



# WEATHER FORECAST FOR BN

**06 SEP- 09 SEP 2020**





# WEATHER FORECAST – DHAKA

## 06.09.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	33 / 26	33 / 25	30 / 26	30 / 26
Wind	15 km/h WSW	13 km/h SW	8 km/h SSW	9 km/h SSW
Humidity	65%	66%	77%	79%
Chance of Precip	17%	3%	24%	23%
Cloud Cover	68%	44%	77%	82%
Conditions	Mostly Cloudy	Mostly Cloudy	Mostly Cloudy	Mostly Cloudy
Sunrise Sunset	5: 41 AM 18: 10 PM			

### Conditions

Pressure : 1004 hpa

Visibility : 4.02 km

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



# WEATHER FORECAST – CHATTOGRAM

## 06.09.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	32 / 27	31 / 26	29 / 26	29 / 26
Wind	14 km/h SW	14 km/h SW	7 km/h SW	6 km/h SSW
Humidity	72%	75%	84%	85%
Chance of Precip.	7%	7%	9%	18%
Cloud Cover	75%	71%	66%	81%
Conditions	Mostly Cloudy	Mostly Cloudy	Mostly Cloudy	Mostly Cloudy
Sunrise Sunset	5: 36 AM 18: 04 PM			

### Conditions

Pressure : 1006 hpa

Visibility : 9.66 Km

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



# WEATHER FORECAST – KHULNA

## 06.09.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	32 / 28	32 / 28	30 / 27	29 / 27
Wind	16 km/h SSW	15 km/h SSW	10 km/h SSW	8 km/h SSW
Humidity	77%	77%	86%	89%
Chance of Precip.	17%	12%	5%	13%
Cloud Cover	74%	69%	38%	63%
Conditions	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sunrise Sunset	5: 45 AM 18: 13 PM			

### Conditions

Pressure : 1005 hpa

Visibility : 14.48 Km

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



# GENERAL WEATHER FORECAST – DHAKA

Description	07 Sep 2020	08 Sep 2020	09 Sep 2020
<b>Temperature (C)</b>	33 °C/ 28 °C	32 °C/ 27 °C	32 °C/ 27 °C
<b>Summary</b>	Partly Cloudy	Partly Cloudy	Partly Cloudy
<b>Sun Rise/Set</b>	5h42m06s/18h09m54s	5h41m42s/18h10m48s	5h42m06s/18h09m54s
<b>Day Length</b>	12h29m48s	12h29m06s	12h27m48s
<b>Moon Rise/ Set</b>	9:21PM 9:44AM	9:57PM 10:35 AM	10:37PM 11:28 AM
<b>Moon Phase/ illu</b>	Waning Gibbous, 77%	Waning Gibbous, 68%	Waning Gibbous, 58%
<b>NauticalTwilight</b>	04:52,19:01	04:51,19:00	04:53,19:00
<b>Civil Twilight</b>	05:20,18:33	05:20,18:33	05:21,18:32
<b>Humidity</b>	D : 72% N : 82%	D : 75% N : 84%	D : 74% N : 83%
<b>Barometer (mb)</b>	1006	1006	1007
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	80%	80%	60%
<b>Wind (mph)</b>	11 Km/h SW	8 Km/h SW	9 Km/h SW

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



# GENERAL WEATHER FORECAST– CHATTOGRAM

Description	07 Sep 2020	08 Sep 2020	09 Sep 2020
<b>Temperature (C)</b>	31 °C/ 26 °C	31 °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>	5h37m06s/18h03m24s	5h37m30s/18h02m36s	5h37m48s/18h01m36s
<b>Day Length</b>	12h26m18s	12h25m06s	12h23m48s
<b>Moon Rise/ Set</b>	9:17PM 9:37AM	9:54PM 9:10:27AM	10:34PM 11:19AM
<b>Moon Phase/ illu</b>	Waning Gibbous, 77%	Waning Gibbous, 68%	Waning Gibbous, 58%
<b>NauticalTwilight</b>	04:49, 18:54	04:49, 18:54	04:50, 18:51
<b>Civil Twilight</b>	05:15, 18:27	05:16, 18:27	05:16, 18:26
<b>Humidity</b>	D : 79% N : 90%	D : 80% N : 90%	D : 83% N : 90%
<b>Barometer (mb)</b>	1007	1007	1008
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	20%	40%	80%
<b>Wind (mph)</b>	10 Km/h SSW	10 Km/h SSW	8 Km/h SSW

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



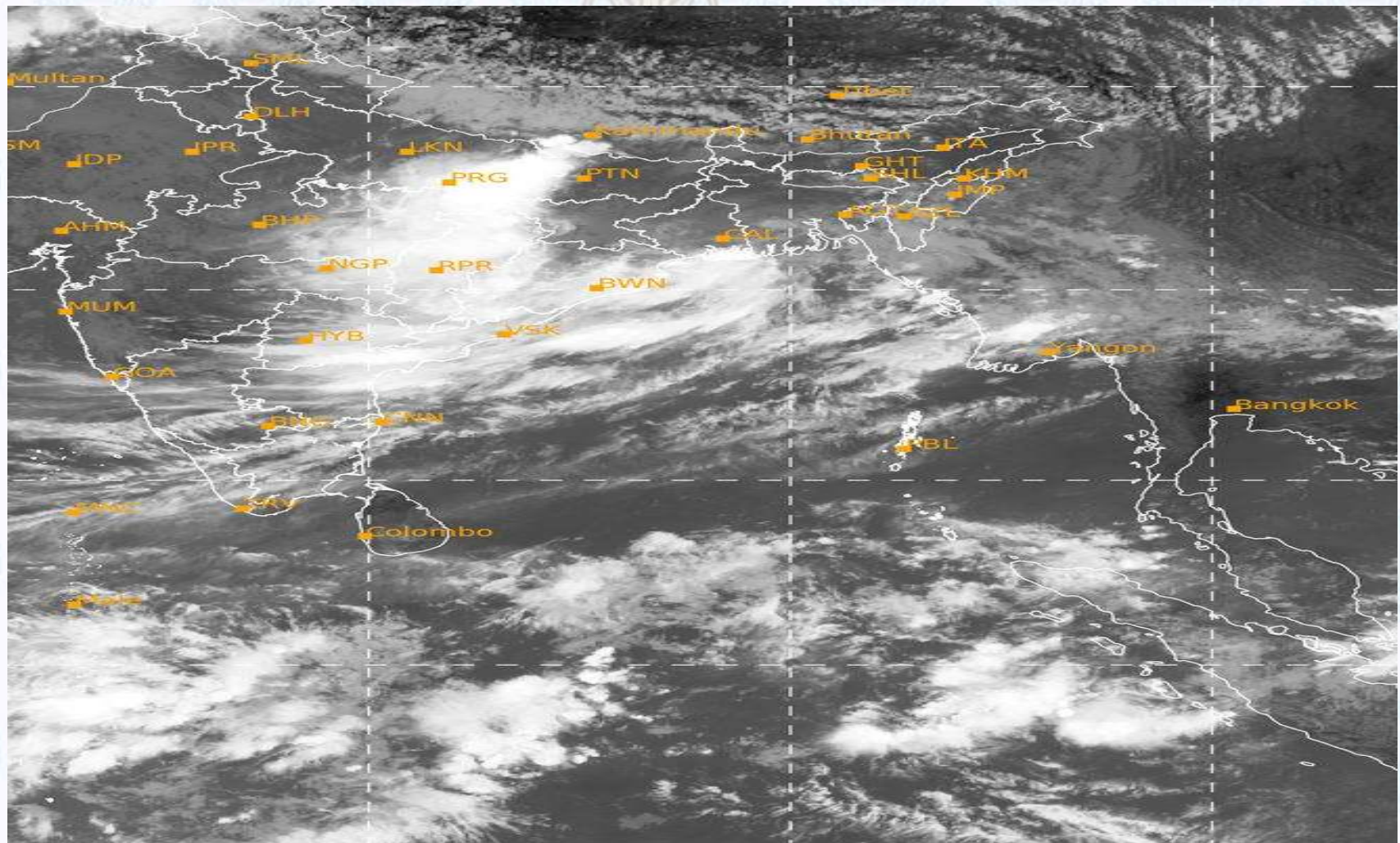
# GENERAL WEATHER FORECAST – KHULNA

Description	07 Sep 2020	08 Sep 2020	09 Sep 2020
<b>Temperature(C)</b>	32°C/ 27°C	32°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	5h46m00s/18h12m48s
<b>Day Length</b>	12h28m04s	12h28m36s	12h26m48s
<b>Moon Rise/Set</b>	9:27PM 9:47AM	10:03PM 10:37 AM	10:43PM 11:30 AM
<b>Moon Phase/illu</b>	Waning Gibbous, 77%	Waning Gibbous, 68%	Waning Gibbous, 58%
<b>Nautical Twilight</b>	04:58, 19:03	04:58, 19:03	04:59, 19:02
<b>Civil Twilight</b>	05:24, 18:35	05:23, 18:35	05:23, 18:34
<b>Humidity</b>	D : 78%    N : 85%	D : 81%    N : 87%	D : 80%    N : 86%
<b>Barometer (mb)</b>	1006	1006	1007
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	80%	90%	80%
<b>Wind (mph)</b>	12 km/h SW	11 km/h SSW	10 km/h SSW

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



# SATELLITE VIEW OF BAY OF BENGAL



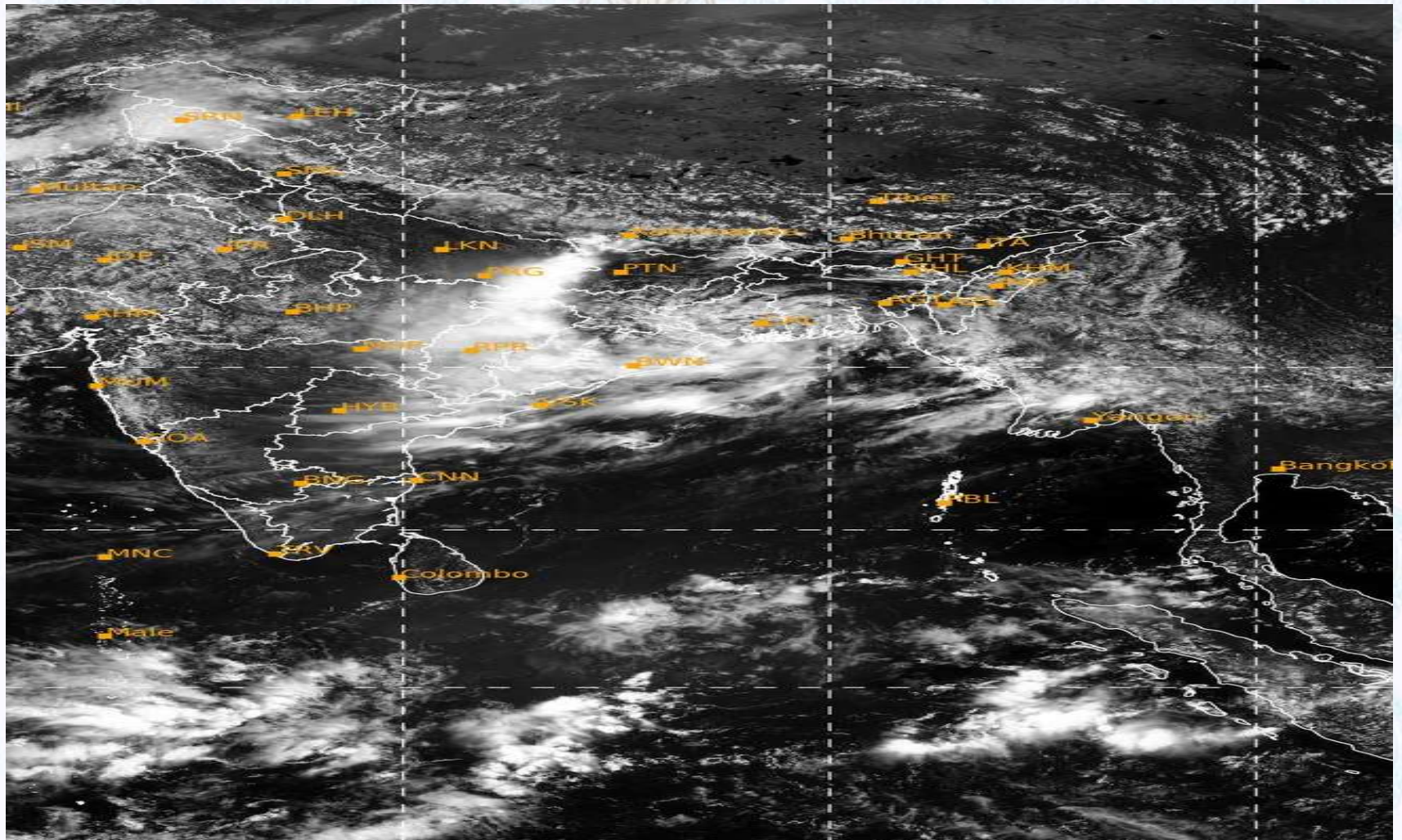
06/09/2020, 11:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



06/09/2020, 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 06.09.2020)

<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 PARTLY CLOUDY OVER AREA C-90.
	Wind	WEST/SOUTH-WESTERLY, 10-15 KTS.
	Visibility	03-05 KMS, REDUCING TO 1500 M OR LESS IN RAIN/SHOWERS.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 06,0000 UTC. CHATTOGRAM =1006 HPA



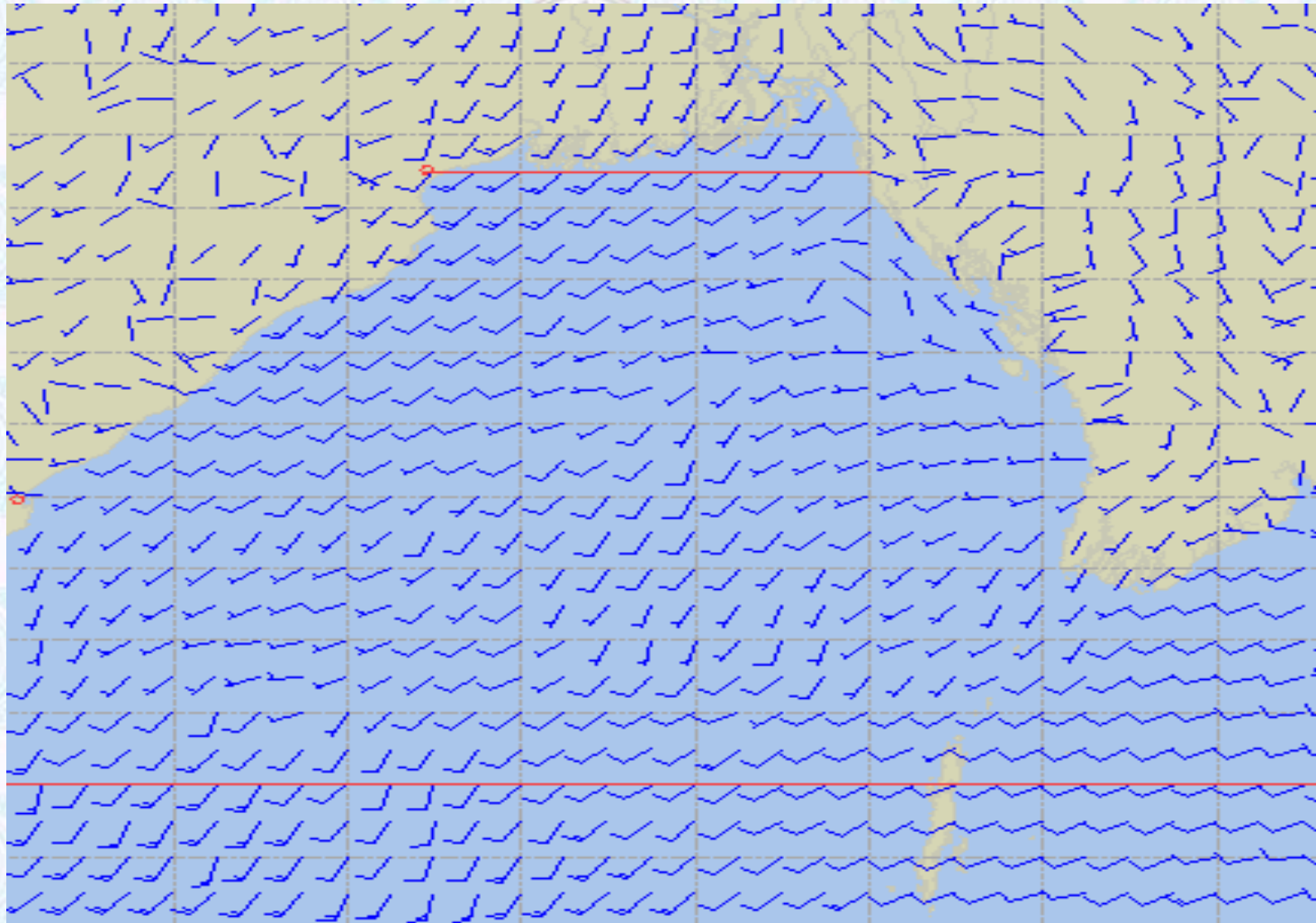
## **Inland River Port Warning** **(VALID TILL 06 PM OF 06.09.2020)**

RAIN/THUNDER SHOWERS ACCOMPANIED BY TEMPORARY SOUTH/SOUTH- EASTERLY GUSTY/SQUALLY WIND SPEED 45-60KPH IS LIKELY TO OCCUR OVER THE REGIONS OF DINAJPUR, RANGPUR, RAJSHAHI, BOGURA, TANGAIL, MYMENSINGH AND SYLHET WHEREIN RIVERPORTS SHALL HOIST CAUTIONARY SIGNAL NO ONE (R) ONE.

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



# Surface Wind Forecast- 07 Sep- 2020



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



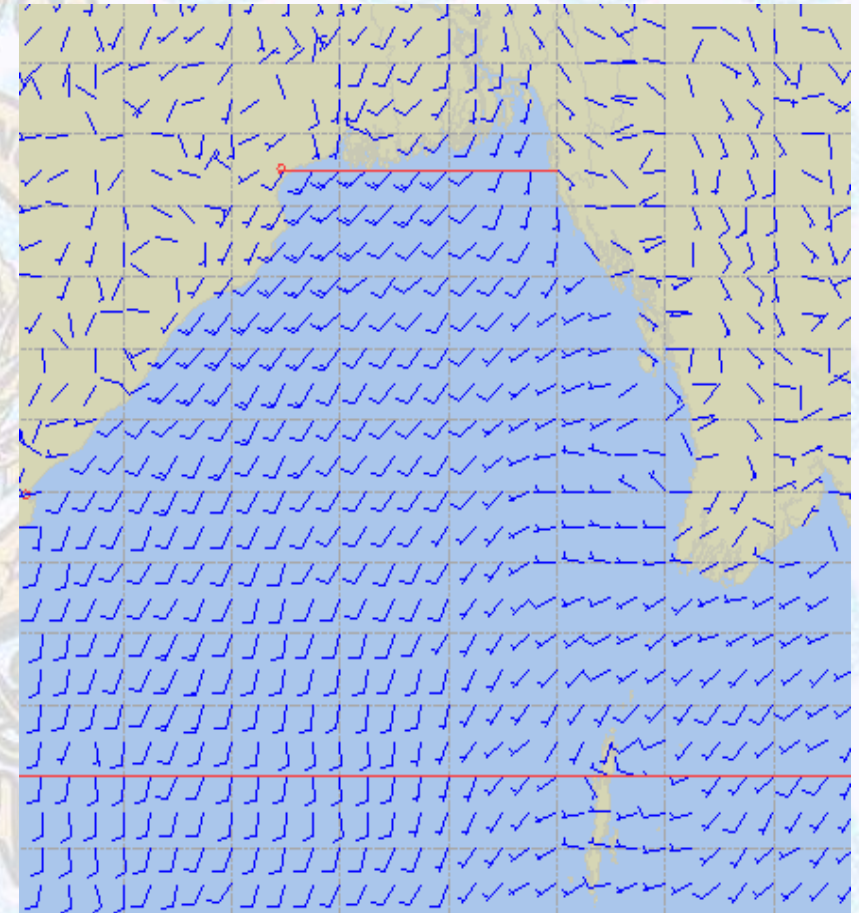
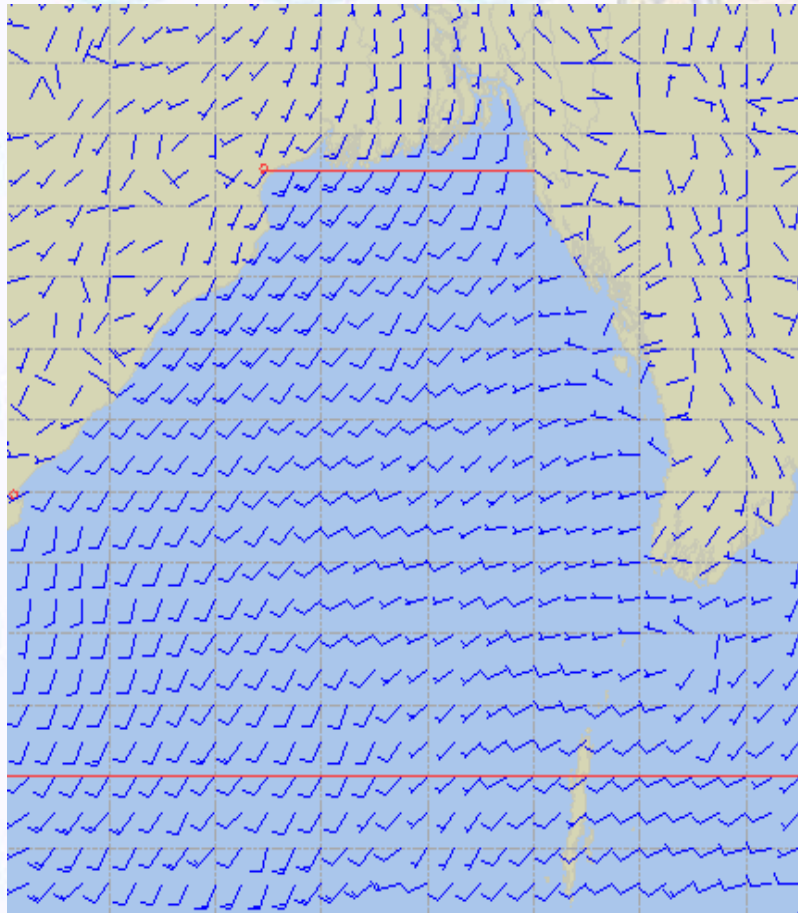
**60 Knots**



# Surface Wind Forecast – 08 & 09 Sep - 2020

08 Sep 20 Tuesday

09 Sep 20 Wednesday



**Legend:**



**Calm  
Winds**



**5 Knots**



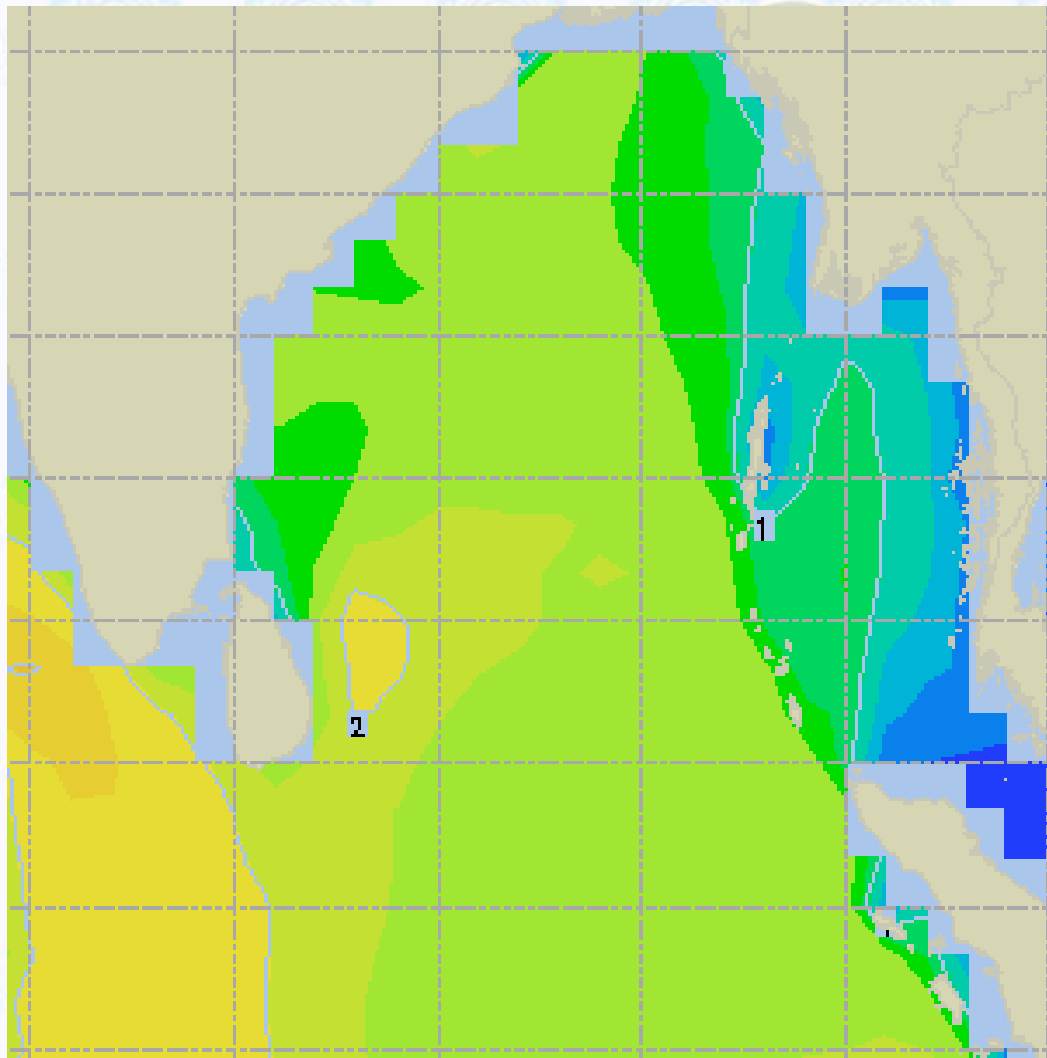
**10 Knots**



**60 Knots**



# Sea State Forecast – 07 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

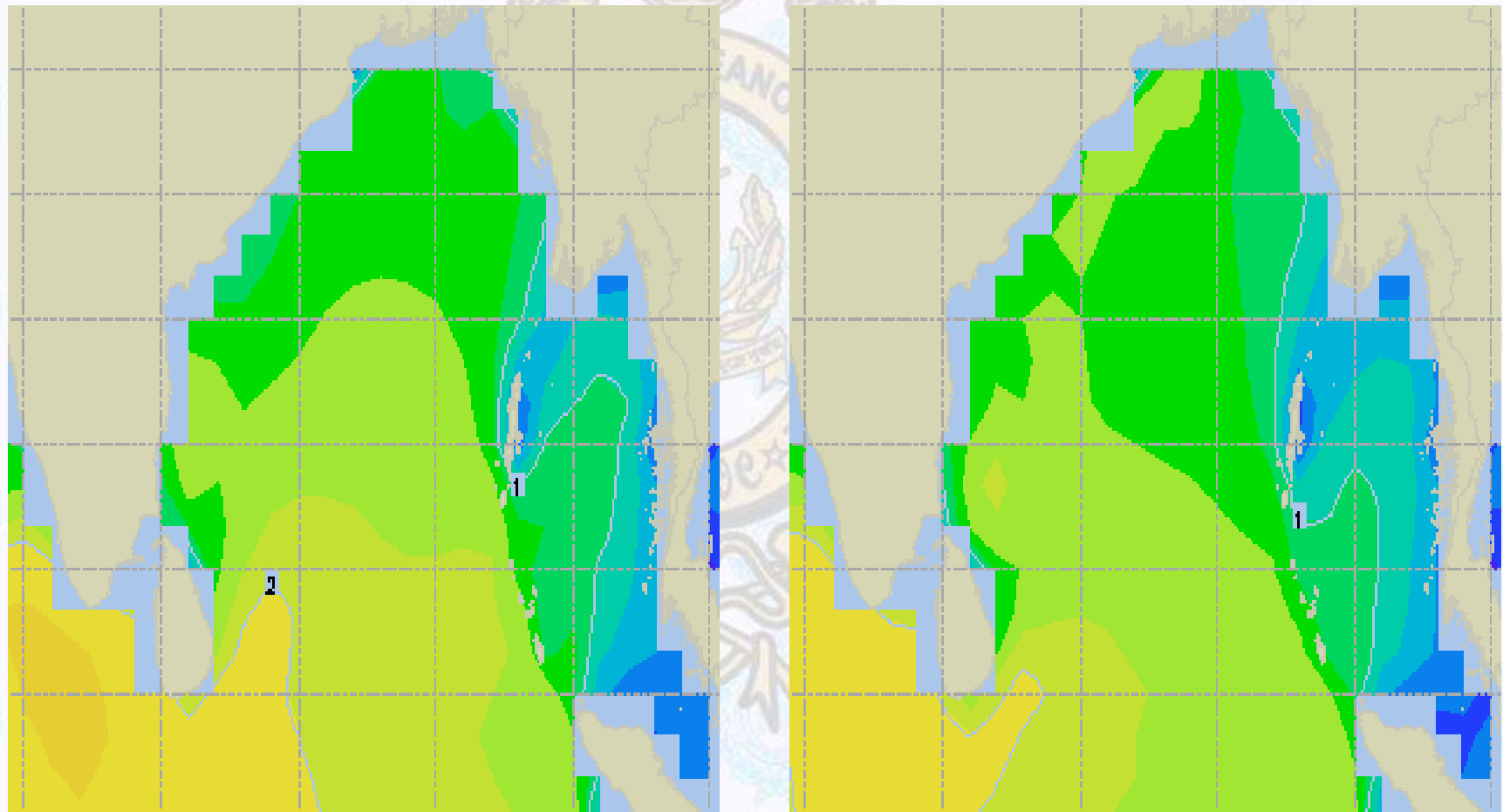




# Sea State Forecast – 08 & 09 Sep - 2020

08 Sep 20 Tuesday

09 Sep 20 Wednesday

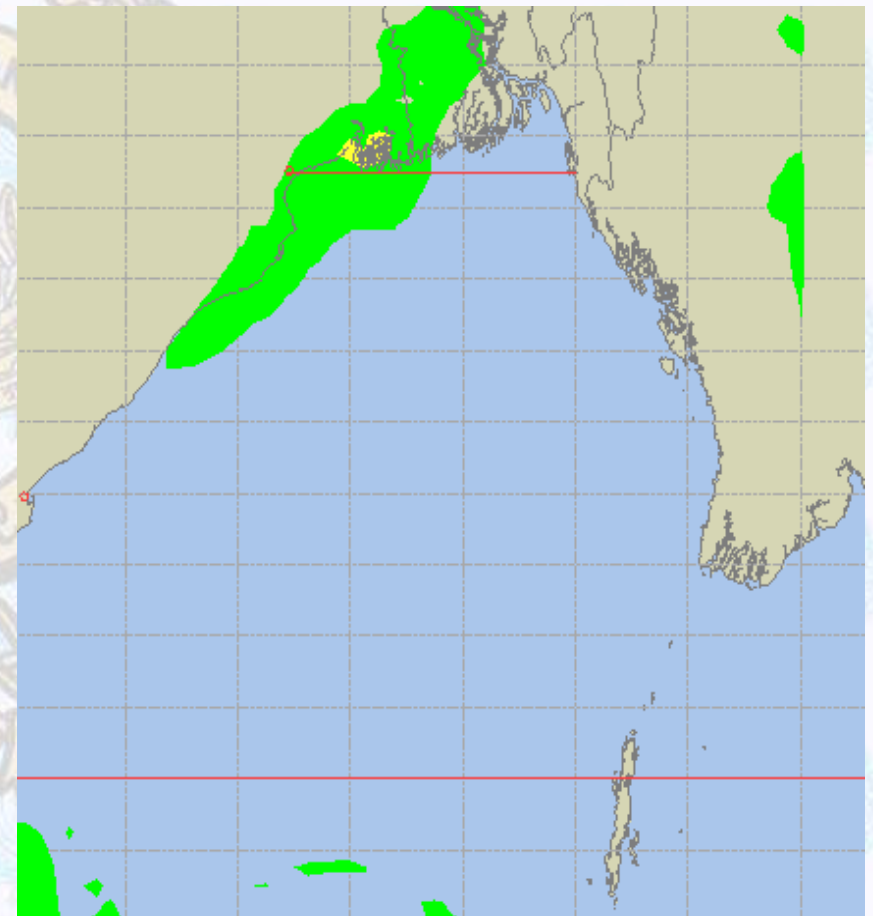
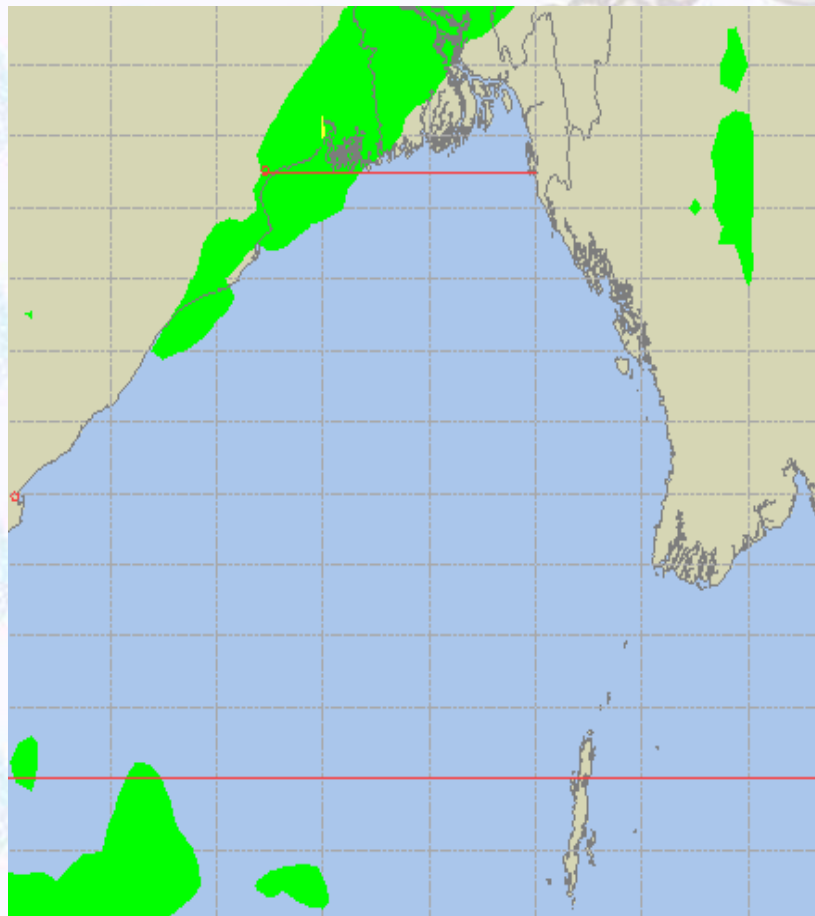




# Peak Gusting Possibilities— 07 & 08 Sep 2020

07 Sep 20 Monday

08 Sep 20 Tuesday

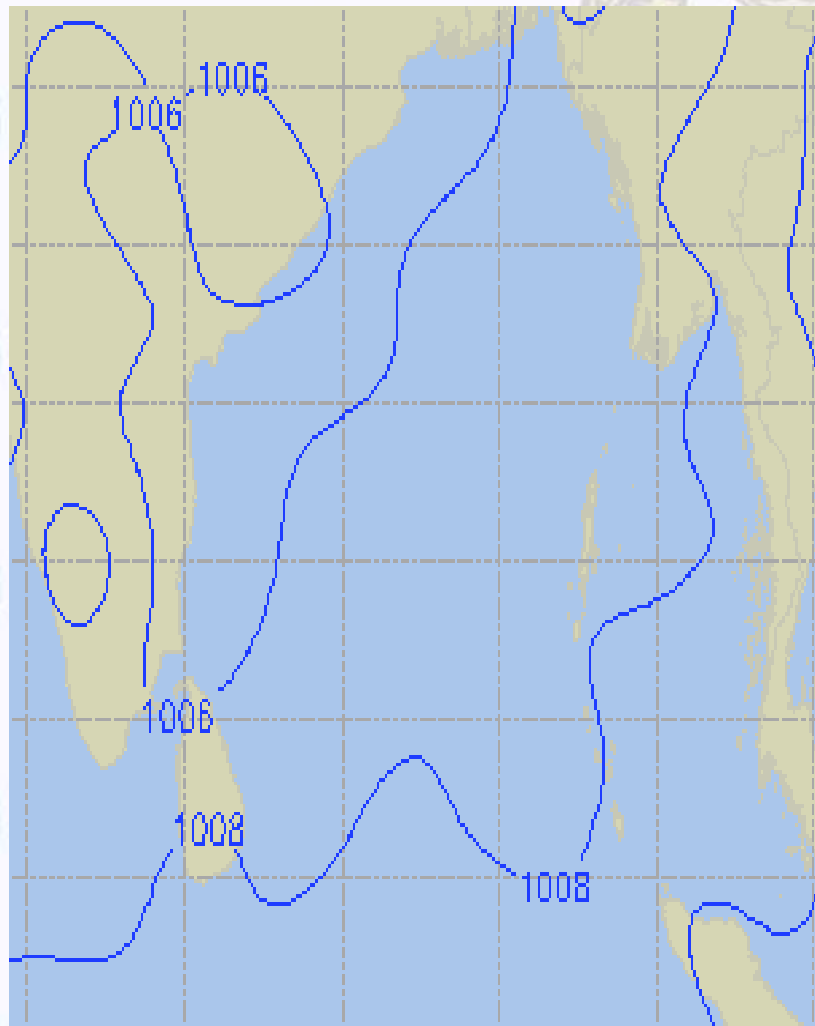




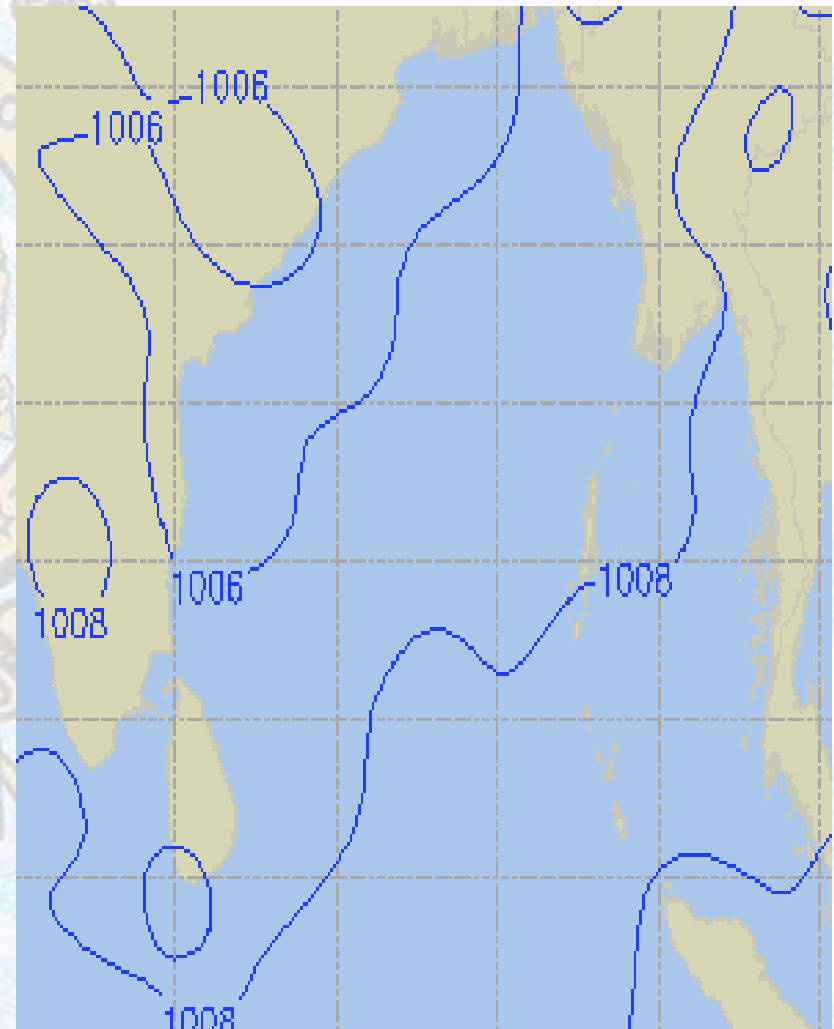


# Surface Pressure forecast– 07 & 08 Sep 2020

07 Sep 20 Monday



08 Sep 20 Tuesday

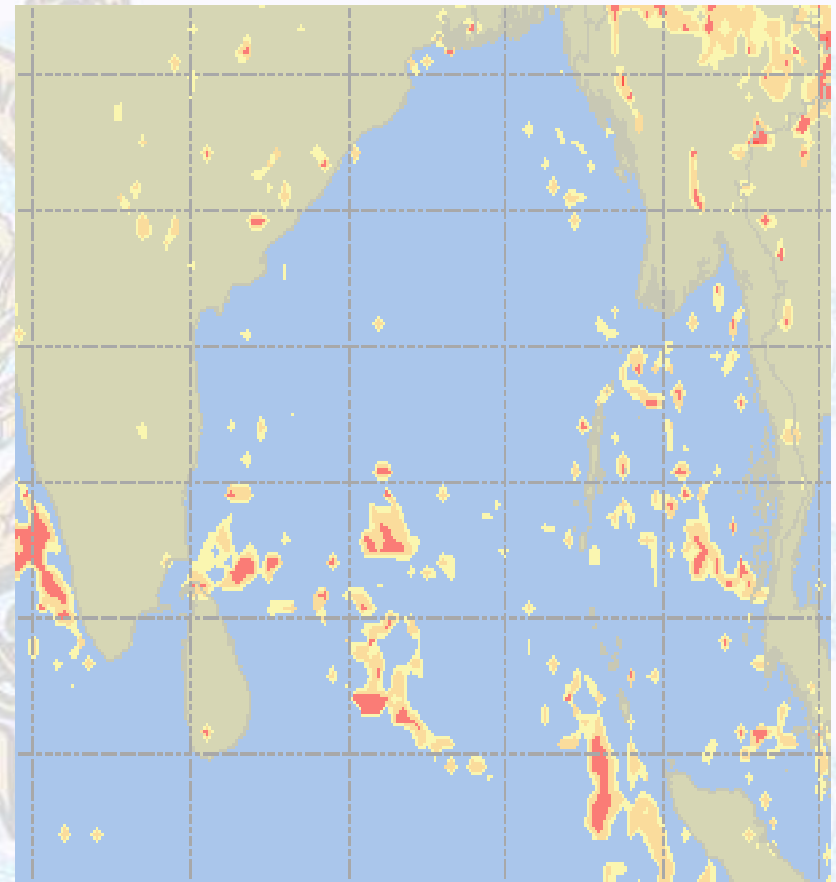
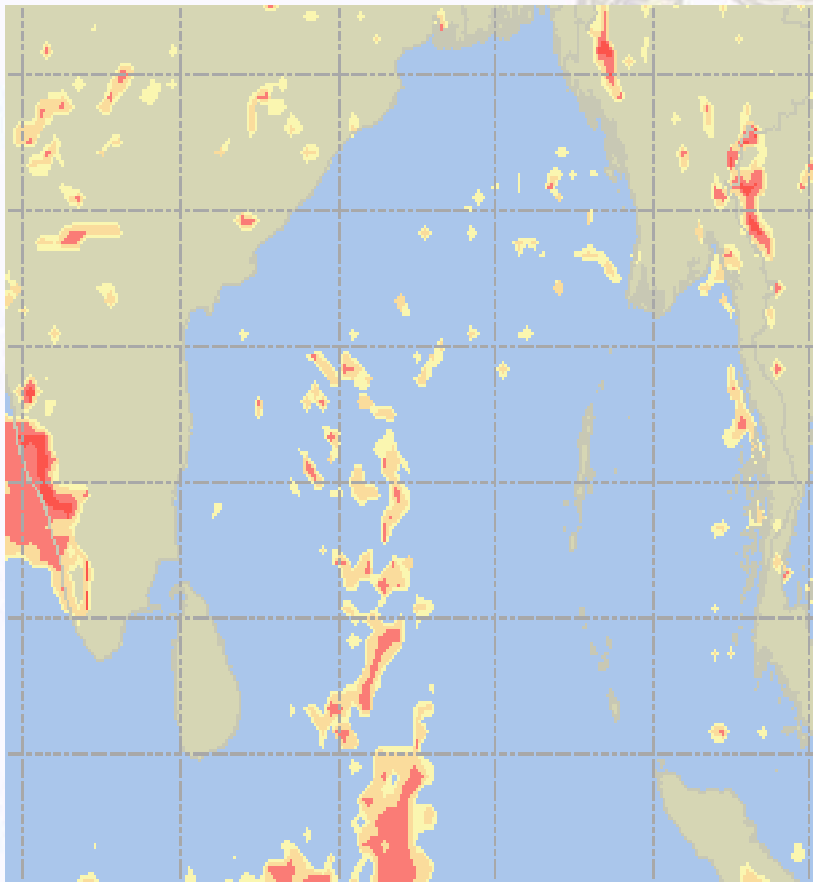




# Visibility at Sea Forecast – 07 & 08 Sep 2020

07 Sep 20 Monday

08 Sep 20 Tuesday



**Visibility Scale:**



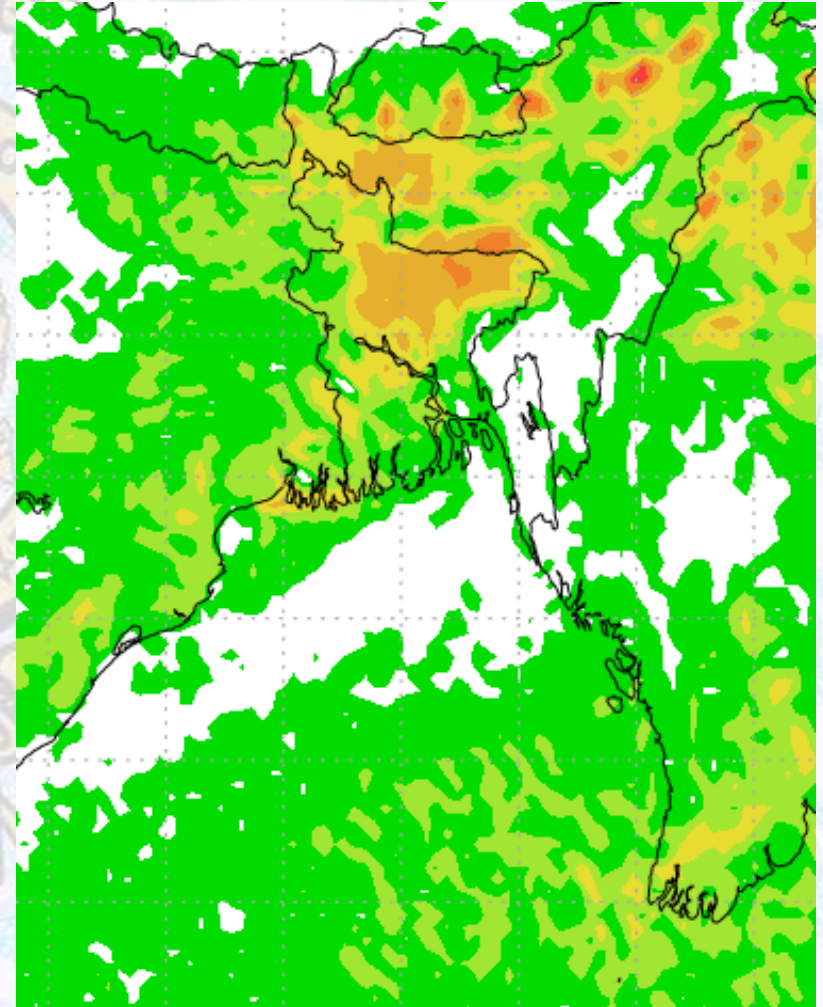
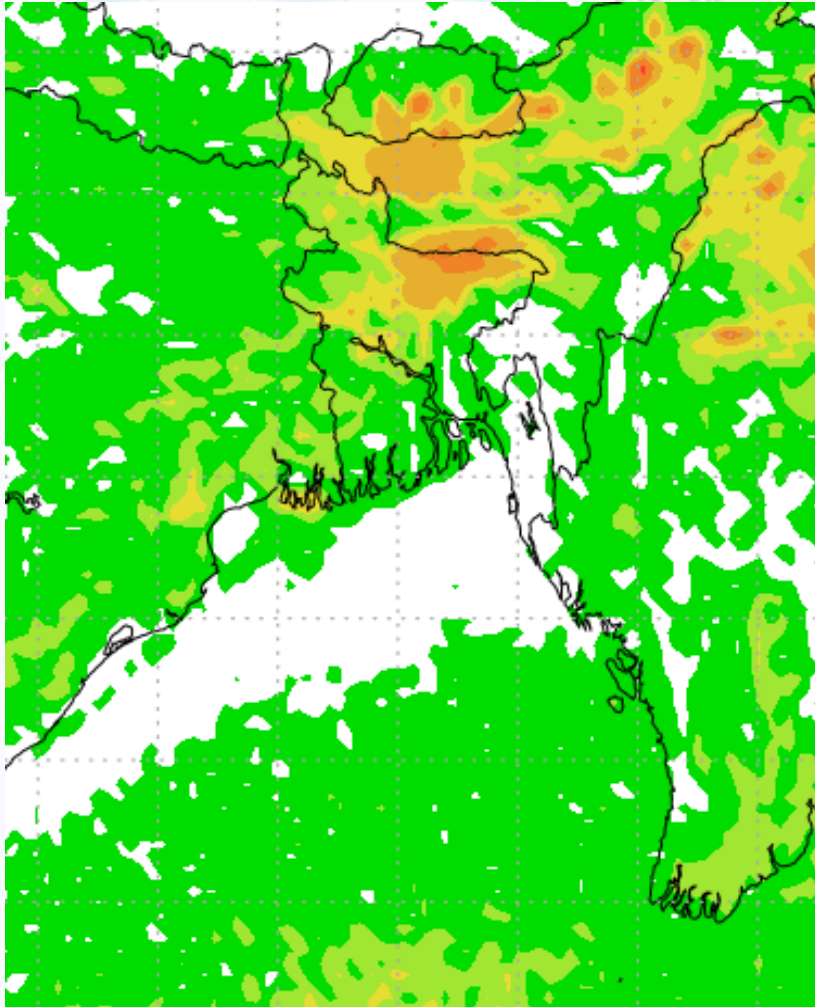
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



# Precipitation

Rain(mm) 07 & 08 Sep 2020

Rain(mm) 08 & 09 Sep 2020



Precipitation Scale (mm):





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

<b>07Sep 2020</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0326	5.15		0114	3.28		0051	3.17
	0949	0.76		0745	1.08		0705	1.13
	1540	5.04		1331	3.25		1259	3.07
	2203	0.71		1958	1.12		1915	1.04
<b>08Sep 2020</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0401	4.96		0149	3.13		0122	3.09
	1023	0.92		0817	1.17		0736	1.25
	1619	4.73		1406	3.03		1331	2.93
	2237	0.90		2029	1.22		1944	1.15
<b>09 Sep 2020</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	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