



# **WEATHER FORECAST FOR BN**

***17 SEP- 20 SEP 2020***





# WEATHER FORECAST – DHAKA

## 17.09.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	32 / 26	32 / 26	29 / 26	29 / 26
Wind	11 km/h S	9 km/h S	6 km/h S	6 km/h SSE
Humidity	70%	72%	81%	84%
Chance of Precip	16%	21%	6%	12%
Cloud Cover	76%	77%	78%	80%
Conditions	Mostly Cloudy	Mostly Cloudy	Mostly Cloudy	Mostly Cloudy
Sunrise Sunset	5: 46 AM 18: 01 PM			

### Conditions

Pressure : 1006 hpa

Visibility : 4.02 km

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





# WEATHER FORECAST – CHATTOGRAM

## 17.09.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	32 / 26	30 / 27	29 / 27	28 / 27
Wind	11 km/h SW	10 km/h SW	5 km/h SSW	4 km/h SSE
Humidity	72%	81%	88%	90%
Chance of Precip.	14%	9%	24%	24%
Cloud Cover	56%	61%	79%	82%
Conditions	Mostly Cloudy	Mostly Cloudy	Mostly Cloudy/ Light Rain	Mostly Cloudy/ Light Rain
Sunrise Sunset	5: 41 AM 17: 55 PM			

### Conditions

Pressure : 1004 hpa

Visibility : 9.66 Km

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



# WEATHER FORECAST – KHULNA

## 17.09.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	32 / 29	31 / 28	29 / 28	29 / 28
Wind	11 km/h SSW	10 km/h SSW	6 km/h S	5 km/h S
Humidity	81%	84%	91%	94%
Chance of Precip.	24%	19%	18%	15%
Cloud Cover	80%	87%	60%	74%
Conditions	Mostly Cloudy	Mostly Cloudy	Mostly Cloudy	Mostly Cloudy
Sunrise Sunset	5: 51 AM 18: 05 PM			

### Conditions

Pressure : 1004 hpa

Visibility : 14.48 Km

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





# GENERAL WEATHER FORECAST – DHAKA

Description	18 Sep 2020	19 Sep 2020	20 Sep 2020
<b>Temperature (C)</b>	33 °C/ 27 °C	34 °C/ 28 °C	37 °C/ 28 °C
<b>Summary</b>	Partly Cloudy	Partly Cloudy	Partly Cloudy
<b>Sun Rise/Set</b>	5h46m06s/17h58m18s	5h46m24s/17h57m18s	5h46m48s/17h56m30s
<b>Day Length</b>	12h12m12s	12h10m54s	12h09m42s
<b>Moon Rise/ Set</b>	6:24AM 6:55 PM	7:29AM 7:37 PM	8:34AM 8:19 PM
<b>Moon Phase/ illu</b>	Waxing Crescent 2%	Waxing Crescent 8%	Waxing Crescent 16%
<b>NauticalTwilight</b>	04:56, 18:47	04:57, 18:46	04:57, 18:46
<b>Civil Twilight</b>	05:23, 18:21	05:23, 18:20	05:23, 18:20
<b>Humidity</b>	D : 74%    N : 83%	D : 71%    N : 80%	D : 67%    N : 79%
<b>Barometer (mb)</b>	1004	1002	1000
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	20%	20%	20%
<b>Wind (mph)</b>	5 Km/h ESE	5 Km/h NNW	10 Km/h NNE

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



# GENERAL WEATHER FORECAST– CHATTOGRAM

Description	18 Sep 2020	19 Sep 2020	20 Sep 2020
<b>Temperature (C)</b>	32 °C/ 26 °C	33 °C/ 27 °C	34 °C/ 27 °C
<b>Summary</b>	Partly Cloudy/ Light Rain	Partly Cloudy/ Light Rain	Partly Cloudy/ Light Rain
<b>Sun Rise/Set</b>	5h40m36s/17h52m24s	5h40m54s/17h51m30s	5h41m12s/17h50m36s
<b>Day Length</b>	12h11m48s	12h10m36s	12h9m24s
<b>Moon Rise/ Set</b>	6:18AM 6:49 PM	7:23AM 7:32 PM	8:27AM 8:15 PM
<b>Moon Phase/ illu</b>	Waxing Crescent 2%	Waxing Crescent 8%	Waxing Crescent 16%
<b>NauticalTwilight</b>	04:51, 18:41	04:52, 18:40	04:52, 18:40
<b>Civil Twilight</b>	05:17, 18:15	05:18, 18:14	05:18, 18:14
<b>Humidity</b>	D : 81% N : 93%	D : 81% N : 93%	D : 81% N : 88%
<b>Barometer (mb)</b>	1005	1003	1000
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	40%	40%	80%
<b>Wind (mph)</b>	6 Km/h WNW	7 Km/h NW	12 Km/h N

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





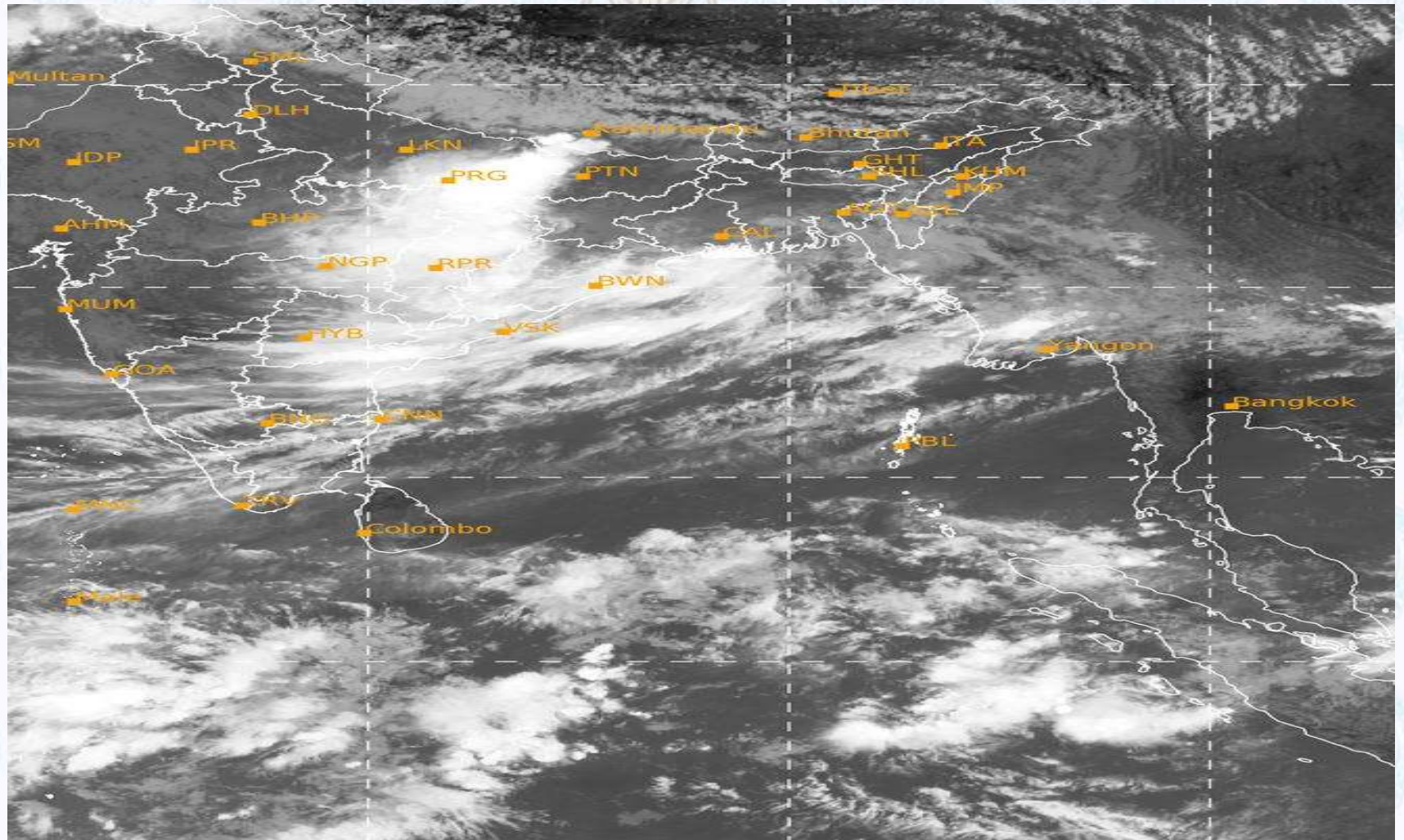
# GENERAL WEATHER FORECAST – KHULNA

Description	18 Sep 2020	19 Sep 2020	20 Sep 2020
<b>Temperature(C)</b>	33°C/ 27°C	34°C/ 28°C	36°C/ 27°C
<b>Summary</b>	Partly Cloudy	Partly Cloudy	Partly Cloudy
<b>Sun Rise/Set</b>	5h49m42s/18h01m36s	5h50m00s/18h00m36s	5h50m18s/17h59m48s
<b>Day Length</b>	12h11m54s	12h10m36s	12h09m30s
<b>Moon Rise/Set</b>	6:29AM 7:00 PM	7:33AM 7:42 PM	8:37AM 8:25 PM
<b>Moon Phase/illu</b>	Waxing Crescent 2%	Waxing Crescent 8%	Waxing Crescent 16%
<b>Nautical Twilight</b>	05:00, 18:50	05:01, 18:49	05:01, 18:49
<b>Civil Twilight</b>	05:26, 18:24	05:27, 18:23	05:27, 18:23
<b>Humidity</b>	D : 78% N : 87%	D : 76% N : 85%	D : 72% N : 83%
<b>Barometer (mb)</b>	1004	1002	1000
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	60%	30%	30%
<b>Wind (mph)</b>	7 km/h SE	4 km/h N	10 km/h N

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



# SATELLITE VIEW OF BAY OF BENGAL



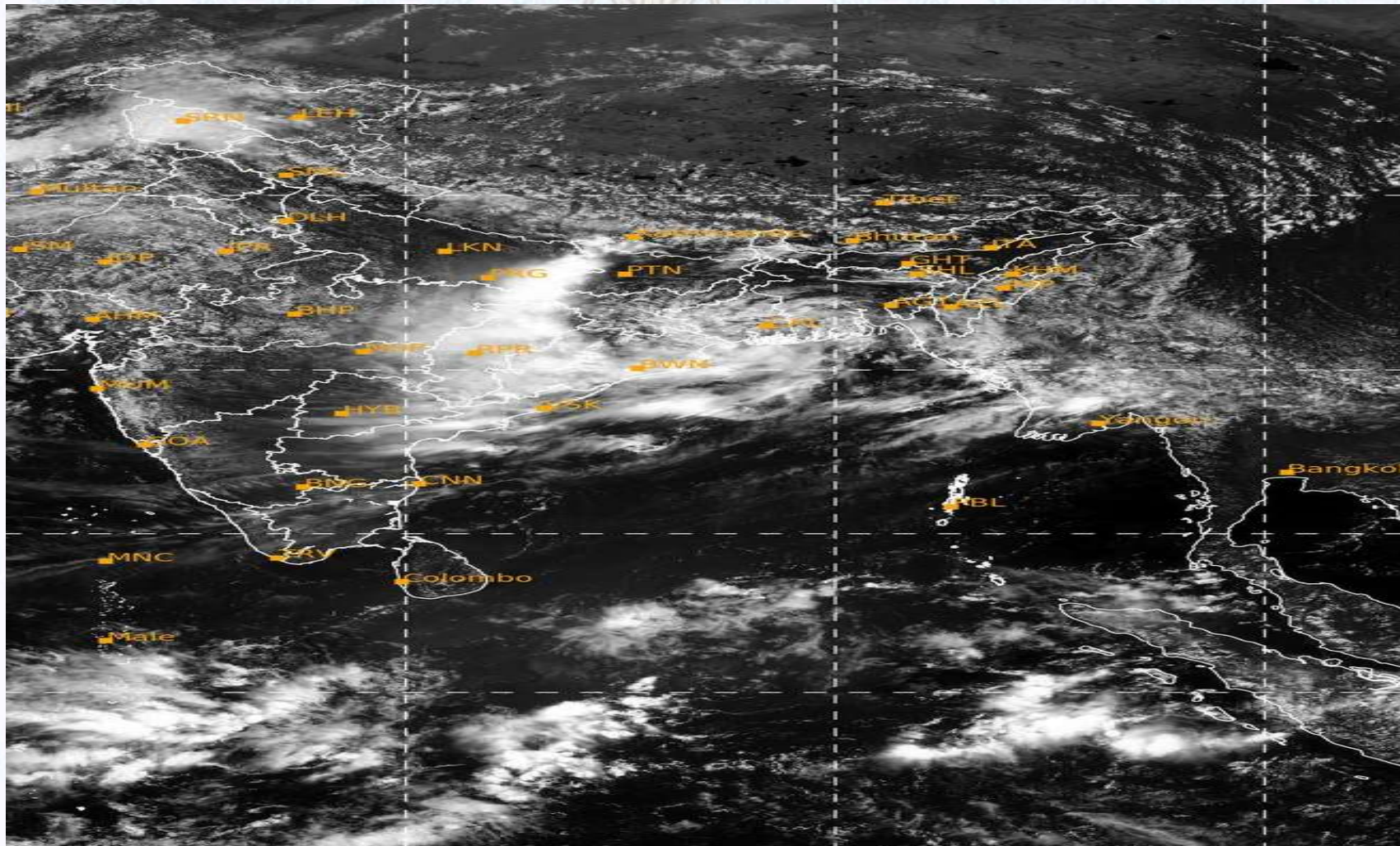
17/09/2020, 11:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



17/09/2020, 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 17.09.2020)

<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 = 17,0000 UTC. CHATTOGRAM =1006 HPA





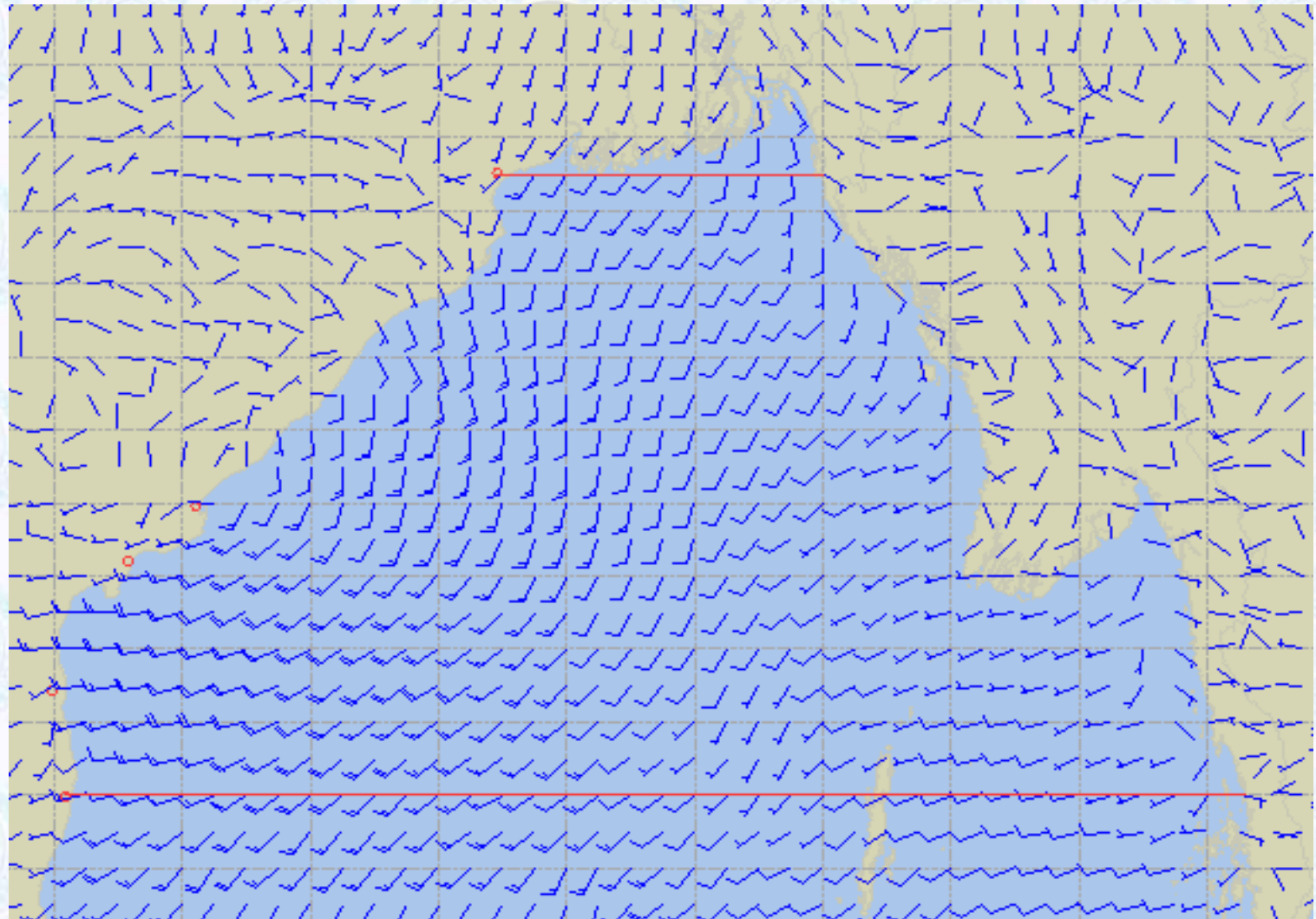
## **Inland River Port Warning** **(VALID TILL 06 PM OF 17.09.2020)**

RAIN/THUNDER SHOWERS ACCOMPANIED BY TEMPORARY SOUTH/SOUTH-EASTERLY GUSTY/SQUALLY WIND SPEED 45-60 KPH IS LIKELY TO OCCUR OVER THE REGIONS OF RANGPUR, DINAJPUR, RAJSHAHI, PABNA, BOGURA, TANGAIL, MYMENSINGH, DHAKA, FARIDPUR, MADARIPUR, JASHORE, KUSHTIA, 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- 18 Sep- 2020



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



**60 Knots**

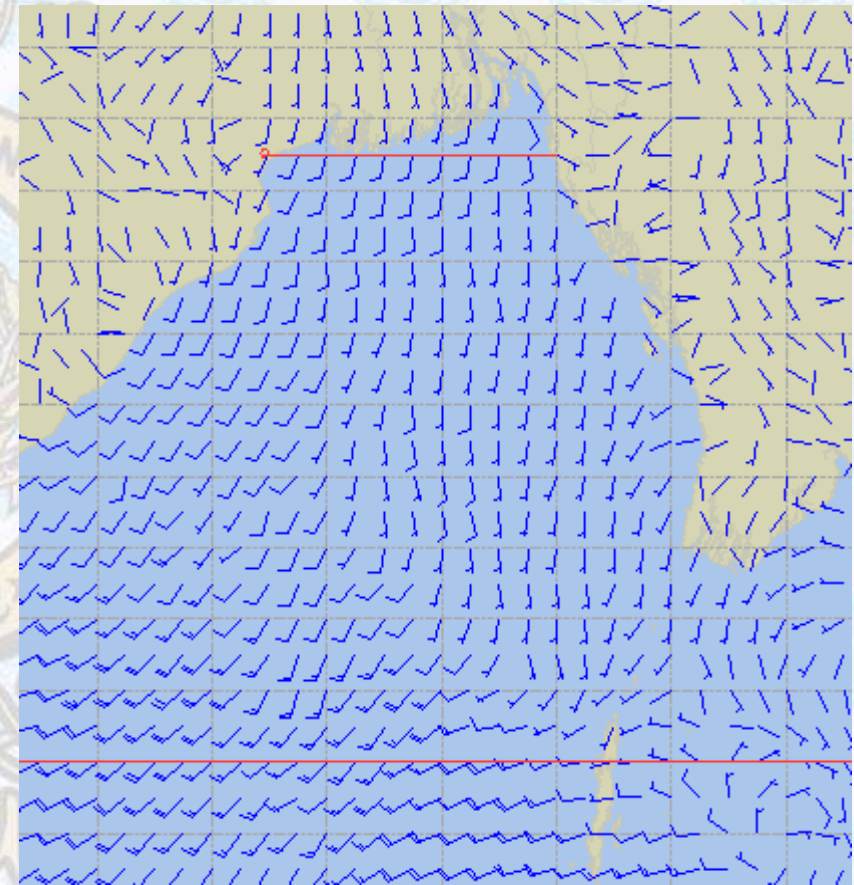
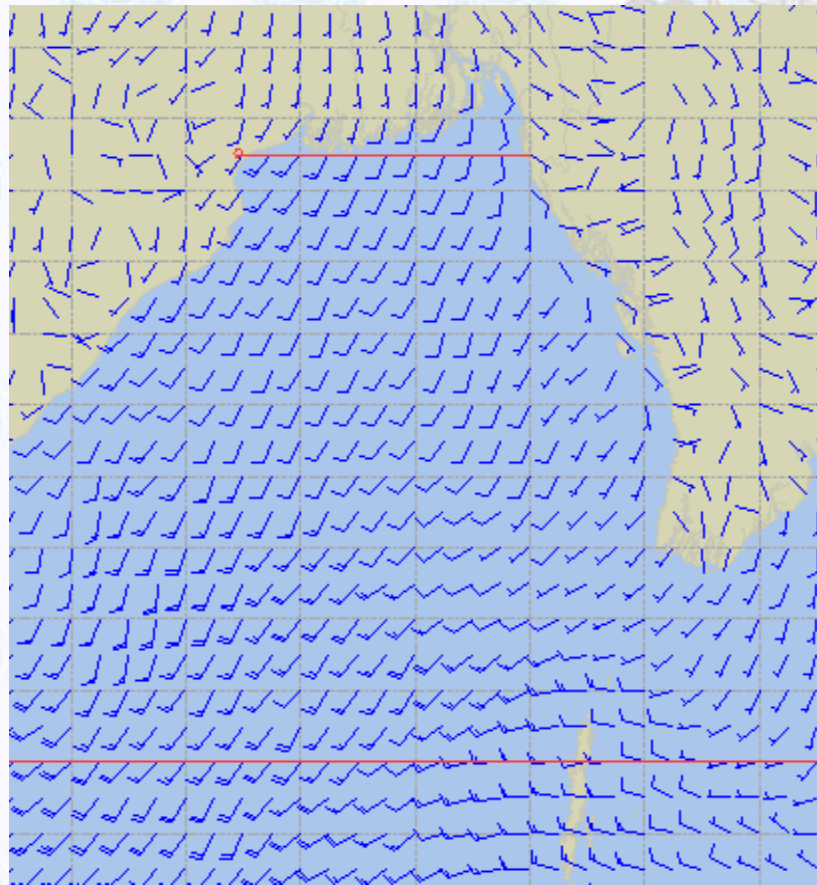




# Surface Wind Forecast – 19 & 20 Sep - 2020

19 Sep 20 Saturday

20 Sep 20 Sunday



**Legend:**



**Calm  
Winds**



**5 Knots**



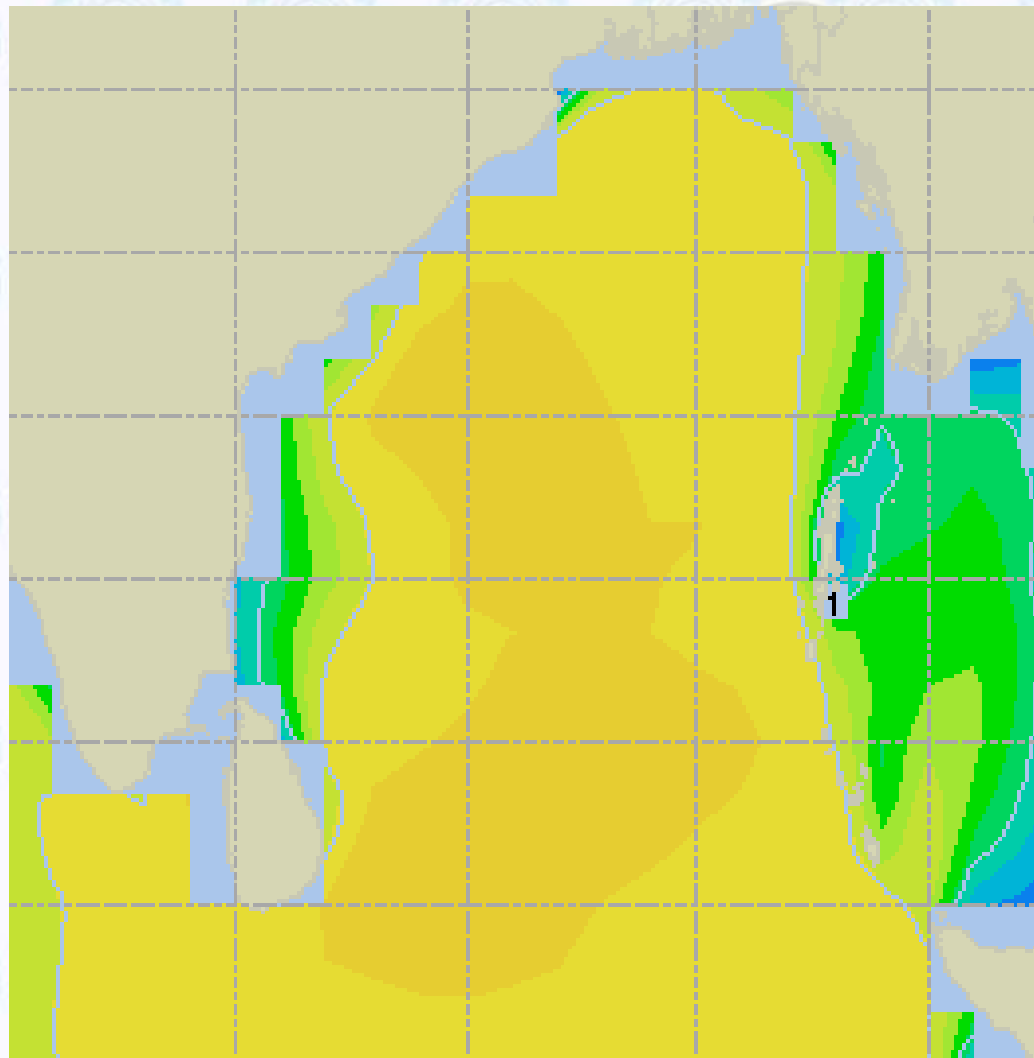
**10 Knots**



**60 Knots**



# Sea State Forecast – 18 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



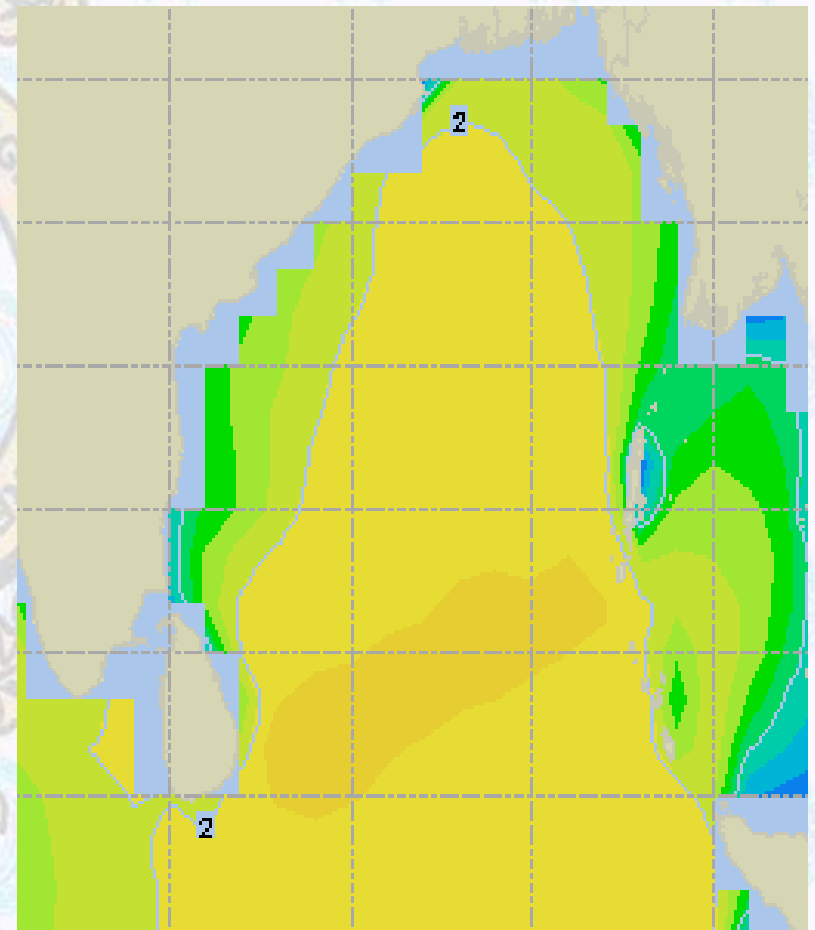
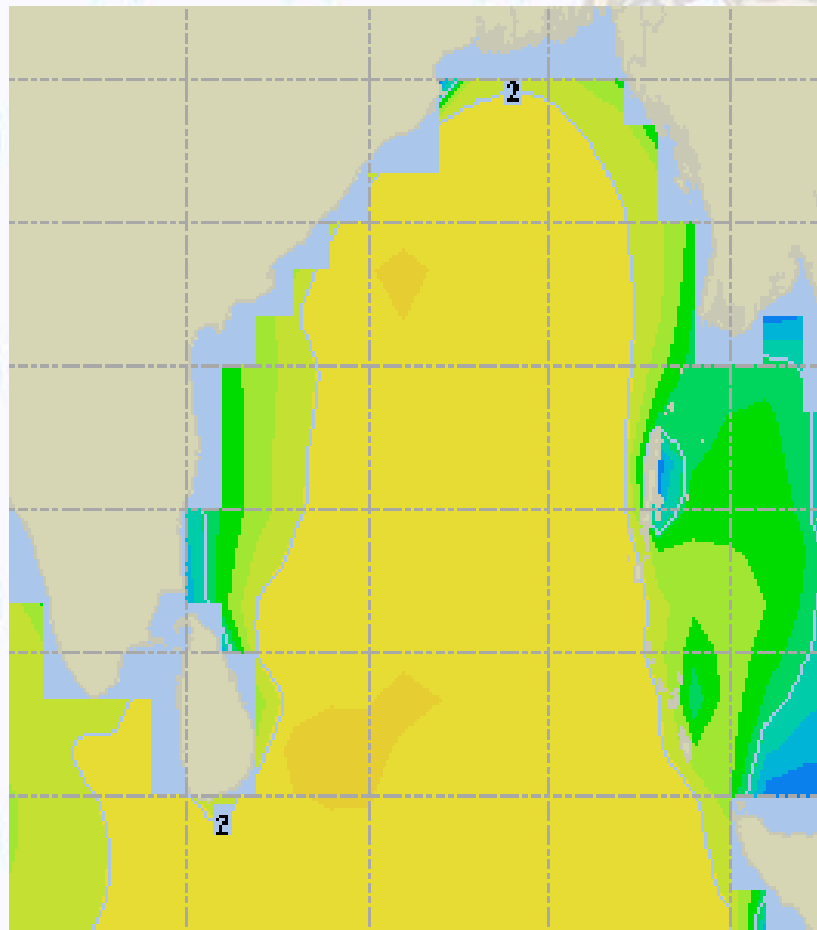




# Sea State Forecast – 19 & 20 Sep - 2020

19 Sep 20 Saturday

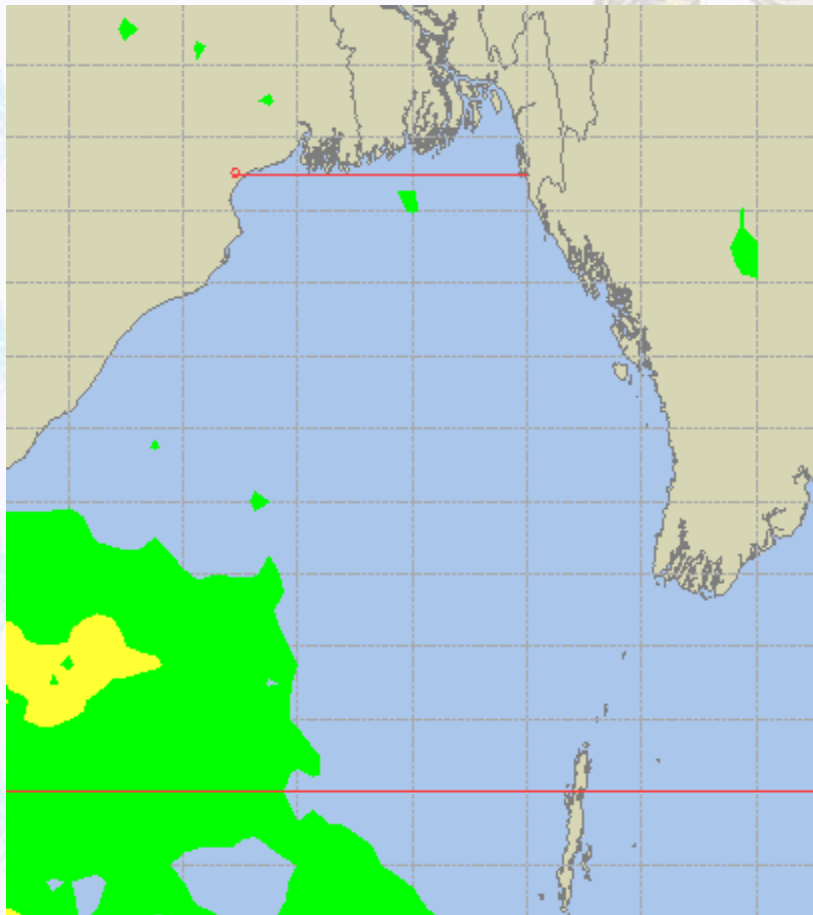
20 Sep 20 Sunday



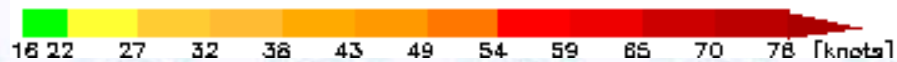
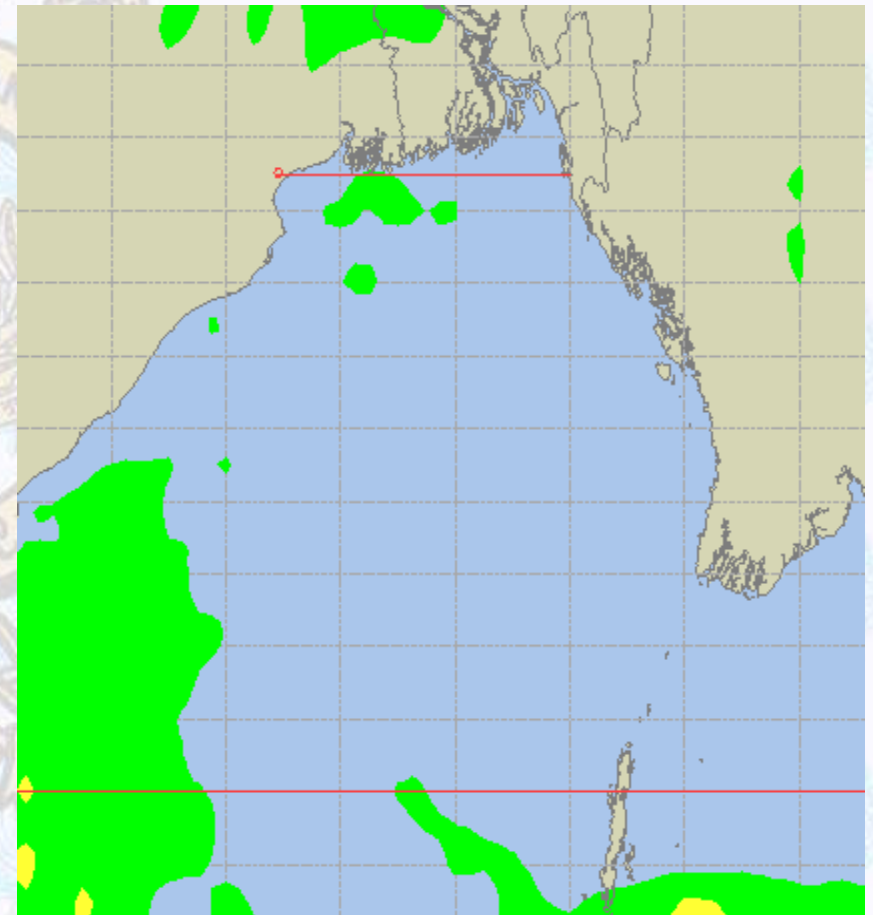


# Peak Gusting Possibilities— 18 & 19 Sep 2020

18 Sep 20 Friday



19 Sep 20 Saturday

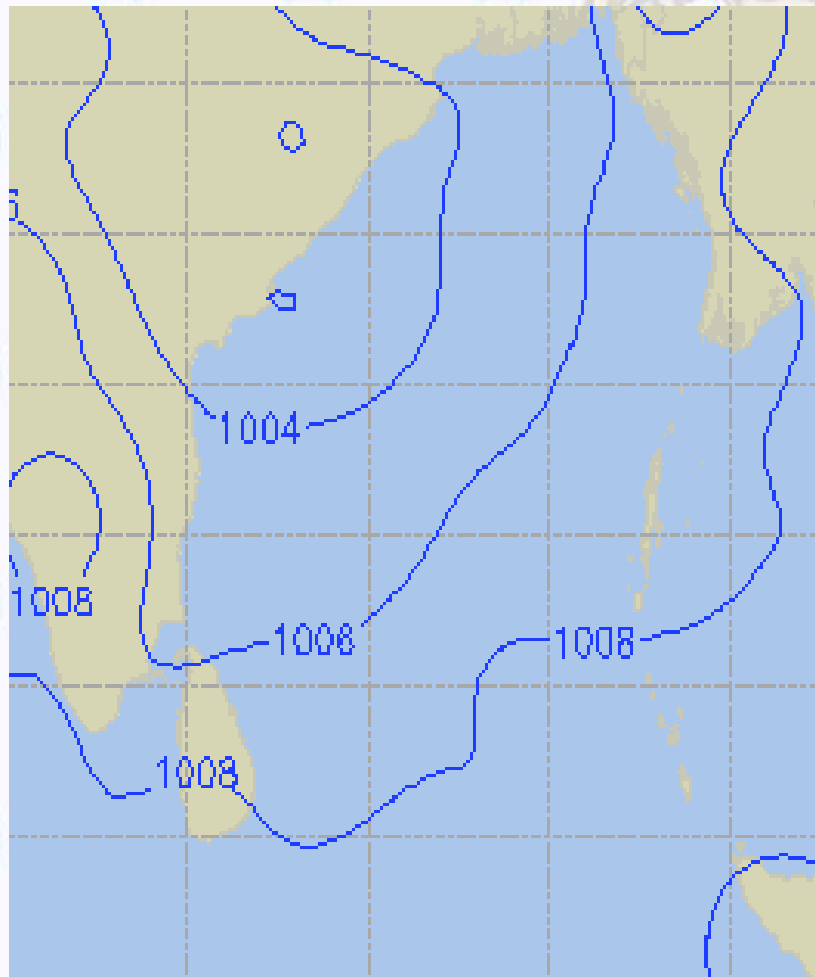




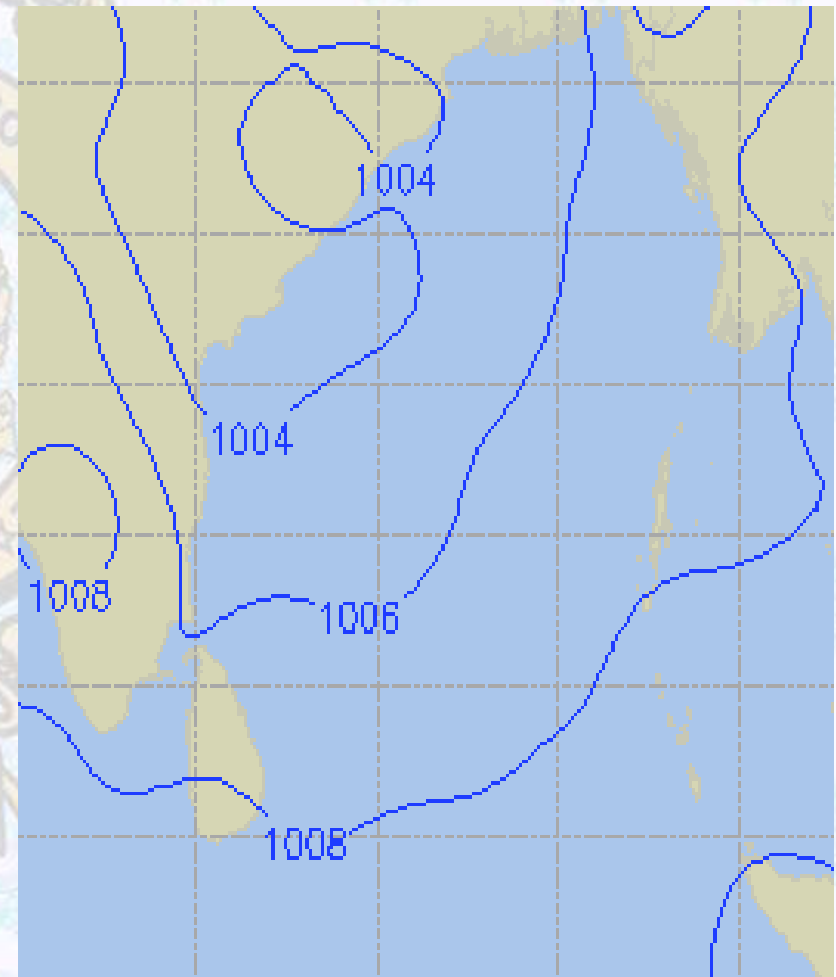


# Surface Pressure forecast– 18 & 19 Sep 2020

18 Sep 20 Friday



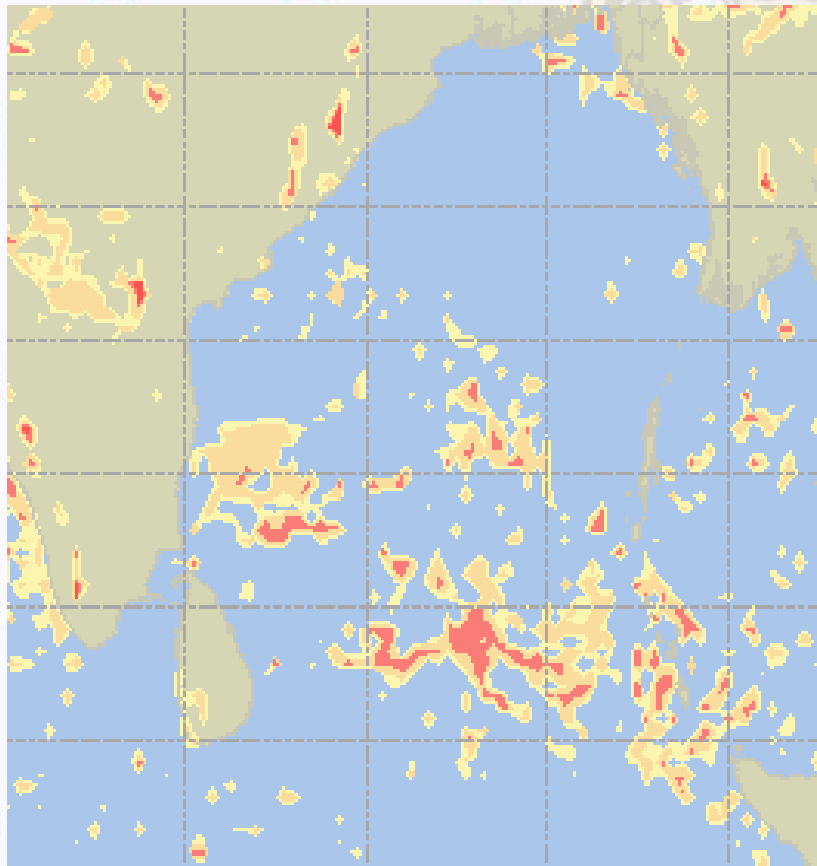
19 Sep 20 Saturday



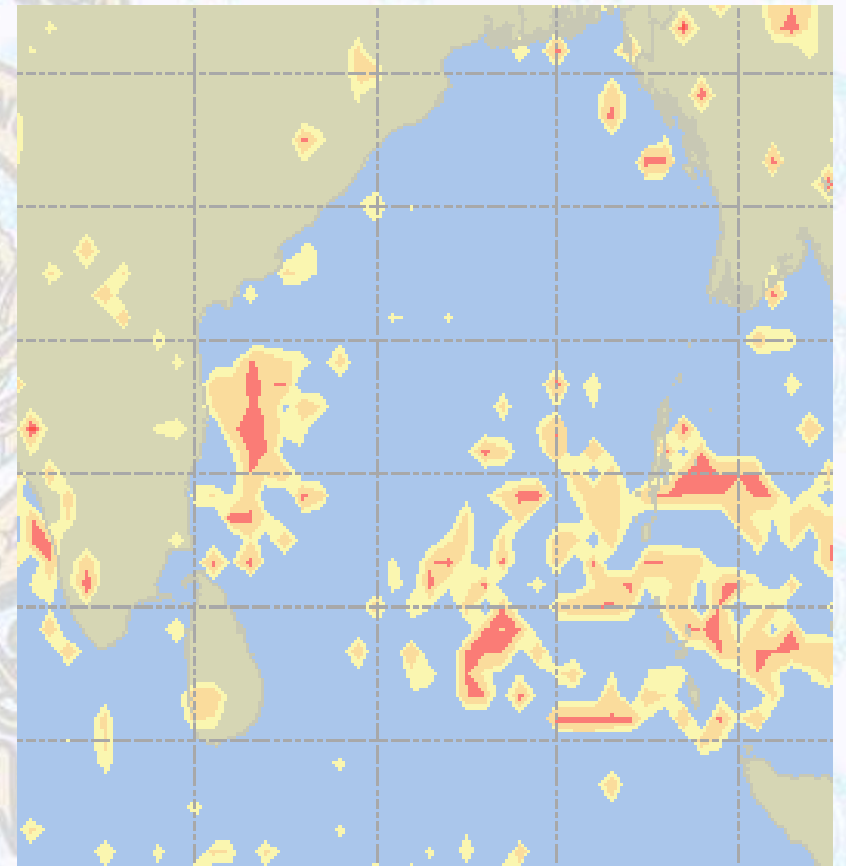


# Visibility at Sea Forecast – 18 & 19 Sep 2020

18 Sep 20 Friday



19 Sep 20 Saturday



**Visibility Scale:**



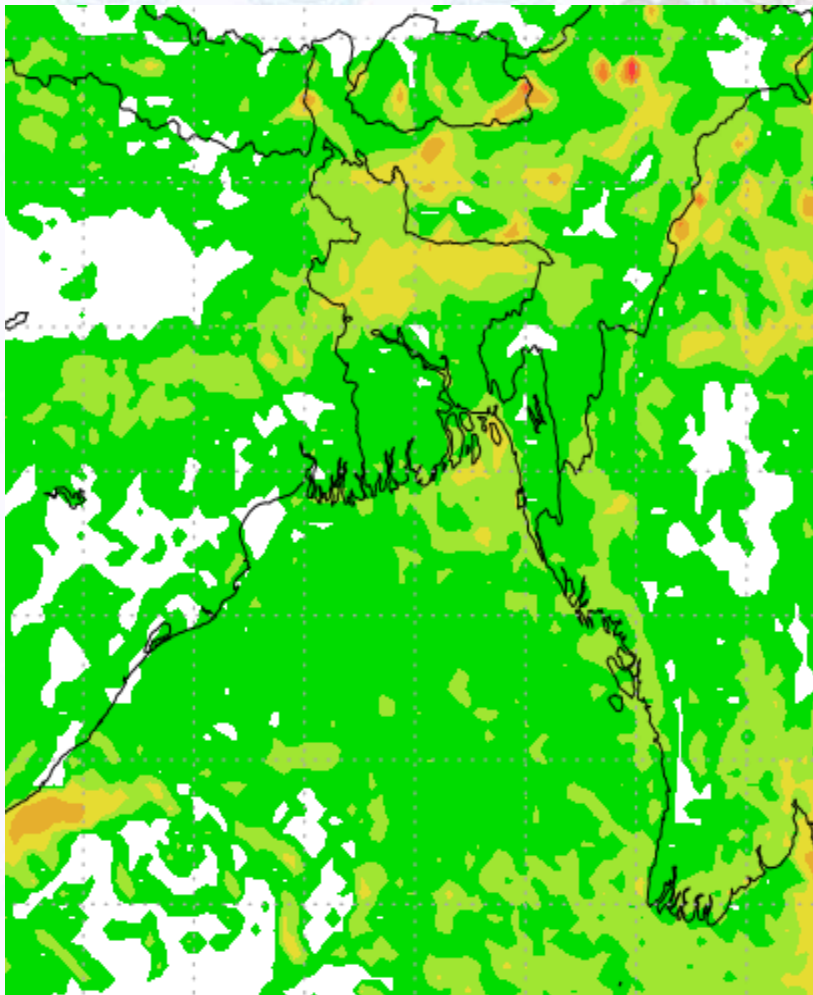
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



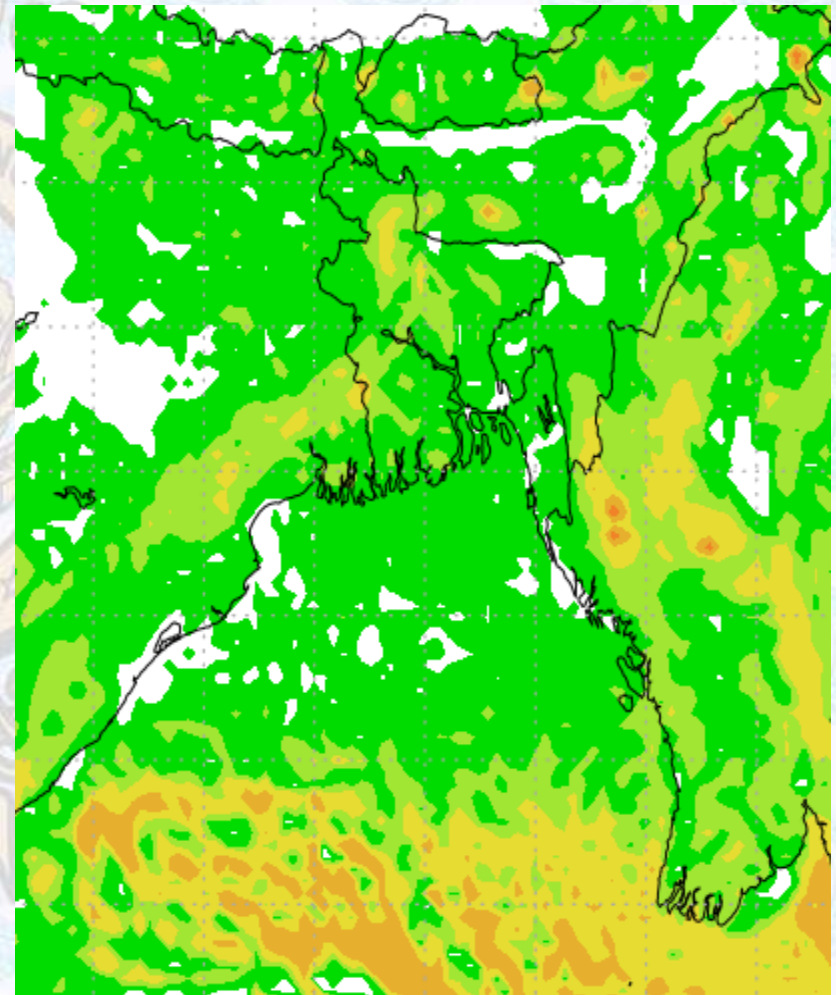


# Precipitation

Rain(mm) 18 & 19 Sep 2020



Rain(mm) 19 & 20 Sep 2020



**Precipitation Scale (mm):**





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

	Time	Height		Time	Height		Time	Height
18 Sep 2020	0110	5.36		0527	0.74		0502	0.65
	0743	0.51		1102	3.97		1058	3.51
	1322	5.51		1748	0.66		1726	0.53
	2006	0.41		2321	3.91		2323	3.53
19 Sep 2020	Time	Height		Time	Height		Time	Height
	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		-	-		-	-
20 Sep 2020	Time	Height		Time	Height		Time	Height
	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