



# **WEATHER FORECAST FOR BN**

***12 SEP- 15 SEP 2020***





# WEATHER FORECAST – DHAKA

## 12.09.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	32 / 26	31 / 26	29 / 26	29 / 26
Wind	8 km/h S	9 km/h S	7 km/h SSE	7 km/h SSE
Humidity	71%	75%	81%	82%
Chance of Precip	24%	24%	14%	15%
Cloud Cover	88%	87%	88%	89%
Conditions	Cloudy	Cloudy	Cloudy	Cloudy
Sunrise Sunset	5: 44 AM 18: 06 PM			

### Conditions

Pressure : 1007 hpa

Visibility : 12.87 km

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





# WEATHER FORECAST – CHATTOGRAM

## 12.09.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31 / 27	30 / 26	29 / 26	28 / 27
Wind	9 km/h SW	9 km/h SW	5 km/h S	5 km/h SE
Humidity	77%	80%	87%	90%
Chance of Precip.	14%	10%	24%	32%
Cloud Cover	79%	77%	77%	83%
Conditions	Mostly Cloudy	Mostly Cloudy	Cloudy	Mostly Cloudy/ Light Rain
Sunrise Sunset	5: 38 AM 17: 58 PM			

### Conditions

Pressure : 1008 hpa

Visibility : 16.09 Km

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



# WEATHER FORECAST – KHULNA

## 12.09.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	32 / 28	31 / 28	29 / 27	29 / 27
Wind	9 km/h SSE	10 km/h SSE	8 km/h SSE	5 km/h SSE
Humidity	77%	80%	87%	92%
Chance of Precip.	24%	17%	6%	8%
Cloud Cover	82%	87%	72%	72%
Conditions	Cloudy	Cloudy	Mostly Cloudy	Mostly Cloudy/ Light Rain
Sunrise Sunset	5: 47 AM 18: 07 PM			

### Conditions

Pressure : 1008 hpa

Visibility : 12.82 Km

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





# GENERAL WEATHER FORECAST – DHAKA

Description	13 Sep 2020	14 Sep 2020	15 Sep 2020
<b>Temperature (C)</b>	32 °C/ 27 °C	32 °C/ 27 °C	31 °C/ 27 °C
<b>Summary</b>	Partly Cloudy	Partly Cloudy	Partly Cloudy
<b>Sun Rise/Set</b>	5h44m18s/18h03m36s	5h44m42s/18h02m30s	5h45m00s/18h01m24s
<b>Day Length</b>	12h19m18s	12h17m48s	12h16m24s
<b>Moon Rise/ Set</b>	1:07AM 3:06 PM	2:06AM 3:58 PM	3:10AM 4:46 PM
<b>Moon Phase/ illu</b>	Waning Crescent 18%	Waning Crescent 10%	Waning Crescent 4%
<b>NauticalTwilight</b>	04:54, 18:53	04:55, 18:52	04:55, 18:51
<b>Civil Twilight</b>	05:21, 18:26	05:21, 18:25	05:22, 18:24
<b>Humidity</b>	D : 75%    N : 84%	D : 76%    N : 84%	D : 77%    N : 84%
<b>Barometer (mb)</b>	1007	1007	1006
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	50%	40%	60%
<b>Wind (mph)</b>	10 Km/h S	11 Km/h SSE	12 Km/h S

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



# GENERAL WEATHER FORECAST– CHATTOGRAM

Description	13 Sep 2020	14 Sep 2020	15 Sep 2020
<b>Temperature (C)</b>	31 °C/ 26 °C	31 °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>	5h39m00s/17h57m24s	5h39m24s/17h56m24s	5h39m42s/17h55m18s
<b>Day Length</b>	12h18m24s	12h17m00s	12h15m36s
<b>Moon Rise/ Set</b>	1:04AM 2:57 PM	2:03AM 3:49 PM	3:06AM 4:38 PM
<b>Moon Phase/ illu</b>	Waning Crescent 18%	Waning Crescent 10%	Waning Crescent 4%
<b>NauticalTwilight</b>	04:50, 18:46	04:50, 18:45	04:51, 18:45
<b>Civil Twilight</b>	05:16, 18:20	05:16, 18:19	05:17, 18:19
<b>Humidity</b>	D : 81% N : 91%	D : 82% N : 92%	D : 83% N : 91%
<b>Barometer (mb)</b>	1008	1008	1008
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	50%	60%	80%
<b>Wind (mph)</b>	10 Km/h S	13 Km/h S	13 Km/h S

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





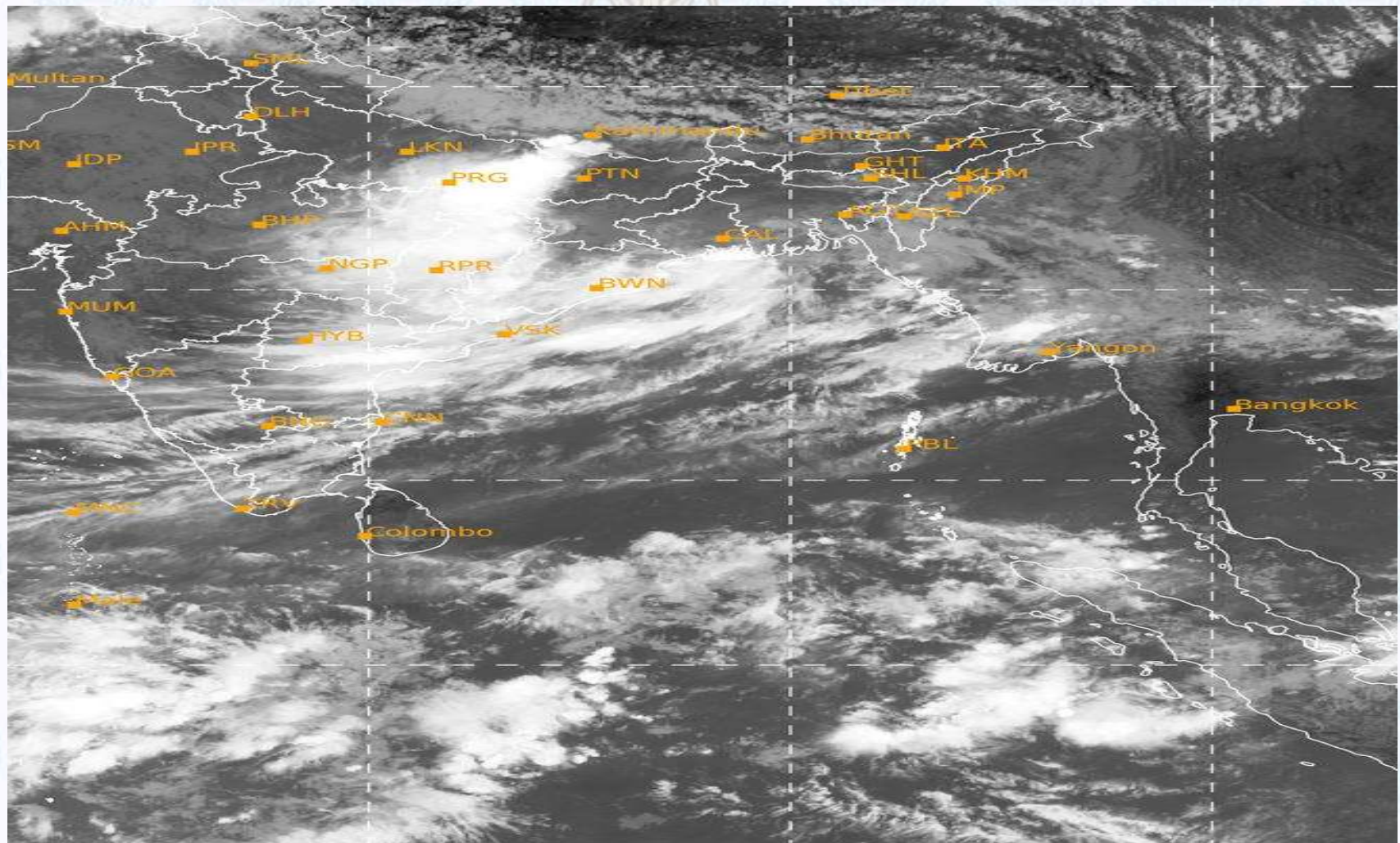
# GENERAL WEATHER FORECAST – KHULNA

Description	13 Sep 2020	14 Sep 2020	15 Sep 2020
<b>Temperature(C)</b>	33°C/ 27°C	32°C/ 27°C	31°C/ 27°C
<b>Summary</b>	Partly Cloudy	Partly Cloudy	Partly Cloudy
<b>Sun Rise/Set</b>	5h48m00s/18h06m42s	5h48m24s/18h05m36s	5h48m42s/18h04m36s
<b>Day Length</b>	12h18m42s	12h17m12s	12h15m54s
<b>Moon Rise/Set</b>	1:14AM 3:08 PM	2:13AM 4:00 PM	3:16AM 4:48 PM
<b>Moon Phase/illu</b>	Waning Crescent 18%	Waning Crescent 10%	Waning Crescent 4%
<b>Nautical Twilight</b>	04:59, 18:55	04:59, 18:54	05:00, 18:53
<b>Civil Twilight</b>	05:25, 18:29	05:25, 18:28	05:26, 18:27
<b>Humidity</b>	D : 78%    N : 87%	D : 80%    N : 88%	D : 81%    N : 97%
<b>Barometer (mb)</b>	1007	1007	1006
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	60%	80%	80%
<b>Wind (mph)</b>	12 km/h SSE	12 km/h SSE	12 km/h S

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



# SATELLITE VIEW OF BAY OF BENGAL



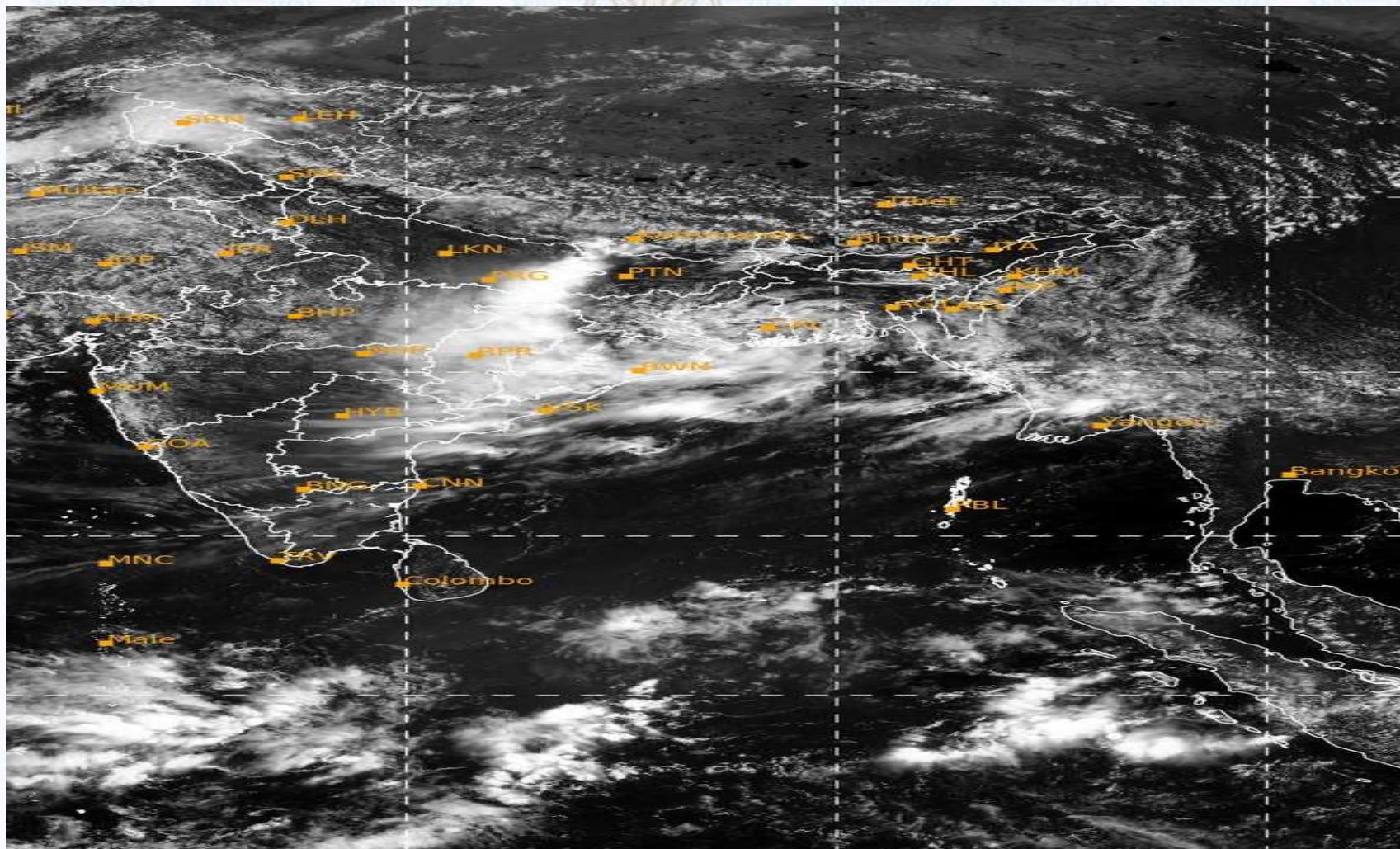
12/09/2020, 11:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



12/09/2020, 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 12.09.2020)

<b>Part One</b>	NO STORM WARNING.	
<b>Part Two</b>	TROUGH OF LOW LIES OVER NORTH BAY. MONSOON IS WEAK OVER NORTH BAY.	
<b>Part Three</b>	Weather	TEMPORARY RAIN/THUNDER SHOWERS OVER AREA C-90.
	Wind	SOUTH/SOUTH-EASTERLY, 10-12 KTS, TEMPORARY GUSTING TO 22 KTS.
	Visibility	03-05 KMS, REDUCING TO 2000 M OR LESS IN RAIN/SHOWERS.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 12,0000 UTC. CHATTOGRAM =1007 HPA





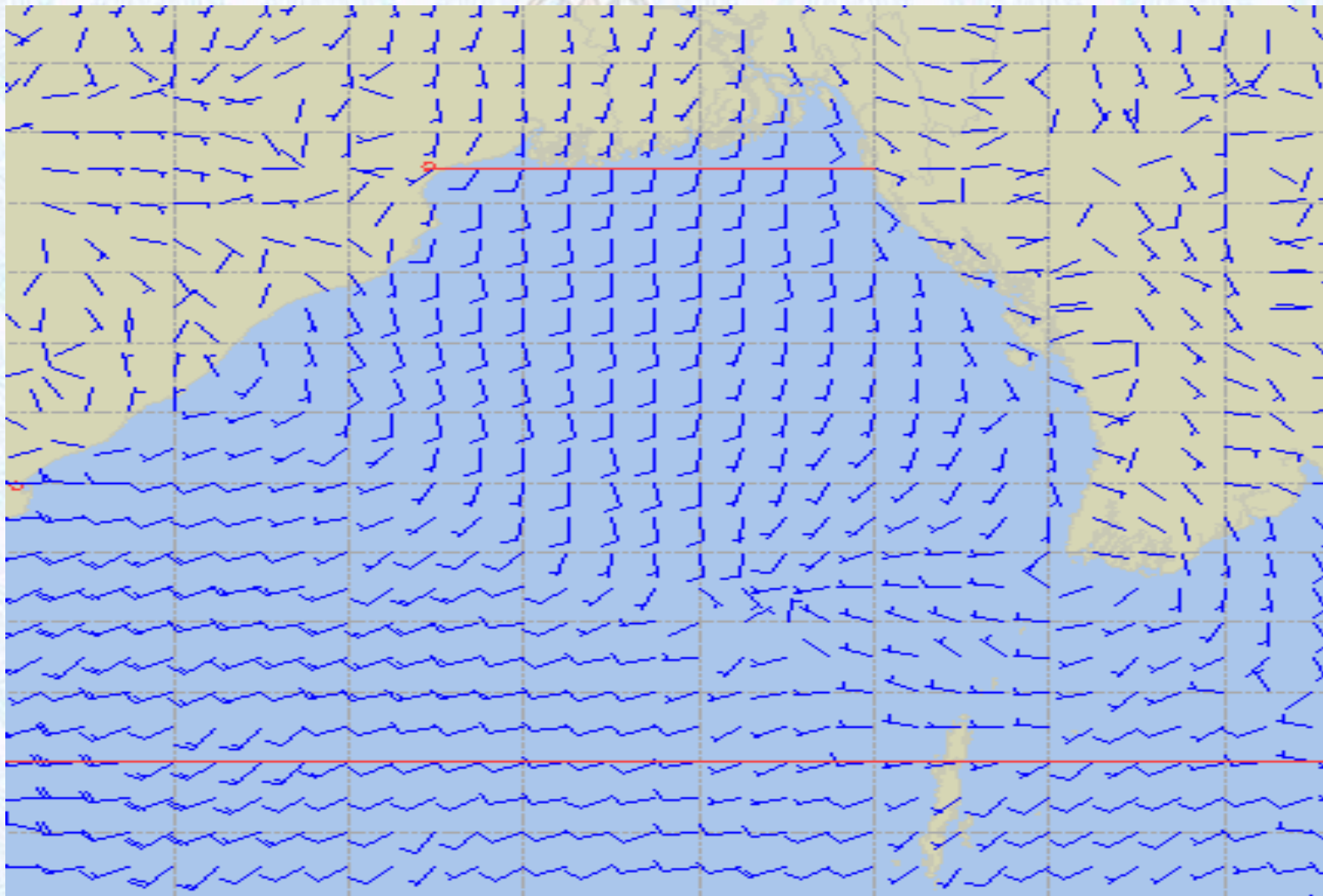
## **Inland River Port Warning** **(VALID TILL 06 PM OF 12.09.2020)**

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, PABNA, BOGURA, TANGAIL, MYMENSINGH, CUMILLA, NOAKHALI, CHATTOGRAM & amp; SYLHET WHEREIN RIVERPORTS SHALL HOIST CAUTIONARY SIGNAL NO ONE (R) ONE.

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



# Surface Wind Forecast- 13 Sep- 2020



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



**60 Knots**

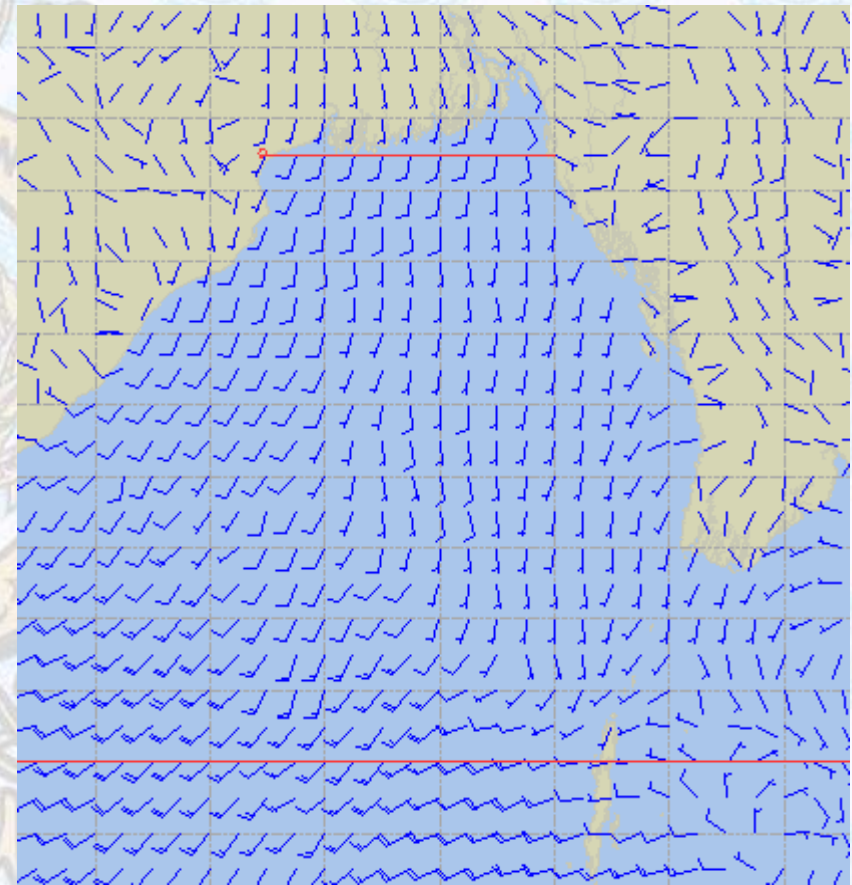
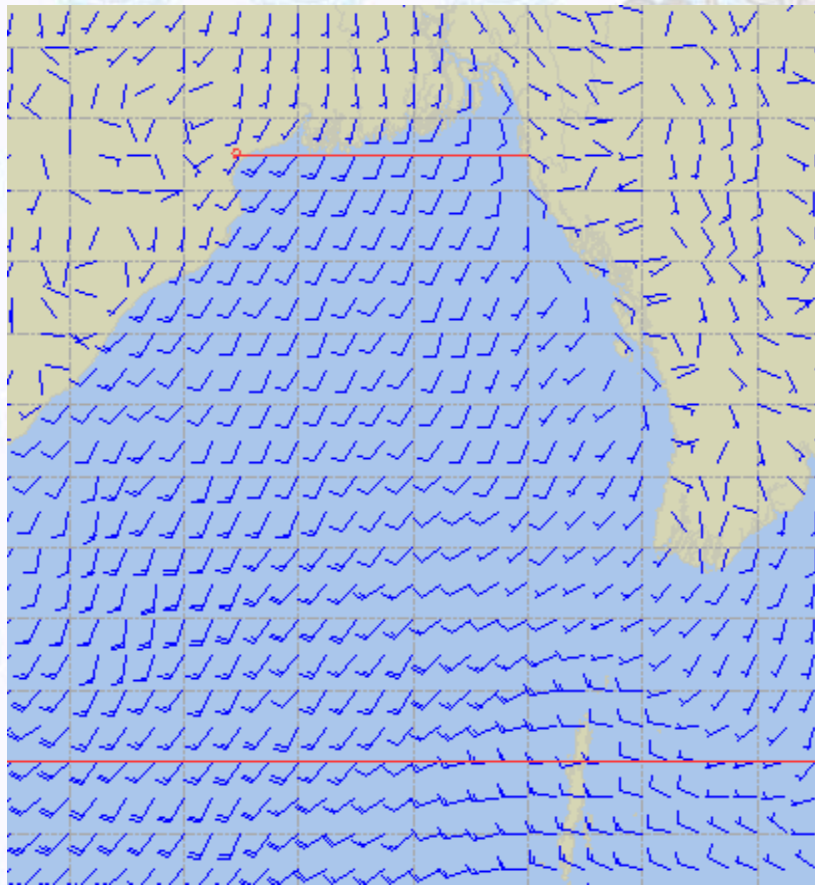




# Surface Wind Forecast – 14 & 15 Sep - 2020

14 Sep 20 Monday

15 Sep 20 Tuesday



**Legend:**



**Calm  
Winds**



**5 Knots**



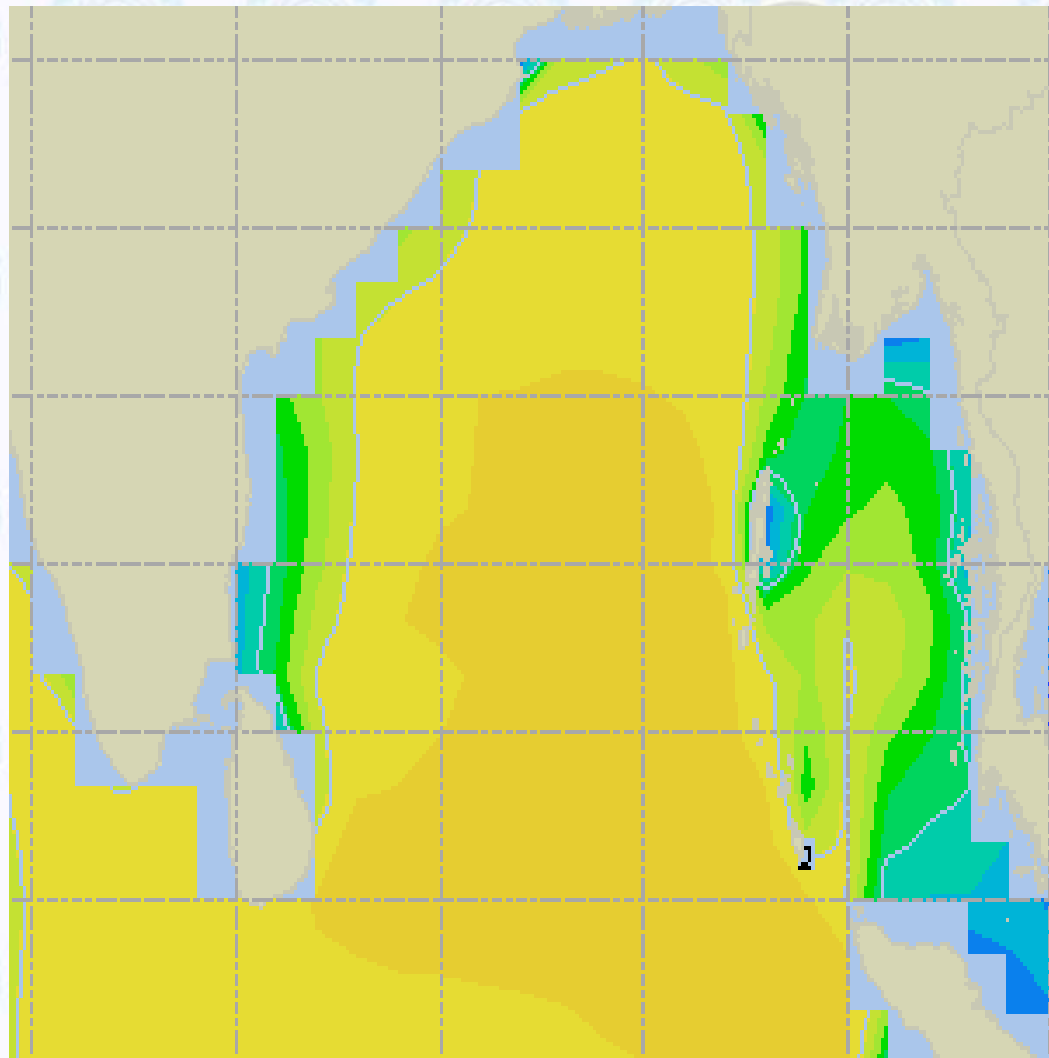
**10 Knots**



**60 Knots**



# Sea State Forecast – 13 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



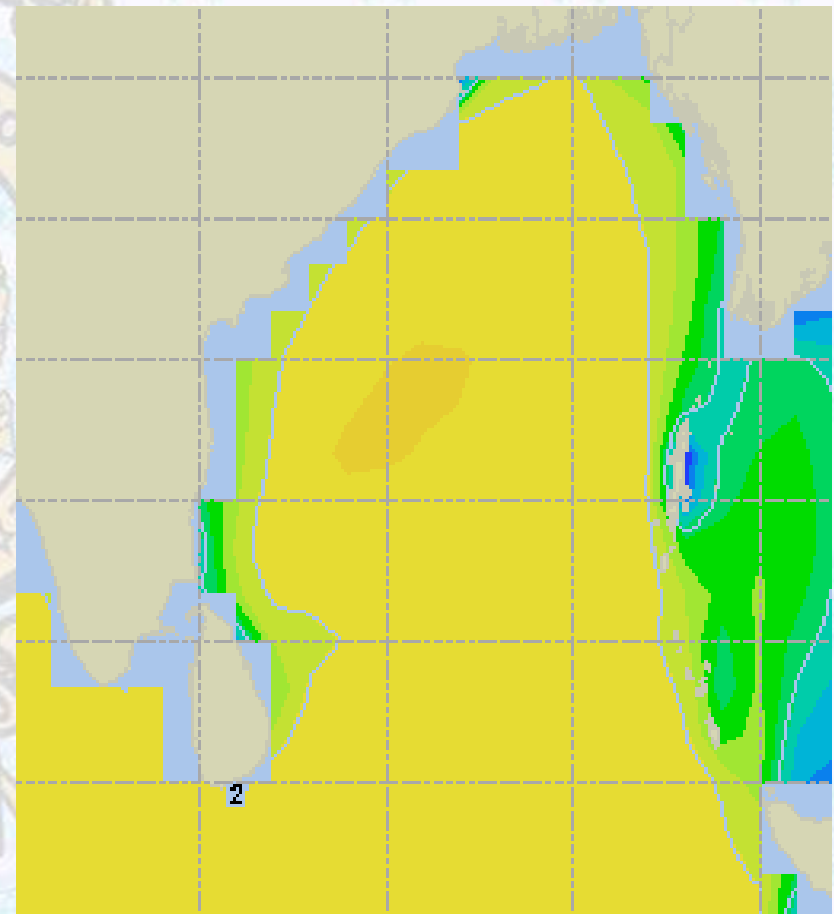
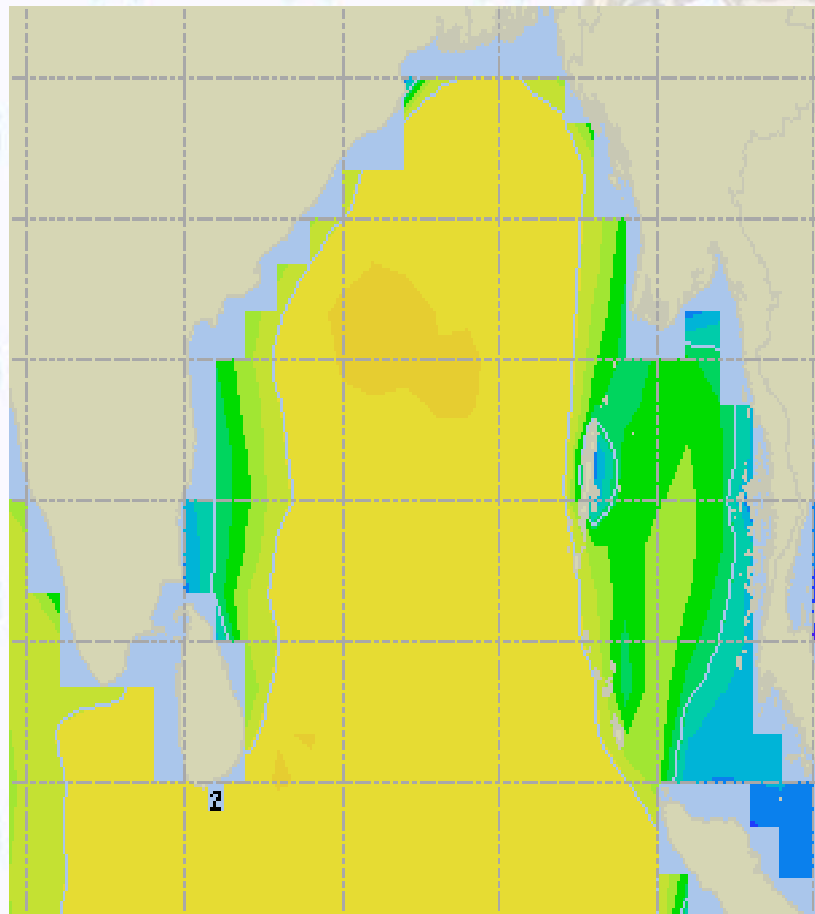




# Sea State Forecast – 14 & 15 Sep - 2020

14 Sep 20 Monday

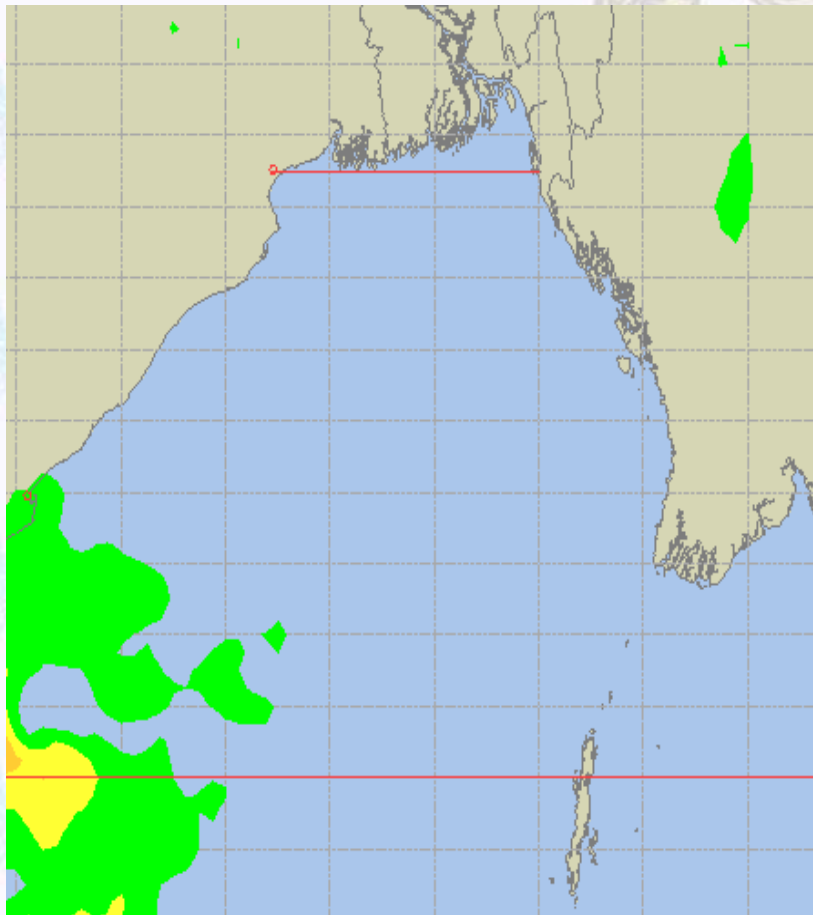
15 Sep 20 Tuesday



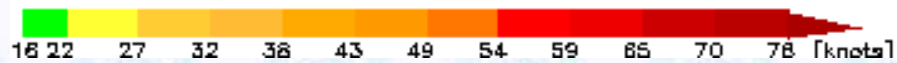
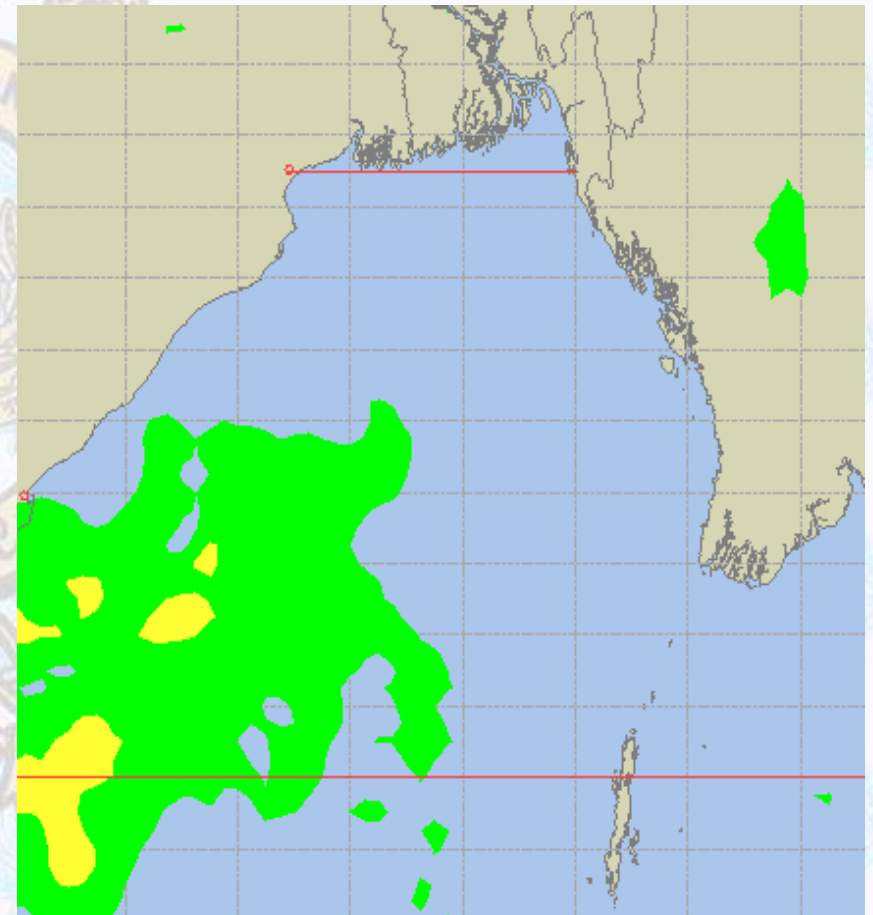


# Peak Gusting Possibilities— 13 & 14 Sep 2020

13 Sep 20 Sunday



14 Sep 20 Monday

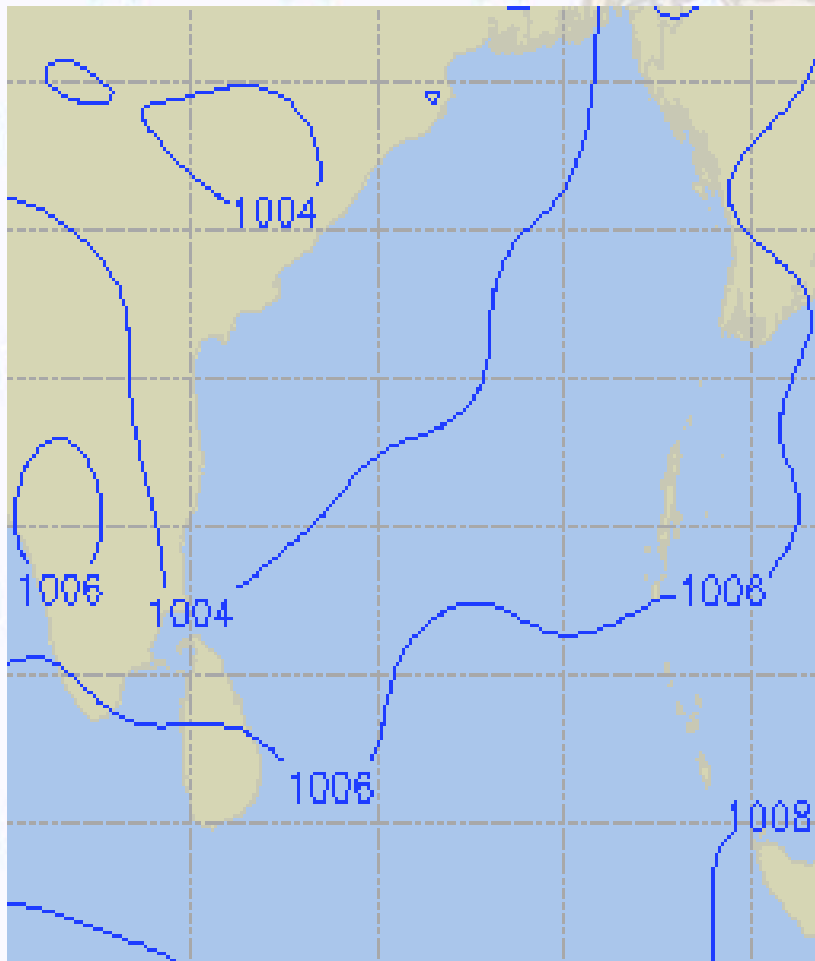




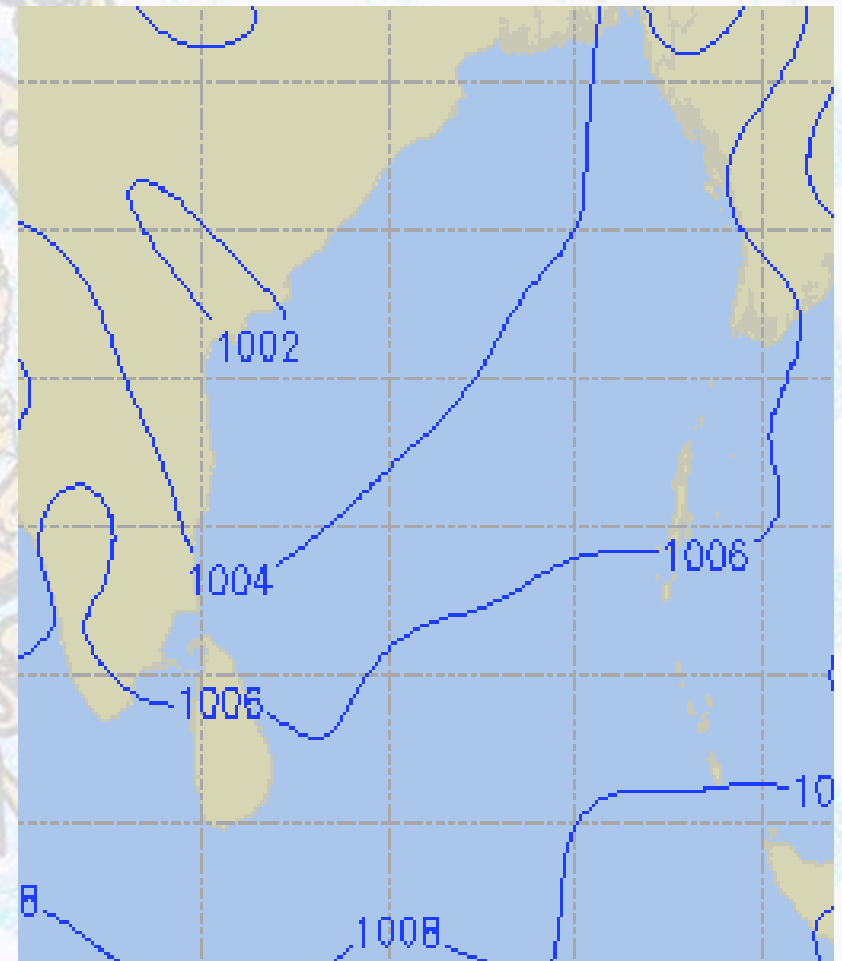


# Surface Pressure forecast– 13 & 14 Sep 2020

13 Sep 20 Sunday



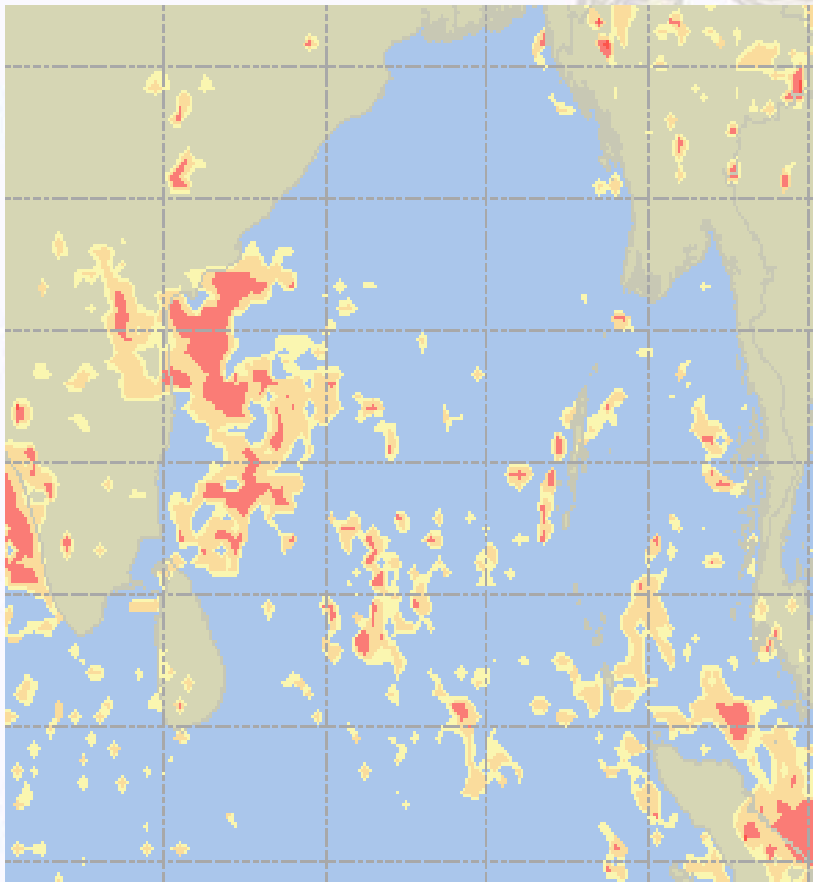
14 Sep 20 Monday



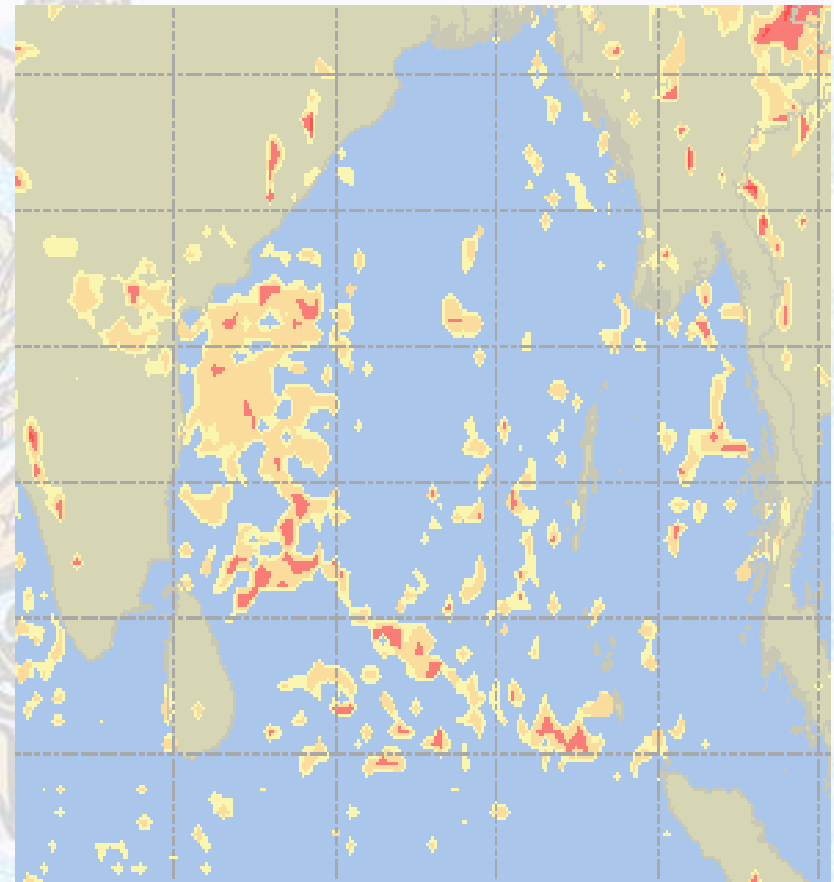


# Visibility at Sea Forecast – 13 & 14 Sep 2020

13 Sep 20 Sunday



14 Sep 20 Monday



**Visibility Scale:**



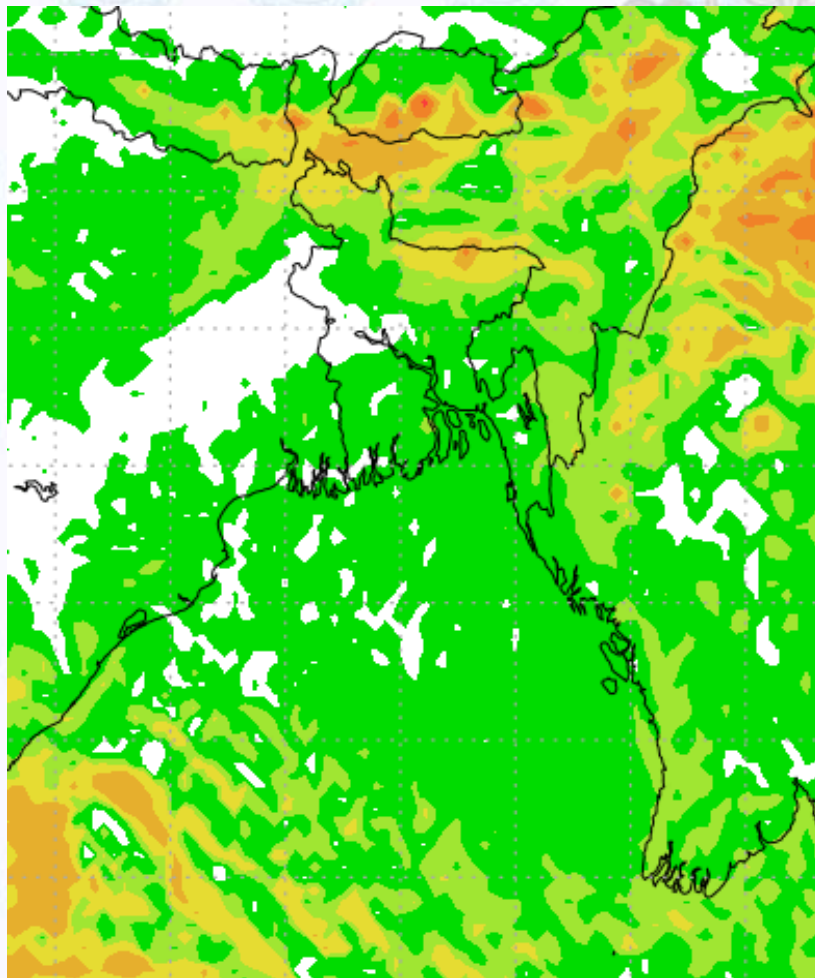
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



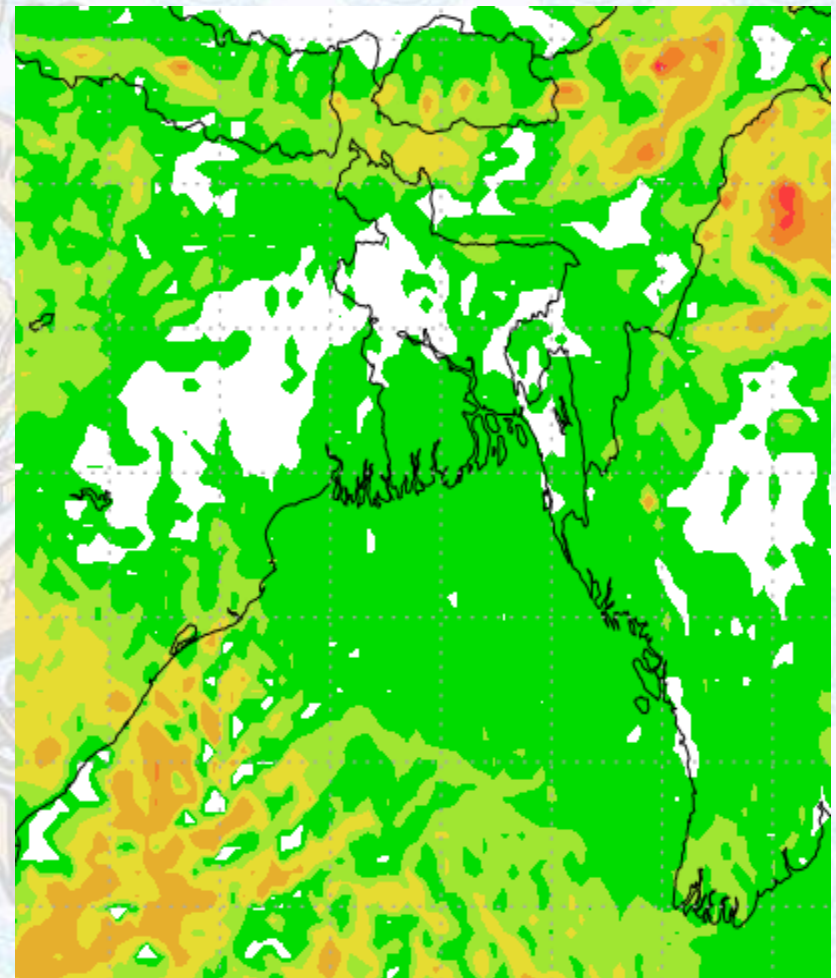


# Precipitation

Rain(mm) 13 & 14 Sep 2020



Rain(mm) 14 & 15 Sep 2020



**Precipitation Scale (mm):**





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

<b>13 Sep 2020</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0259	1.71		0048	1.52		0011	1.58
	0918	4.32		0709	2.88		0646	2.76
	1608	1.54		1349	1.41		1336	1.59
	2209	4.08		1942	2.75		1932	2.57
<b>14 Sep 2020</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0421	1.51		0207	1.38		0135	1.42
	1026	4.61		0810	3.16		0800	2.96
	1715	1.26		1449	1.24		1439	1.34
	2309	4.46		2036	3.05		2038	2.82
<b>15 Sep 2020</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</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