



# **WEATHER FORECAST FOR BN**

***27 SEP- 29 SEP 2020***





# WEATHER FORECAST – DHAKA

## 26.09.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	30 / 25	29 / 25	28 / 24	28 / 25
Wind	18 km/h S	16 km/h S	11 km/h SSE	11 km/h SSE
Humidity	78%	79%	81%	83%
Chance of Precip	48%	24%	24%	21%
Cloud Cover	88%	92%	94%	93%
Conditions	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy/ Light Rain
Sunrise Sunset	5: 49 AM 17: 52 PM			

### Conditions

Pressure : 1004 hpa

Visibility : 4.02 km

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



# WEATHER FORECAST – CHATTOGRAM

## 26.09.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	30 / 27	29 / 26	28 / 26	28 / 26
Wind	20 km/h S	19 km/h S	17 km/h SSE	17 km/h SSE
Humidity	84%	85%	90%	90%
Chance of Precip.	60%	51%	65%	61%
Cloud Cover	81%	86%	84%	87%
Conditions	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy/ Light Rain
Sunrise Sunset	5: 43 AM 17: 46 PM			

### Conditions

Pressure : 1006 hpa

Visibility : 8.05 Km

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



# WEATHER FORECAST – KHULNA

## 26.09.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31 / 28	30 / 28	28 / 27	28 / 27
Wind	15 km/h SSW	13 km/h S	8 km/h SSE	7 km/h S
Humidity	85%	88%	93%	94%
Chance of Precip.	75%	17%	34%	34%
Cloud Cover	90%	92%	89%	89%
Conditions	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy/ Light Rain
Sunrise Sunset	5: 52 AM 17: 55 PM			

### Conditions

Pressure : 1004 hpa

Visibility : 14.48 Km

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



# GENERAL WEATHER FORECAST – DHAKA

Description	27 Sep 2020	28 Sep 2020	29 Sep 2020
<b>Temperature (C)</b>	31 °C/ 26 °C	32 °C/ 27 °C	33 °C/ 27 °C
<b>Summary</b>	Partly Cloudy/ Light Rain	Partly Cloudy/ Light Rain	Partly Cloudy/ Light Rain
<b>Sun Rise/Set</b>	5h48m48s/17h49m12s	5h49m00s/17h48m18s	5h49m12s/17h47m18s
<b>Day Length</b>	12h00m24s	11h59m18s	11h58m06s
<b>Moon Rise/ Set</b>	3:22 PM 1:35 AM	4:03 PM 2:31 AM	4:39 PM 3:36 AM
<b>Moon Phase/ illu</b>	Waxing Gibbous, 79%	Waxing Gibbous, 87%	Waxing Gibbous, 93%
<b>NauticalTwilight</b>	04:59, 18:38	05:00, 18:37	05:00, 18:36
<b>Civil Twilight</b>	05:26, 18:12	05:26, 18:11	05:26, 18:10
<b>Humidity</b>	D : 81% N : 86%	D : 76% N : 86%	D : 75% N : 85%
<b>Barometer (mb)</b>	1004	1005	1005
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	50%	30%	20%
<b>Wind (mph)</b>	13 Km/h S	10 Km/h SSE	6 Km/h SSE

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



# GENERAL WEATHER FORECAST– CHATTOGRAM

Description	27 Sep 2020	28 Sep 2020	29 Sep 2020
<b>Temperature (C)</b>	30 °C/ 25 °C	32 °C/ 26 °C	32 °C/ 26 °C
<b>Summary</b>	Partly Cloudy/ Light Rain	Partly Cloudy/ Light Rain	Partly Cloudy/ Light Rain
<b>Sun Rise/Set</b>	5h43m00s/17h43m48s	5h43m06s/17h43m00s	5h43m12s/17h42m00s
<b>Day Length</b>	12h00m48s	11h59m54s	11h58m48s
<b>Moon Rise/ Set</b>	3:14 PM 1:32 AM	3:55 PM 2:27 AM	4:32 PM 3:22 AM
<b>Moon Phase/ illu</b>	Waxing Gibbous, 79%	Waxing Gibbous, 87%	Waxing Gibbous, 93%
<b>NauticalTwilight</b>	04:54, 18:32	04:54, 18:31	04:55, 18:30
<b>Civil Twilight</b>	05:20, 18:06	05:20, 18:05	05:21, 18:04
<b>Humidity</b>	D : 85% N : 92%	D : 81% N : 92%	D : 82% N : 92%
<b>Barometer (mb)</b>	1006	1006	1006
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	70%	50%	60%
<b>Wind (mph)</b>	16 Km/h S	11 Km/h SSW	8 Km/h SW

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



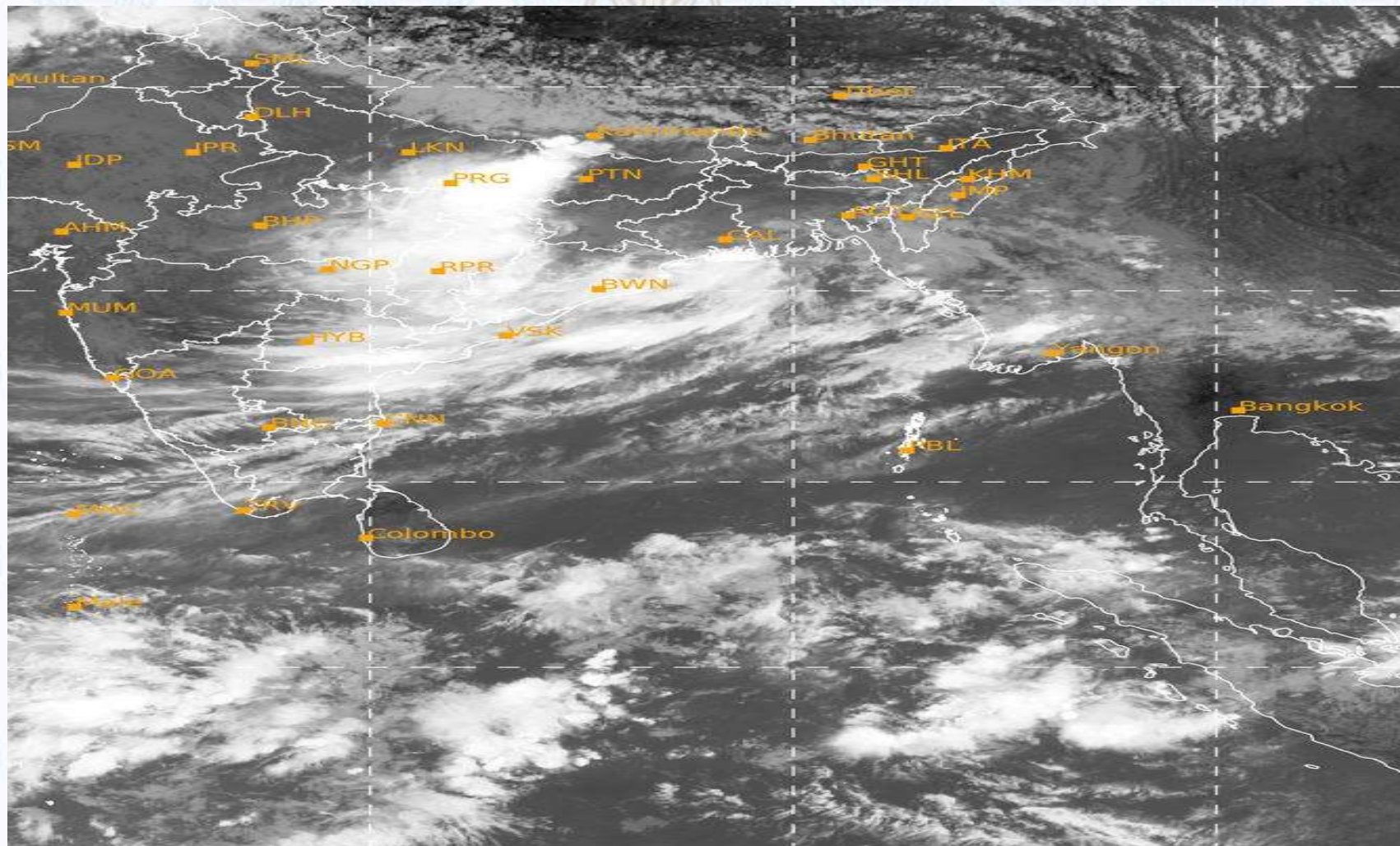
# GENERAL WEATHER FORECAST – KHULNA

Description	27 Sep 2020	28 Sep 2020	29 Sep 2020
<b>Temperature(C)</b>	31°C/ 26°C	32°C/ 26°C	33°C/ 26°C
<b>Summary</b>	Partly Cloudy/ Light Rain	Partly Cloudy/ Light Rain	Partly Cloudy/ Light Rain
<b>Sun Rise/Set</b>	5h52m06s/17h52m48s	5h52m18s/17h52m00s	5h52m24s/17h51m00s
<b>Day Length</b>	12h00m42s	11h59m42s	11h58m36s
<b>Moon Rise/Set</b>	3:24 PM 1:40 PM	4:05 PM 2:36 PM	4:42 PM 3:30 PM
<b>Moon Phase/illu</b>	Waxing Gibbous, 79%	Waxing Gibbous, 87%	Waxing Gibbous, 93%
<b>Nautical Twilight</b>	05:03, 18:41	05:03, 18:40	05:04, 18:39
<b>Civil Twilight</b>	05:29, 18:15	05:30, 18:14	05:30, 18:13
<b>Humidity</b>	D : 84% N : 90%	D : 79% N : 89%	D : 78% N : 87%
<b>Barometer (mb)</b>	1004	1005	1005
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	90%	60%	60%
<b>Wind (mph)</b>	10 km/h S	8 km/h SSE	7 km/h SSE

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



# SATELLITE VIEW OF BAY OF BENGAL



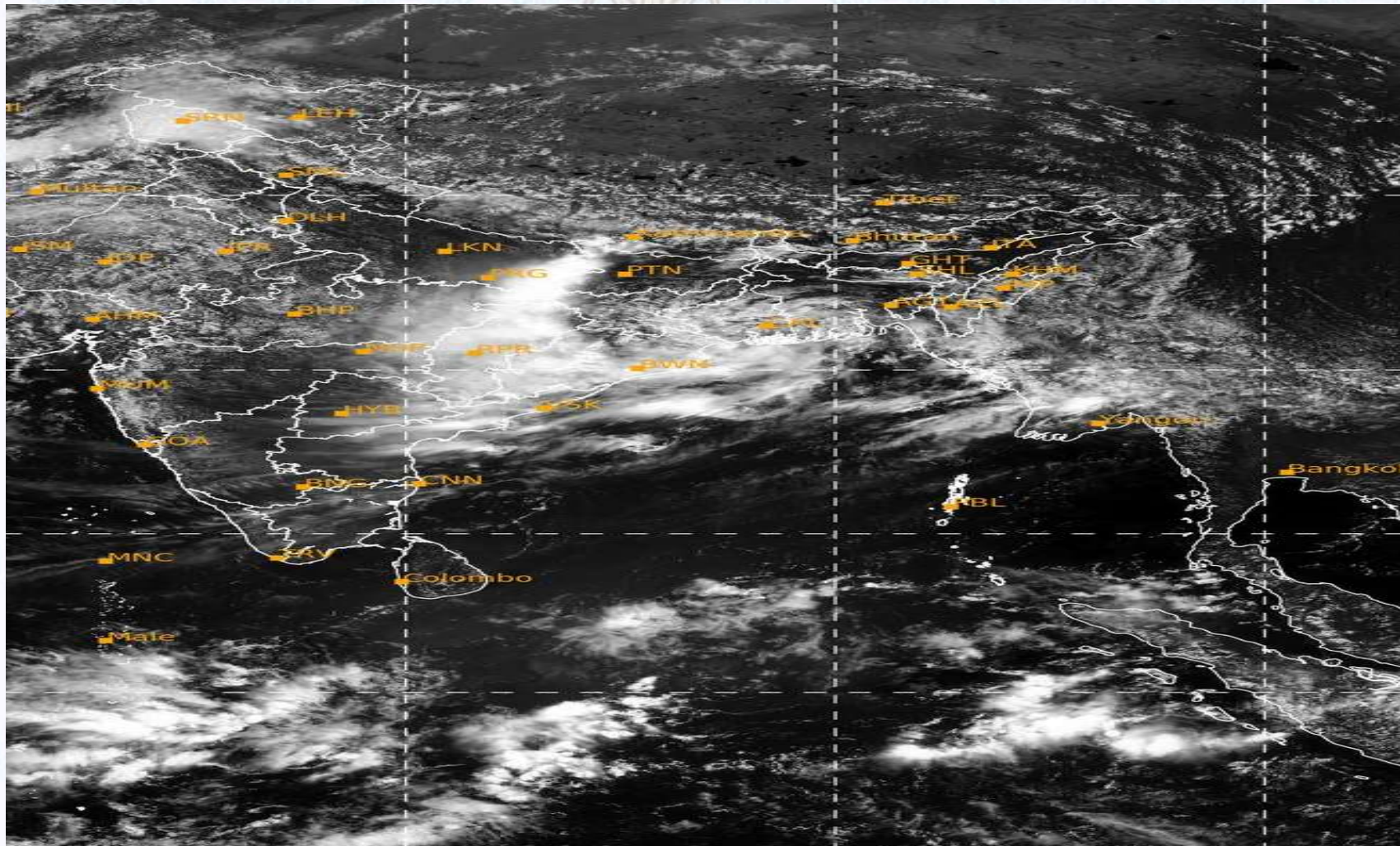
26/09/2020, 11:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



26/09/2020, 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 26.09.2020)

<b>Part One</b>	WARNING BAY OF BENGAL.	
<b>Part Two</b>	TROUGH OF LOW LES OVER NORTH BAY . MONSOON IS STRONG OVER NORTH BAY. DEEP CONVECTION IS TAKING PLACES 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 2000 METER OR LESS IN RAIN/SHOWERS.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 26,0000 UTC. CHATTOGRAM =1006 HPA



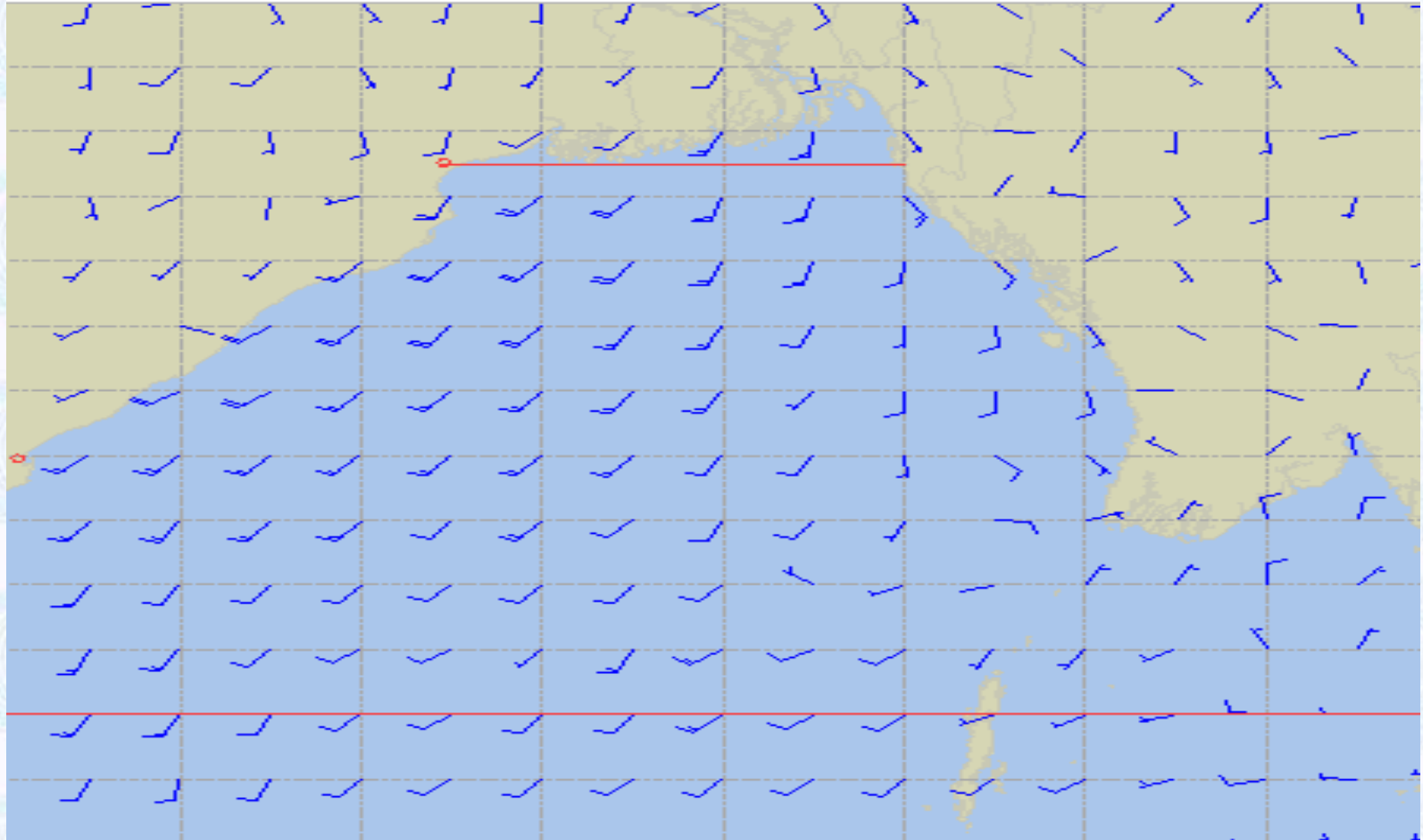
## **Inland River Port Warning** **(VALID TILL 06 PM OF 26.09.2020)**

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

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



# Surface Wind Forecast- 27 Sep- 2020



## Legend:



Calm  
Winds



5 Knots



10 Knots



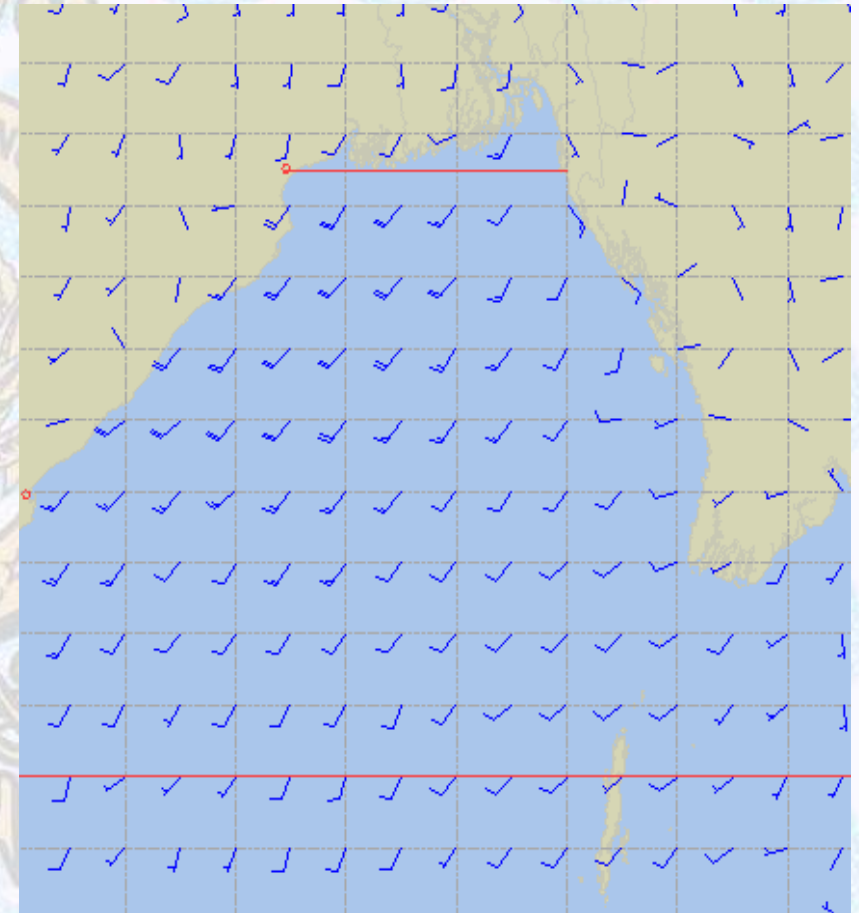
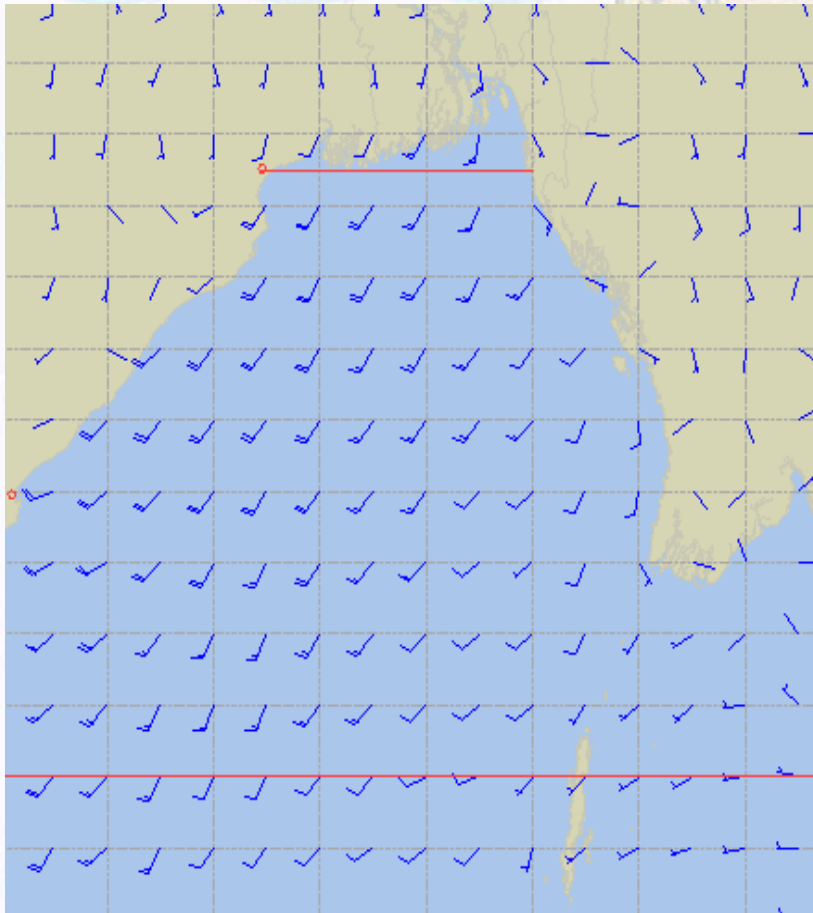
60 Knots



# Surface Wind Forecast – 28 & 29 Sep - 2020

28 Sep 20 Monday

29 Sep 20 Tuesday



**Legend:**



**Calm  
Winds**



**5 Knots**



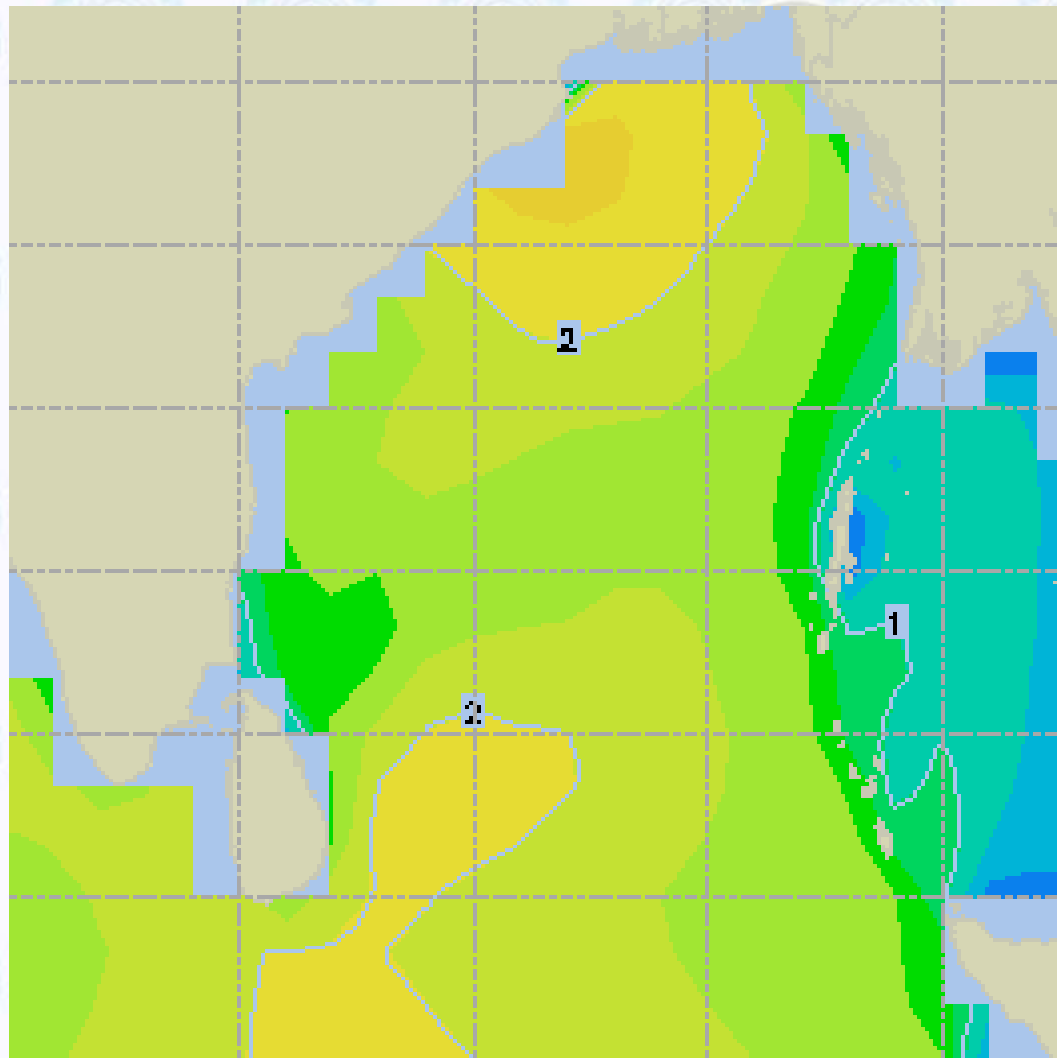
**10 Knots**



**60 Knots**



# Sea State Forecast – 27 Sep- 2020



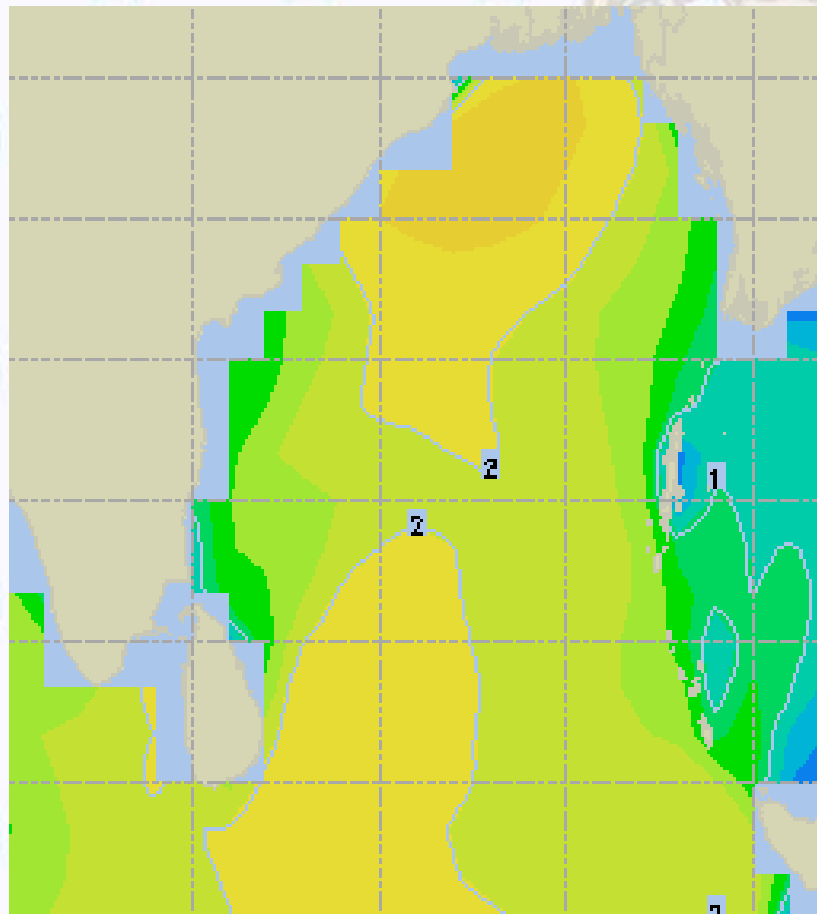
Sea State	Ht (m)
0	0-0.1
1	0-0.1
2	0.1-0.5
3	0.5-1.25
4	1.25-2.5
5	2.5-4.0
6	4-6
7	6-9
8	9-14
9	Over 14



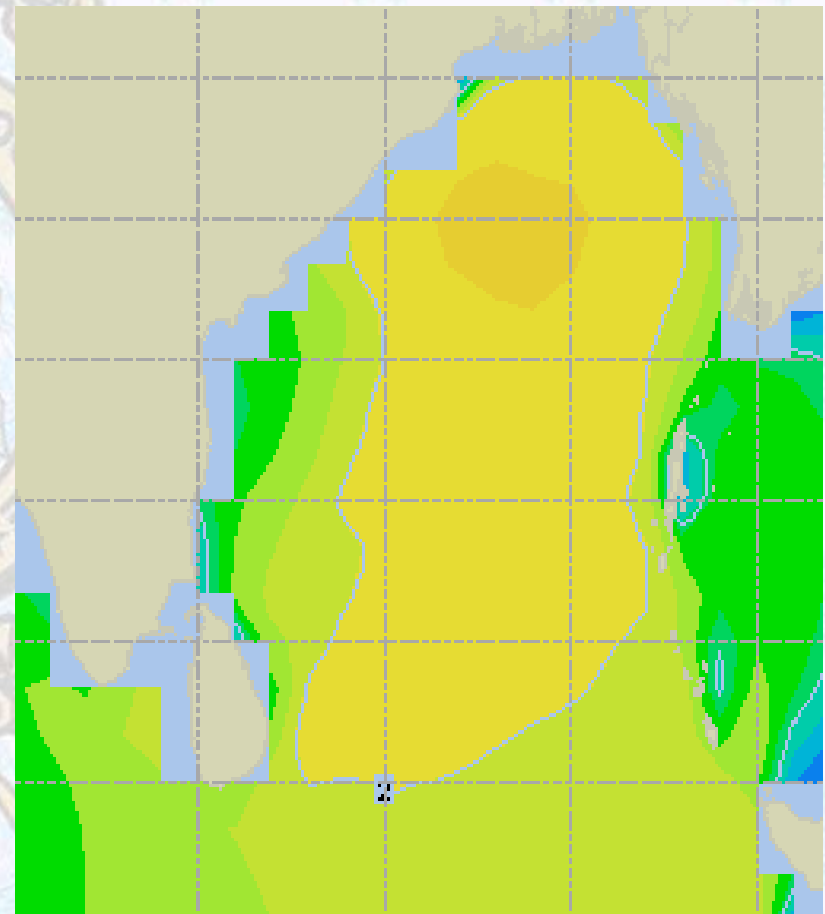


# Sea State Forecast – 28 & 29 Sep - 2020

28 Sep 20 Monday



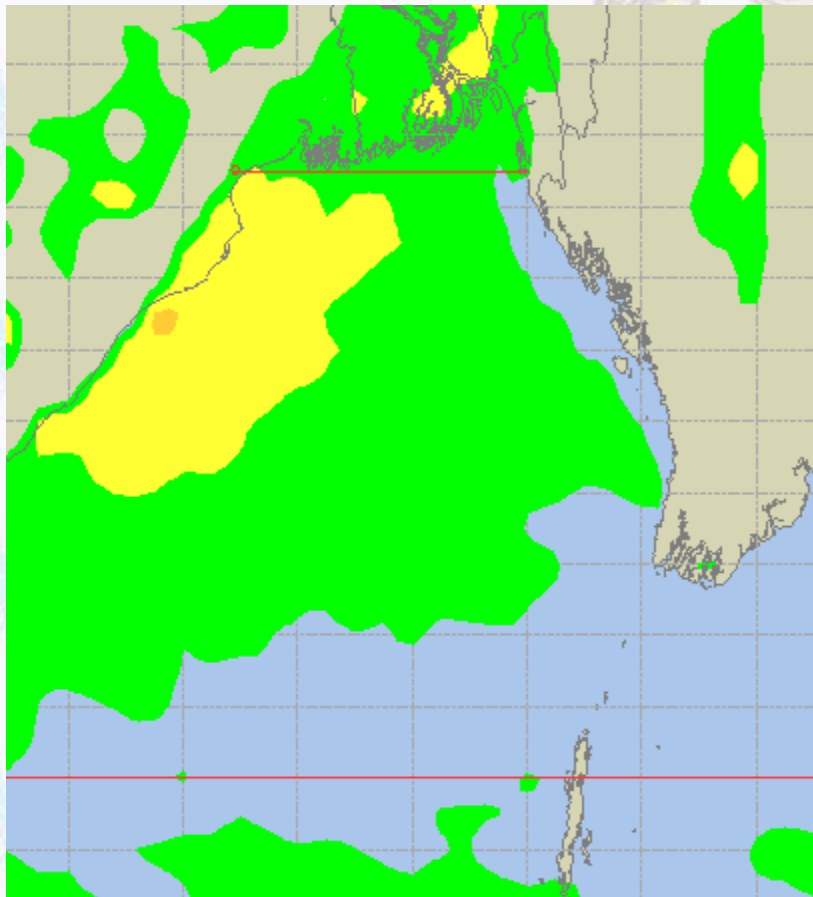
29 Sep 20 Tuesday



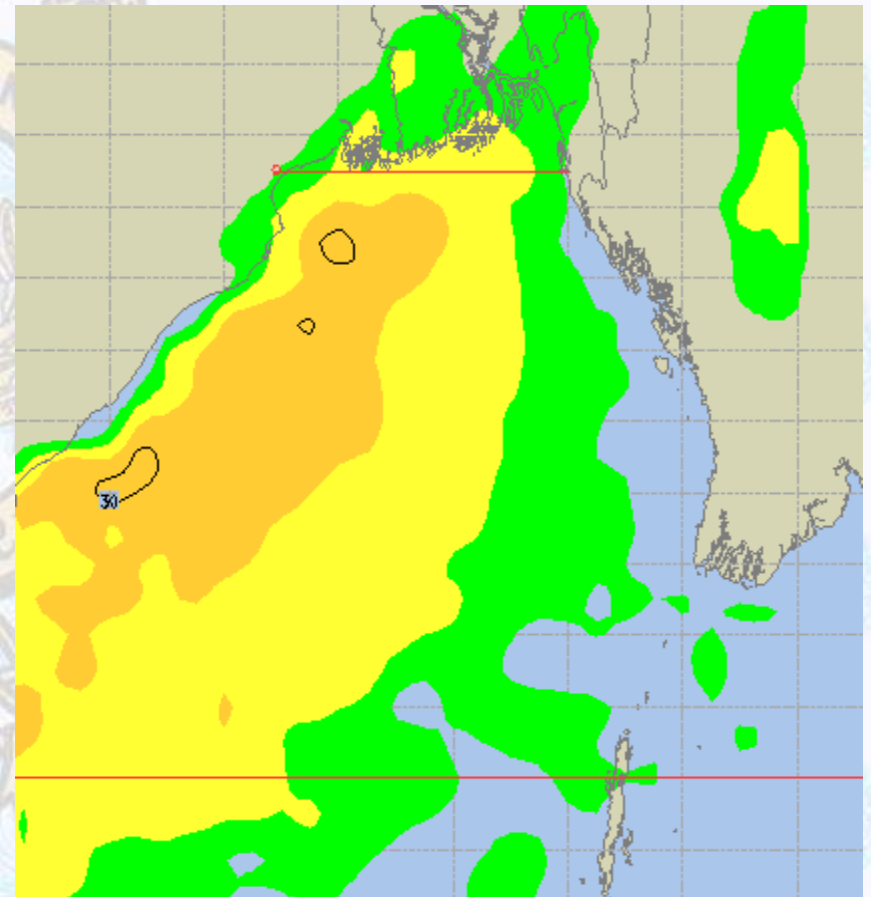


# Peak Gusting Possibilities— 27 & 28 Sep 2020

27 Sep 20 Sunday



28 Sep 20 Monday

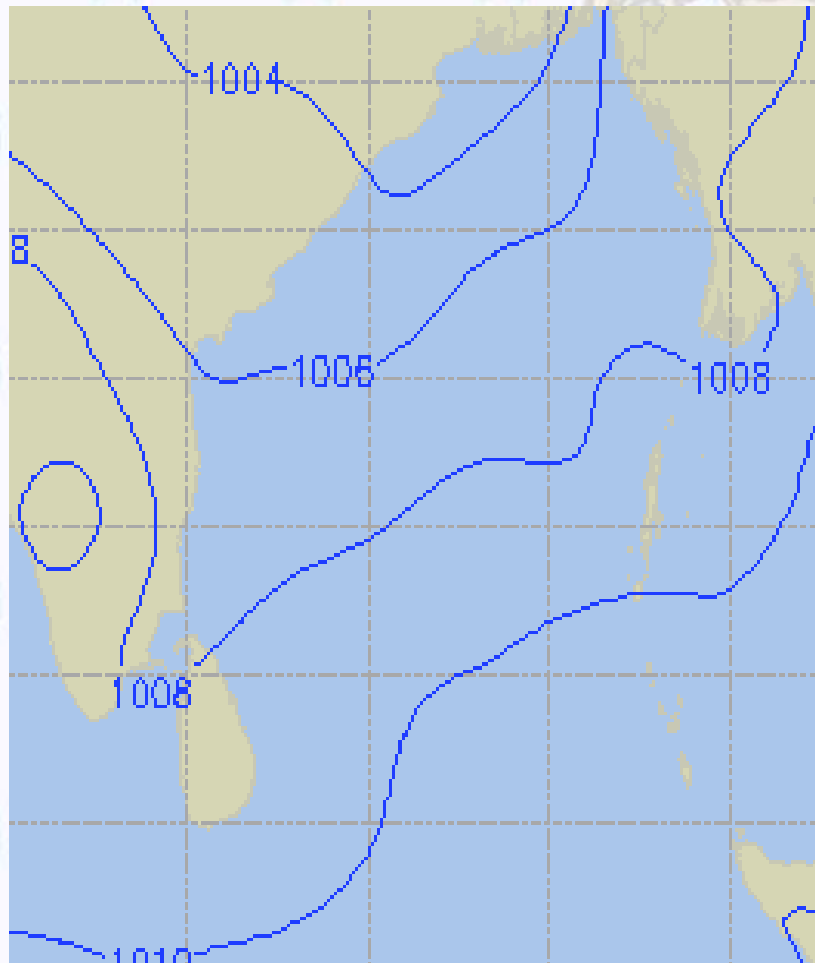




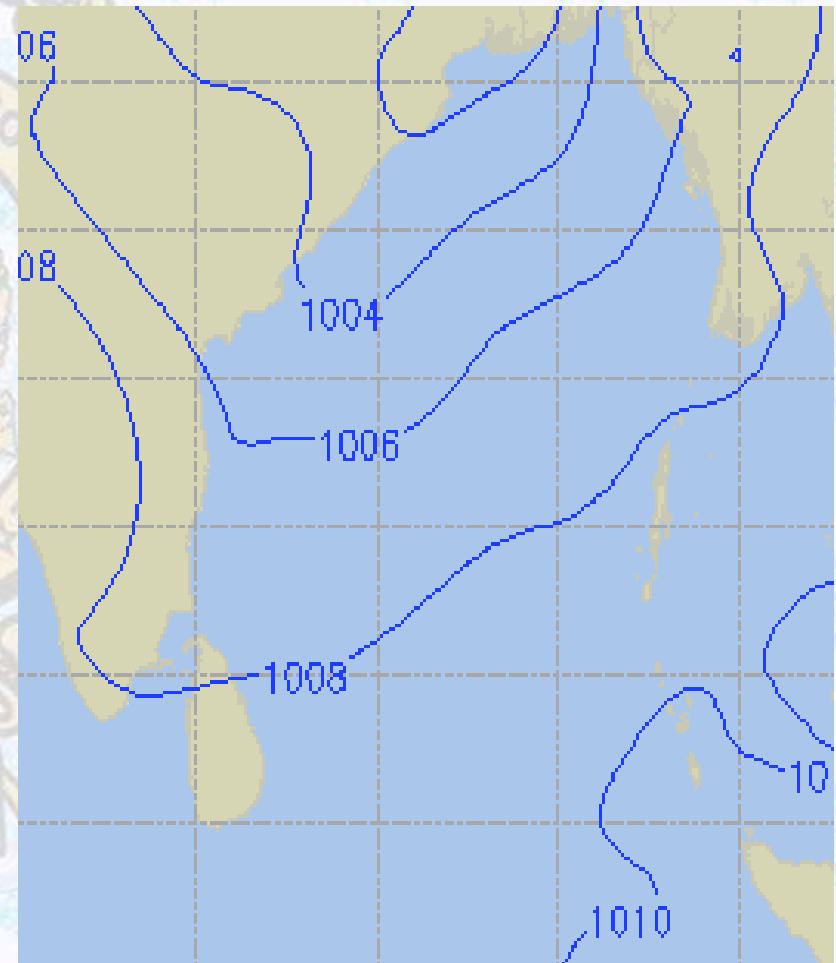


# Surface Pressure forecast– 27 & 28 Sep 2020

27 Sep 20 Sunday



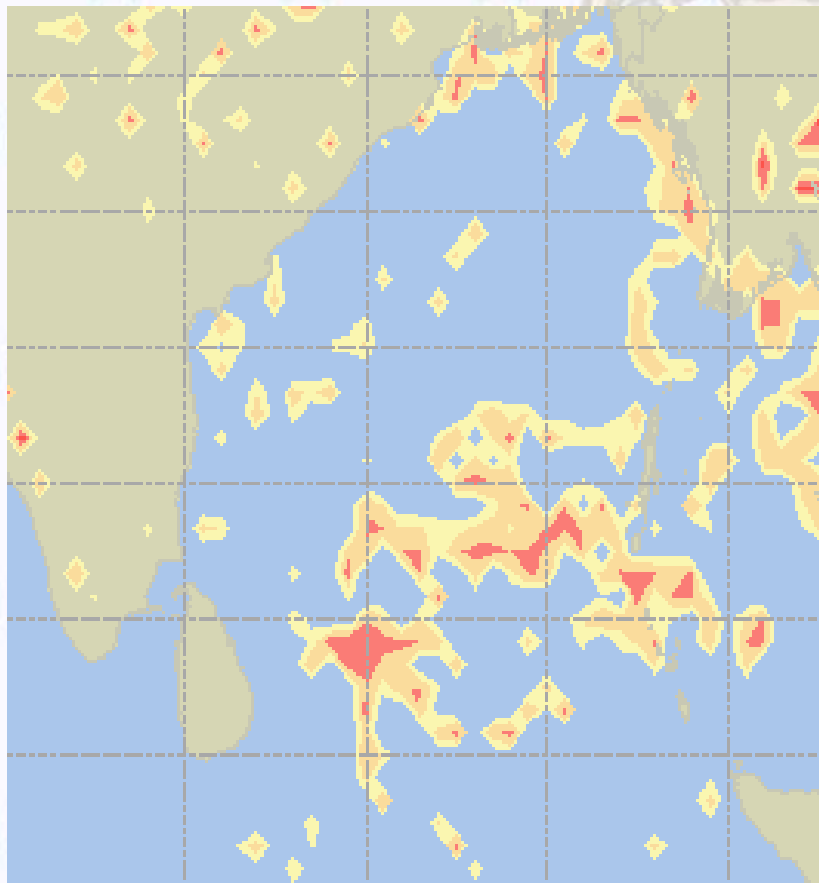
28 Sep 20 Monday



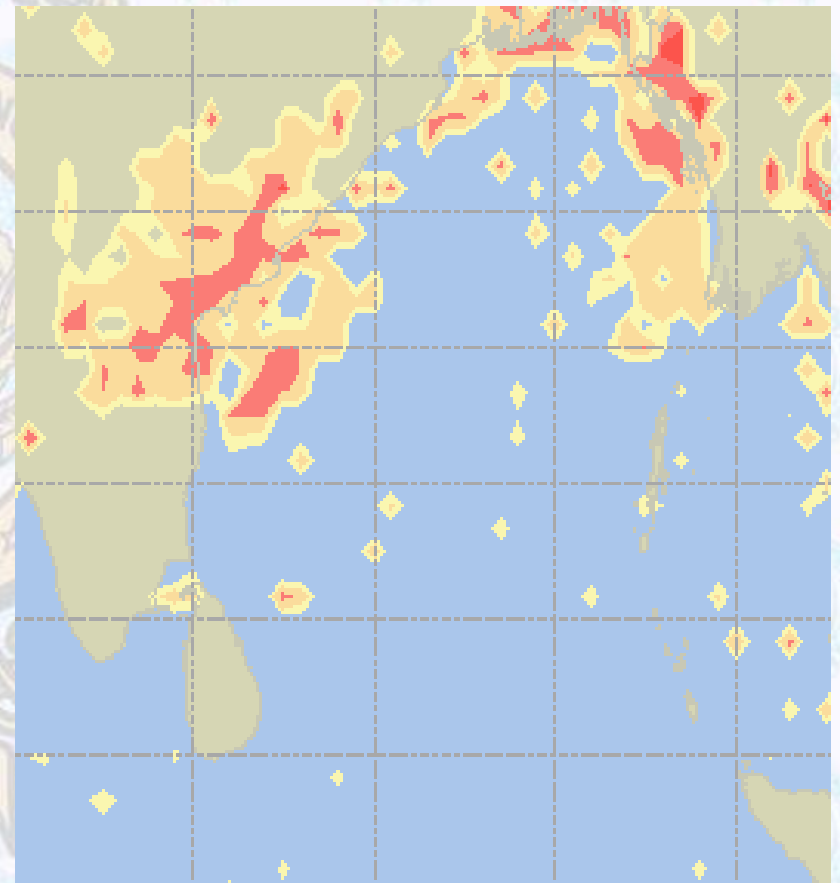


# Visibility at Sea Forecast – 27 & 28 Sep 2020

27 Sep 20 Sunday



28 Sep 20 Monday



**Visibility Scale:**

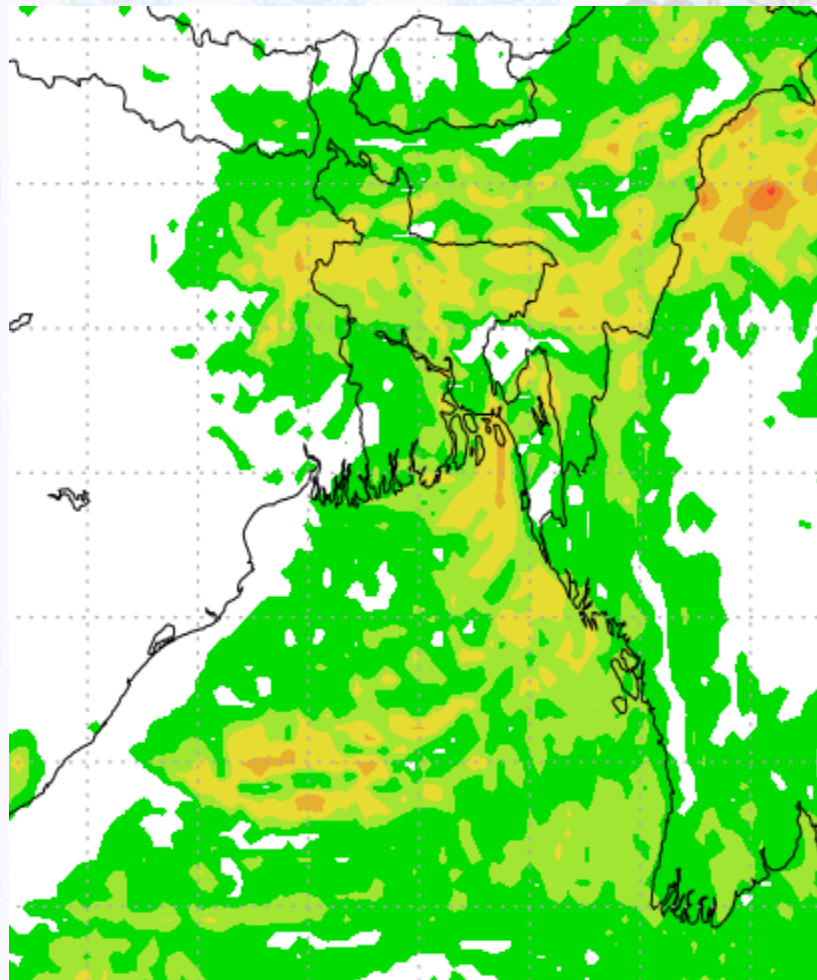


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

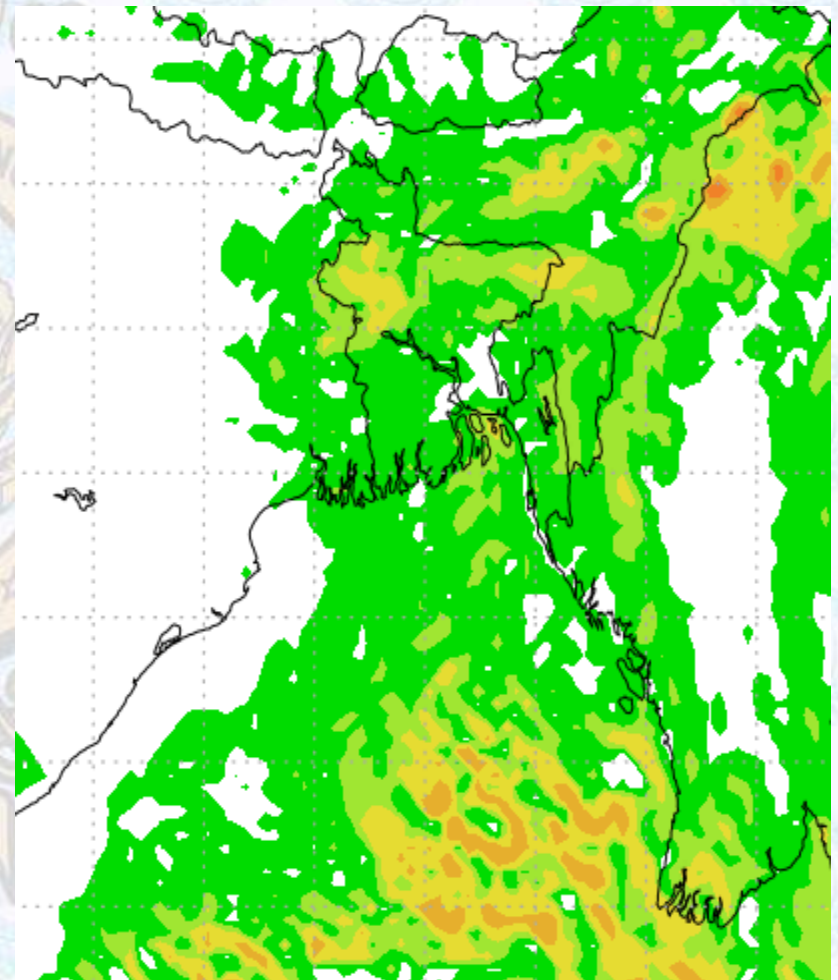


# Precipitation

Rain(mm) 27 & 28 Sep 2020



Rain(mm) 28 & 29 Sep 2020



**Precipitation Scale (mm):**





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

	Time	Height		Time	Height		Time	Height
27 Sep 2020	0358	1.46		0125	1.33		0120	1.49
	1010	4.36		0729	2.85		0748	2.79
	1642	1.07		1412	1.23		1415	1.34
	2254	4.31		2010	2.77		2026	2.67
28 Sep 2020	Time	Height		Time	Height		Time	Height
	0503	1.20		0234	1.21		0225	1.32
	1106	4.57		0827	3.02		0840	2.93
	1735	0.87		1506	1.10		1502	1.17
	2340	4.60		2057	3.00		2109	2.87
29 Sep 2020	Time	Height		Time	Height		Time	Height
	0552	0.96		0328	1.07		0313	1.16
	1150	4.76		0912	3.20		0920	3.05
	1817	0.72		1551	0.99		1541	1.02
	-	-		2136	3.21		2144	3.03