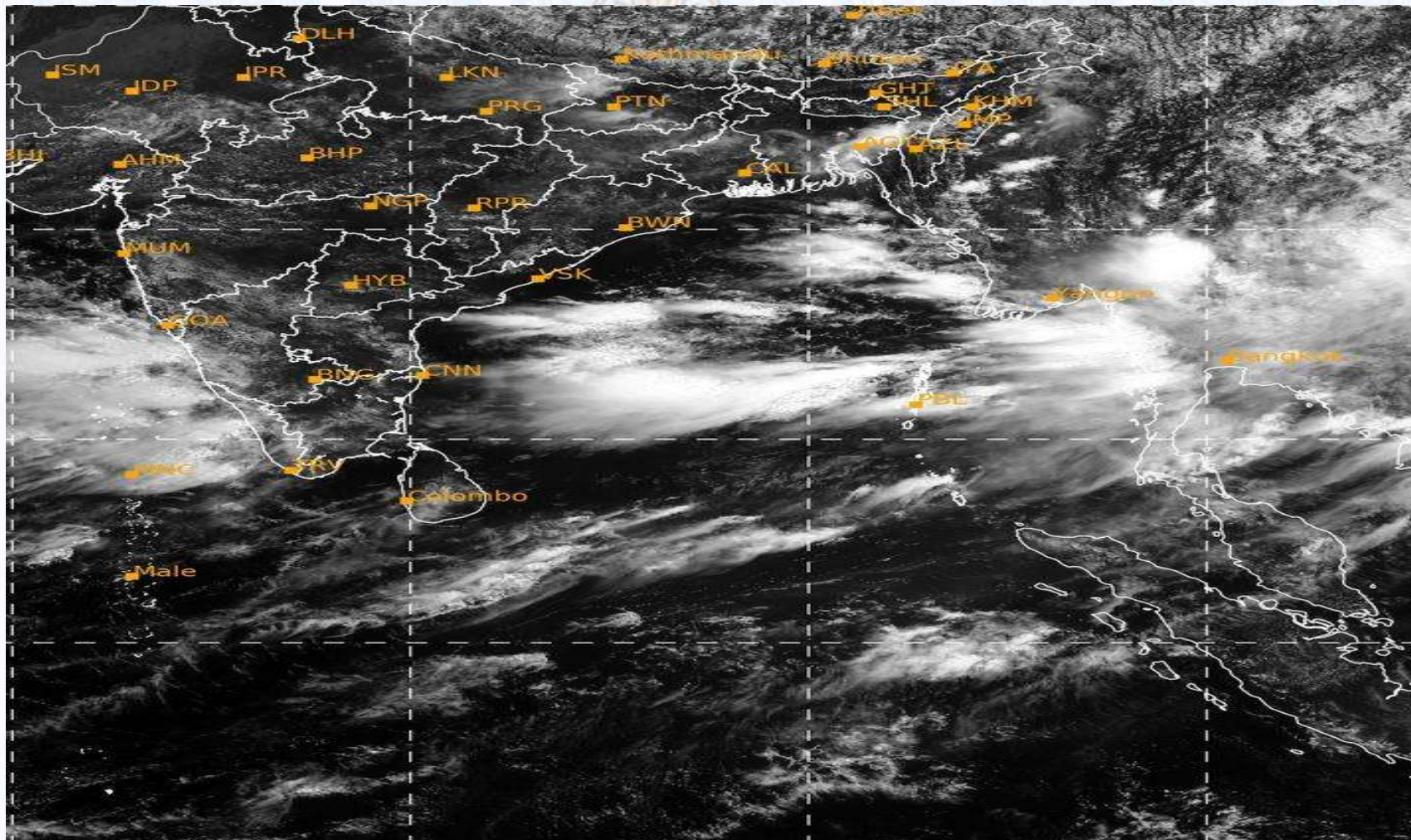
04/08/2020, 11:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



04/08/2020, 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 04.08.2020)

<b>Part One</b>	WARNING BAY OF BENGAL.	
<b>Part Two</b>	A LOW HAS FORMED OVER OF NORTH BAY AND ADJOINING AREA. MONSOON IS STRONG OVER NORTH BAY.	
<b>Part Three</b>	Weather	RAIN/THUNDER SHOWERS OVER AREA C-90..
	Wind	SOUTH-/SOUTHEASTERLY, 12-18 KTS, TEMPORARY GUSTING TO 27KTS.
	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 =993 HPA



## **Inland River Port Warning** **(VALID TILL 06 PM OF 04.08.2020)**

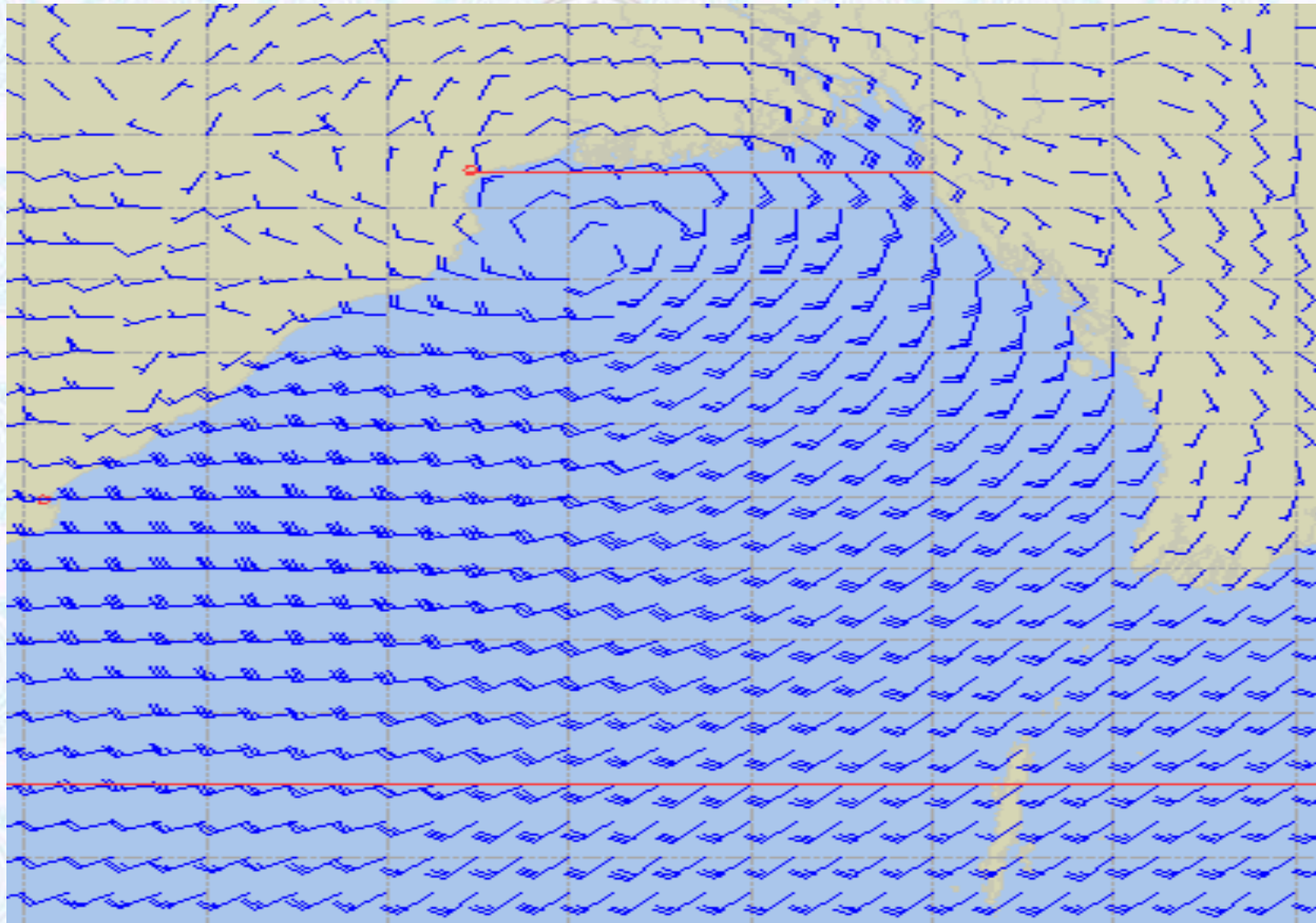
IN ASSOCIATION WITH RAIN/THUNDER SHOWERS TEMPORARY **OUTH/SOUTH-EASTERLY**, SQUALLS WIND SPEED **60-80** KPH IS LIKELY TO OCCUR OVER THE REGIONS OF DHAKA, FARIDPUR, JASHORE, KUSHTIA, KHULNA, BARISHAL, PATUAKHALI, NOAHKHALI, CUMILLA, CHATTOGRAM, COX'S BAZAR, AND YLHET WHEREIN RIVERCRAFTS SHALL HOIST RIVERINE WARNING SIGNAL NO. TWO (R) TWO.

RAIN/THUNDER SHOWERS ACOMPANIED BY TEMPORARY **SOUTH/SOUTH-EASTERLY**, GUSTY/SQUALLY WIND SPEED 45-60 KPH IS LIKELY TO OCCUR ELSEWHERE OVE RHE COUNTRY WHEREIN RIVERPORTS SHALL HOIST CAUTIONARY SIGNAL NO. ONE ( R) ONE.

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



# Surface Wind Forecast- 05 Aug- 2020



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



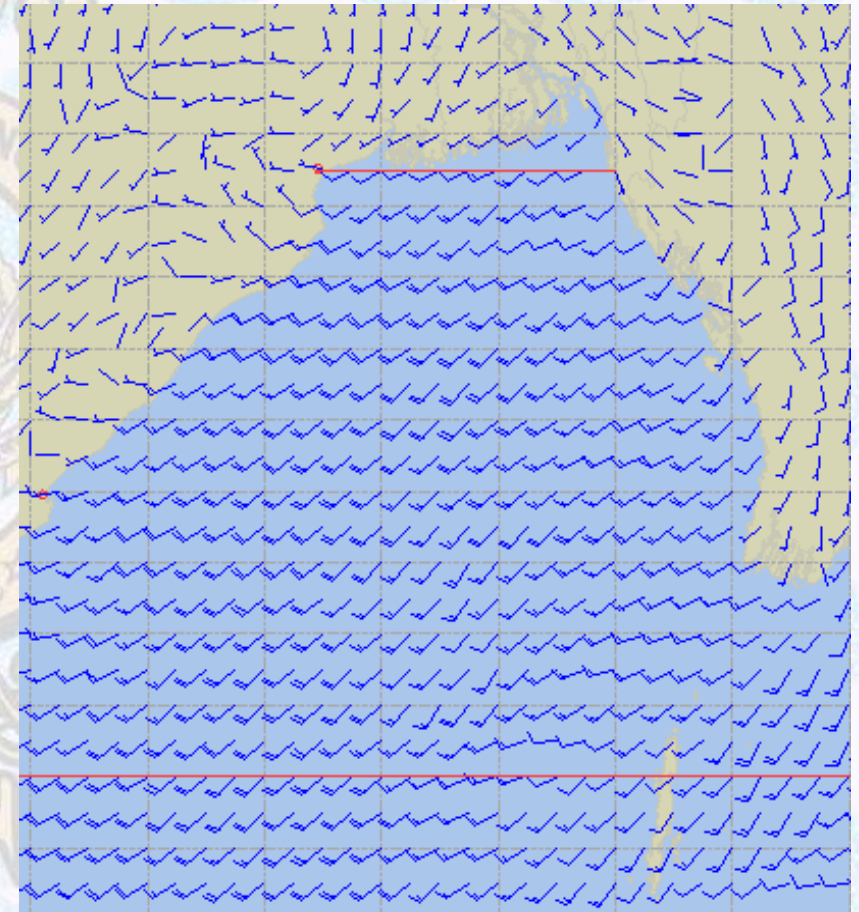
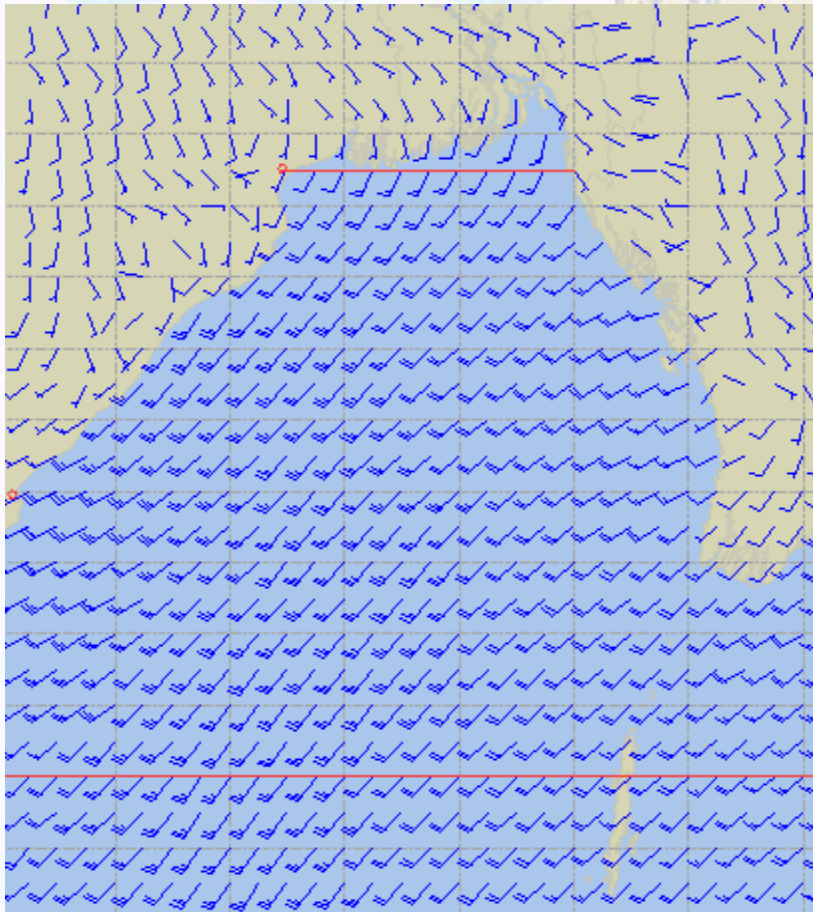
**60 Knots**



# Surface Wind Forecast – 06 & 07 Aug - 2020

06 August 20 Thursday

07 August 20 Friday



**Legend:**



**Calm  
Winds**



**5 Knots**



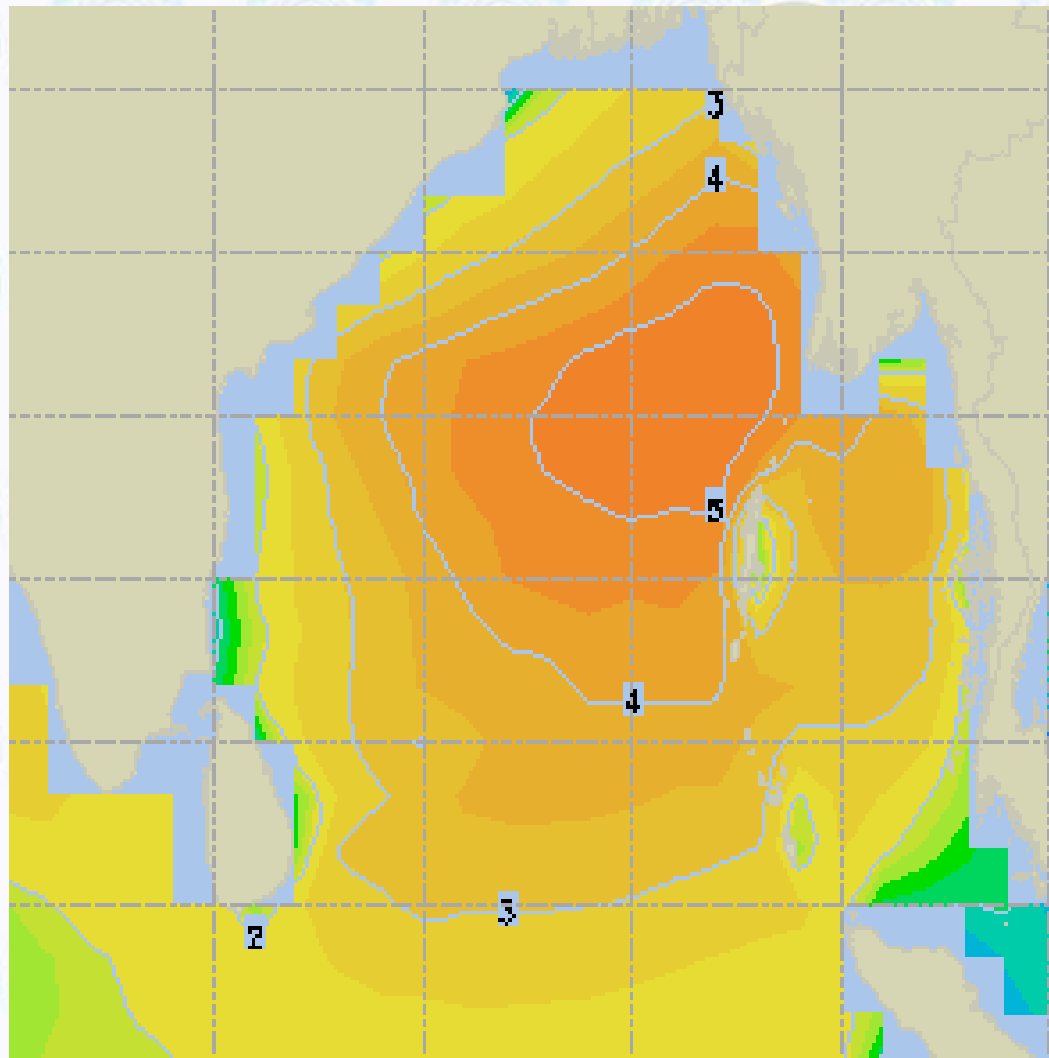
**10 Knots**



**60 Knots**



# Sea State Forecast – 05 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

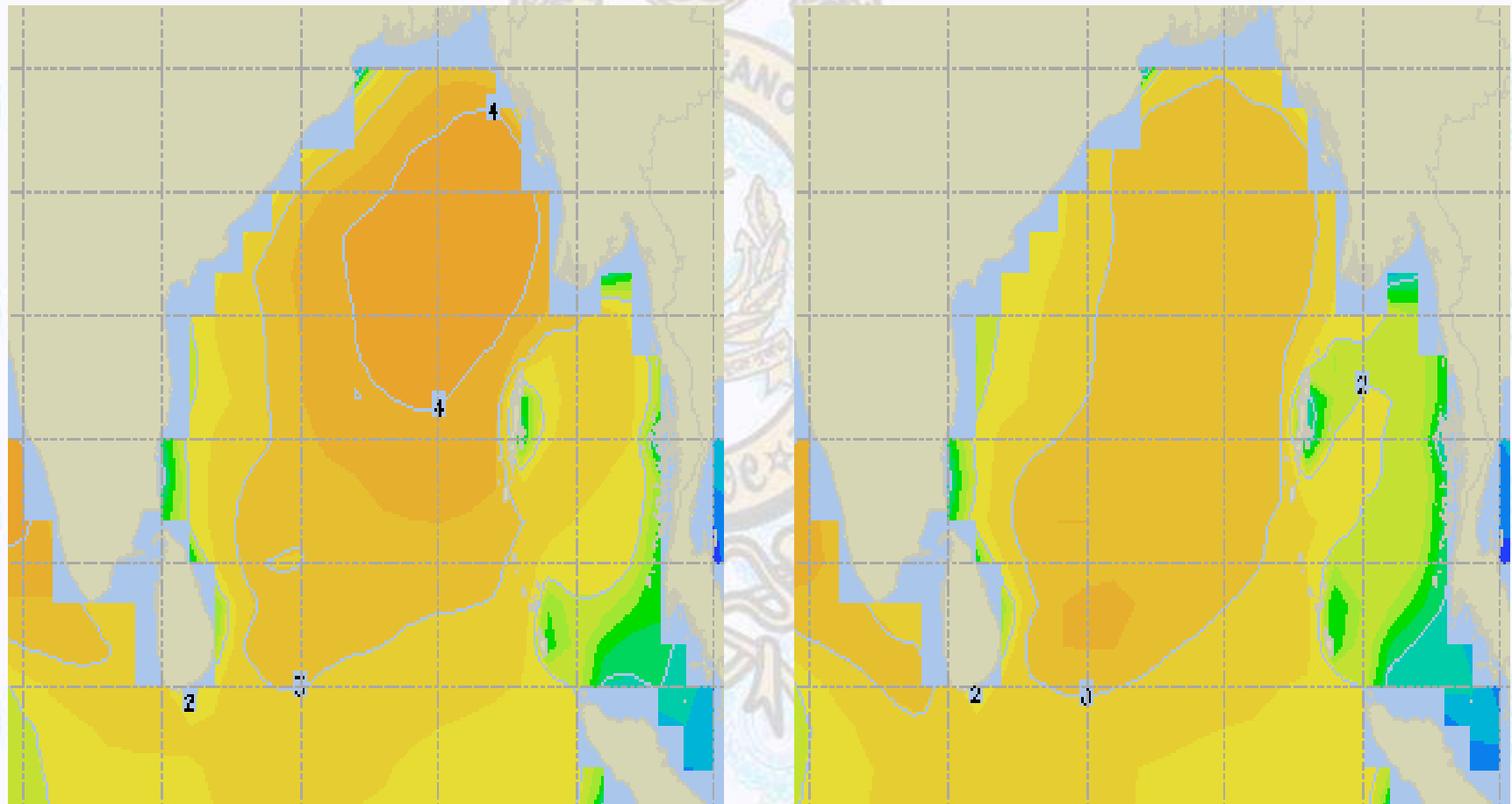




# Sea State Forecast – 06 & 07 Aug - 2020

06 August 20 Thursday

07 August 20 Friday

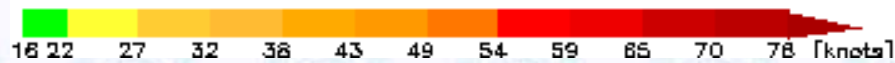
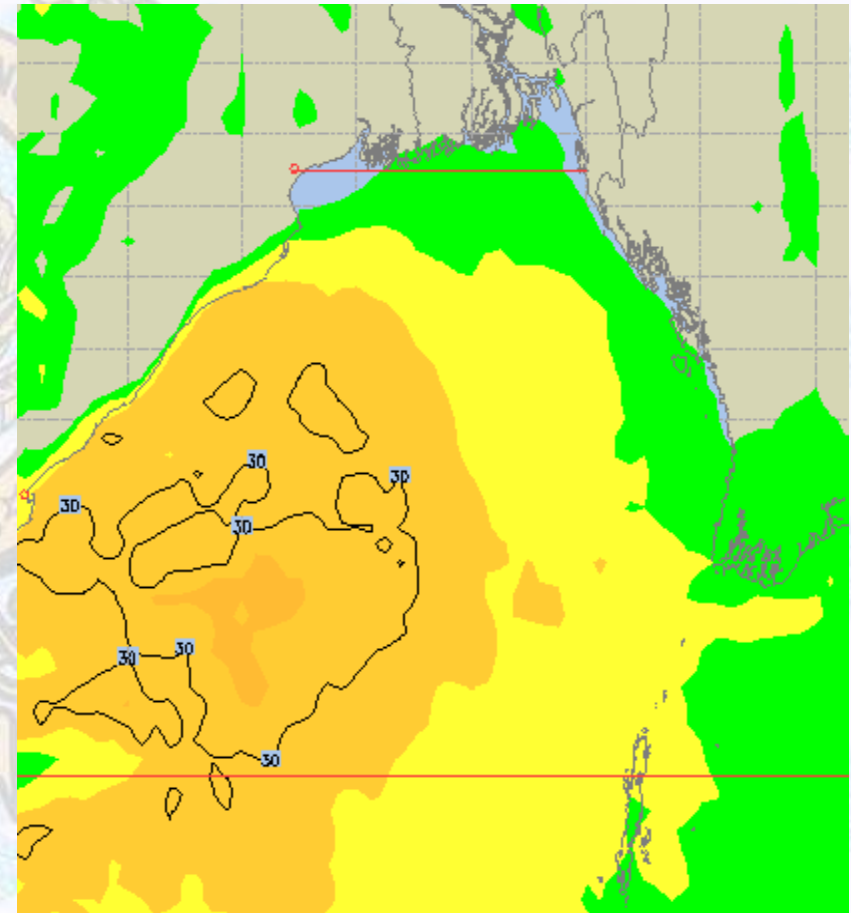
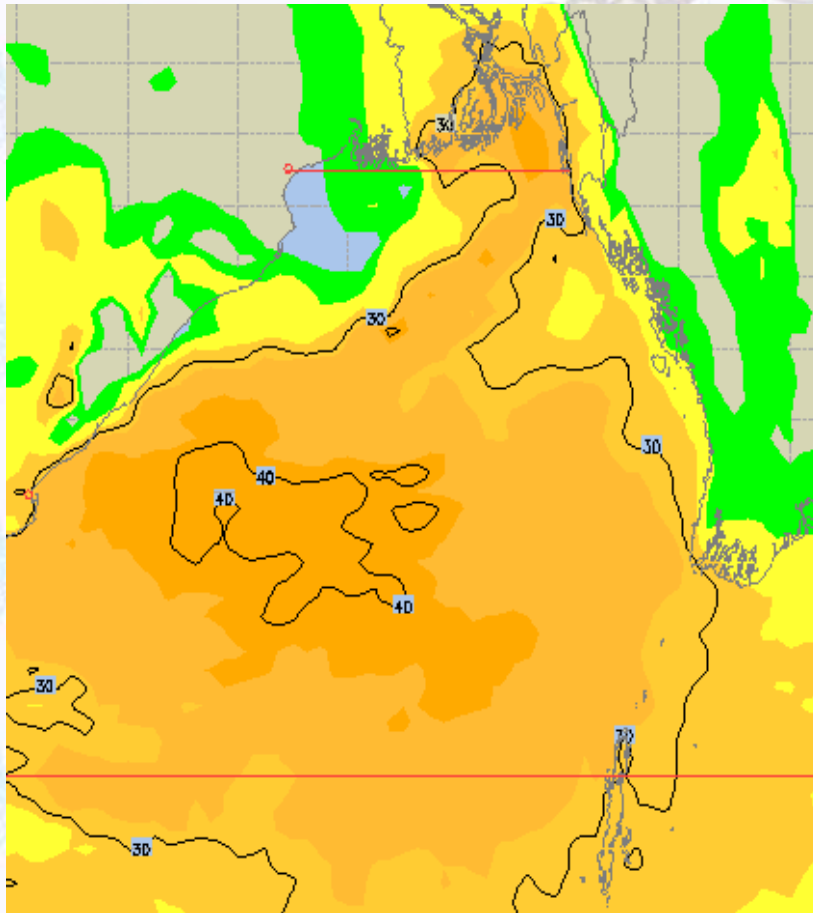




# Peak Gusting Possibilities—05 & 06 Aug 2020

05 August 20 Wednesday

06 August 20 Thursday



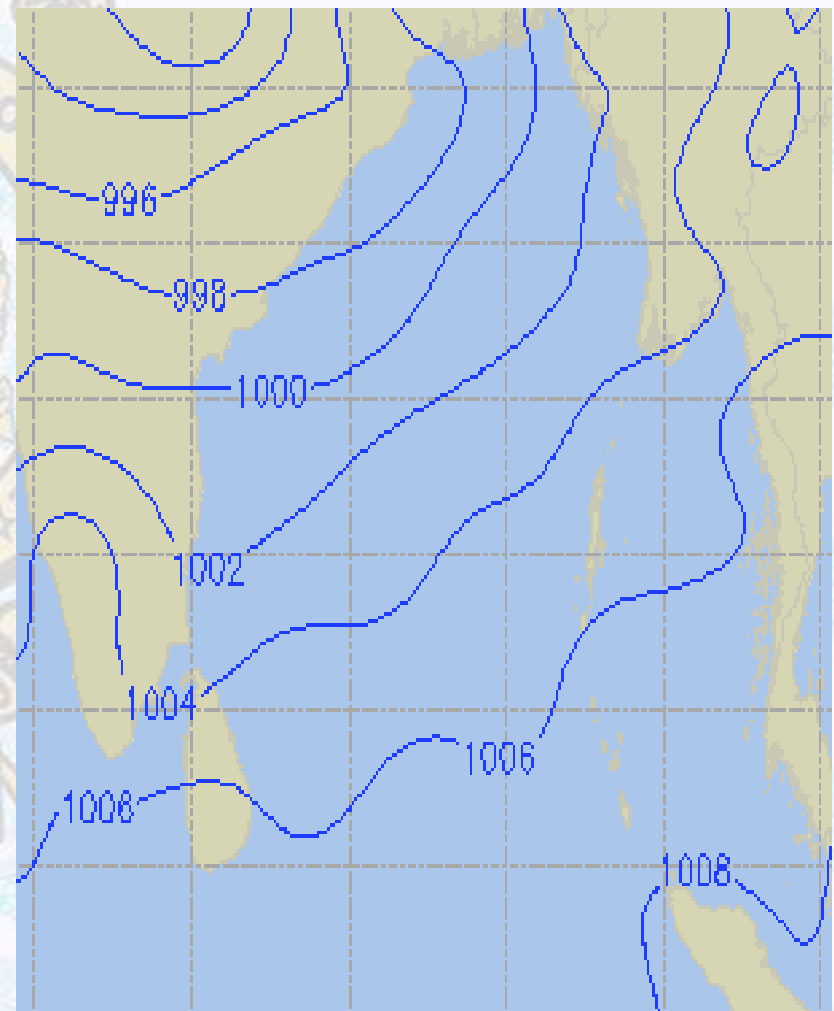
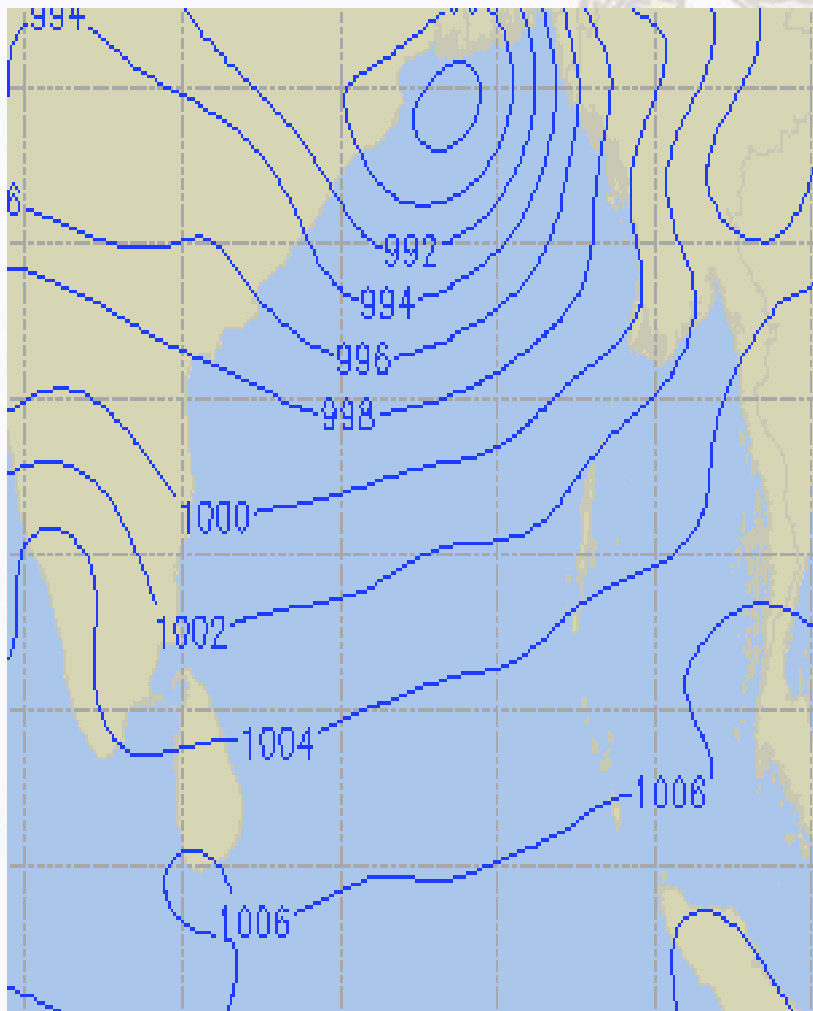




# Surface Pressure forecast– 05 & 06 Aug 2020

05 August 20 Wednesday

06 August 20 Thursday

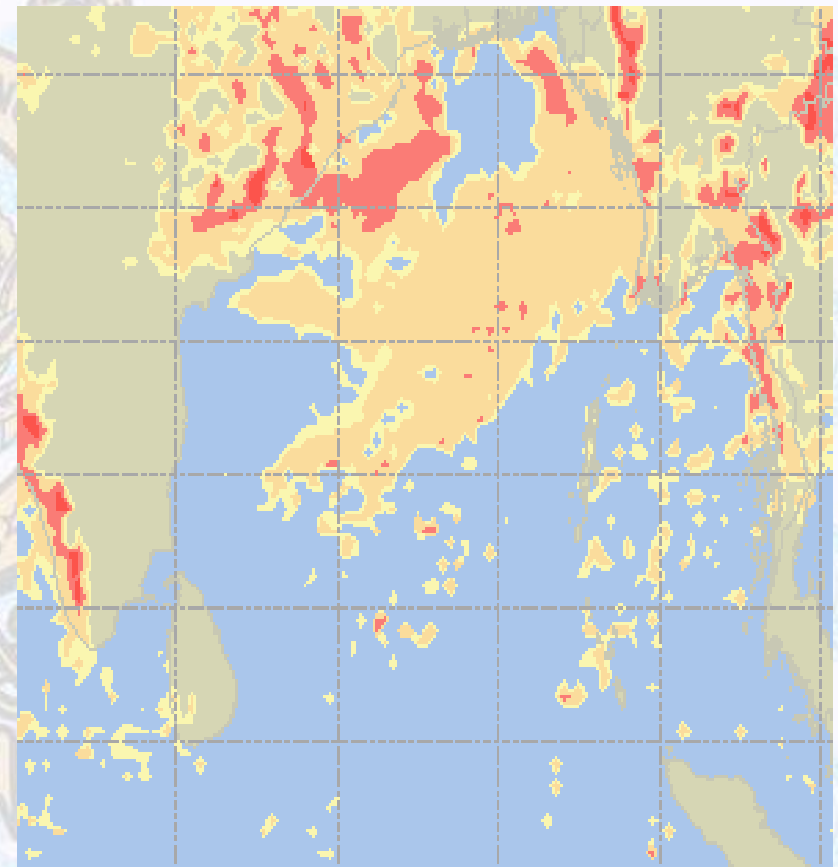
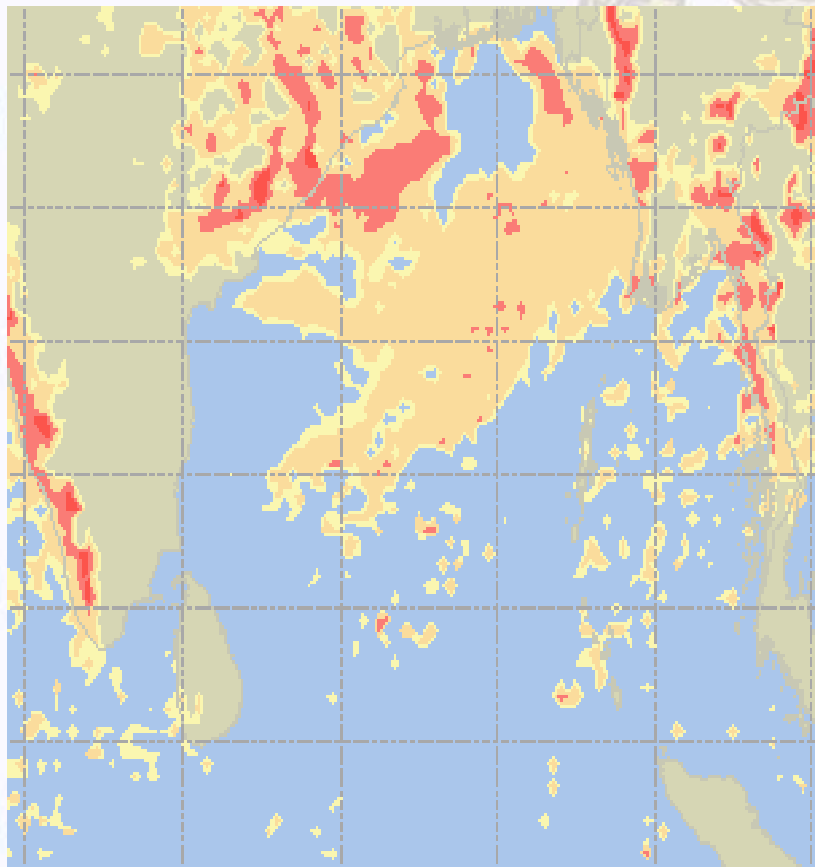




# Visibility at Sea Forecast – 05 & 06 Aug 2020

05 August 20 Wednesday

06 August 20 Thursday



**Visibility Scale:**

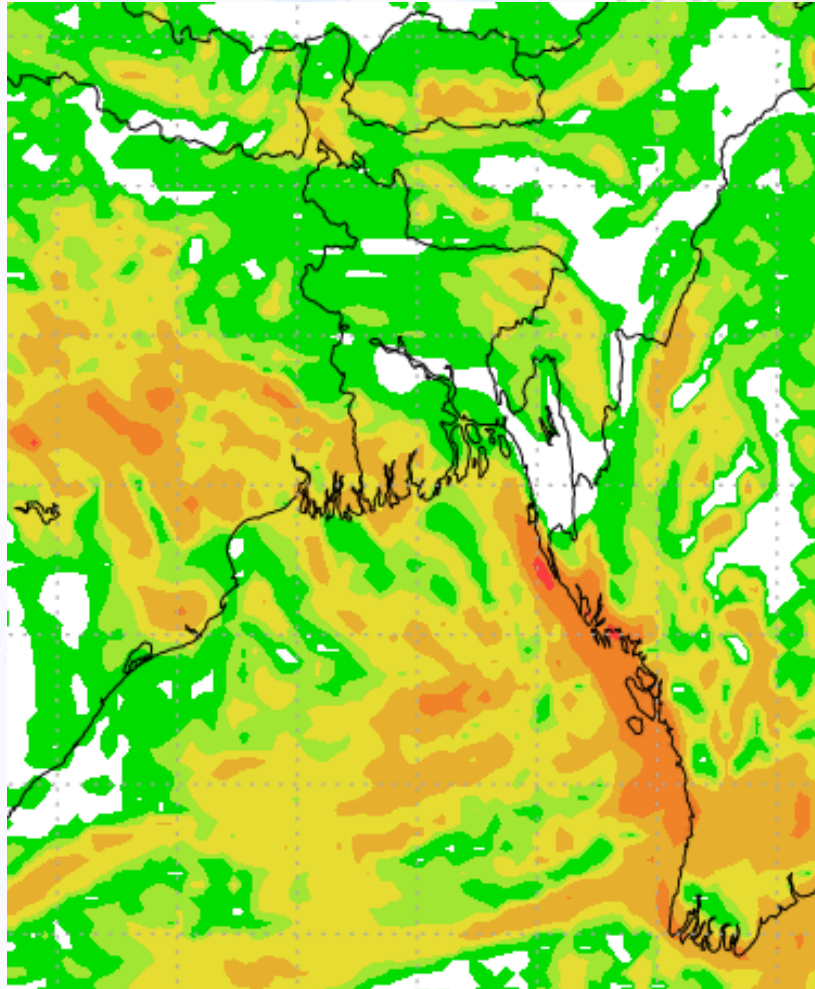


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

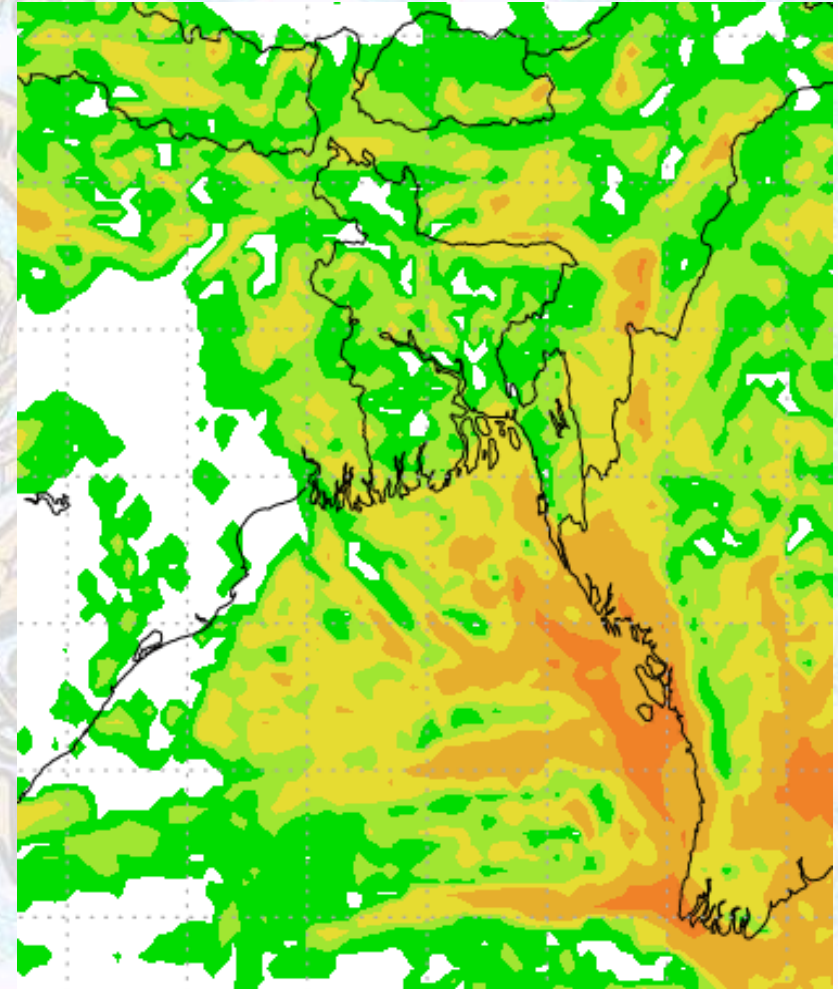


# Precipitation

Rain(mm) 05 & 06 Aug 2020



Rain(mm) 06 & 07 Aug 2020



Precipitation Scale (mm):





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

	Time	Height		Time	Height		Time	Height
<b>05 Aug 2020</b>	0151	5.13		0602	1.00		0532	1.06
	0810	0.82		1142	3.84		1134	3.40
	1358	5.51		1825	1.07		1805	1.06
	2040	0.77		2358	3.51		2353	3.17
<b>06 Aug 2020</b>	Time	Height		Time	Height		Time	Height
	0222	5.22		0637	1.02		0603	1.07
	0842	0.79		1218	3.79		1202	3.38
	1430	5.55		1858	1.10		1832	1.06
	2110	0.74		-	-		-	-
<b>07 Aug 2020</b>	Time	Height		Time	Height		Time	Height
	0254	5.26		0033	3.46		0022	3.18
	0914	0.80		0709	1.08		0632	1.11
	1503	5.51		1253	3.69		1229	3.34
	2139	0.74		1929	1.16		1858	1.07