



# WEATHER FORECAST FOR BN

**14 SEP- 17 SEP 2020**



# WEATHER FORECAST – DHAKA

## 14.09.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	32 / 26	31 / 26	29 / 25	28 / 25
Wind	13 km/h S	10 km/h S	7 km/h SSE	7 km/h SSE
Humidity	73%	75%	81%	83%
Chance of Precip	24%	60%	2%	4%
Cloud Cover	65%	83%	87%	88%
Conditions	Cloudy	Cloudy	Cloudy	Cloudy
Sunrise Sunset	5: 45 AM 18: 05 PM			

### Conditions

Pressure : 1006 hpa

Visibility : 4.02 km

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



# WEATHER FORECAST – CHATTOGRAM

## 14.09.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31 / 27	30 / 26	28 / 26	28 / 26
Wind	15 km/h SSW	11 km/h S	8 km/h SSE	7 km/h SE
Humidity	77%	83%	89%	90%
Chance of Precip.	16%	16%	41%	37%
Cloud Cover	80%	83%	87%	89%
Conditions	Mostly Cloudy	Mostly Cloudy	Mostly Cloudy	Mostly Cloudy/ Light Rain
Sunrise Sunset	5: 40 AM 17: 58 PM			

### Conditions

Pressure : 1007 hpa

Visibility : 11.27 Km

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



# WEATHER FORECAST – KHULNA

## 14.09.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31 / 28	31 / 28	29 / 27	29 / 27
Wind	9 km/h SSE	8 km/h SSE	7 km/h SSE	5 km/h SE
Humidity	83%	84%	89%	92%
Chance of Precip.	31%	54%	10%	8%
Cloud Cover	77%	76%	71%	77%
Conditions	Mostly Cloudy	Mostly Cloudy	Mostly Cloudy	Mostly Cloudy
Sunrise Sunset	5: 50 AM 18: 08 PM			

### Conditions

Pressure : 1006 hpa

Visibility : 14.48 Km

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



# GENERAL WEATHER FORECAST – DHAKA

Description	15 Sep 2020	16 Sep 2020	17 Sep 2020
<b>Temperature (C)</b>	31 °C/27 °C	31 °C/27 °C	32 °C/27 °C
<b>Summary</b>	Partly Cloudy	Partly Cloudy	Partly Cloudy
<b>Sun Rise/Set</b>	5h45m00s/18h01m24s	5h45m24s/18h00m18s	5h45m12s/17h59m12s
<b>Day Length</b>	12h16m24s	12h14m54s	12h13m30s
<b>Moon Rise/ Set</b>	3:10AM 4:46 PM	4:14AM 5:31 PM	5:20AM 6:14 PM
<b>Moon Phase/ illu</b>	Waning Crescent 4%	Waning Crescent 0%	New Moon 0%
<b>NauticalTwilight</b>	04:55,18:51	04:56,18:49	04:56,18:48
<b>Civil Twilight</b>	05:22,18:24	05:22,18:23	05:22,18:22
<b>Humidity</b>	D : 77% N : 84%	D : 78% N : 84%	D : 77% N : 84%
<b>Barometer (mb)</b>	1005	1005	1005
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	50%	40%	40%
<b>Wind (mph)</b>	11 Km/h S	11 Km/h S	10 Km/h S

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



# GENERAL WEATHER FORECAST– CHATTOGRAM

Description	15 Sep 2020	16 Sep 2020	17 Sep 2020
<b>Temperature (C)</b>	30 °C/ 26 °C	30 °C/ 26 °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>	5h39m42s/17h55m18s	5h40m00s/17h54m18s	5h40m18s/17h53m12s
<b>Day Length</b>	12h15m36s	12h14m18s	12h12m54s
<b>Moon Rise/ Set</b>	3:06AM 4:38 PM	4:10AM 5:24 PM	5:15AM 6:07 PM
<b>Moon Phase/ illu</b>	Waning Crescent 4%	Waning Crescent 0%	New Moon 0%
<b>NauticalTwilight</b>	04:51, 18:45	04:51, 18:43	04:51, 18:42
<b>Civil Twilight</b>	05:17, 18:19	05:17, 18:17	05:17, 18:16
<b>Humidity</b>	D : 83% N : 92%	D : 85% N : 92%	D : 83% N : 92%
<b>Barometer (mb)</b>	1007	1006	1007
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	60%	80%	60%
<b>Wind (mph)</b>	12 Km/h S	11 Km/h S	10 Km/h SSW

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



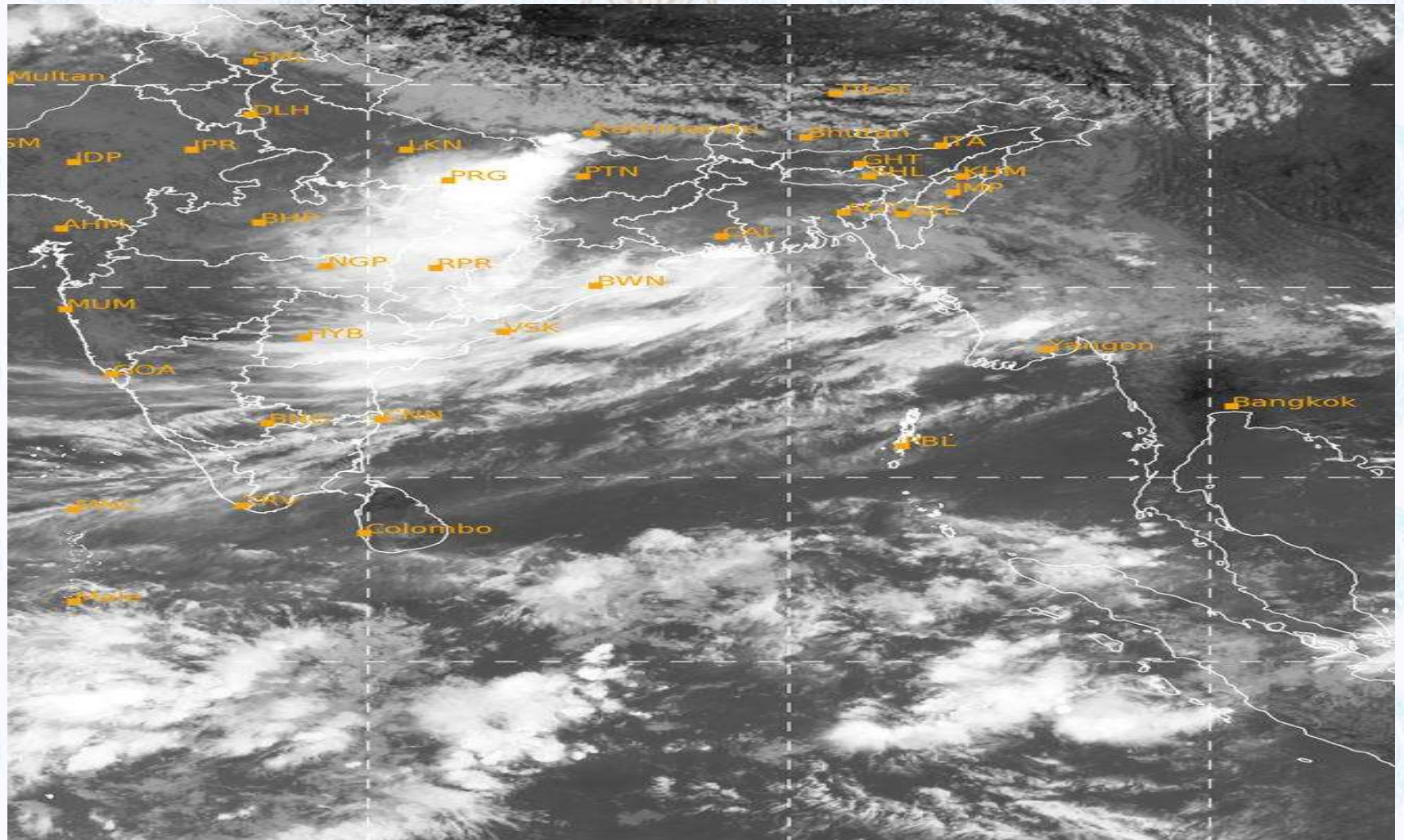
# GENERAL WEATHER FORECAST – KHULNA

Description	15 Sep 2020	16 Sep 2020	17 Sep 2020
<b>Temperature(C)</b>	32°C/ 27°C	31°C/ 27°C	32°C/ 27°C
<b>Summary</b>	Partly Cloudy	Partly Cloudy	Partly Cloudy
<b>Sun Rise/Set</b>	5h48m42s/18h04m36s	5h49m00s/18h03m30s	5h49m18s/18h02m24s
<b>Day Length</b>	12h15m54s	12h14m30s	12h13m06s
<b>Moon Rise/Set</b>	3:16AM 4:48 PM	4:20AM 5:34 PM	5:25AM 6:17 PM
<b>Moon Phase/illu</b>	Waning Crescent 4%	Waning Crescent 0%	New Moon 0%
<b>NauticalTwilight</b>	05:00, 18:53	05:00, 18:52	05:00, 18:51
<b>Civil Twilight</b>	05:26, 18:27	05:26, 18:26	05:26, 18:25
<b>Humidity</b>	D : 81% N : 88%	D : 83% N : 88%	D : 81% N : 88%
<b>Barometer (mb)</b>	1005	1005	1005
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	90%	80%	80%
<b>Wind (mph)</b>	12 km/h S	12 km/h S	10 km/h S

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



# SATELLITE VIEW OF BAY OF BENGAL



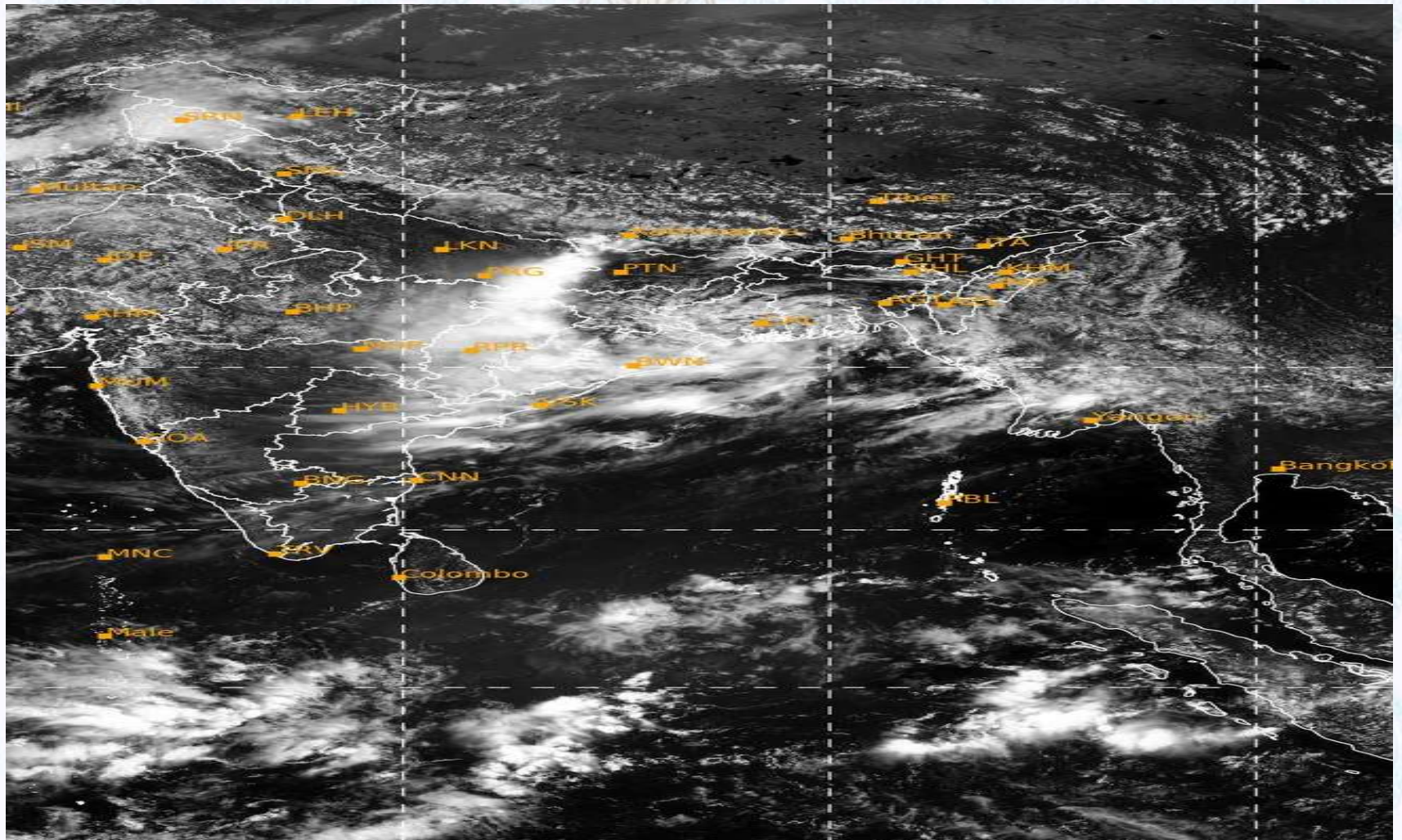
14/09/2020, 11:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



14/09/2020, 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 14.09.2020)

<b>Part One</b>	NO STORM WARNING.	
<b>Part Two</b>	THE LOW OVER WEST CENTRAL BAY OFF ANDHRA COAST OF INDIA NOW LIES OVER WEST CENTRAL BAY OF BENGAL AND ADJOINING ANDHRA COAST. ITS ASSOCIATED TROUGH EXTENDS UP TO NORTH BAY. IT IS LIKELY TO INTENSIFY. MONSOON IS MODERATE OVER NORTH BAY.	
<b>Part Three</b>	Weather	RAIN/THUNDER SHOWERS OVER AREA C-90.
	Wind	SOUTH /SOUTH-EASTERLY 08-12KTS, TEMPORARY GUSTING TO 22 KTS.
	Visibility	03-05 KMS, REDUCING TO <b>1500</b> M OR LESS RAIN/SHOWERS.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 14,0000 UTC. CHATTOGRAM =1007 HPA



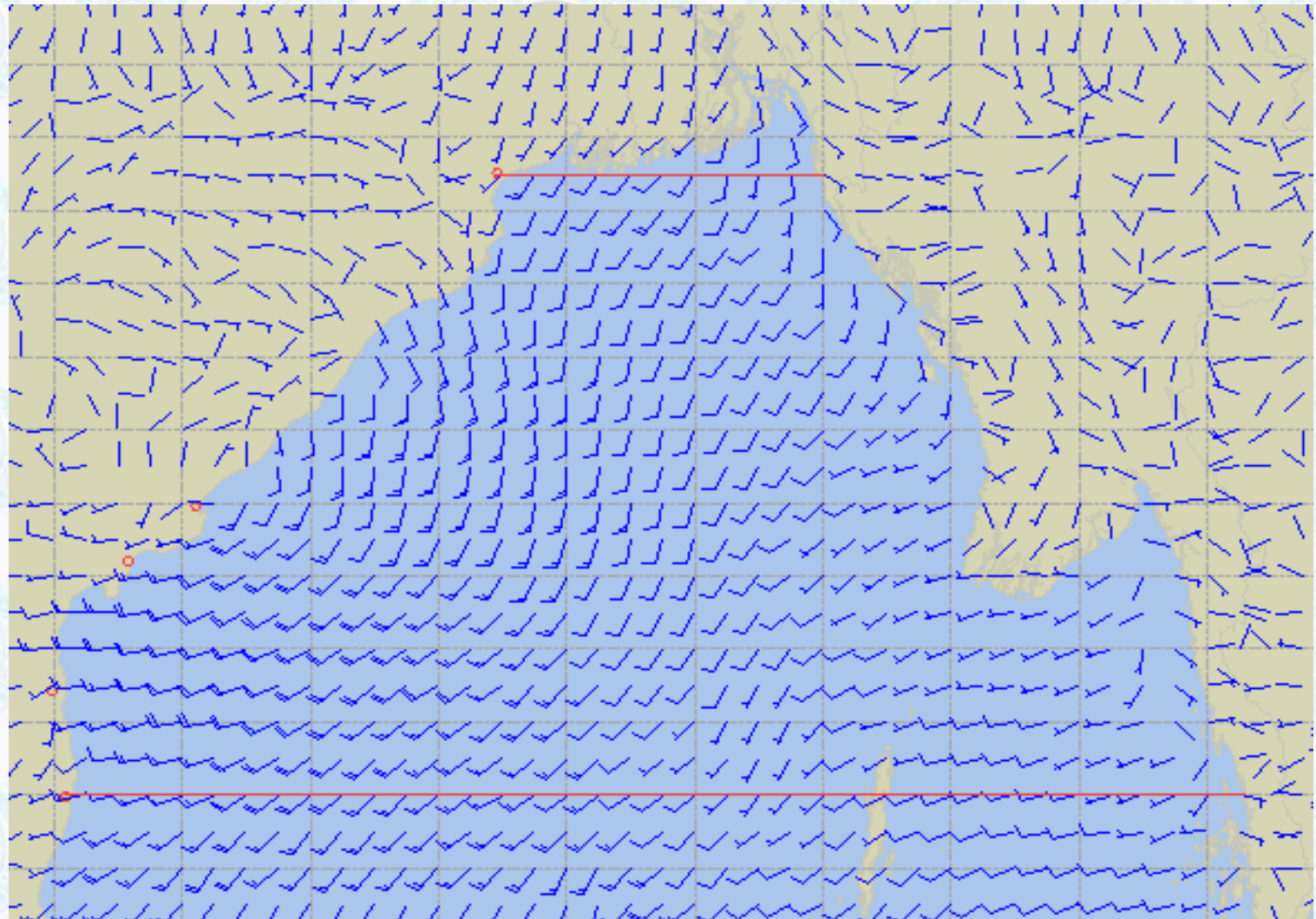
## **Inland River Port Warning** **(VALID TILL 06 PM OF 14.09.2020)**

RAIN/THUNDER SHOWERS ACCOMPANIED BY TEMPORARY SOUTH/SOUTH-EASTERLY GUSTY/SQUALLY WIND SPEED 45-60KPH IS LIKELY TO OCCUR OVER THE REGIONS OF TANGAIL, DHAKA, FARIDPUR, KHULNA, BARISHAL, PATUAKHALI, NOAKHALI, CUMILLA, 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- 15 Sep- 2020



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



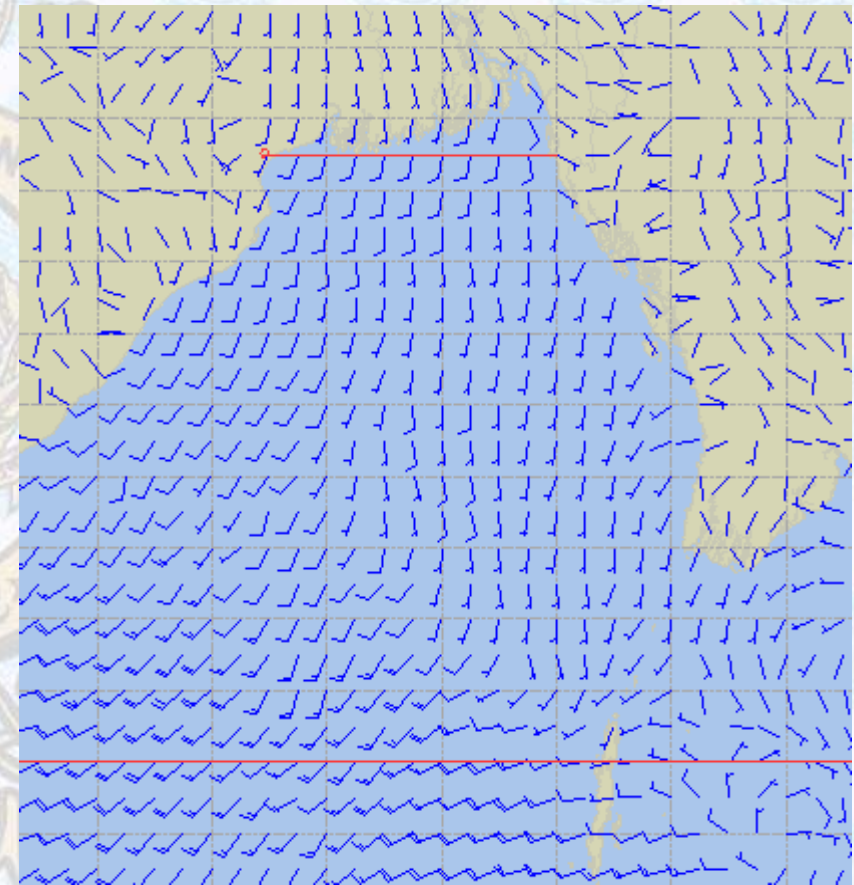
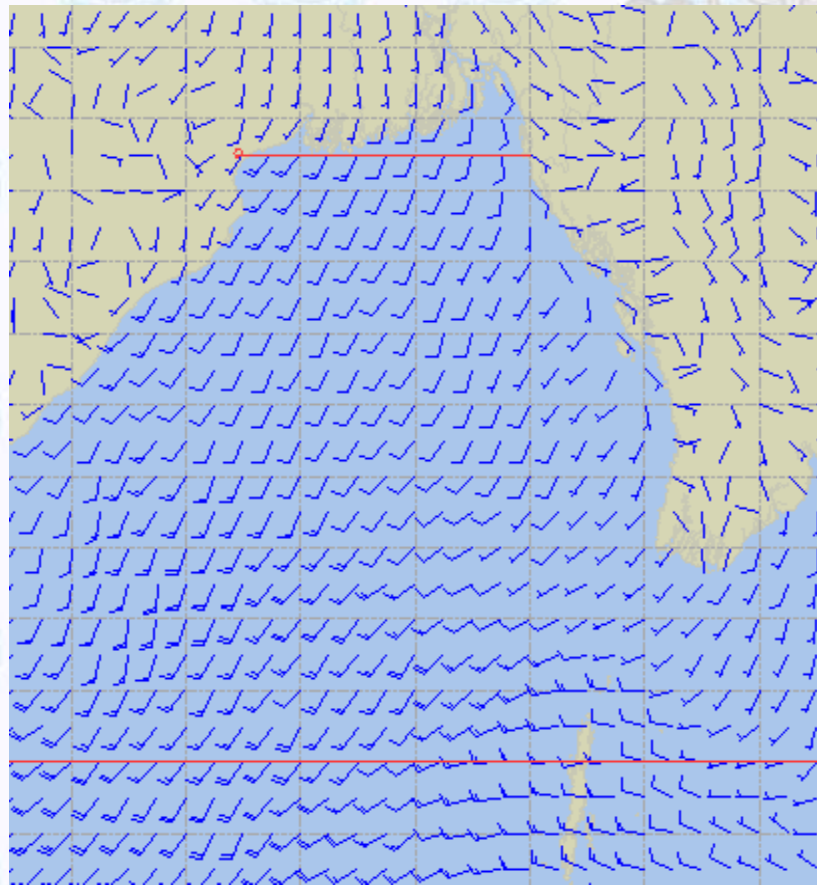
**60 Knots**



# Surface Wind Forecast – 16 & 17 Sep - 2020

16 Sep 20 Wednesday

17 Sep 20 Thursday



**Legend:**



**Calm  
Winds**



**5 Knots**



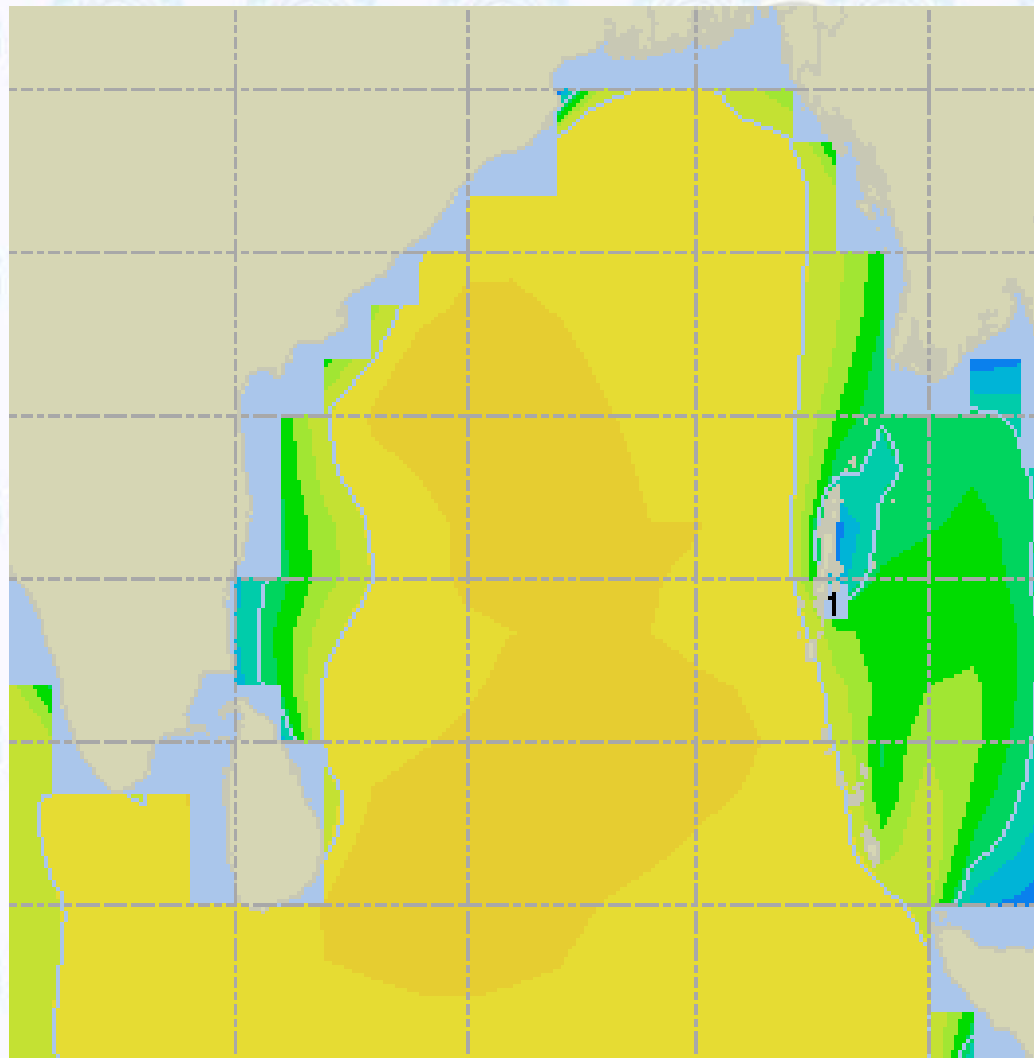
**10 Knots**



**60 Knots**



# Sea State Forecast – 15 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

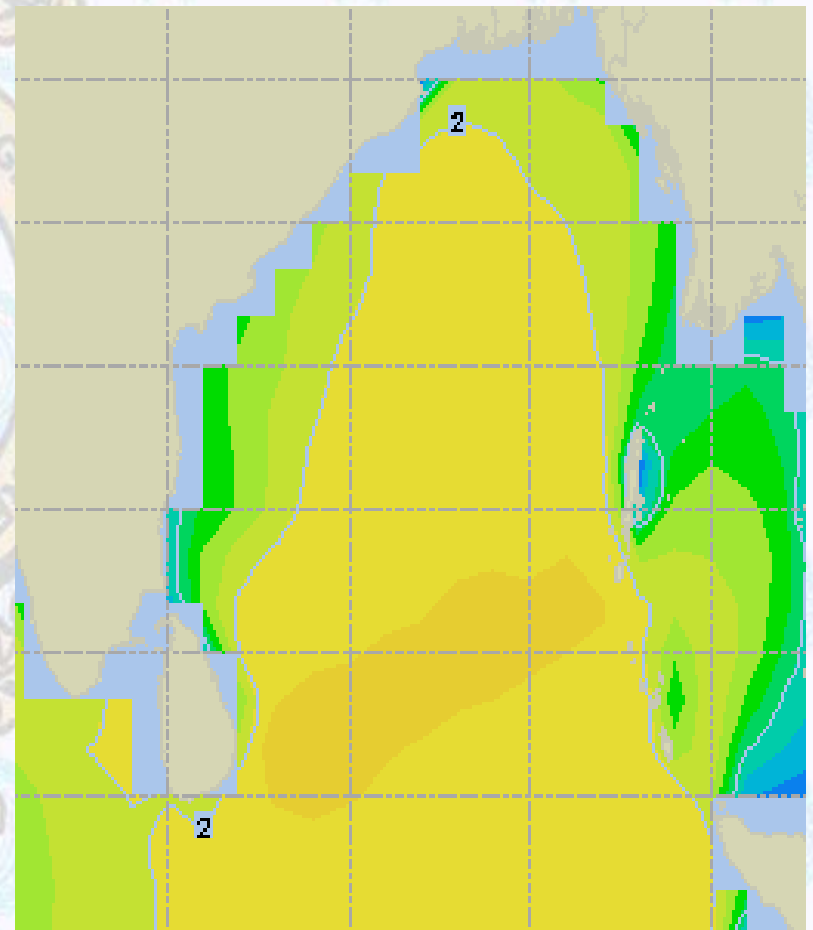
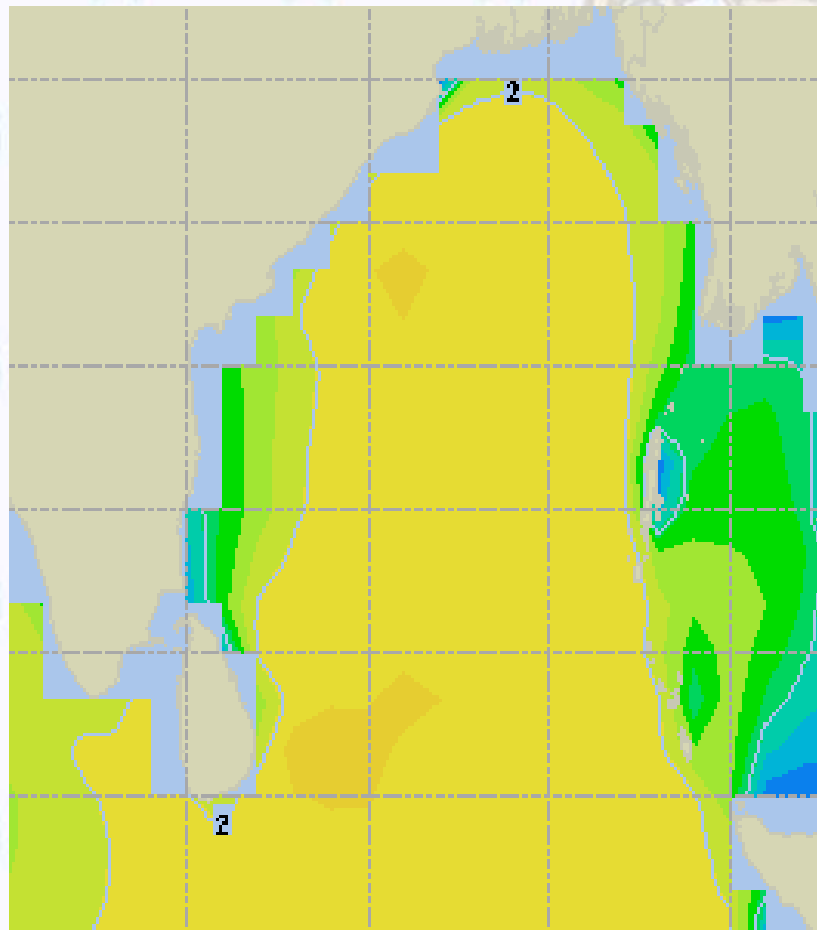




# Sea State Forecast – 16 & 17 Sep - 2020

16 Sep 20 Wednesday

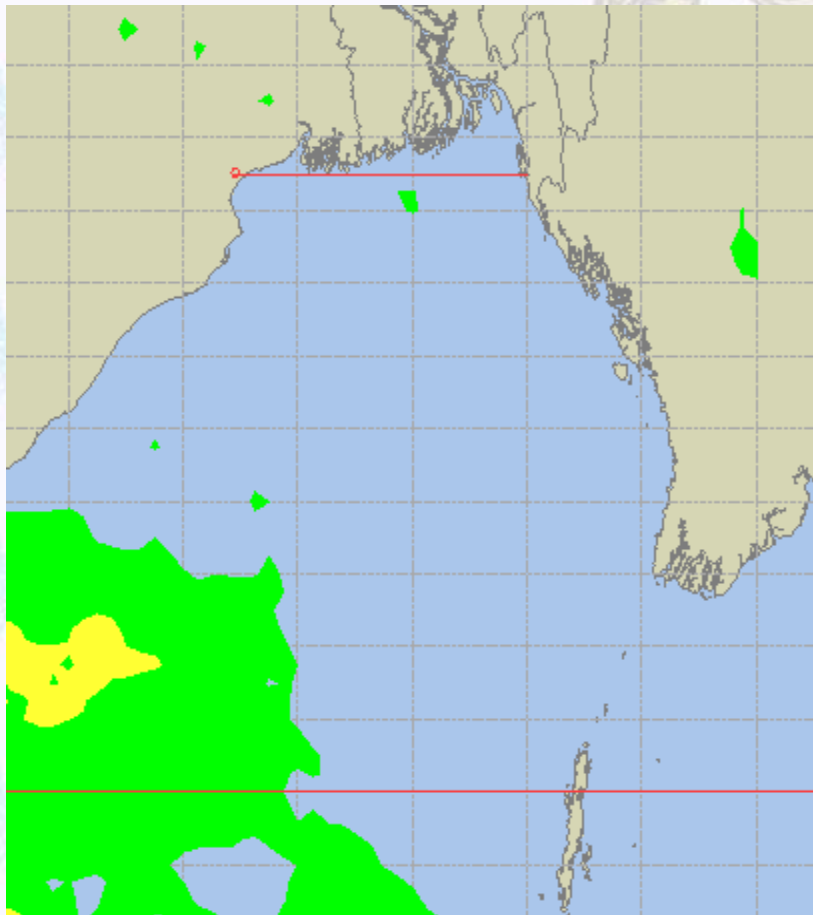
17 Sep 20 Thursday



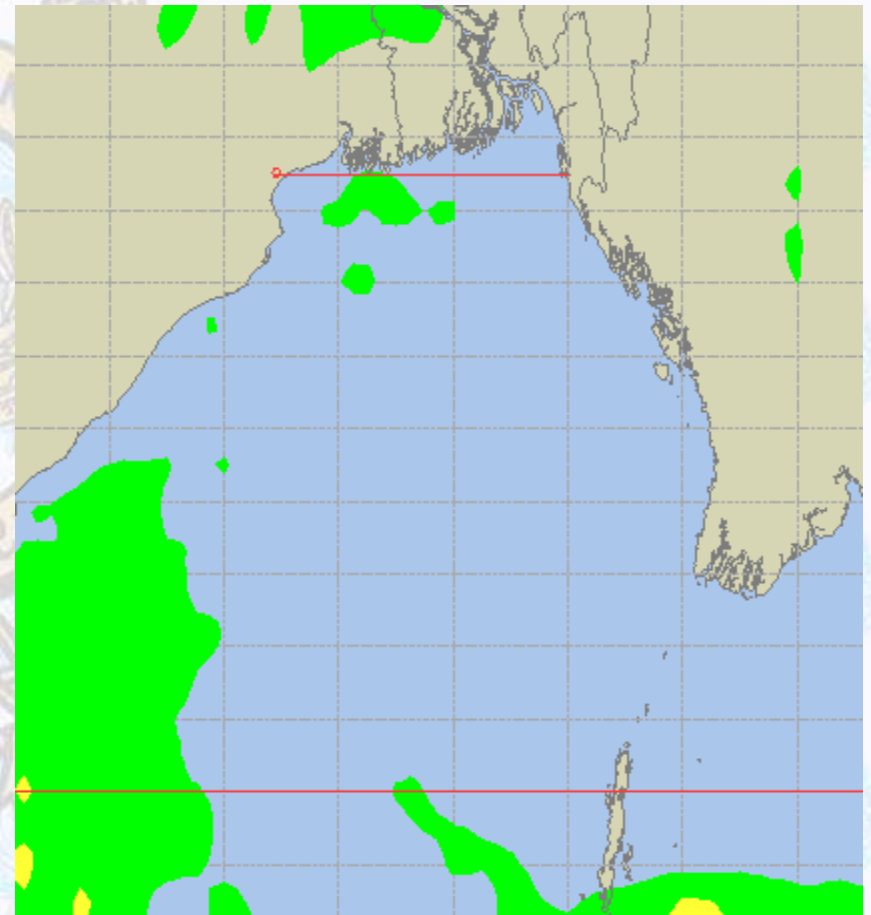


# Peak Gusting Possibilities— 15 & 16 Sep 2020

15 Sep 20 Tuesday



16 Sep 20 Wednesday

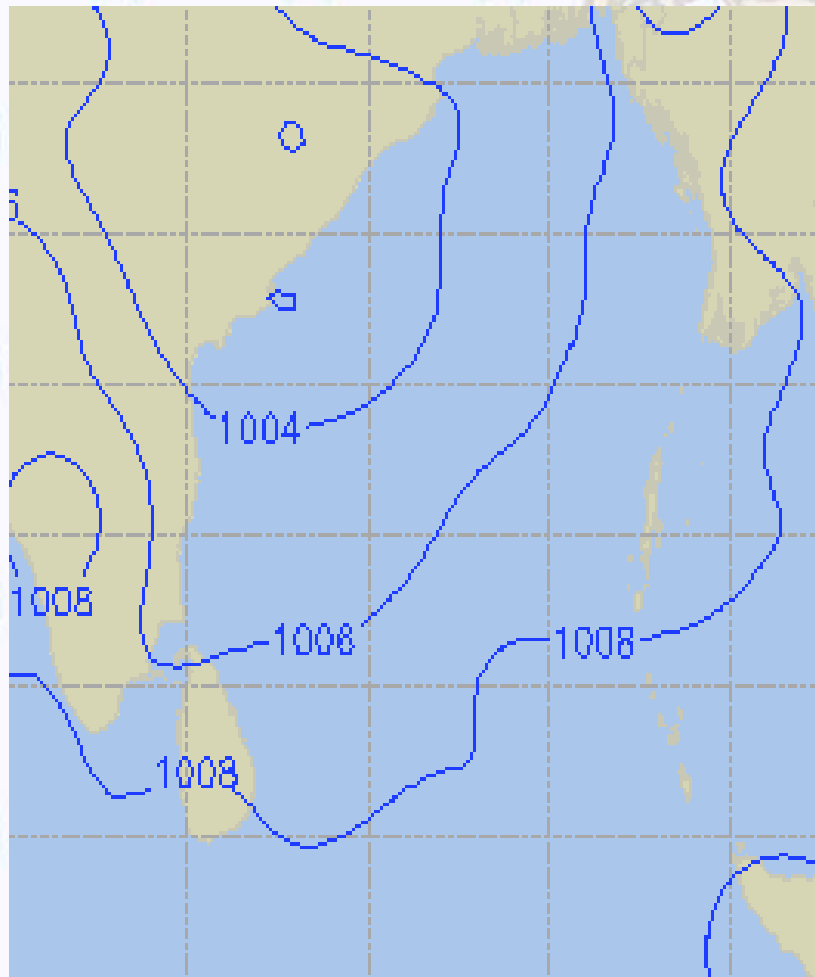




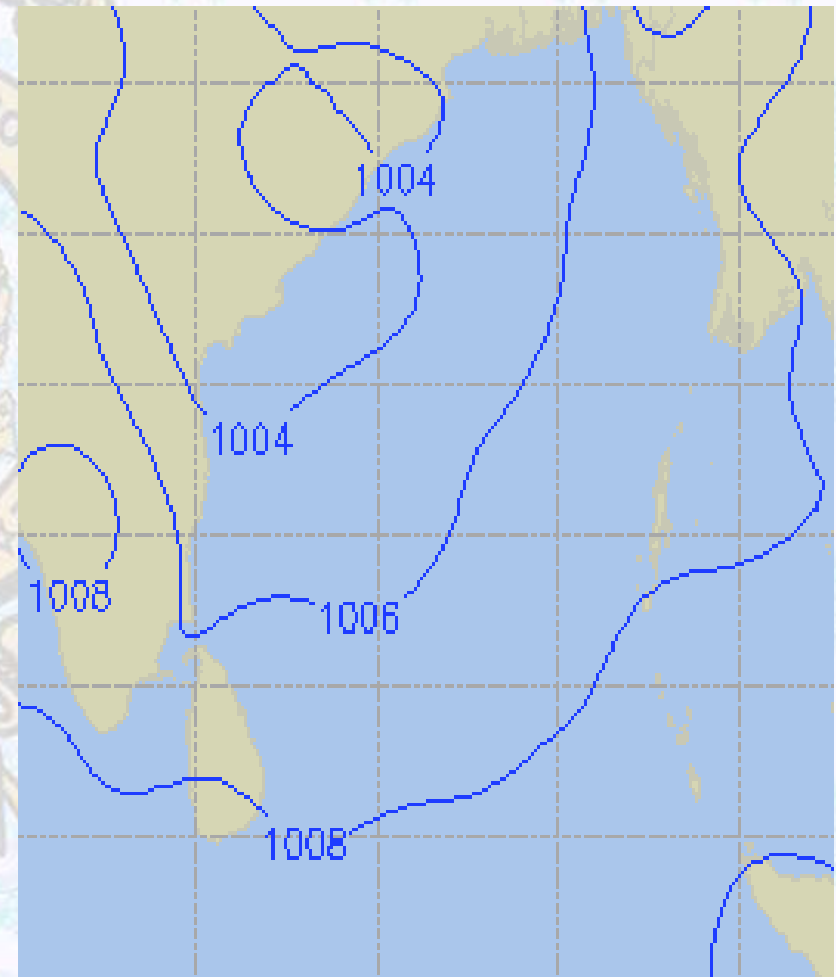


# Surface Pressure forecast– 15 & 16 Sep 2020

15 Sep 20 Tuesday



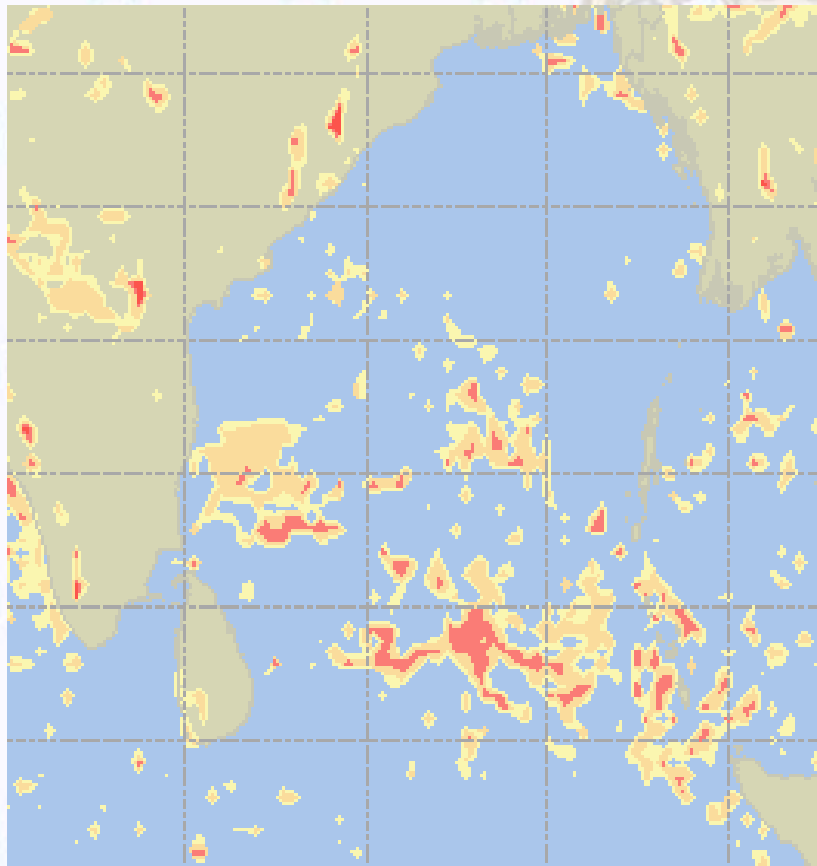
16 Sep 20 Wednesday



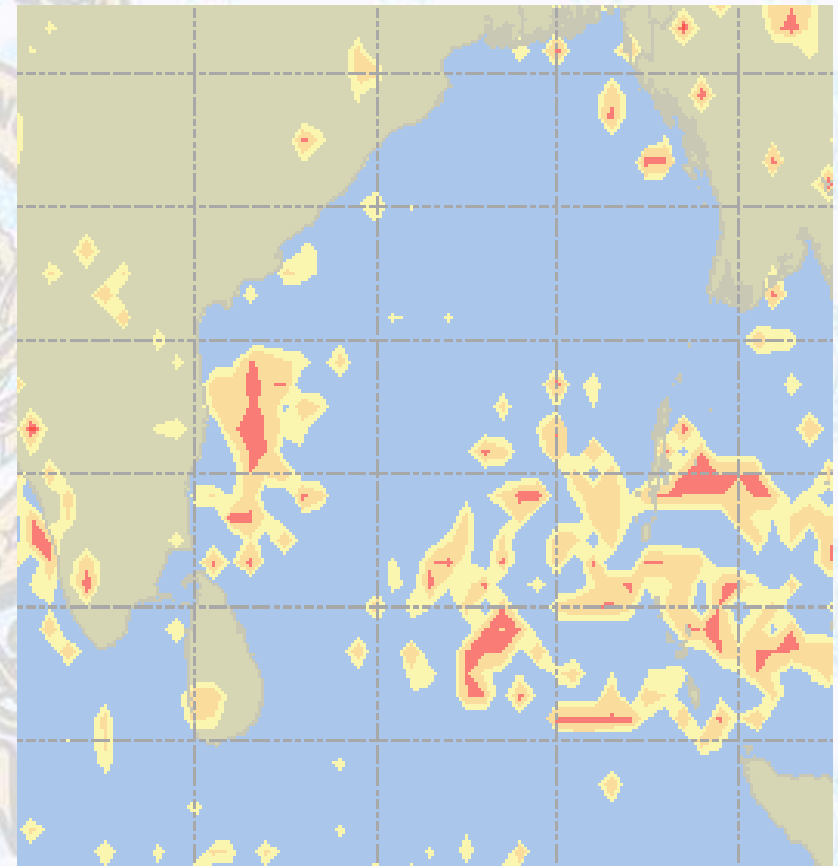


# Visibility at Sea Forecast – 15 & 16 Sep 2020

15 Sep 20 Tuesday



16 Sep 20 Wednesday



**Visibility Scale:**

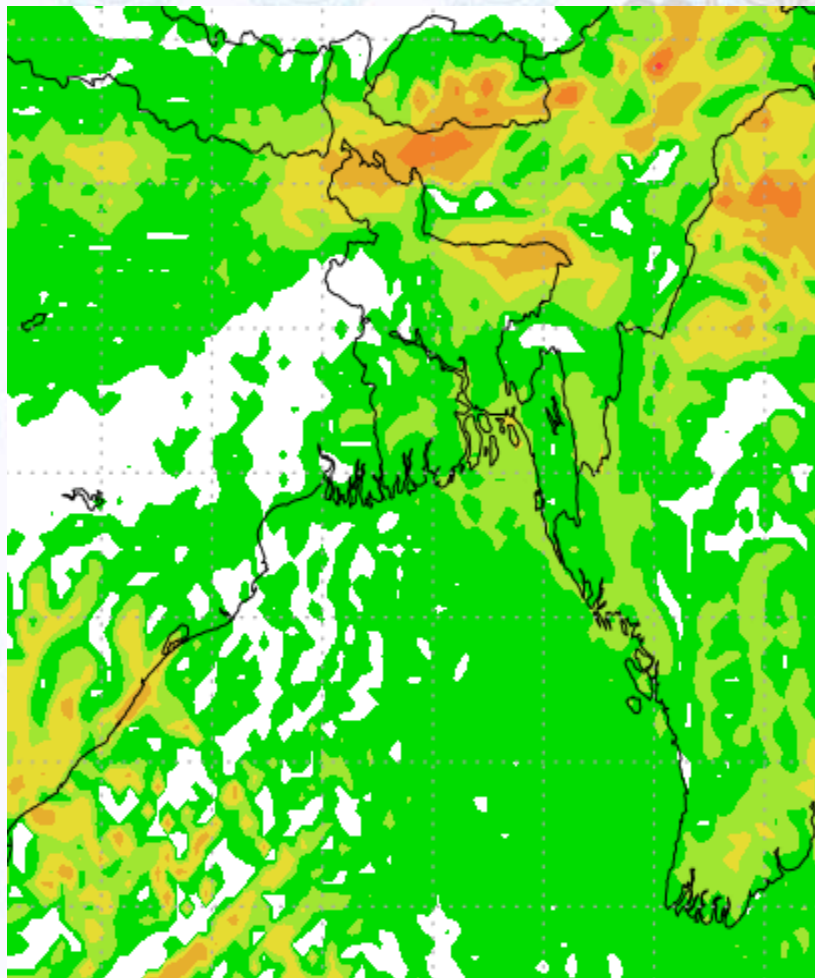


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

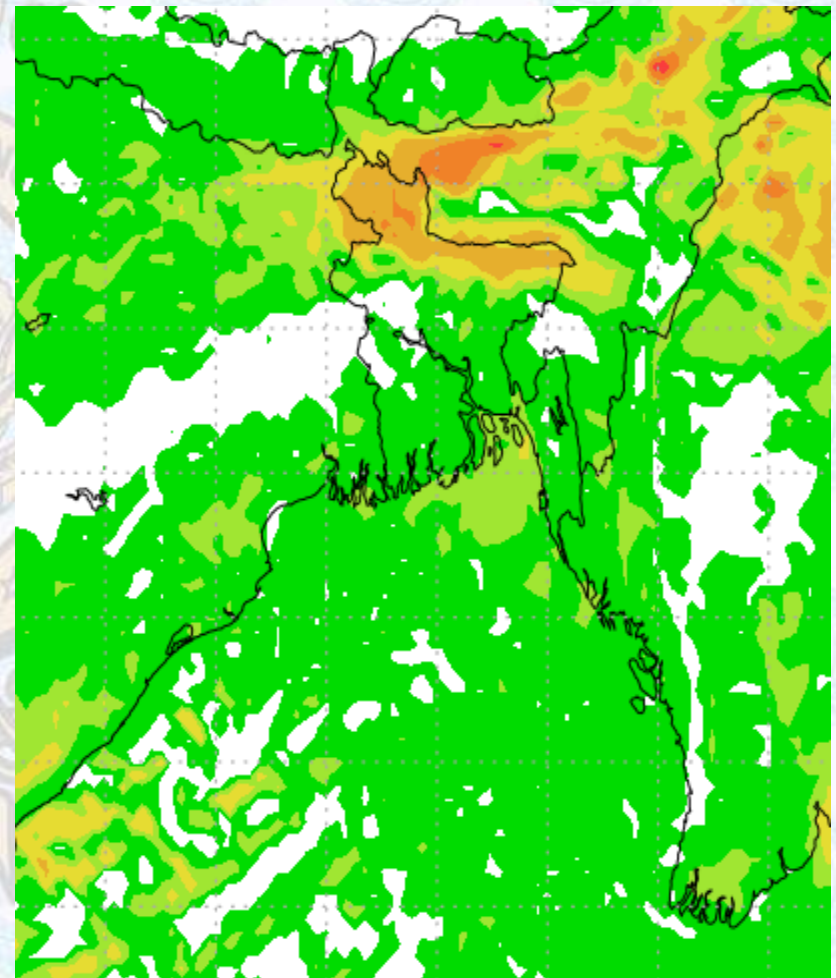


# Precipitation

Rain(mm) 15 & 16 Sep 2020



Rain(mm) 16 & 17 Sep 2020



Precipitation Scale (mm):





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

	Time	Height		Time	Height		Time	Height
<b>15 Sep 2020</b>	0526	1.21		0308	1.20		0241	1.20
	1120	4.93		0859	3.45		0853	3.17
	1806	0.98		1539	1.06		1527	1.07
	2354	4.84		2120	3.37		2125	3.08
<b>16 Sep 2020</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0618	0.91		0358	1.01		0334	0.97
	1204	5.21		0942	3.70		0938	3.35
	1849	0.73		1624	0.89		1609	0.82
	-	-		2201	3.64		2206	3.30
<b>17 Sep 2020</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0033	5.14		0444	0.85		0420	0.78
	0702	0.67		1022	3.88		1019	3.46
	1244	5.40		1707	0.75		1648	0.64
	1929	0.54		2241	3.83		2244	3.45