



# WEATHER FORECAST FOR BN

**08 SEP-11 SEP 2020**





# WEATHER FORECAST – DHAKA

## 08.09.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	32 / 26	32 / 26	30 / 26	29 / 26
Wind	6 km/h WSW	7 km/h SW	6 km/h SSW	5 km/h SSW
Humidity	67%	69%	79%	83%
Chance of Precip	17%	18%	51%	38%
Cloud Cover	77%	76%	80%	87%
Conditions	Mostly Cloudy	Mostly Cloudy	Mostly Cloudy	Mostly Cloudy
Sunrise Sunset	5: 44 AM 18: 11 PM			

### Conditions

Pressure : 1006 hpa

Visibility : 4.02 km

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



# WEATHER FORECAST – CHATTOGRAM

## 08.09.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	32 / 26	31 / 26	29 / 27	29 / 27
Wind	7 km/h WSW	10 km/h WSW	6 km/h SW	4 km/h SSW
Humidity	70%	78%	84%	87%
Chance of Precip.	8%	7%	14%	37%
Cloud Cover	72%	67%	73%	75%
Conditions	Mostly Cloudy	Mostly Cloudy	Mostly Cloudy	Mostly Cloudy/ Light Rain
Sunrise Sunset	5: 38 AM 18: 04 PM			

### Conditions

Pressure : 1007 hpa

Visibility : 11.27 Km

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



# WEATHER FORECAST – KHULNA

## 08.09.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	32 / 28	32 / 28	30 / 27	29 / 28
Wind	11 km/h SSW	11 km/h SSW	7 km/h SSW	5 km/h SSW
Humidity	77%	80%	89%	92%
Chance of Precip.	24%	19%	20%	24%
Cloud Cover	77%	76%	65%	73%
Conditions	Mostly Cloudy	Mostly Cloudy	Mostly Cloudy	Mostly Cloudy
Sunrise Sunset	5: 48 AM 18: 14 PM			

### Conditions

Pressure : 1006 hpa

Visibility : 14.48 Km

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



# GENERAL WEATHER FORECAST – DHAKA

Description	09 Sep 2020	10 Sep 2020	11 Sep 2020
<b>Temperature (C)</b>	32 °C/ 27 °C	32 °C/ 27 °C	33 °C/ 27 °C
<b>Summary</b>	Partly Cloudy	Partly Cloudy	Partly Cloudy
<b>Sun Rise/Set</b>	5h42m06s/18h09m54s	5h42m36s/18h09m00s	5h43m00s/18h08m00s
<b>Day Length</b>	12h27m48s	12h26m24s	12h25m00s
<b>Moon Rise/ Set</b>	10:37PM 11:28 AM	11:22PM 12:22 PM	-
<b>Moon Phase/ illu</b>	Waning Gibbous, 58%	Last Quarter, 48%	Waning Crescent 97%
<b>NauticalTwilight</b>	04:53,19:00	04:53,18:56	04:54,18:55
<b>Civil Twilight</b>	05:21,18:32	05:20,18:29	05:20,18:28
<b>Humidity</b>	D : 76% N : 83%	D : 77% N : 84%	D : 73% N : 83%
<b>Barometer (mb)</b>	1006	1004	1003
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	90%	90%	80%
<b>Wind (mph)</b>	10 Km/h SSW	10 Km/h SSW	12 Km/h S

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



# GENERAL WEATHER FORECAST– CHATTOGRAM

Description	09 Sep 2020	10 Sep 2020	11 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>	5h37m48s/18h01m36s	5h38m12s/18h00m36s	5h38m24s/17h59m30s
<b>Day Length</b>	12h23m48s	12h22m24s	12h21m06s
<b>Moon Rise/ Set</b>	10:34PM 11:19AM	11:19PM 12:13PM	-
<b>Moon Phase/ illu</b>	Waning Gibbous, 58%	Last Quarter, 48%	Waning Crescent 97%
<b>NauticalTwilight</b>	04:50, 18:51	04:49, 18:49	04:49, 18:48
<b>Civil Twilight</b>	05:16, 18:26	05:15, 18:23	05:15, 18:22
<b>Humidity</b>	D : 81% N : 91%	D : 83% N : 91%	D : 81% N : 92%
<b>Barometer (mb)</b>	1007	1006	1005
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	50%	80%	60%
<b>Wind (mph)</b>	10 Km/h SSW	11 Km/h S	11 Km/h S

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



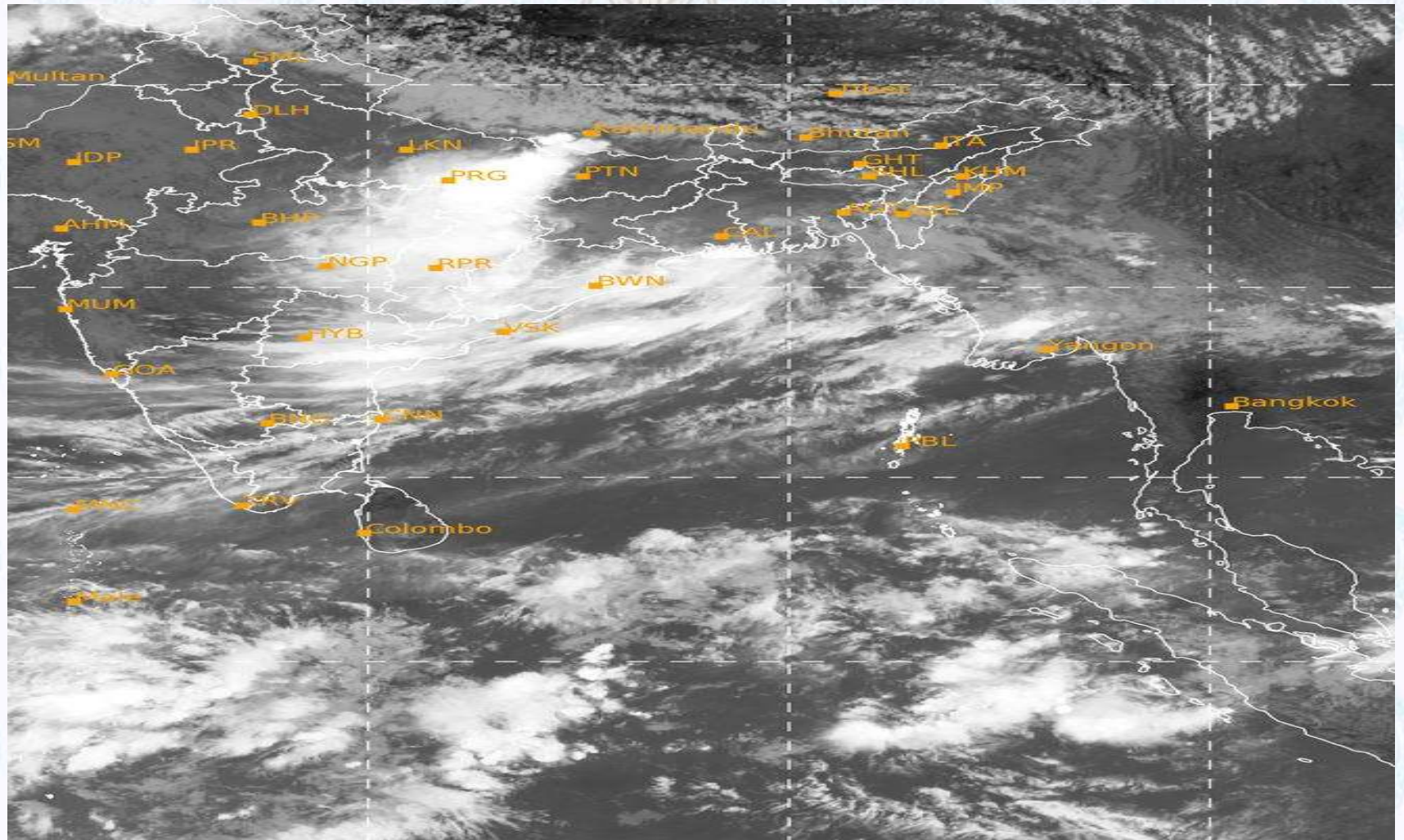
# GENERAL WEATHER FORECAST – KHULNA

Description	09 Sep 2020	10 Sep 2020	11 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>	5h46m00s/18h12m48s	5h46m24s/18h11m54s	5h46m48s/18h11m00s
<b>Day Length</b>	12h26m48s	12h25m30s	12h24m12s
<b>Moon Rise/Set</b>	10:43PM 11:30 AM	11:29PM 12:23 PM	-
<b>Moon Phase/illu</b>	Waning Gibbous, 58%	Last Quarter, 48%	Waning Crescent 97%
<b>Nautical Twilight</b>	04:59, 19:02	04:58, 18:58	04:58, 18:57
<b>Civil Twilight</b>	05:23, 18:34	05:24, 18:32	05:24, 18:31
<b>Humidity</b>	D : 80% N : 88%	D : 82% N : 88%	D : 78% N : 87%
<b>Barometer (mb)</b>	1006	1004	1003
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	80%	90%	80%
<b>Wind (mph)</b>	10 km/h SSW	11 km/h SSW	12 km/h SSW

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



# SATELLITE VIEW OF BAY OF BENGAL



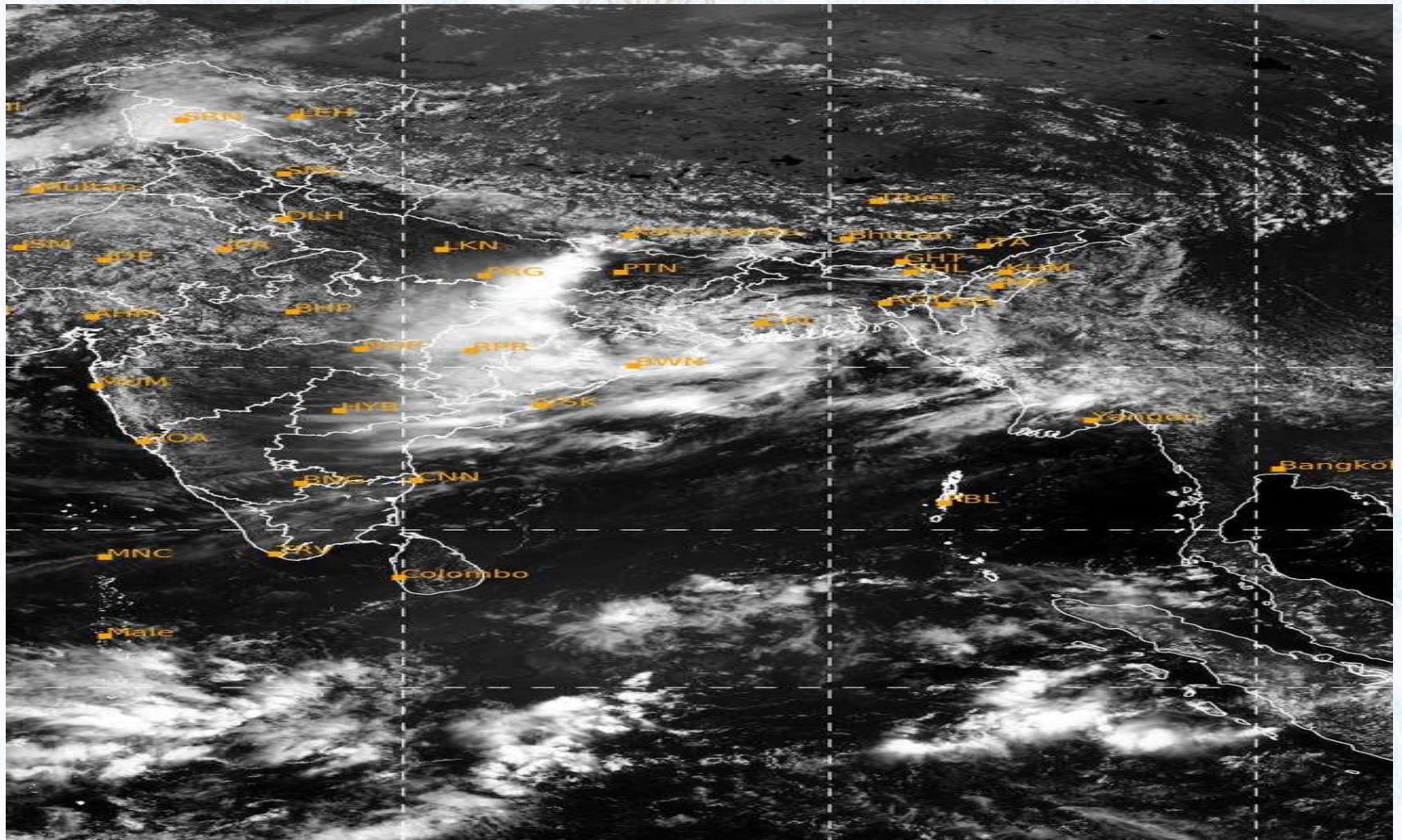
08/09/2020, 11:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



08/09/2020, 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 08.09.2020)

<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	TEMPORRY RAIN/THUNDER SHOWERS OVER AREA C-90.
	Wind	<b>SOUTH-WEST/SOUTHERLY</b> 08-12 KTS, TEMPORARY GUSTING TO 22 KTS.
	Visibility	03-05 KMS, REDUCING TO 1500 M OR LESS IN RAIN/SHOWERS.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 08,0000 UTC. CHATTOGRAM =1005 HPA



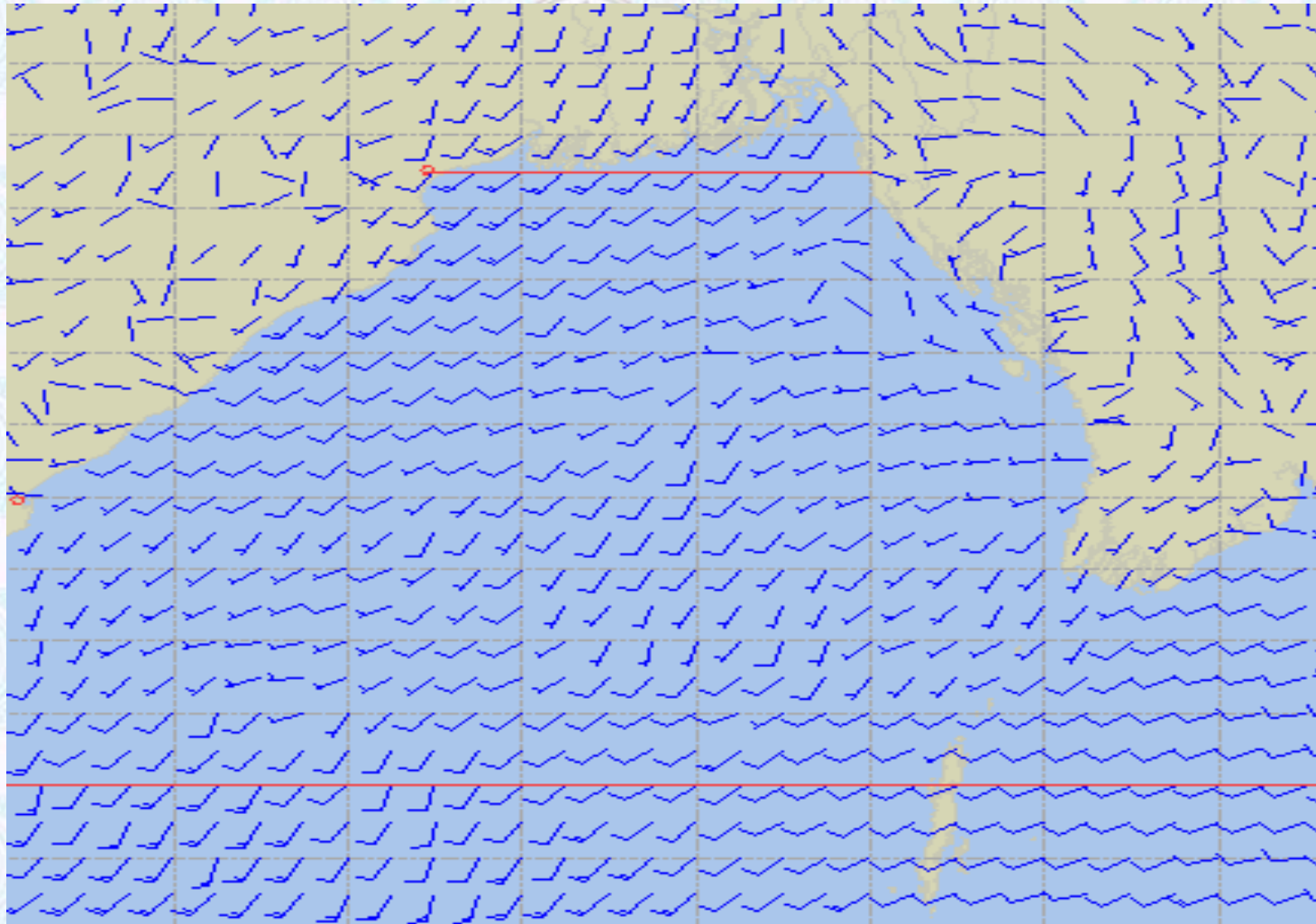
## **Inland River Port Warning** **(VALID TILL 06 PM OF 08.09.2020)**

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 TANGAIL, MYMENSINGH, SYLHET AND CUMILLA WHEREIN RIVERPORTS SHALL HOIST CAUTIONARY SIGNAL NO. ONE (R) ONE.

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



# Surface Wind Forecast- 09 Sep- 2020



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



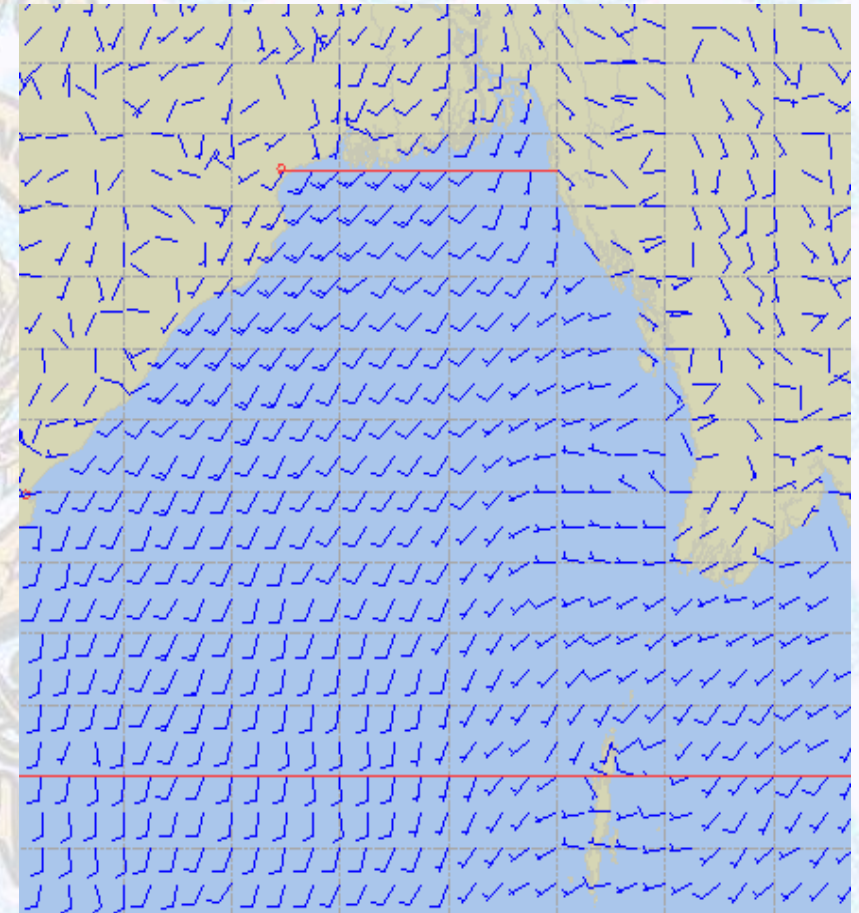
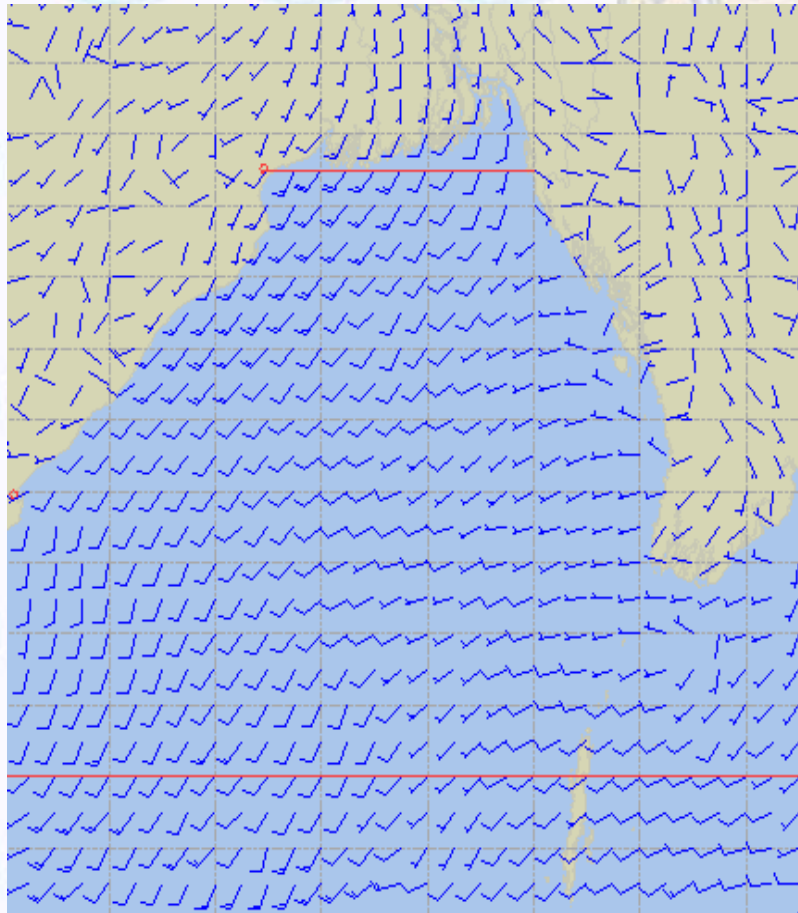
**60 Knots**



# Surface Wind Forecast – 10 & 11 Sep - 2020

10 Sep 20 Thursday

11 Sep 20 Friday



**Legend:**



**Calm  
Winds**



**5 Knots**



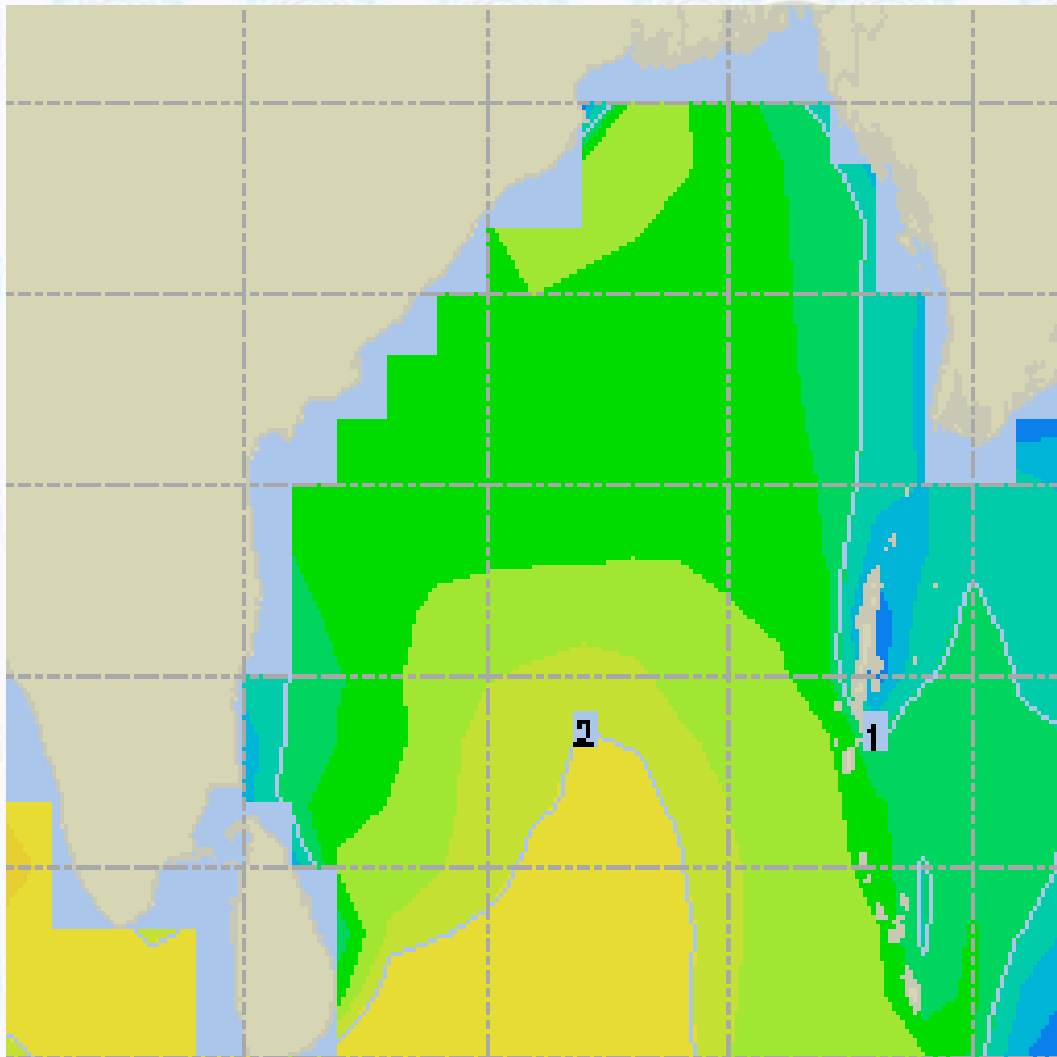
**10 Knots**



**60 Knots**



# Sea State Forecast – 09 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

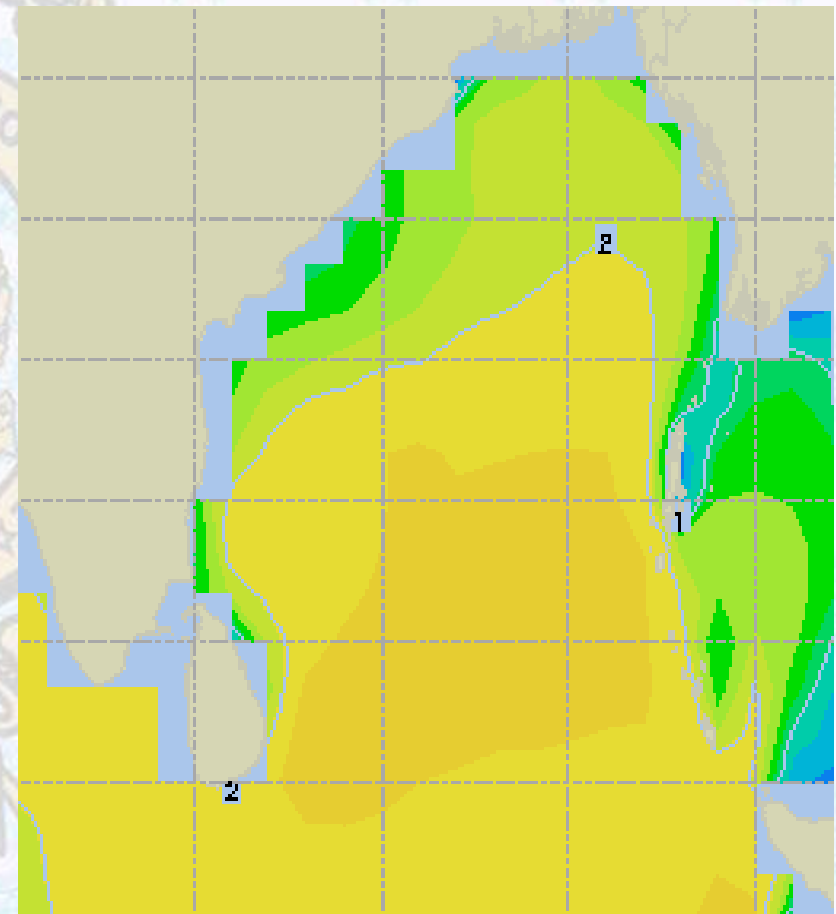
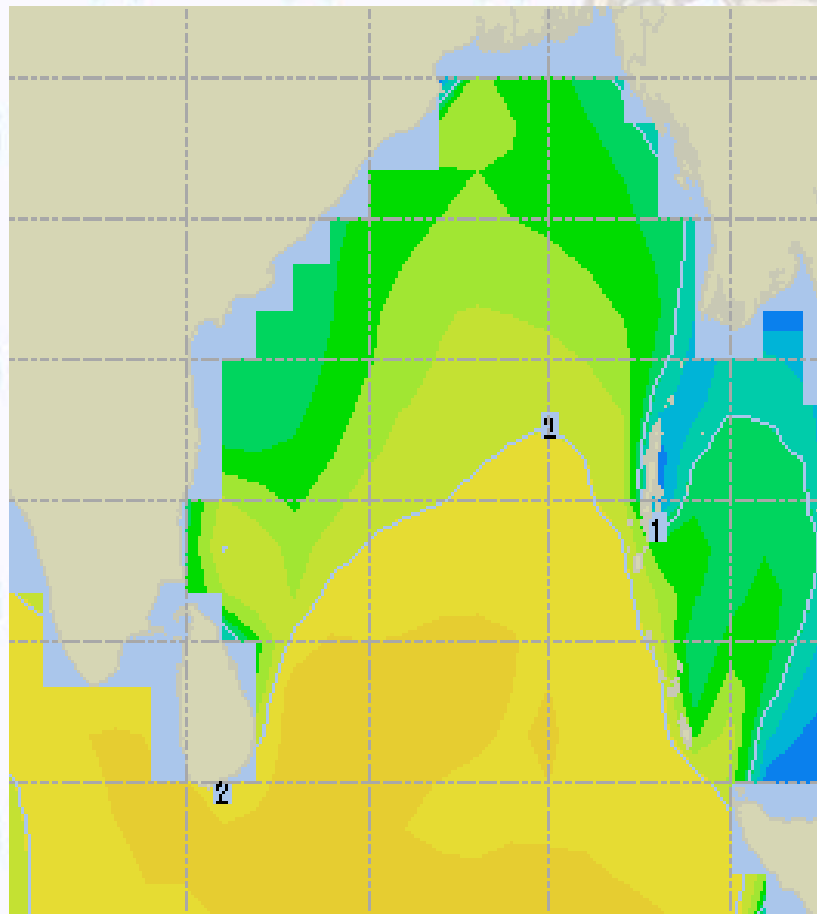




# Sea State Forecast – 10 & 11 Sep - 2020

10 Sep 20 Thursday

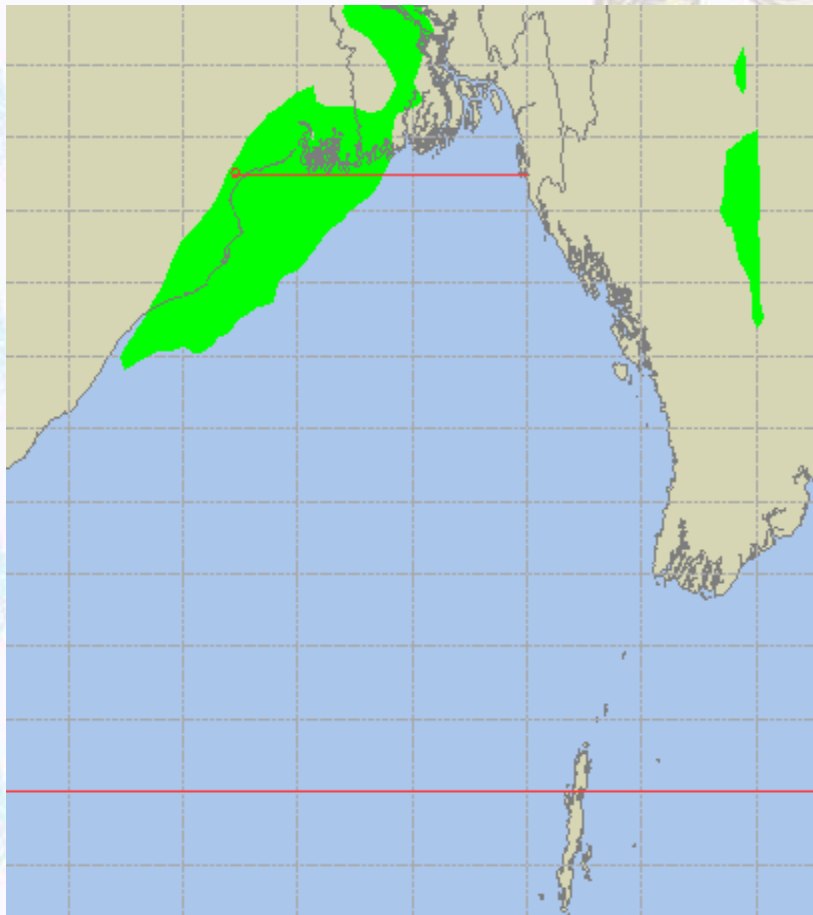
11 Sep 20 Friday



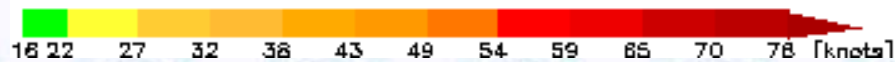
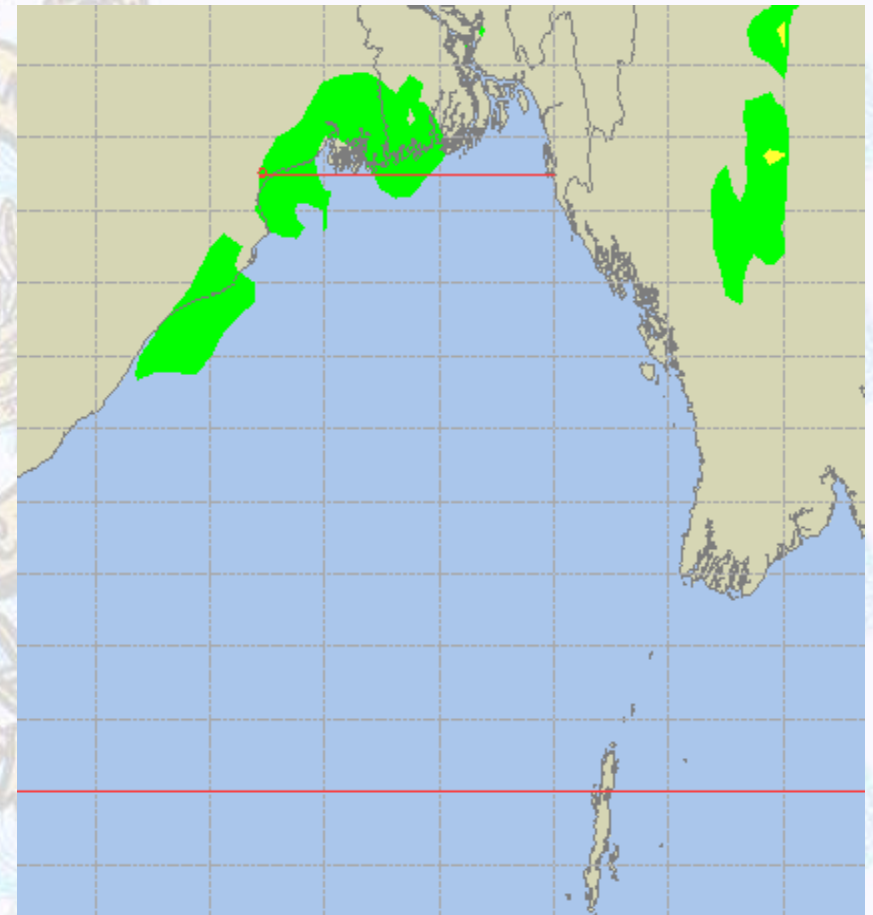


# Peak Gusting Possibilities– 09 & 10 Sep 2020

09 Sep 20 Wednesday



10 Sep 20 Thursday

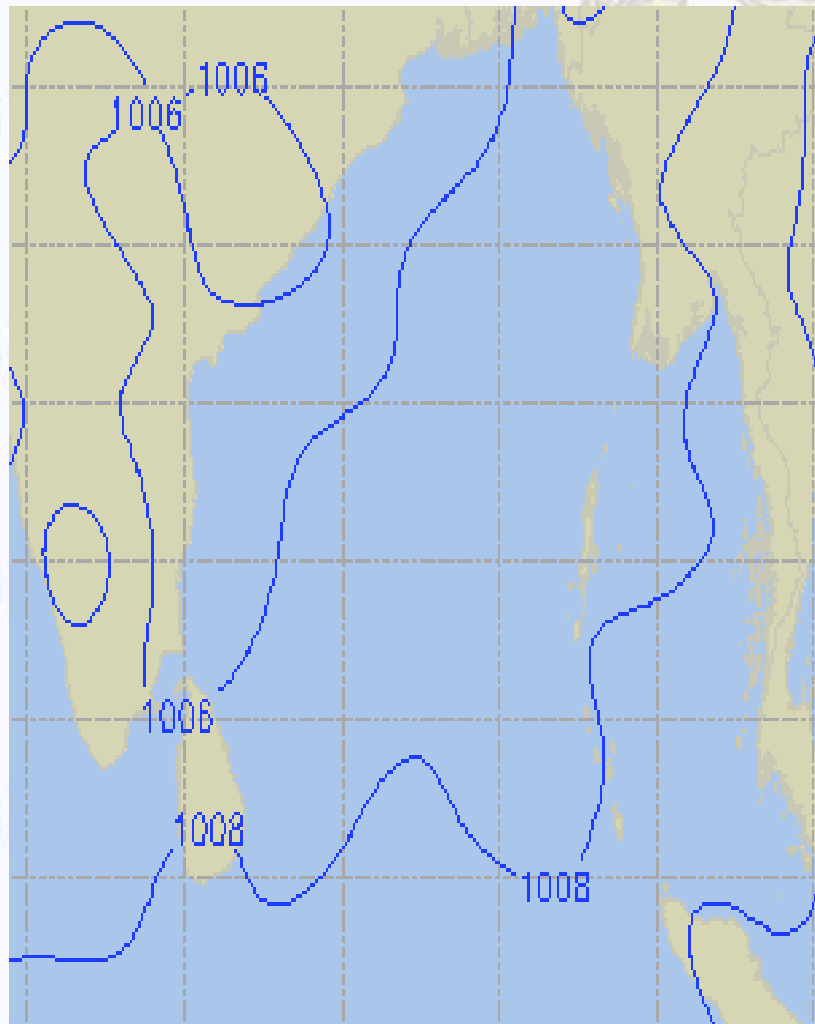




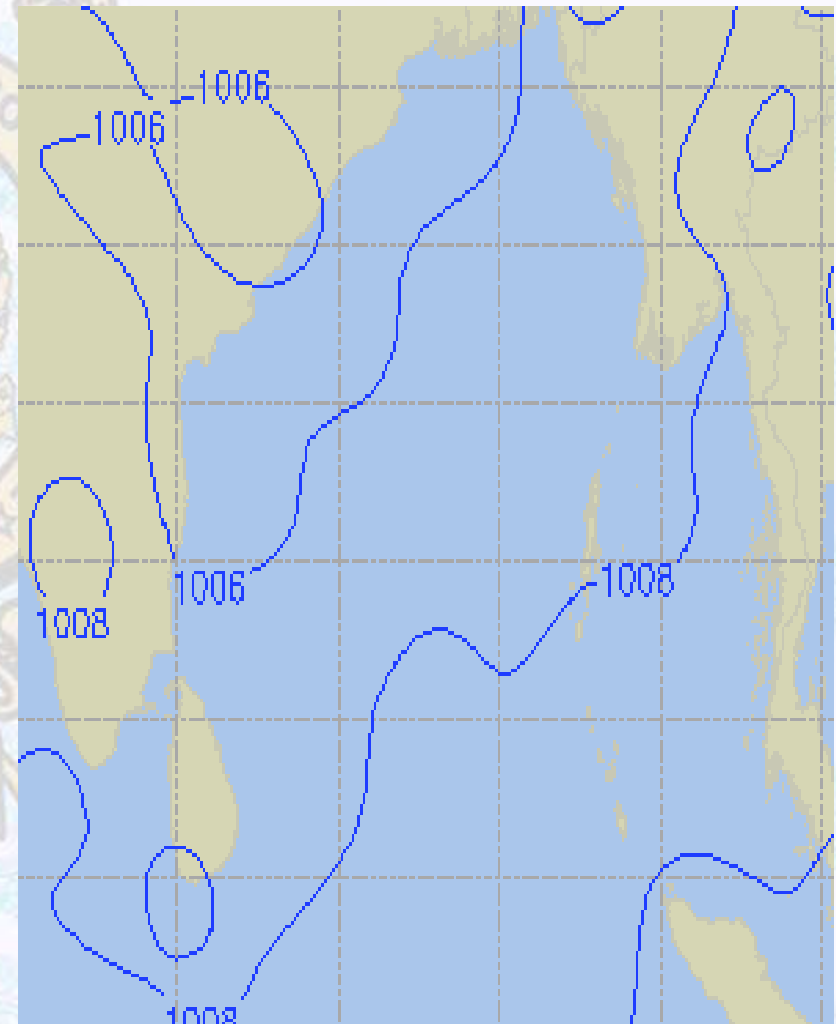


# Surface Pressure forecast– 09 & 10 Sep 2020

09 Sep 20 Wednesday



10 Sep 20 Thursday

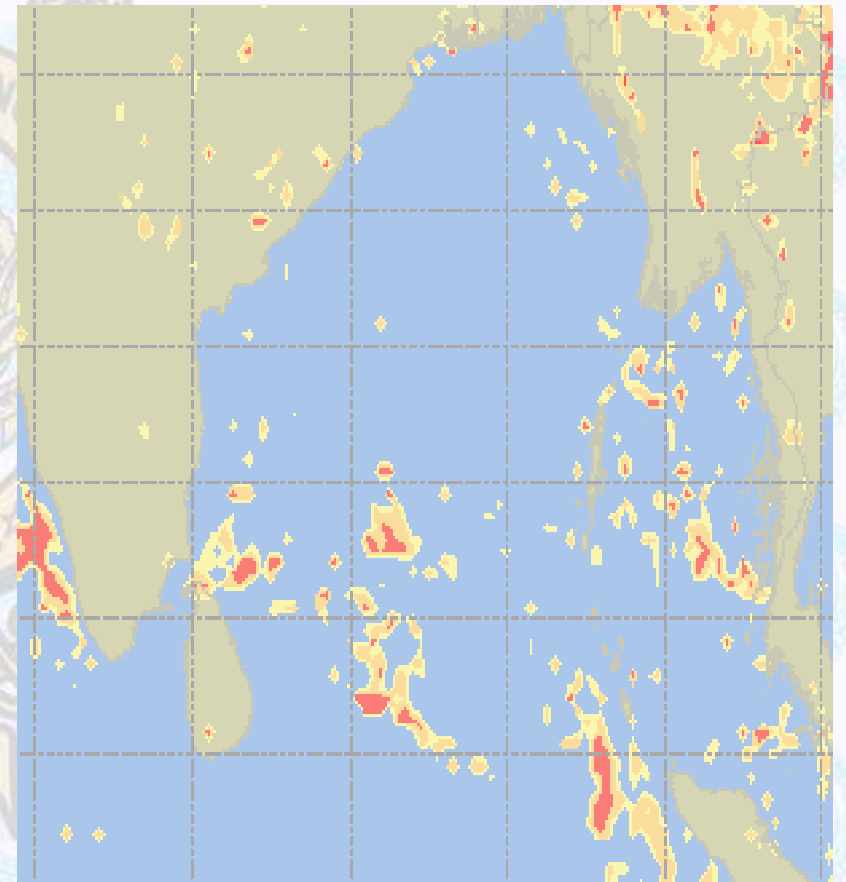
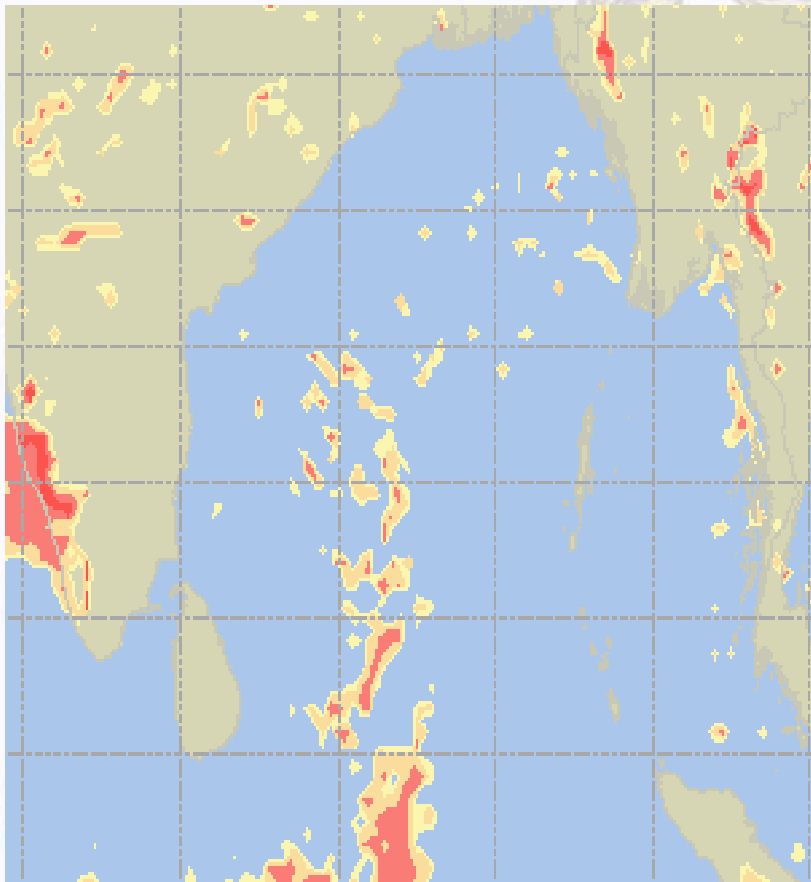




# Visibility at Sea Forecast – 09 & 10 Sep 2020

09 Sep 20 Wednesday

10 Sep 20 Thursday



**Visibility Scale:**

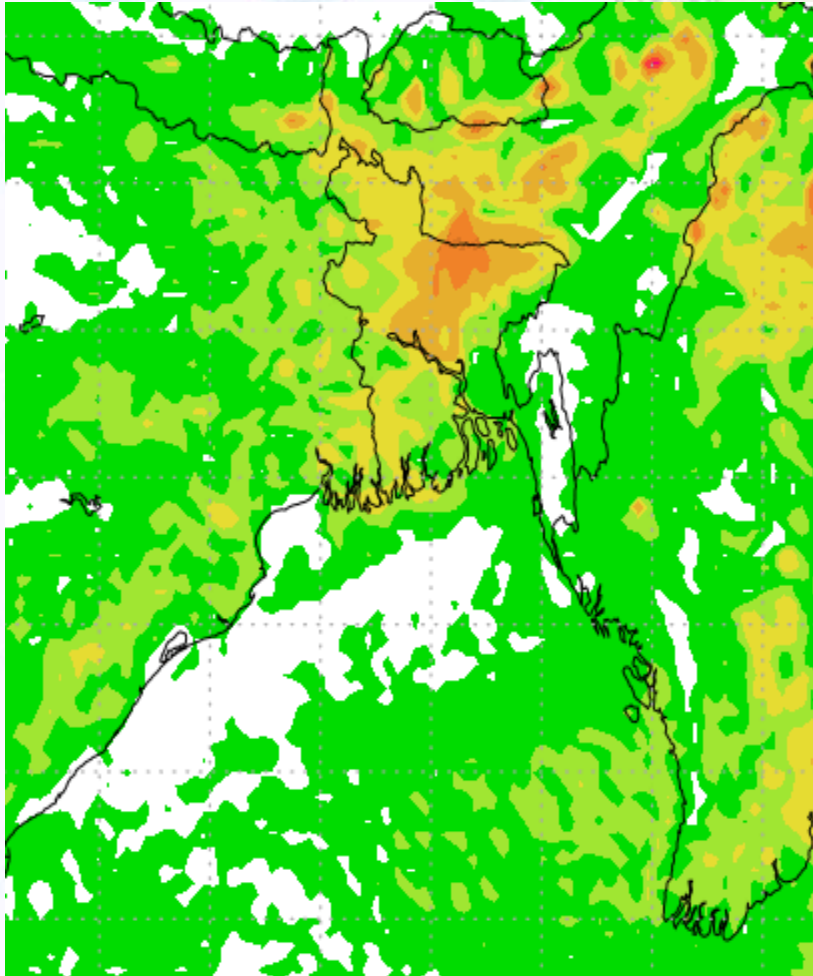


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

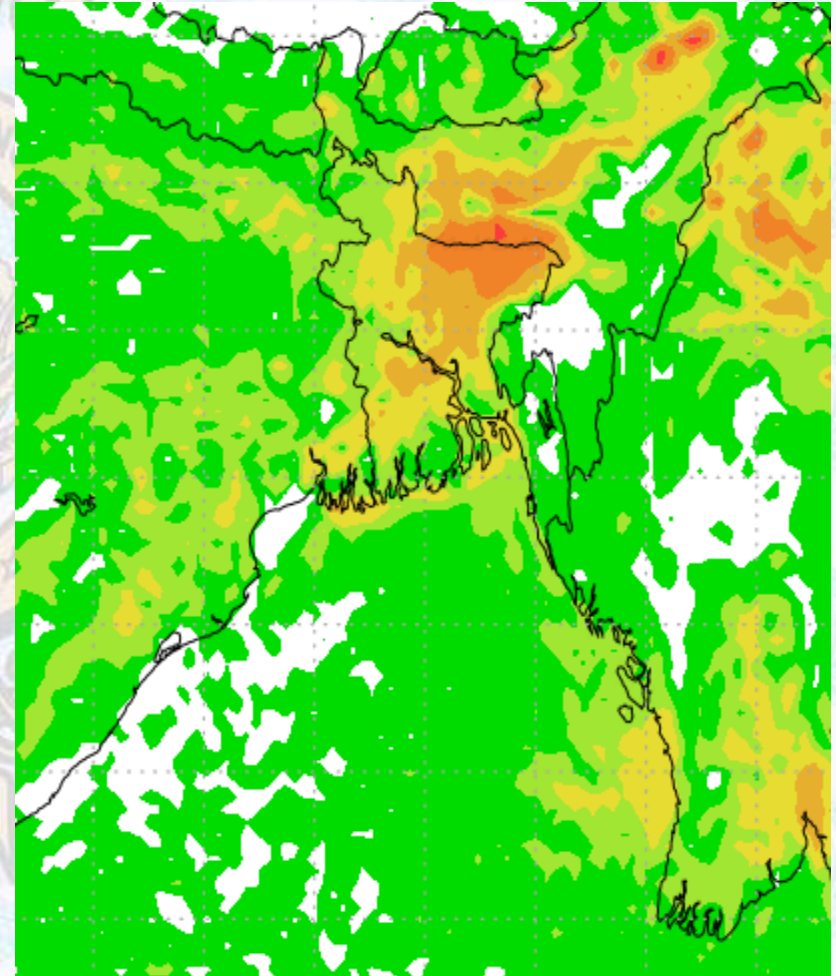


# Precipitation

Rain(mm) 09 & 10 Sep 2020



Rain(mm) 10 & 11 Sep 2020



Precipitation Scale (mm):





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

	Time	Height		Time	Height		Time	Height
09 Sep 2020	0441	4.72		0228	2.97		0158	2.98
	1104	1.16		0855	1.28		0812	1.41
	1704	4.38		1447	2.82		1408	2.77
	2318	1.17		2107	1.35		2020	1.30
10 Sep 2020	Time	Height		Time	Height		Time	Height
	0531	4.46		0315	2.82		0243	2.84
	1155	1.43		0943	1.40		0859	1.59
	1802	4.02		1539	2.63		1456	2.60
	-	-		2159	1.47		2109	1.47
11 Sep 2020	Time	Height		Time	Height		Time	Height
	0013	1.48		0418	2.71		0345	2.72
	0638	4.23		1050	1.51		1011	1.73
	1305	1.66		1649	2.51		1607	2.45
	1917	3.79		2315	1.55		2232	1.60