



# WEATHER FORECAST FOR BN

**18 SEP- 21 SEP 2020**





# WEATHER FORECAST – DHAKA

## 18.09.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	29 / 26	28 / 26	30 / 26	33 / 26
Wind	2 km/h NW	1 km/h NNW	4 km/h NNW	6 km/h N
Humidity	86%	87%	80%	67%
Chance of Precip	11%	22%	13%	13%
Cloud Cover	74%	73%	64%	52%
Conditions	Mostly Cloudy	Mostly Cloudy	Mostly Cloudy	Mostly Cloudy
Sunrise Sunset	5: 47 AM 17: 59 PM			

### Conditions

Pressure : 1006 hpa

Visibility : 8.05 km

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





# WEATHER FORECAST – CHATTOGRAM

## 18.09.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	32 / 28	31 / 28	30 / 28	30 / 28
Wind	8 km/h WNW	8 km/h WNW	2 km/h WNW	1 km/h NW
Humidity	79%	81%	89%	90%
Chance of Precip.	42%	21%	21%	17%
Cloud Cover	61%	61%	55%	60%
Conditions	Mostly Cloudy	Mostly Cloudy	Mostly Cloudy/ Light Rain	Mostly Cloudy/ Light Rain
Sunrise Sunset	5: 41 AM 17: 53 PM			

### Conditions

Pressure : 1004 hpa

Visibility : 8.05 Km

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



# WEATHER FORECAST – KHULNA

## 18.09.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	34 / 28	33 / 28	31 / 28	30 / 28
Wind	3 km/h NE	3 km/h NE	2 km/h NW	3 km/h WNW
Humidity	69%	73%	86%	91%
Chance of Precip.	33%	24%	6%	15%
Cloud Cover	75%	79%	67%	62%
Conditions	Mostly Cloudy	Mostly Cloudy	Mostly Cloudy	Mostly Cloudy
Sunrise Sunset	5: 51 AM 18: 03 PM			

### Conditions

Pressure : 1004 hpa

Visibility : 8.05 Km

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





# GENERAL WEATHER FORECAST – DHAKA

Description	19 Sep 2020	20 Sep 2020	21 Sep 2020
<b>Temperature (C)</b>	35 °C/ 28 °C	37 °C/ 28 °C	31 °C/ 27 °C
<b>Summary</b>	Partly Cloudy	Partly Cloudy	Partly Cloudy
<b>Sun Rise/Set</b>	5h46m24s/17h57m18s	5h46m48s/17h56m30s	5h47m06s/17h55m30s
<b>Day Length</b>	12h10m54s	12h09m42s	12h08m24s
<b>Moon Rise/ Set</b>	7:29AM 7:37 PM	8:34AM 8:19 PM	9:40AM 9:05 PM
<b>Moon Phase/ illu</b>	Waxing Crescent 8%	Waxing Crescent 16%	Waxing Crescent 26%
<b>NauticalTwilight</b>	04:57, 18:46	04:57, 18:46	04:57, 18:44
<b>Civil Twilight</b>	05:23, 18:20	05:23, 18:20	05:24, 18:18
<b>Humidity</b>	D : 68%    N : 78%	D : 66%    N : 76%	D : 77%    N : 83%
<b>Barometer (mb)</b>	1002	1000	999
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	20%	20%	50%
<b>Wind (mph)</b>	5 Km/h NNW	11 Km/h NNE	20 Km/h SE

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



# GENERAL WEATHER FORECAST– CHATTOGRAM

Description	19 Sep 2020	20 Sep 2020	21 Sep 2020
<b>Temperature (C)</b>	33 °C/ 27 °C	34 °C/ 27 °C	31 °C/ 26 °C
<b>Summary</b>	Partly Cloudy/ Light Rain	Partly Cloudy/ Light Rain	Partly Cloudy/ Light Rain
<b>Sun Rise/Set</b>	5h40m54s/17h51m30s	5h41m12s/17h50m36s	5h41m30s/17h49m42s
<b>Day Length</b>	12h10m36s	12h09m24s	12h08m12s
<b>Moon Rise/ Set</b>	7:23AM 7:32 PM	8:27AM 8:15 PM	9:32AM 9:01 PM
<b>Moon Phase/ illu</b>	Waxing Crescent 8%	Waxing Crescent 16%	Waxing Crescent 26%
<b>NauticalTwilight</b>	04:52, 18:40	04:52, 18:40	04:52, 18:38
<b>Civil Twilight</b>	05:18, 18:14	05:18, 18:14	05:18, 18:12
<b>Humidity</b>	D : 81% N : 93%	D : 80% N : 87%	D : 84% N : 90%
<b>Barometer (mb)</b>	1002	1000	1000
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	50%	60%	90%
<b>Wind (mph)</b>	6 Km/h NW	12 Km/h SW	20 Km/h SE

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





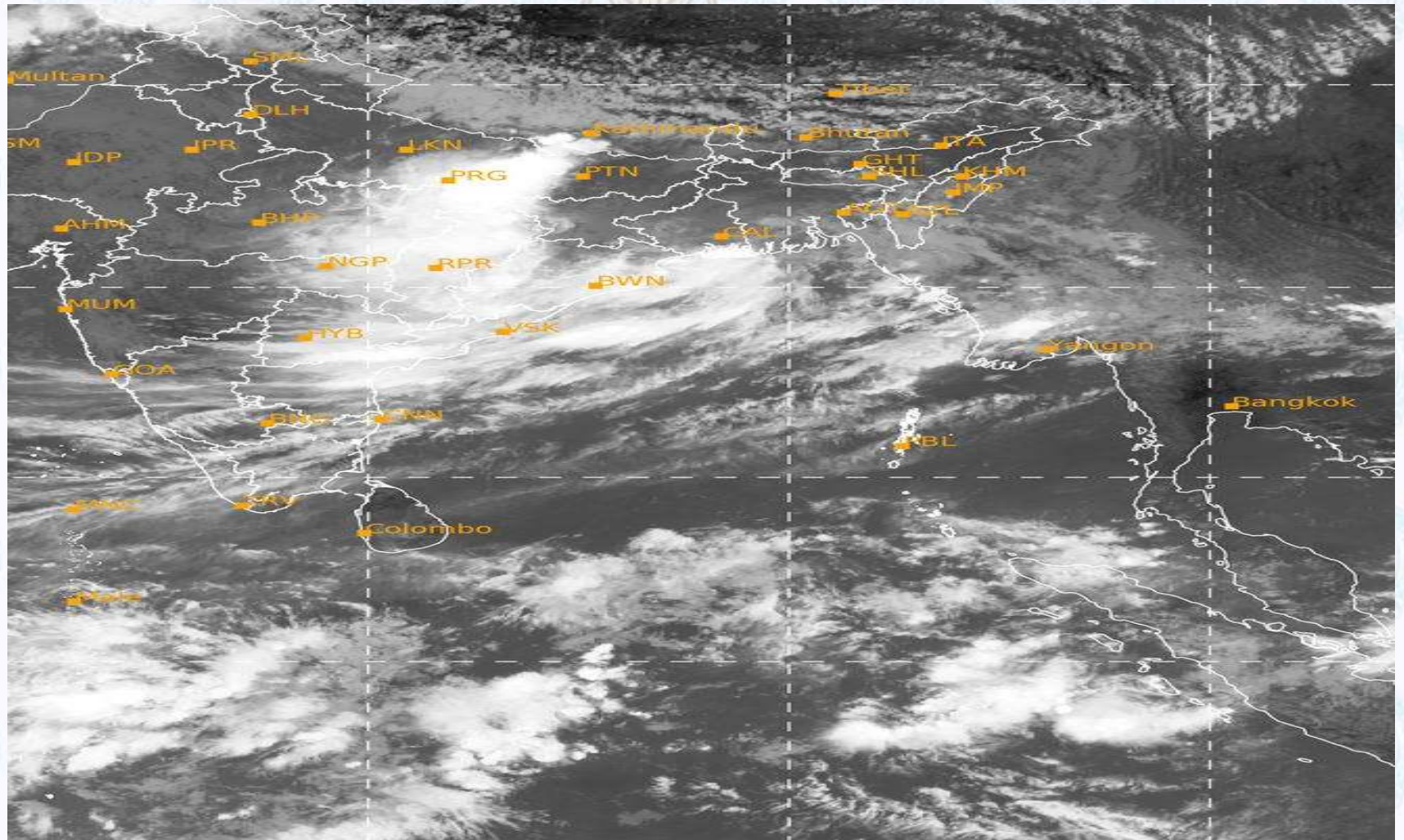
# GENERAL WEATHER FORECAST – KHULNA

Description	19 Sep 2020	20 Sep 2020	21 Sep 2020
<b>Temperature(C)</b>	34°C/ 28°C	36°C/ 27°C	31°C/ 27°C
<b>Summary</b>	Partly Cloudy	Partly Cloudy	Partly Cloudy
<b>Sun Rise/Set</b>	5h50m00s/18h00m36s	5h50m18s/17h59m48s	5h50m36s/17h58m54s
<b>Day Length</b>	12h10m36s	12h09m30s	12h08m18s
<b>Moon Rise/Set</b>	7:33AM 7:42 PM	8:37AM 8:25 PM	9:42AM 9:11 PM
<b>Moon Phase/illu</b>	Waxing Crescent 8%	Waxing Crescent 16%	Waxing Crescent 26%
<b>Nautical Twilight</b>	05:01, 18:49	05:01, 18:49	05:01, 18:47
<b>Civil Twilight</b>	05:27, 18:23	05:27, 18:23	05:27, 18:21
<b>Humidity</b>	D : 74% N : 84%	D : 71% N : 82%	D : 84% N : 87%
<b>Barometer (mb)</b>	1002	1000	999
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	20%	50%	80%
<b>Wind (mph)</b>	5 km/h N	11 km/h NNE	20 km/h ESE

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



# SATELLITE VIEW OF BAY OF BENGAL



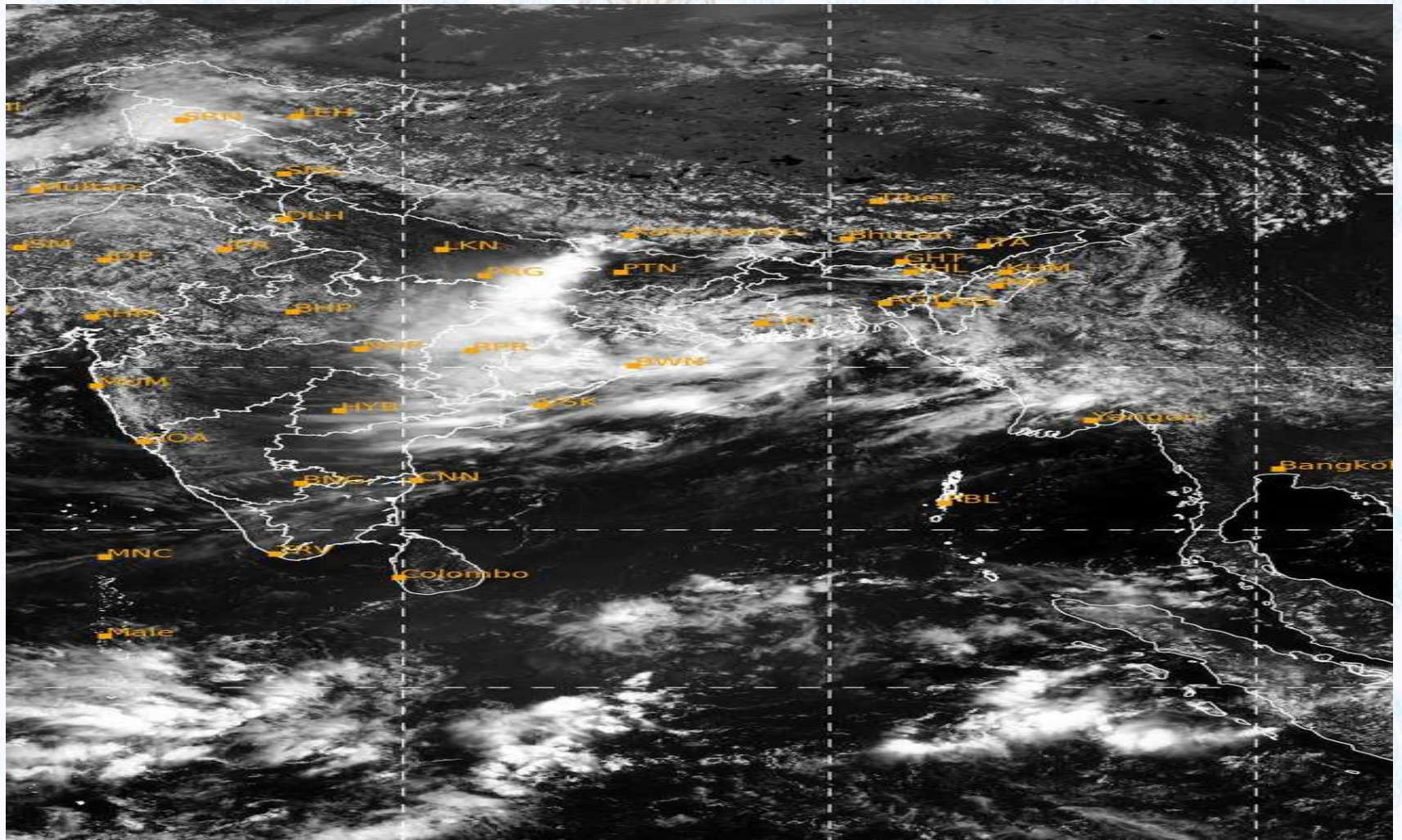
18/09/2020, 11:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



18/09/2020, 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 18.09.2020)

<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, 08-12 KTS, TEMPORARY GUSTING TO 22 KTS.
	Visibility	03-05 KMS, REDUCING TO <b>1500</b> M OR LESS IN RAIN/SHOWERS.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 18,0000 UTC. CHATTOGRAM =1003 HPA





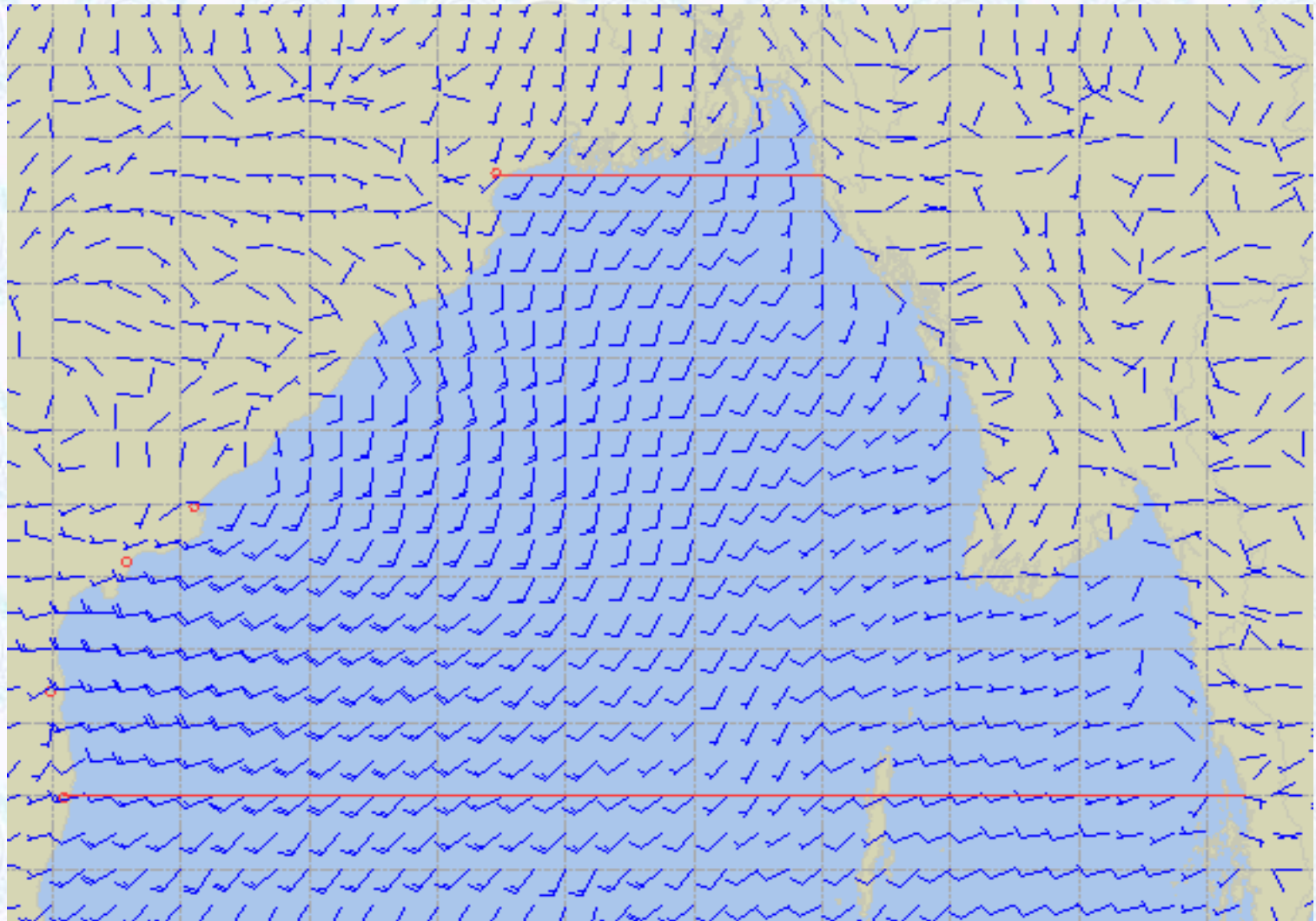
## Inland River Port Warning (VALID TILL 06 PM OF 18.09.2020)

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 RANGPUR, RAJSHAHI, PABNA, BOGURA, TANGAIL, MYMENSINGH, DHAKA, FARIDPUR, MADARIPUR, KUSHTIA, JASHORE, KHULNA, BARISHAL, PATUAKHALI, CUMILLA, NOAKHALI, CHATTOGRAM, COX'S BAZAR AND SYLHET WHEREIN RIVERPORTS SHALL HOIST CAUTIONARY SIGNAL NO. ONE (R) ONE.

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



# Surface Wind Forecast- 19 Sep- 2020



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



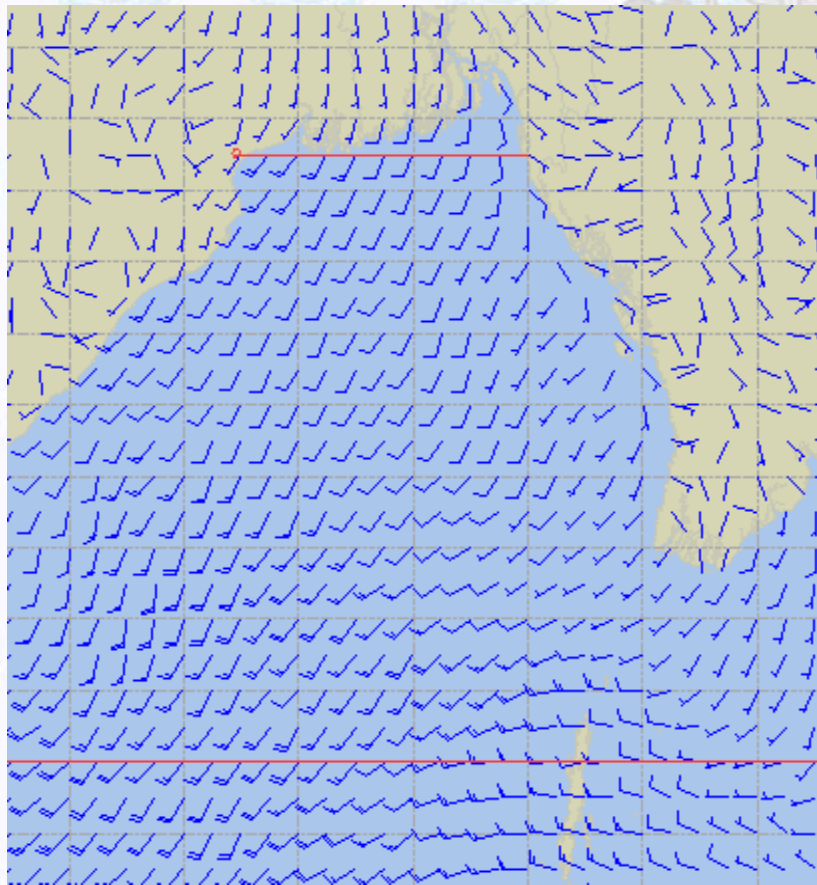
**60 Knots**



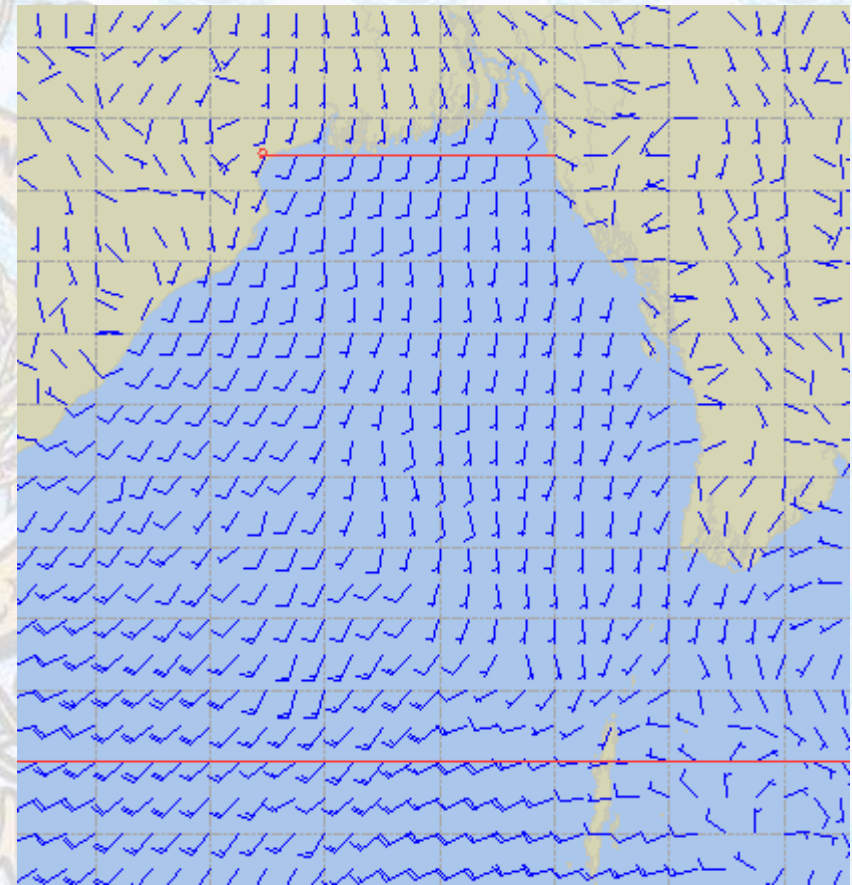


# Surface Wind Forecast – 20 & 21 Sep - 2020

20 Sep 20 Sunday



21 Sep 20 Monday



## Legend:



Calm  
Winds



5 Knots



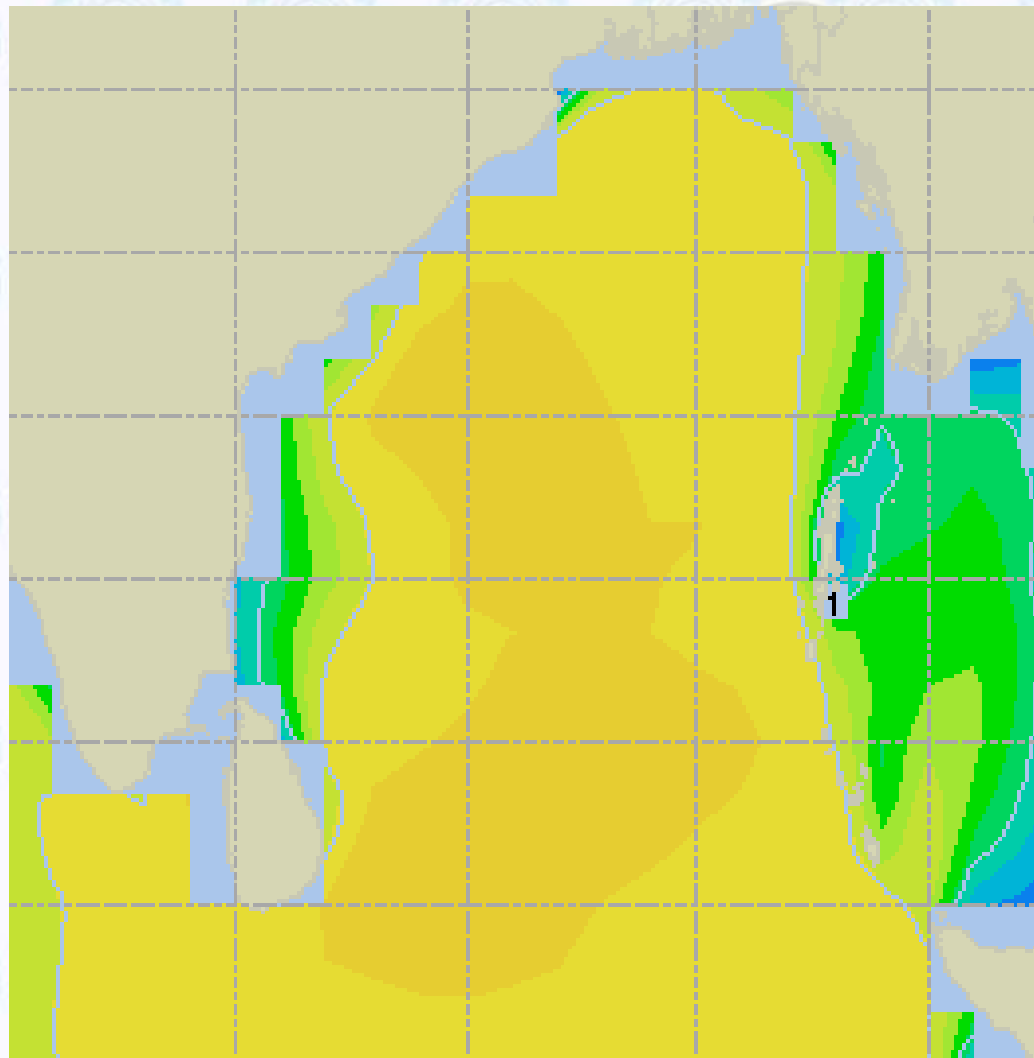
10 Knots



60 Knots



# Sea State Forecast – 19 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



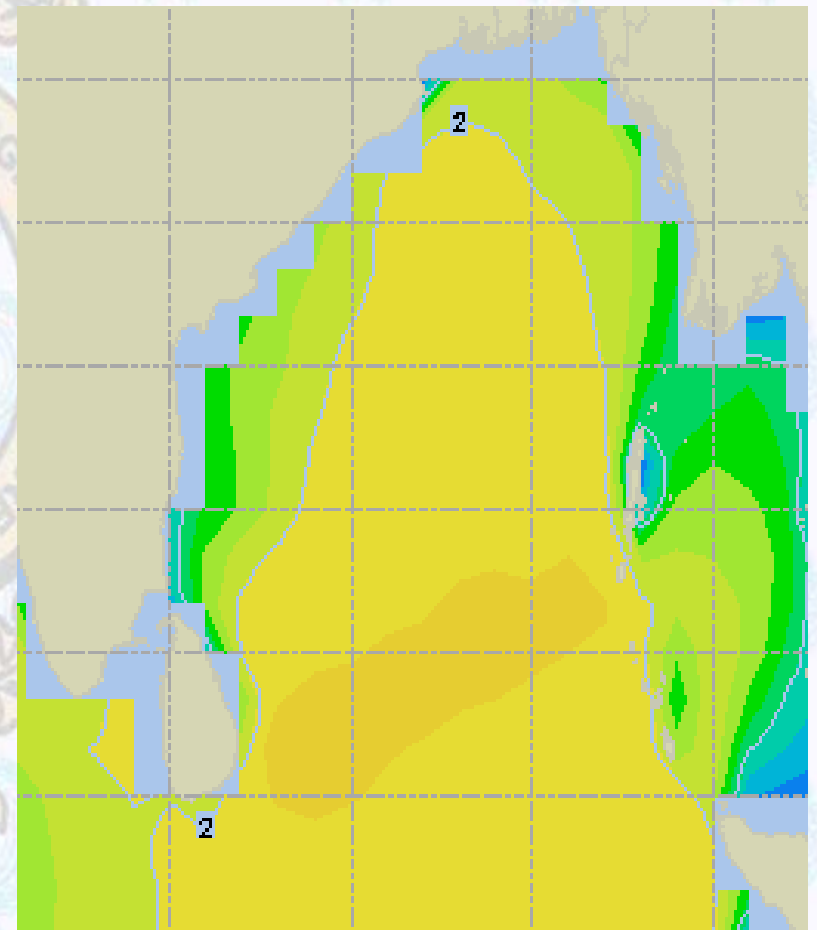
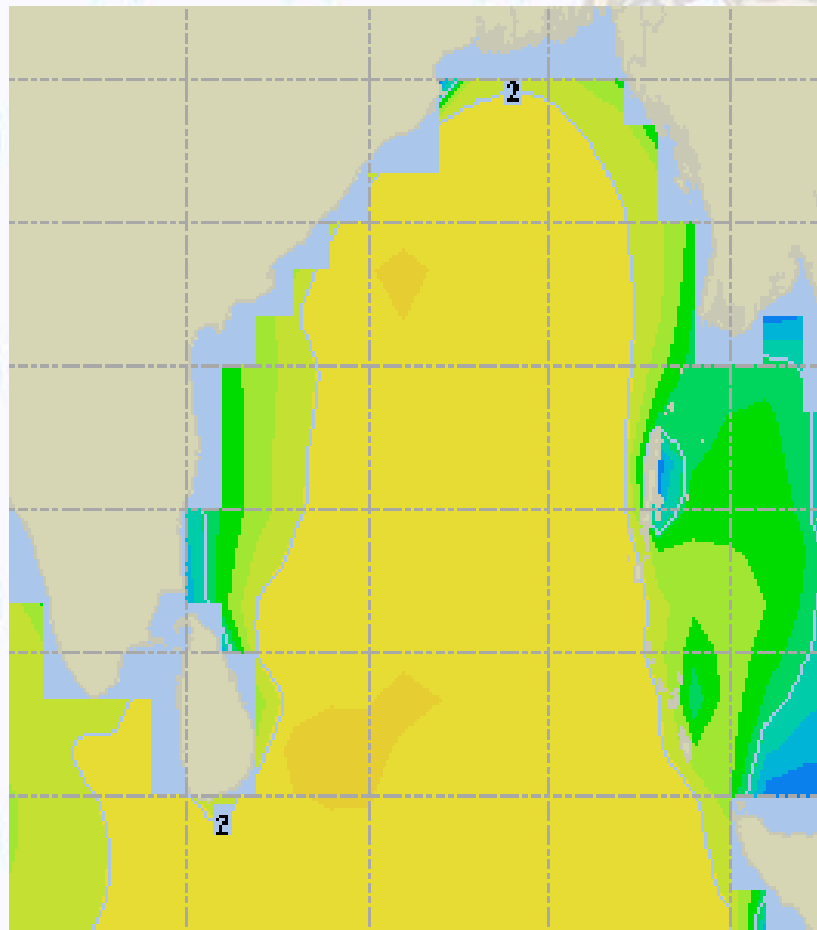




# Sea State Forecast – 20 & 21 Sep - 2020

20 Sep 20 Sunday

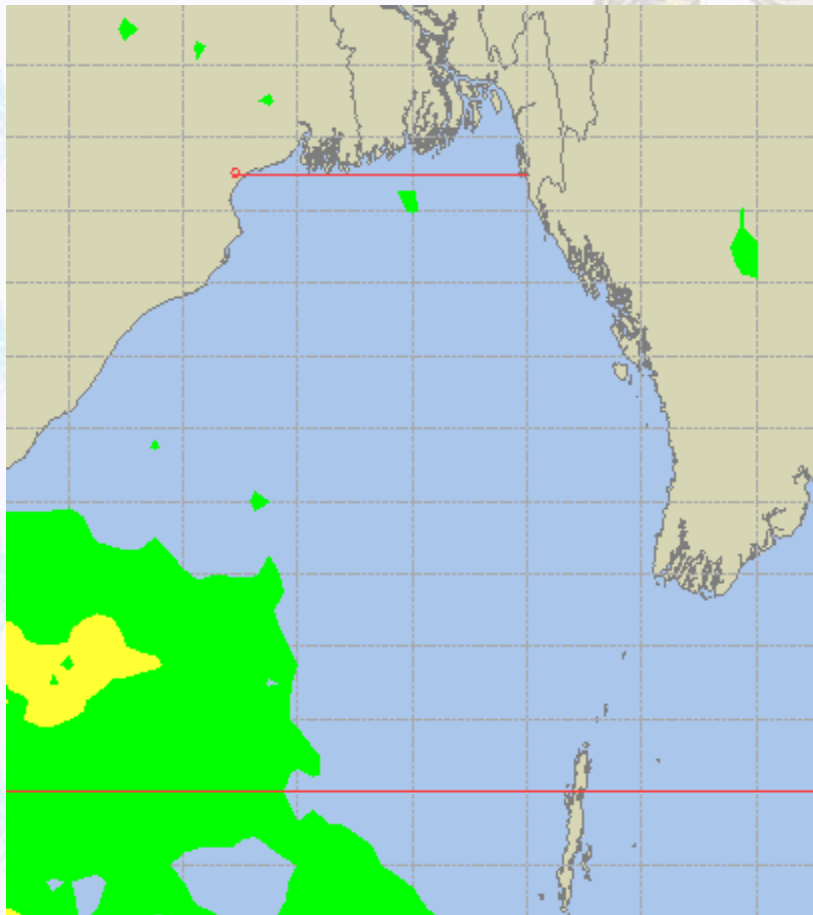
21 Sep 20 Monday



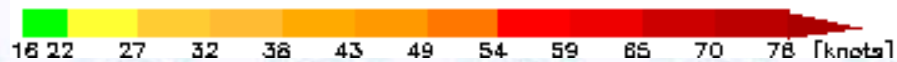
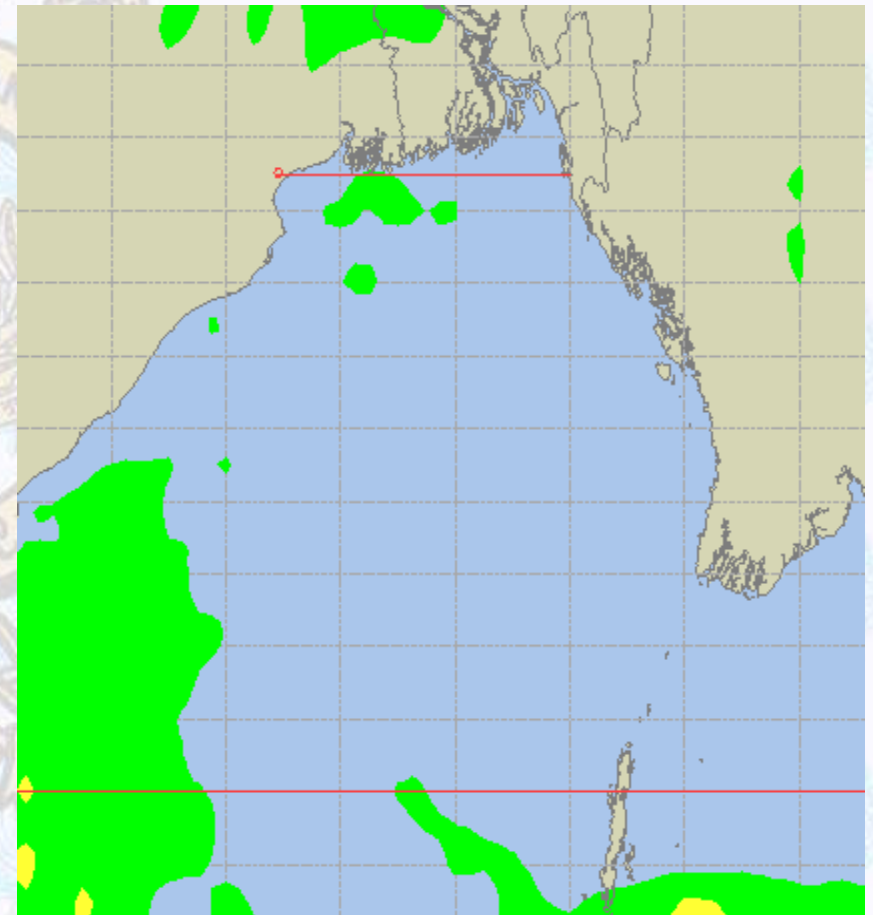


# Peak Gusting Possibilities— 19 & 20 Sep 2020

19 Sep 20 Saturday



20 Sep 20 Sunday

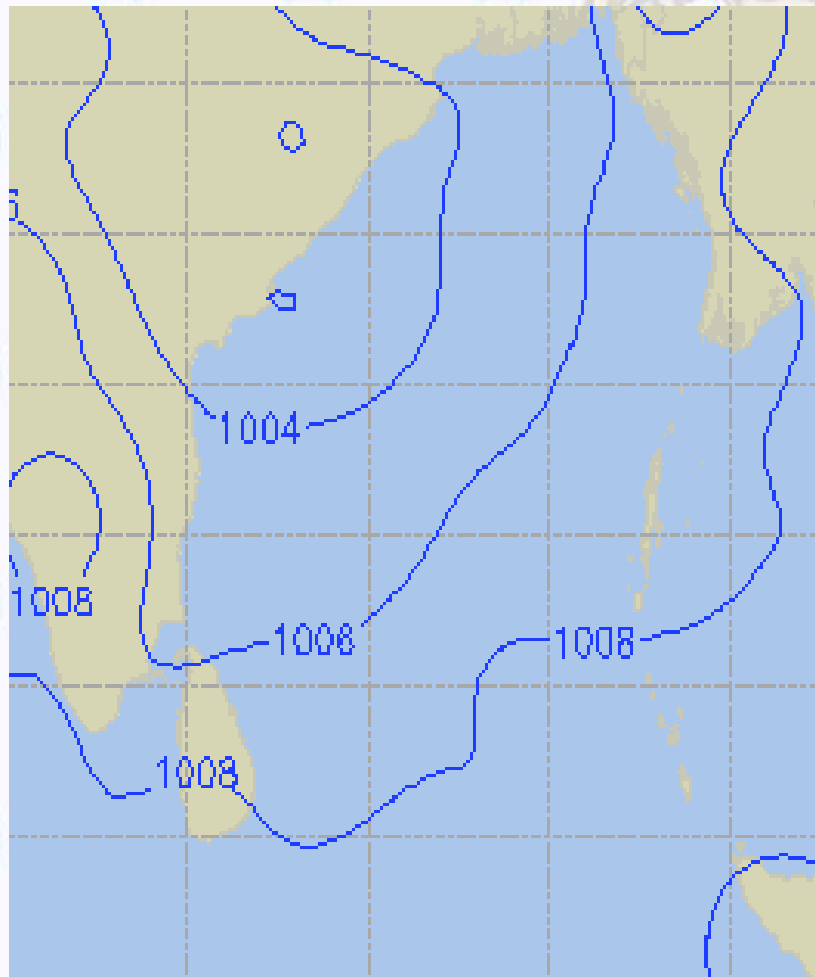




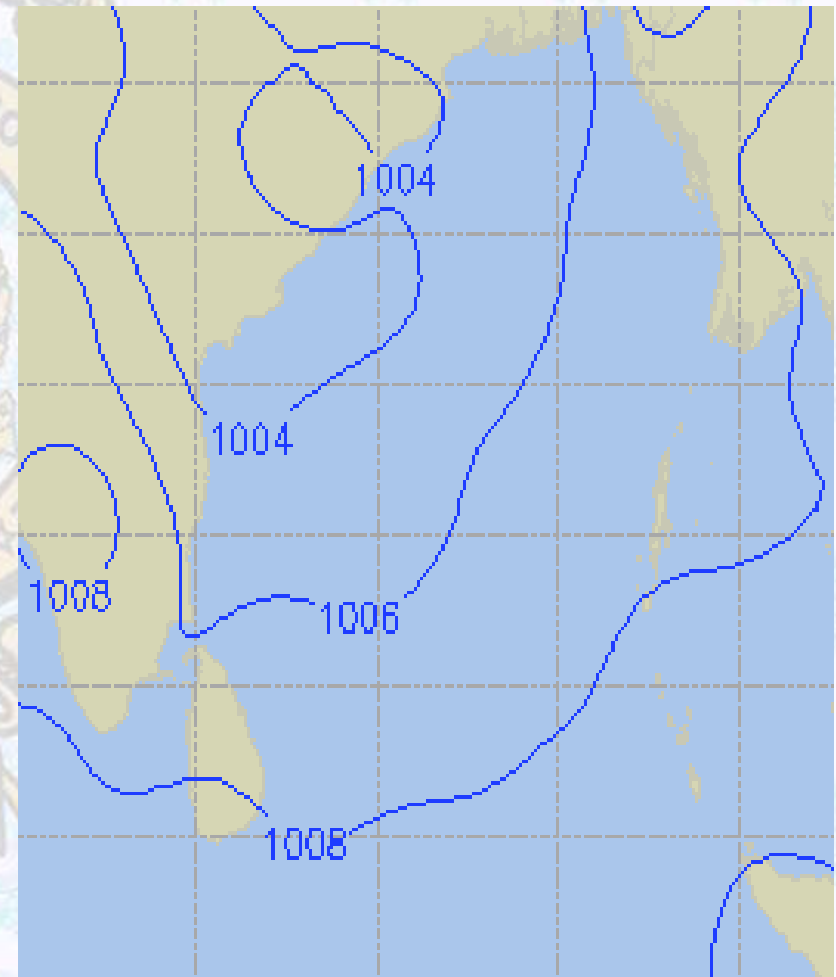


# Surface Pressure forecast– 19 & 20 Sep 2020

19 Sep 20 Saturday



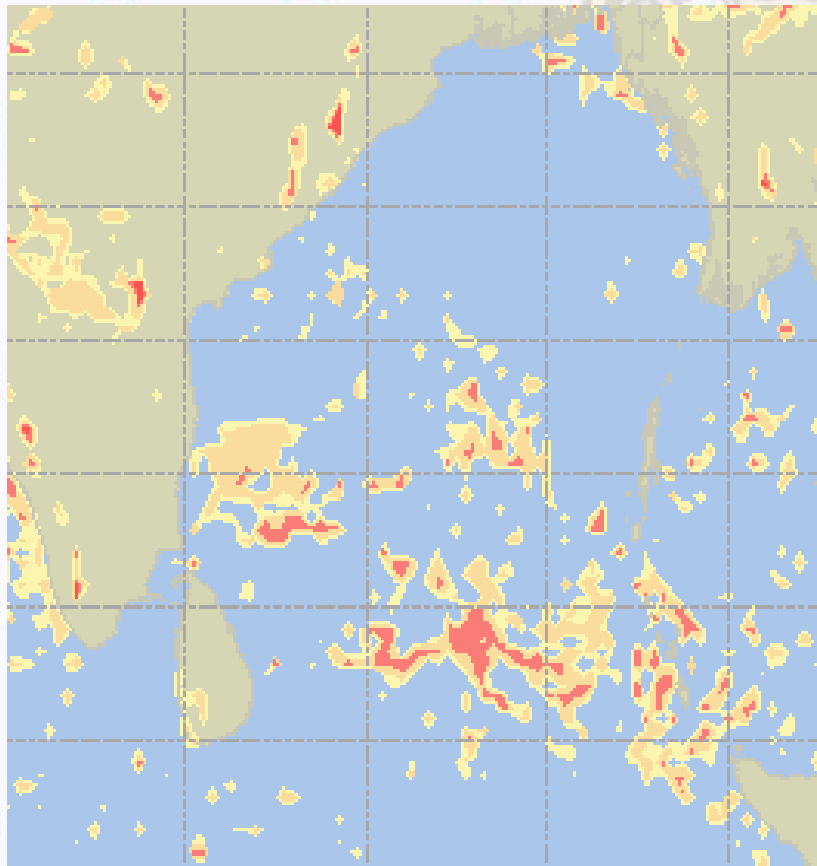
20 Sep 20 Sunday



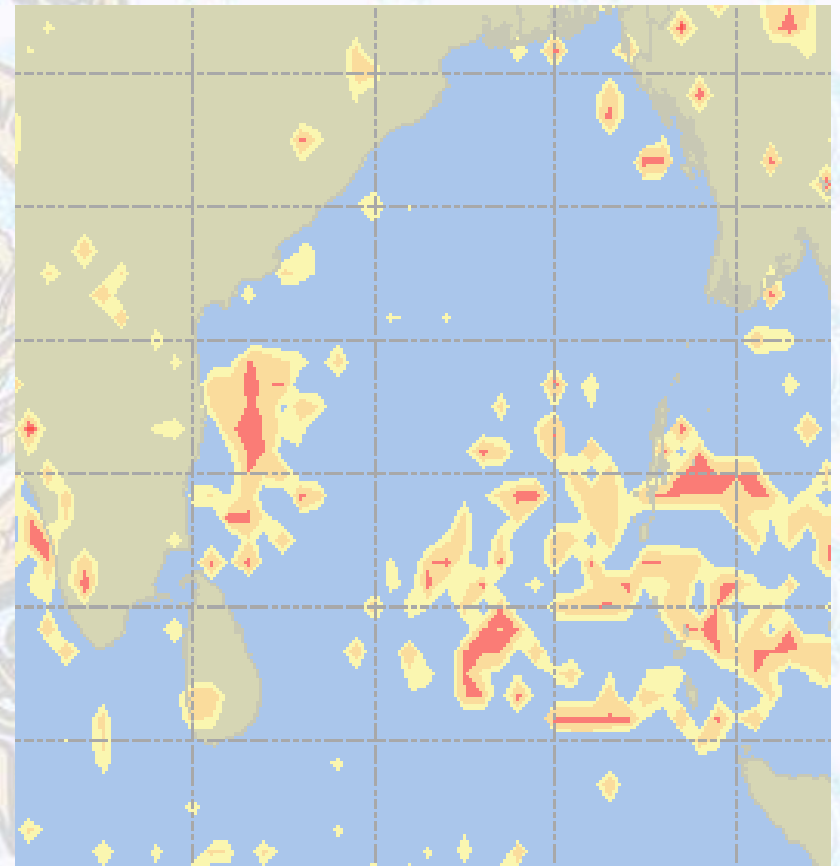


# Visibility at Sea Forecast – 19 & 20 Sep 2020

19 Sep 20 Saturday



20 Sep 20 Sunday



**Visibility Scale:**



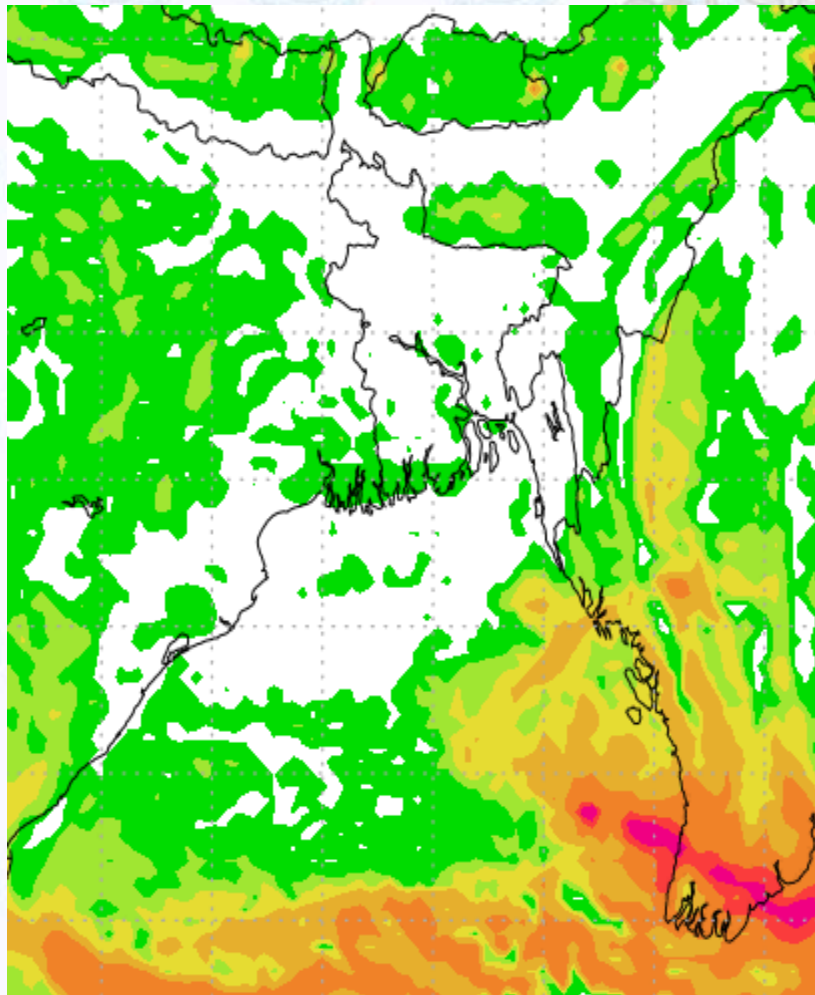
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



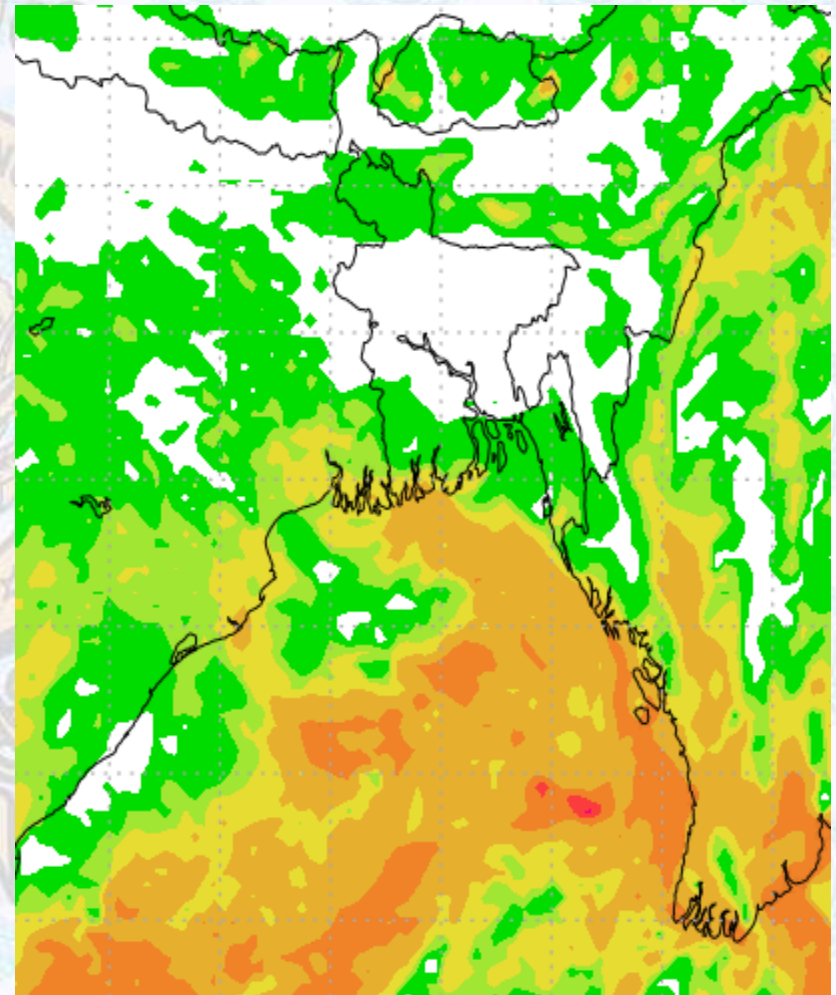


# Precipitation

Rain(mm) 19 & 20 Sep 2020



Rain(mm) 20 & 21 Sep 2020



**Precipitation Scale (mm):**





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

<b>19 Sep 2020</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0146	5.48		0608	0.69		0543	0.61
	0822	0.42		1143	3.94		1136	3.48
	1401	5.51		1829	0.64		1803	0.51
	2043	0.34		-	-		-	-
<b>20 Sep 2020</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0225	5.50		0003	3.88		0001	3.51
	0902	0.41		0650	0.70		0622	0.66
	1442	5.40		1224	3.80		1215	3.37
	2121	0.38		1909	0.68		1839	0.59
<b>21 Sep 2020</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0307	5.41		0047	3.75		0040	3.42
	0944	0.50		0731	0.78		0702	0.80
	1528	5.15		1308	3.58		1254	3.20
	2201	0.54		1949	0.79		1916	0.76