



# **WEATHER FORECAST FOR BN**

**26 AUG- 29 AUG 2020**



# WEATHER FORECAST – DHAKA

## 26.08.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31 / 25	30 / 25	28 / 25	28 / 25
Wind	29 km/h SE	27 km/h SE	21 km/h SE	18 km/h SE
Humidity	73%	74%	81%	83%
Chance of Precip	17%	18%	24%	41%
Cloud Cover	66%	66%	76%	78%
Conditions	Cloudy	Cloudy	Cloudy/ Light Rain	Cloudy/ Light Rain
Sunrise Sunset	5: 38 AM 18: 21 PM			

### Conditions

Pressure : 1003 hpa

Visibility : 4.02 km

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





# WEATHER FORECAST – CHATTOGRAM

## 26.08.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	30 / 25	29 / 26	27 / 25	27 / 26
Wind	19 km/h SSE	23 km/h SSE	20 km/h SSE	17 km/h SSE
Humidity	78%	84%	89%	90%
Chance of Precip.	18%	19%	61%	49%
Cloud Cover	90%	85%	89%	91%
Conditions	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy/ Light Rain
Sunrise Sunset	5: 34 AM 18: 14 PM			

### Conditions

Pressure : 1005 hpa

Visibility : 9.66 Km

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



# WEATHER FORECAST – KHULNA

## 26.08.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	29 / 28	29 / 27	28 / 27	28 / 26
Wind	11 km/h NNE	11 km/h NNE	11 km/h NNE	10 km/h NNE
Humidity	90%	90%	94%	92%
Chance of Precip.	38%	24%	41%	44%
Cloud Cover	85%	83%	84%	71%
Conditions	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy/ Light Rain
Sunrise Sunset	5: 42 AM 18: 24 PM			

### Conditions

Pressure : 1001 hpa

Visibility : 11.27 Km

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





# GENERAL WEATHER FORECAST – DHAKA

Description	27 August 2020	28 August 2020	29 August 2020
<b>Temperature (C)</b>	30 °C/ 26 °C	31 °C/ 26 °C	32 °C/ 27 °C
<b>Summary</b>	Cloudy	Cloudy	Cloudy
<b>Sun Rise/Set</b>	5h38m48s/18h20m54s	5h39m06s/18h19m54s	5h39m30s/18h19m00s
<b>Day Length</b>	12h42m06s	12h40m48s	12h39m30s
<b>Moon Rise/ Set</b>	- -	2:54AM 12:50PM	3:48AM 1:46PM
<b>Moon Phase/ illu</b>	Waxing Gibbous, 7%	Waxing Gibbous, 74%	Waxing Gibbous, 83%
<b>NauticalTwilight</b>	04:48,19:11	04:48,19:10	04:49,19:09
<b>Civil Twilight</b>	05:15,18:44	05:15,18:43	05:16,18:42
<b>Humidity</b>	D : 79% N : 85%	D : 78% N : 85%	D : 74% N : 84%
<b>Barometer (mb)</b>	1005	1004	1004
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	80%	100%	80%
<b>Wind (mph)</b>	18 Km/h SE	13 Km/h SSE	12 Km/h S

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



# GENERAL WEATHER FORECAST – CHATTOGRAM

Description	27 August 2020	28 August 2020	29 August 2020
<b>Temperature (C)</b>	30 °C/ 26 °C	30 °C/ 26 °C	31 °C/ 26 °C
<b>Summary</b>	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy/ Light Rain
<b>Sun Rise/Set</b>	5h34m34s/18h13m48s	5h34m42s/18h12m48s	5h35m00s/18h12m00s
<b>Day Length</b>	12h39m24s	12h38m06s	12h37m00s
<b>Moon Rise/ Set</b>	- -	2:44AM 12:47PM	3:39AM 1:43PM
<b>Moon Phase/ illu</b>	Waxing Gibbous, 7%	Waxing Gibbous, 74%	Waxing Gibbous, 83%
<b>Nautical Twilight</b>	04:44, 19:03	04:44, 19:02	04:45, 19:01
<b>Civil Twilight</b>	05:11, 18:36	05:11, 18:35	05:11, 18:34
<b>Humidity</b>	D : 83% N : 92%	D : 85% N : 92%	D : 83% N : 92%
<b>Barometer (mb)</b>	1007	1006	1006
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	60%	80%	50%
<b>Wind (mph)</b>	16 Km/h S	15 Km/h S	13 Km/h SSW

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





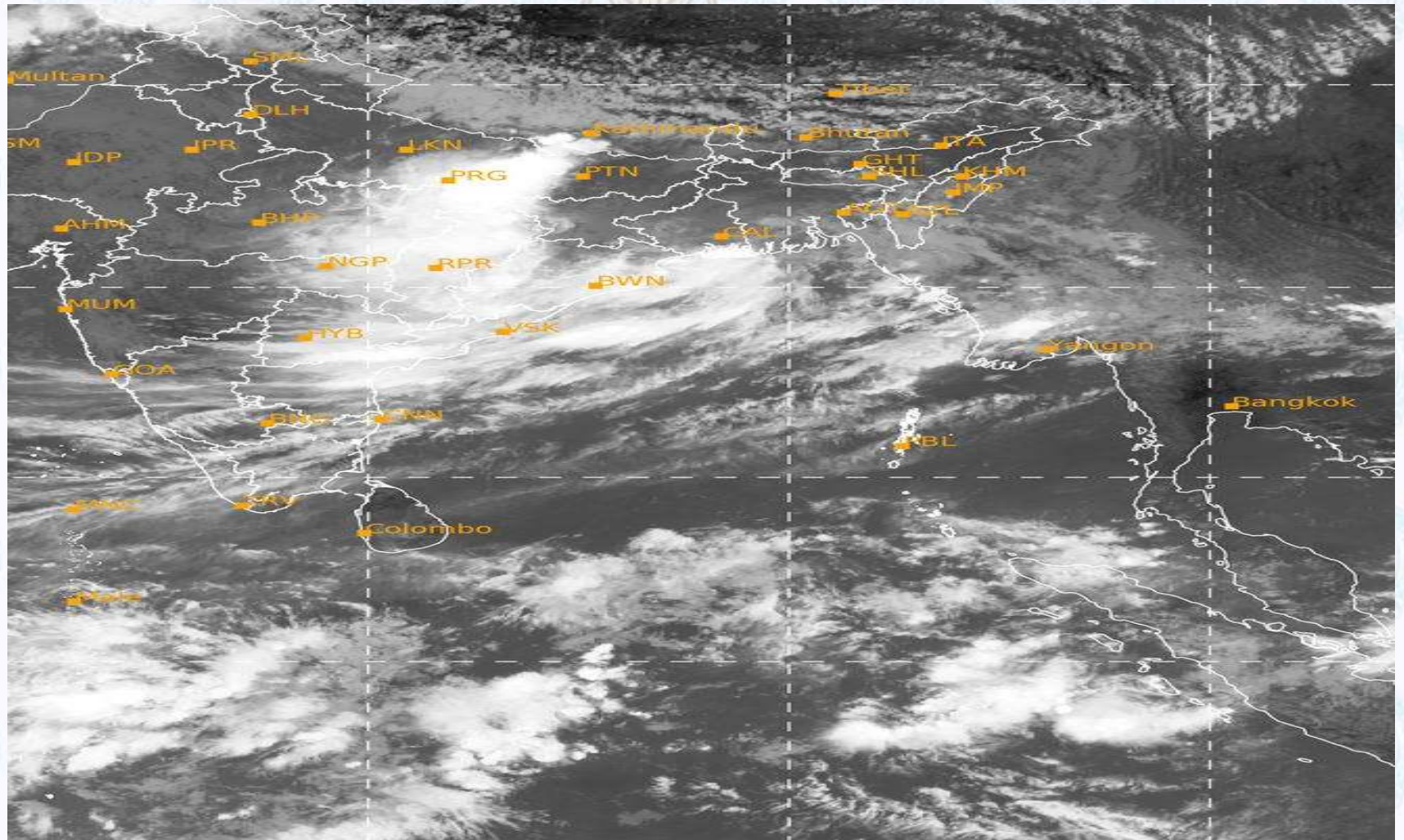
# GENERAL WEATHER FORECAST – KHULNA

Description	27 August 2020	28 August 2020	29 August 2020
<b>Temperature(C)</b>	30°C/ 26°C	31°C/ 27°C	32°C/ 27°C
<b>Summary</b>	Cloudy/ Light Rain	Cloudy	Cloudy
<b>Sun Rise/Set</b>	5h43m06s/18h23m24s	5h43m24s/18h22m24s	5h43m42s/18h21m30s
<b>Day Length</b>	12h40m18s	12h39m00s	12h37m48s
<b>Moon Rise/Set</b>	1:57AM 12:05PM	2:55AM 12:57PM	3:50AM 1:53PM
<b>Moon Phase/illu</b>	Waxing Gibbous, 63%	Waxing Gibbous, 74%	Waxing Gibbous, 83%
<b>Nautical Twilight</b>	04:52, 19:13	04:53, 19:12	04:53, 19:11
<b>Civil Twilight</b>	05:19, 18:46	05:20, 18:45	05:20, 18:44
<b>Humidity</b>	D : 84% N : 88%	D : 81% N : 87%	D : 78% N : 87%
<b>Barometer (mb)</b>	1003	1003	1004
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	80%	80%	60%
<b>Wind (mph)</b>	19 km/h SSE	14 km/h S	11 km/h S

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



# SATELLITE VIEW OF BAY OF BENGAL



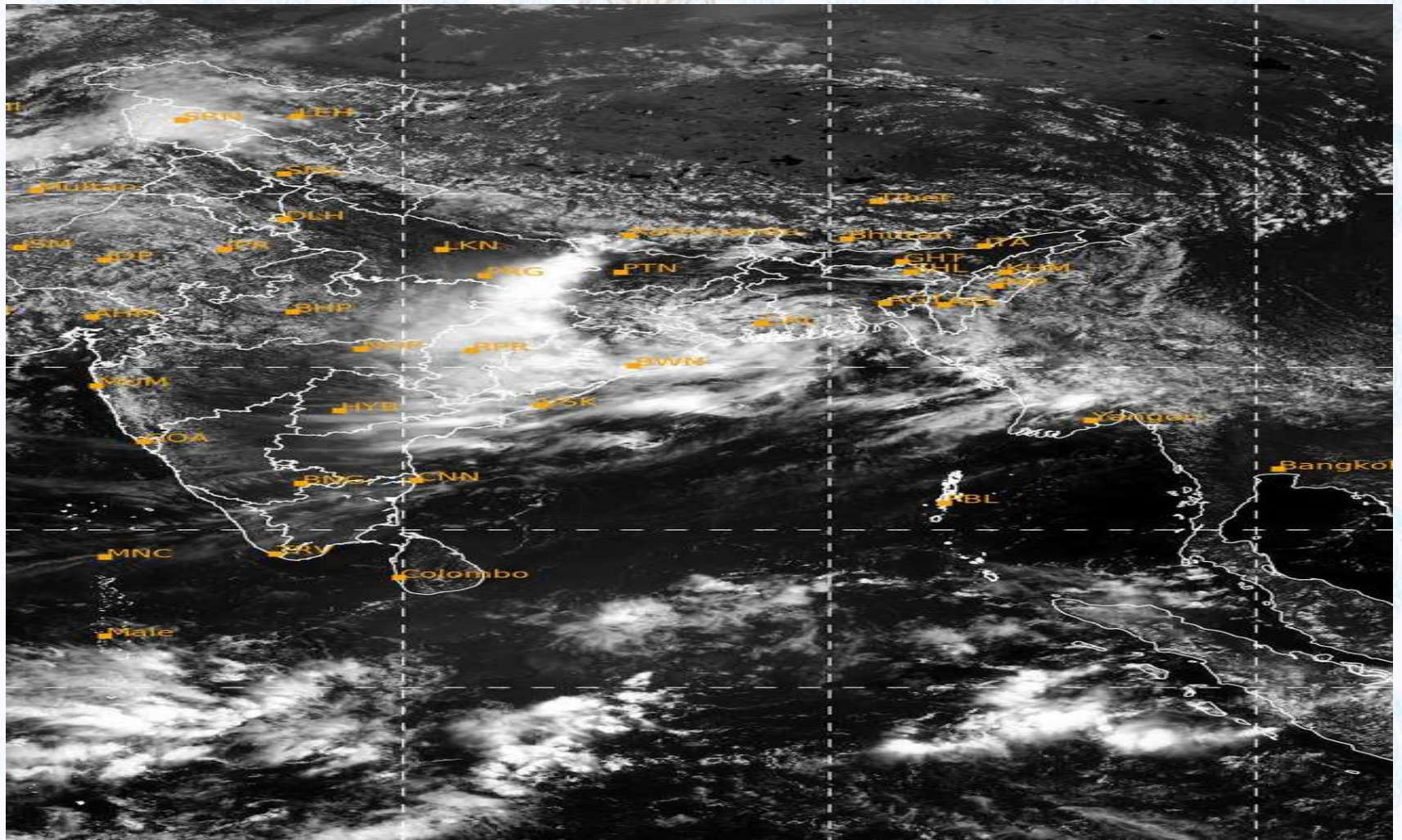
26/08/2020, 11:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



26/08/2020, 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 26.08.2020)

<b>Part One</b>	WARNING BAY OF BENGAL..	
<b>Part Two</b>	THE WELL-MARKED LOW OVER NORTH BAY AND ADJOINING COASTAL AREA OF BANGLADESH NOW LIES OVER NORTHWEST BAY AND ADJOINING AREA. MONSOON IS STRONG ELSEWHERE OVER NORTHEAST BAY.	
<b>Part Three</b>	Weather	RAIN/THUNDER SHOWERS OVER AREA C-90.
	Wind	SOUTH/SOUTH-EASTERLY 15-20 KTS,TEMPORARY GUSTING TO 30 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 =1005 HPA





## **Inland River Port Warning** **(VALID TILL 06 PM OF 26.08.2020)**

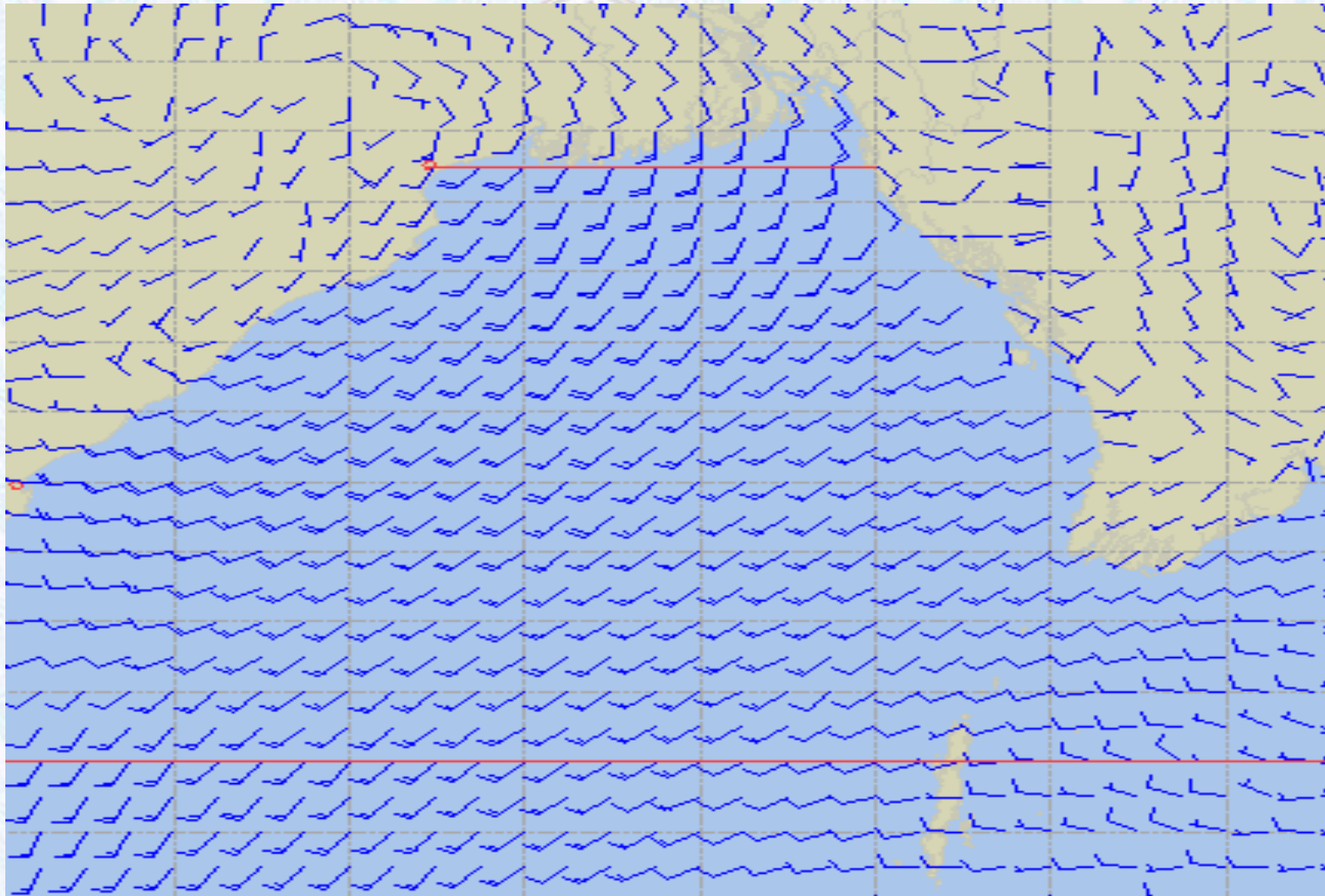
IN ASSOCIATION WITH RAIN/THUNDER SHOWERS TEMPORARY S/SE'LY, SQUALLS SPEED 60-80 KPH IS LIKELY TO OCCUR OVER THE REGIONS OF DHAKA, FARIDPUR, MADARIPUR, JASHORE, KUSHTIA, KHULNA, BARISHAL, PATUAKHAL, NOAKHALI, CUMILLA, CHATTOGRAM AND COX'S BAZAR WHEREIN RIVERPORTS SHALL HOIST RIVERINE WARNING SIGNAL NO. TWO (R) TWO.

RAIN/THUNDER SHOWERS ACCOMPANID BY TEMPORARY S/SE'LY, GUSTY/SQUALLY WIND SPEED 45-60 KPH IS LIKELY TO OCCUR ELSEWHERE OVER THE COUNTRY WHEREIN RIVERPORTS SHALL HOIST CAUTIONARY SIGNAL NO. ONE (R) ONE.

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



# Surface Wind Forecast- 27 Aug- 2020



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



**60 Knots**

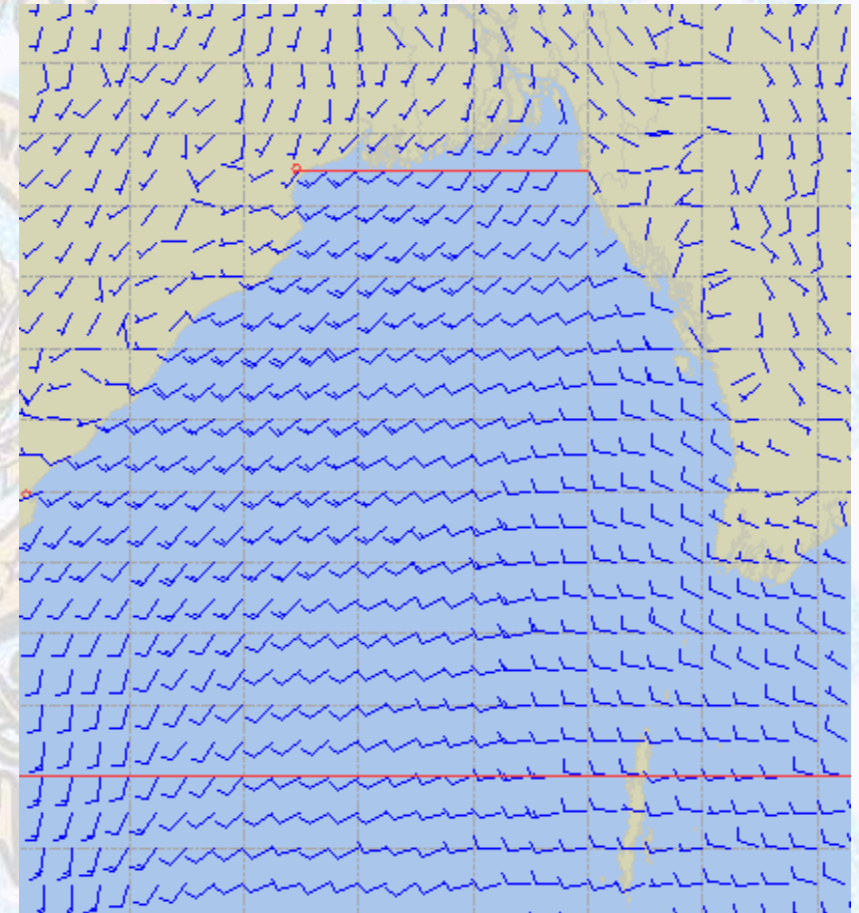
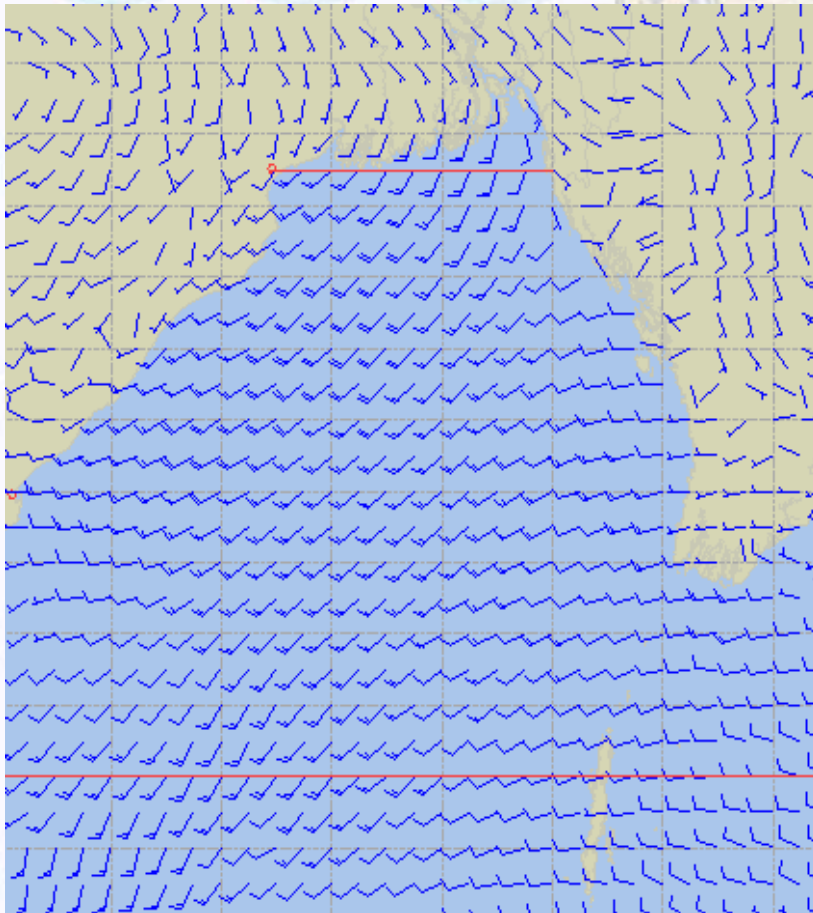




# Surface Wind Forecast – 28 & 29 Aug - 2020

28 August 20 Friday

29 August 20 Saturday



**Legend:**



**Calm  
Winds**



**5 Knots**



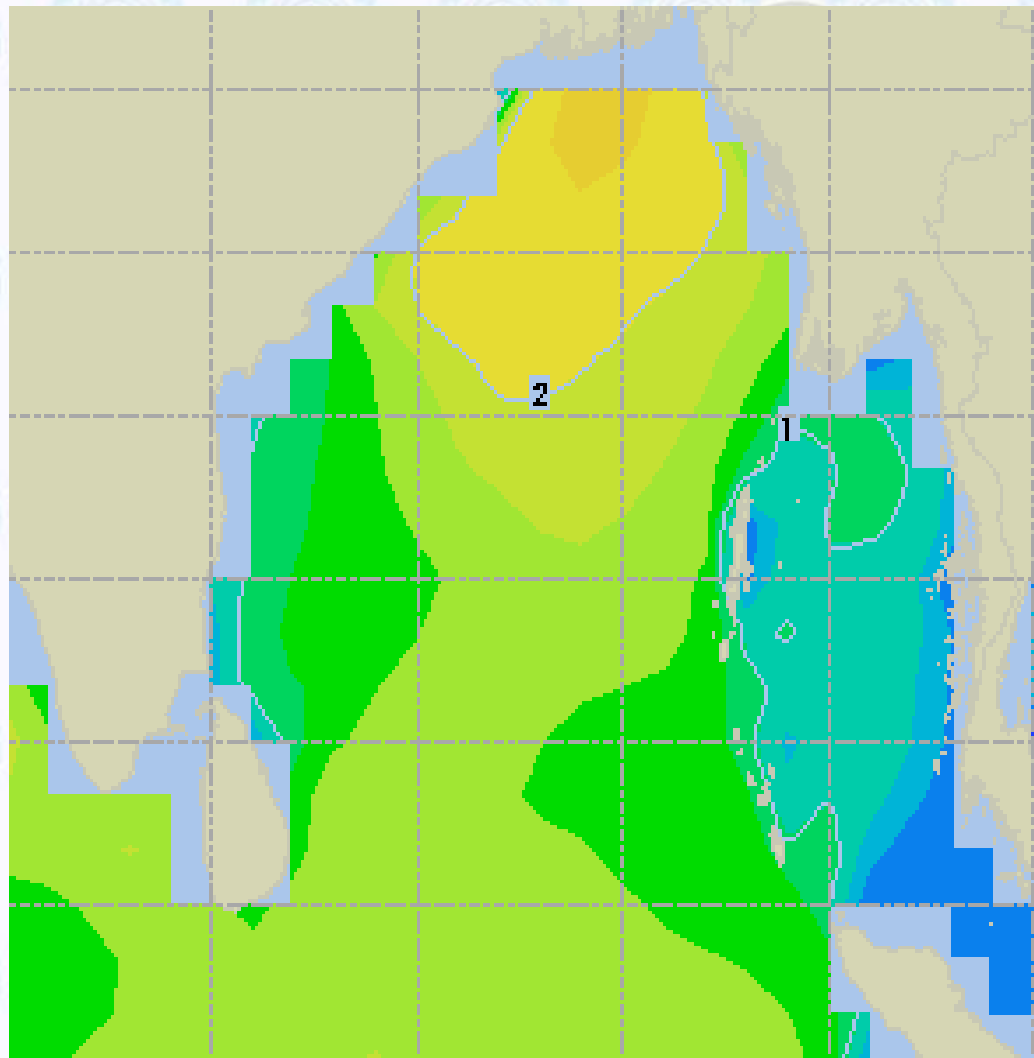
**10 Knots**



**60 Knots**



# Sea State Forecast – 27 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



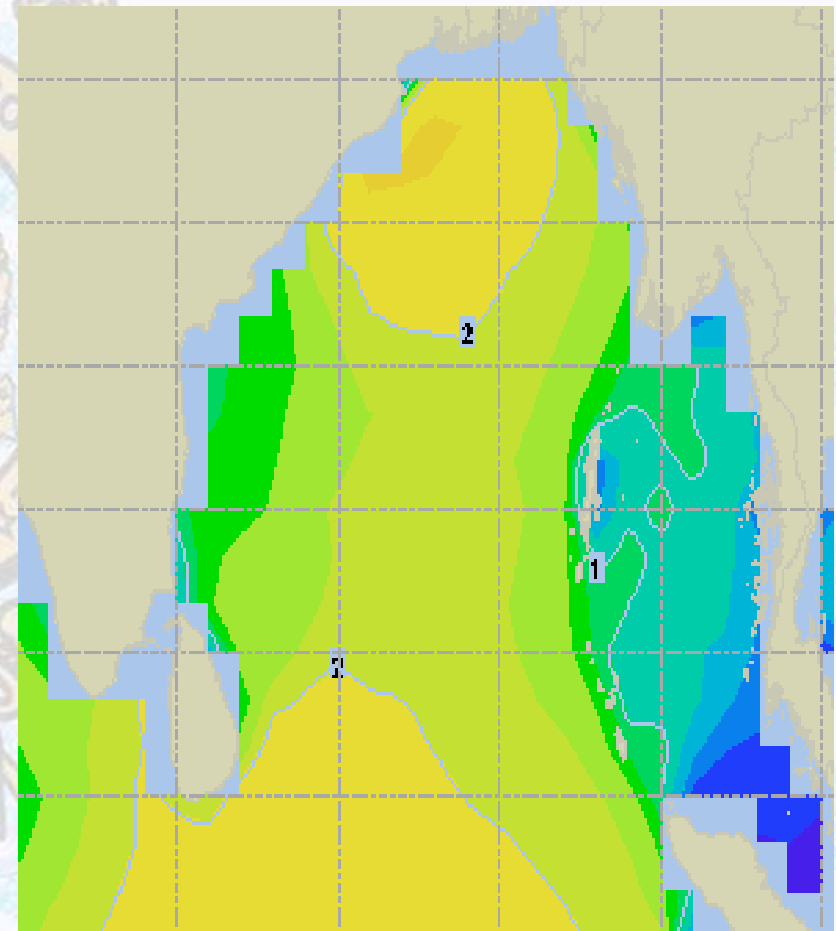
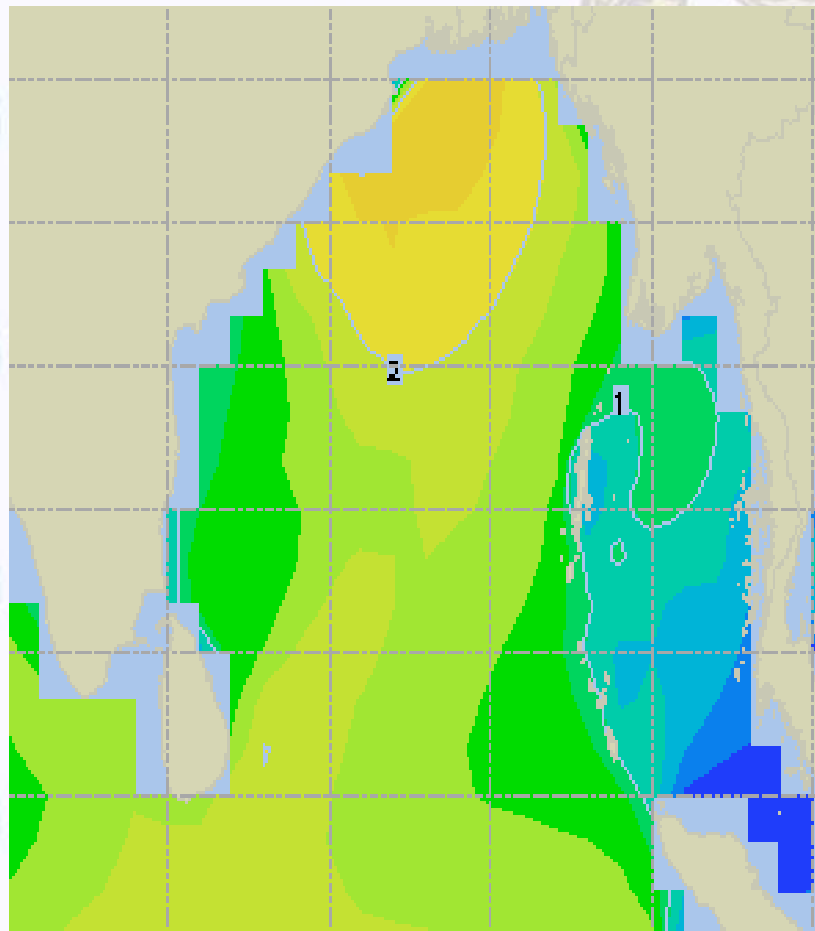




# Sea State Forecast – 28 & 29 Aug - 2020

28 August 20 Friday

29 August 20 Saturday

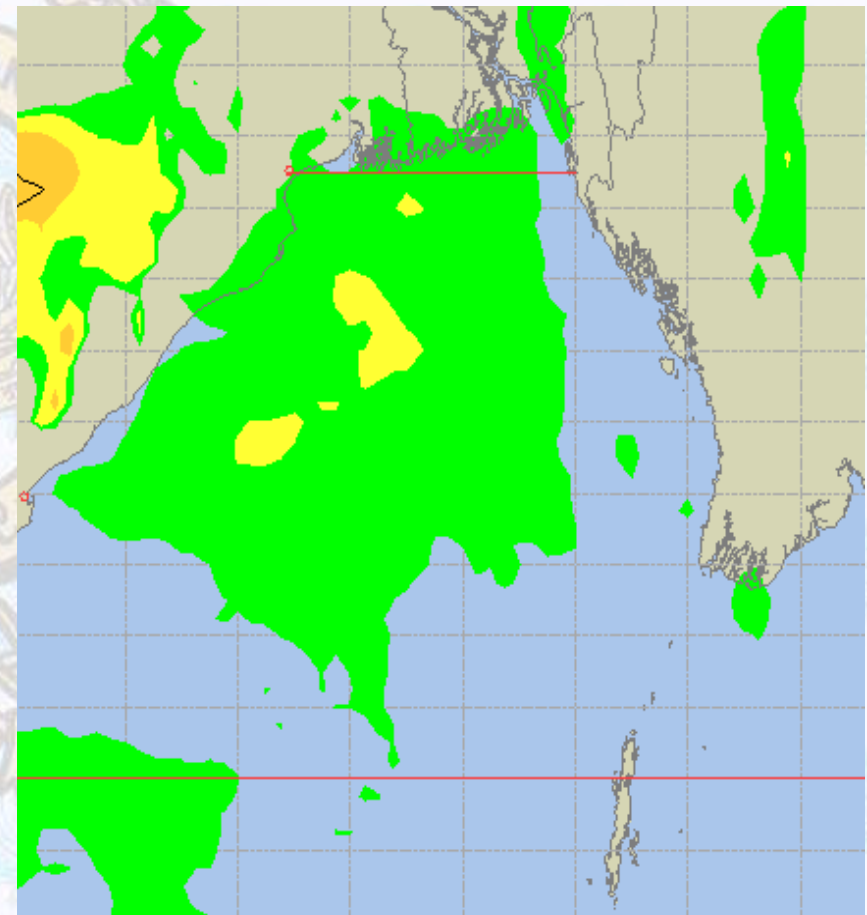
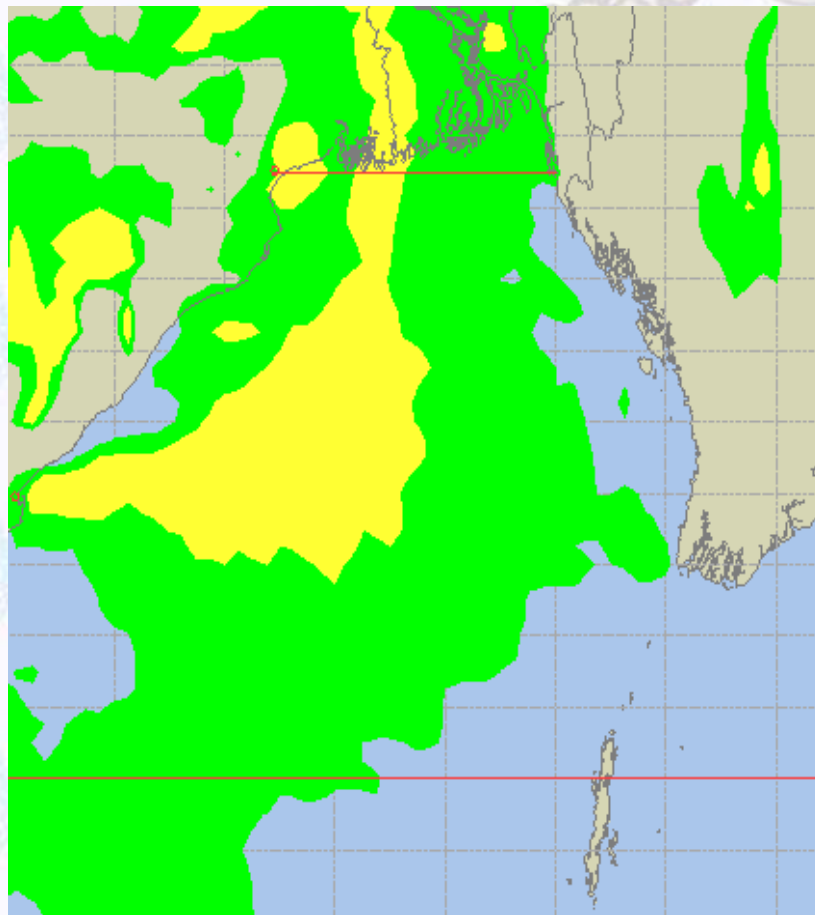




# Peak Gusting Possibilities– 27 & 28 Aug 2020

27 August 20 Thursday

28 August 20 Friday

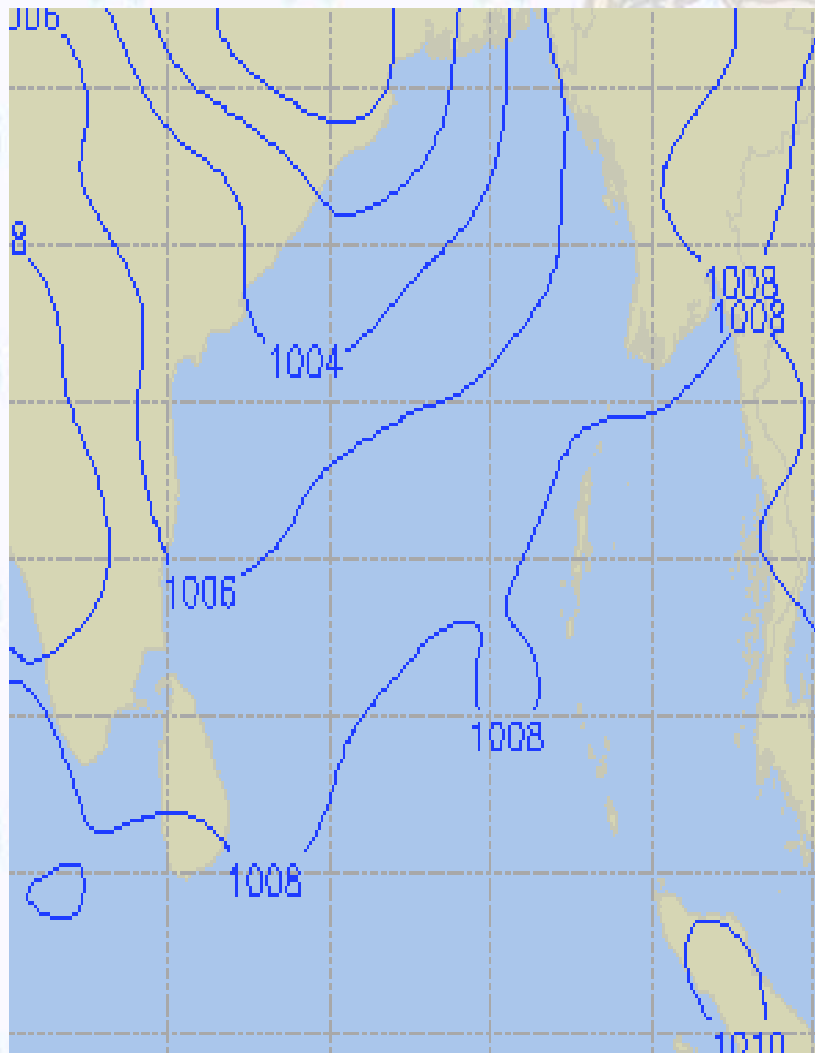




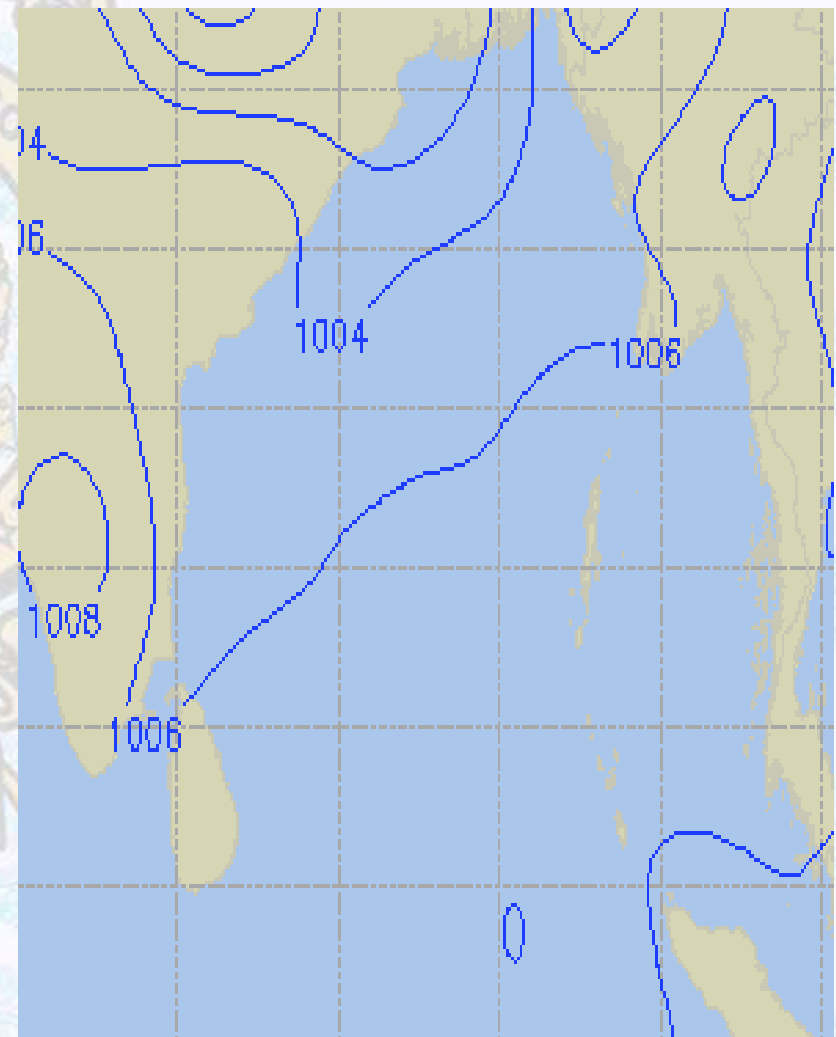


# Surface Pressure forecast– 27 & 28 Aug 2020

27 August 20 Thursday



28 August 20 Friday

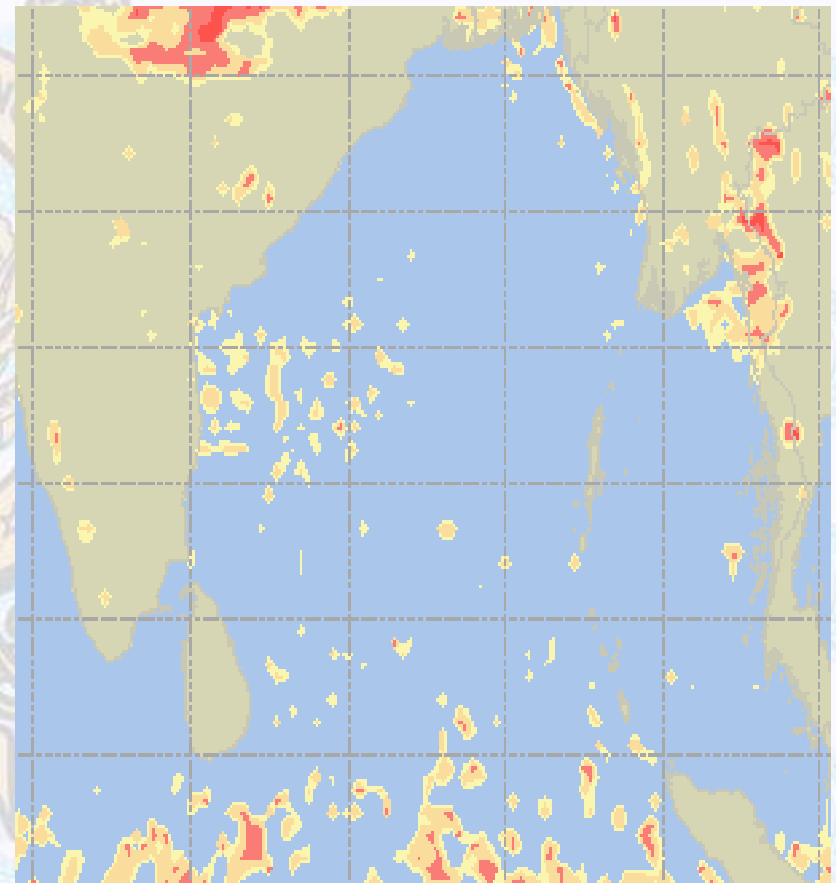
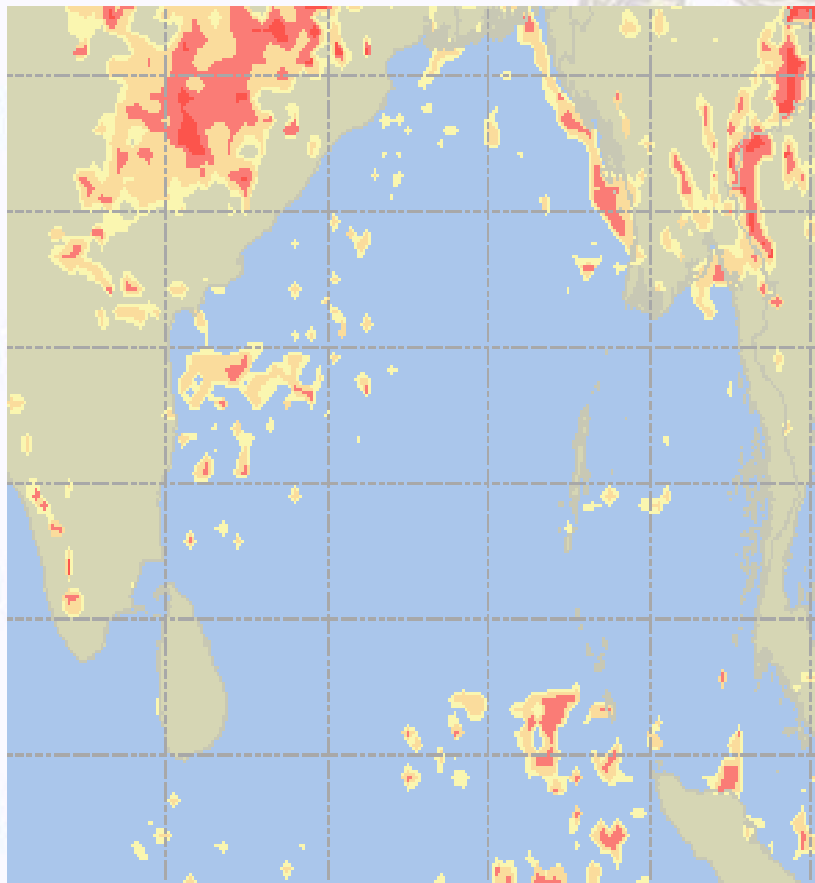




# Visibility at Sea Forecast – 27 & 28 Aug 2020

27 August 20 Thursday

28 August 20 Friday



**Visibility Scale:**



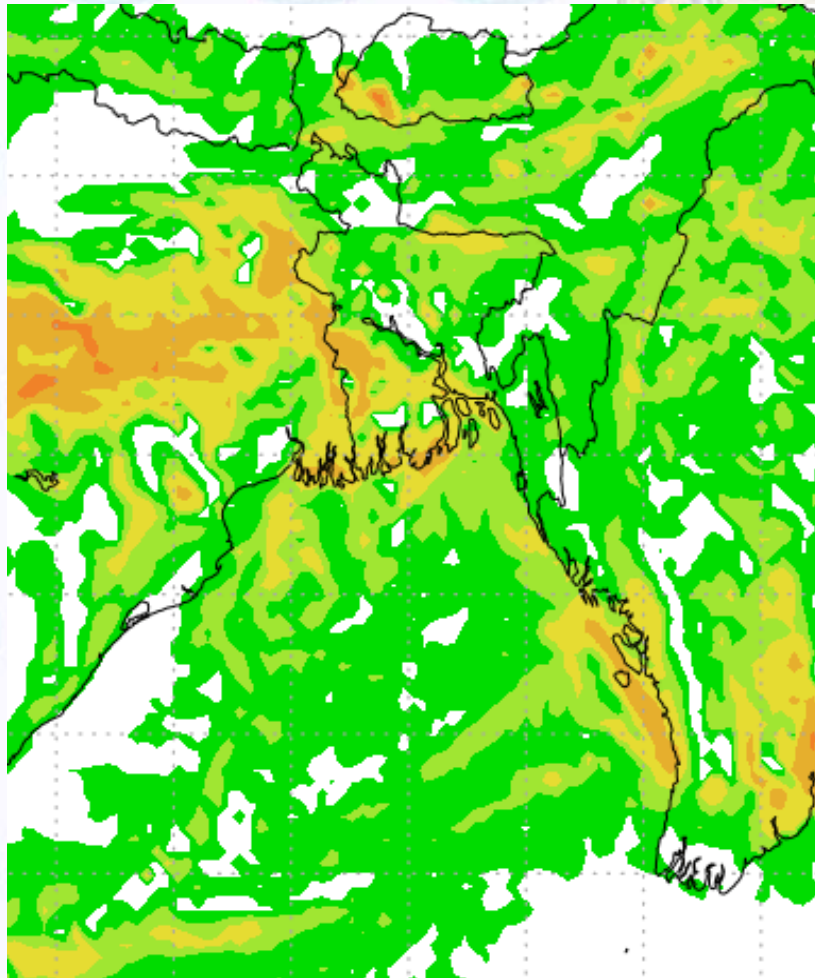
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



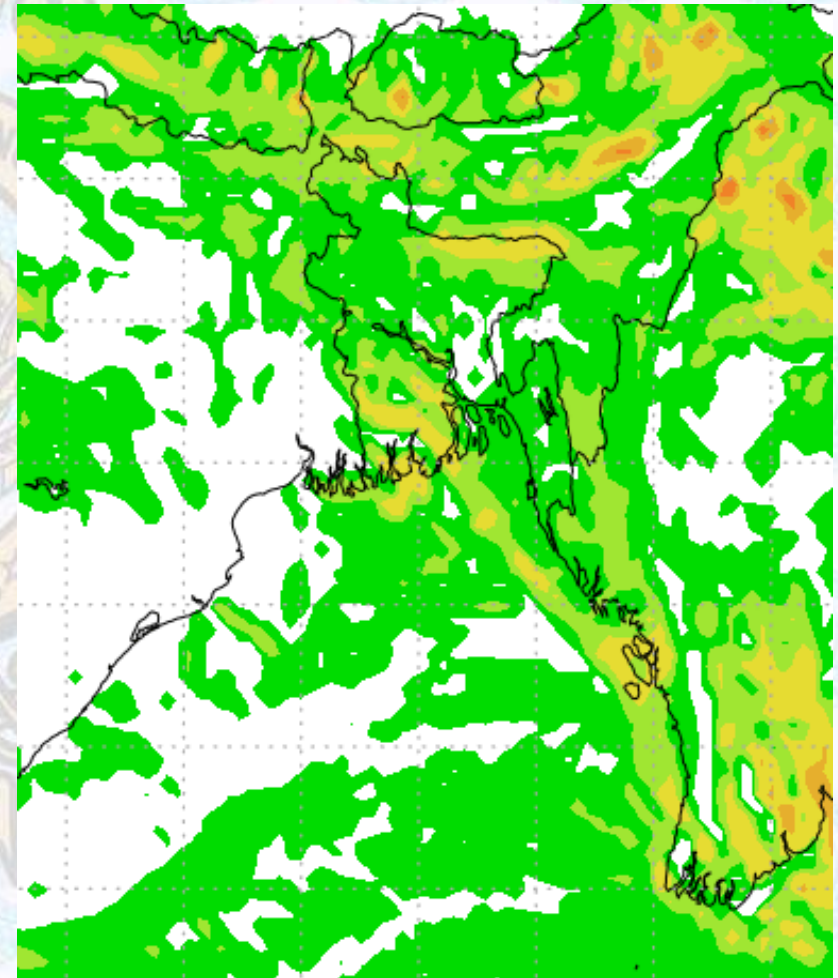


# Precipitation

Rain(mm) 27 & 28 Aug 2020



Rain(mm) 28 & 29 Aug 2020



Precipitation Scale (mm):





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

	Time	Height		Time	Height		Time	Height
27 Aug 2020	0122	1.40		0458	2.96		0451	2.79
	0745	4.53		1142	1.40		1129	1.68
	1423	1.47		1736	2.75		1725	2.48
	2032	4.10		-	-		2353	1.55
28 Aug 2020	0247	1.51		0018	1.40		0638	2.78
	0910	4.51		0626	2.94		1317	1.63
	1549	1.38		1312	1.39		1923	2.52
	2200	4.17		1908	2.75		-	-
29 Aug 2020	0407	1.43		0139	1.35		0126	1.50
	1024	4.46		0743	3.06		0800	2.90
	1700	1.19		1427	1.30		1433	1.47
	2307	4.39		2019	2.89		2037	2.69