



# WEATHER FORECAST FOR BN

**07 SEP- 10 SEP 2020**





# WEATHER FORECAST – DHAKA

## 07.09.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	33 / 25	33 / 25	30 / 25	29 / 26
Wind	11 km/h SSW	10 km/h SSW	8 km/h SSW	8 km/h SSW
Humidity	63%	65%	76%	81%
Chance of Precip	15%	36%	24%	40%
Cloud Cover	61%	68%	81%	82%
Conditions	Mostly Cloudy	Mostly Cloudy	Mostly Cloudy	Mostly Cloudy
Sunrise Sunset	5: 43 AM 18: 12 PM			

### Conditions

Pressure : 1006 hpa

Visibility : 4.02 km

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





# WEATHER FORECAST – CHATTOGRAM

## 07.09.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	32 / 26	31 / 26	29 / 26	29 / 26
Wind	11 km/h SW	11 km/h SW	7 km/h SW	5 km/h SSW
Humidity	72%	74%	84%	87%
Chance of Precip.	6%	4%	11%	23%
Cloud Cover	62%	63%	64%	67%
Conditions	Mostly Cloudy	Mostly Cloudy	Mostly Cloudy	Mostly Cloudy
Sunrise Sunset	5: 38 AM 18: 05 PM			

### Conditions

Pressure : 1005 hpa

Visibility : 9.66 Km

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



# WEATHER FORECAST – KHULNA

## 07.09.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	33 / 27	32 / 27	30 / 27	29 / 27
Wind	14 km/h SSW	14 km/h SSW	9 km/h SSW	7 km/h SSW
Humidity	70%	75%	86%	89%
Chance of Precip.	15%	20%	9%	15%
Cloud Cover	77%	74%	66%	67%
Conditions	Mostly Cloudy	Mostly Cloudy	Mostly Cloudy	Mostly Cloudy
Sunrise Sunset	5: 48 AM 18: 15 PM			

### Conditions

Pressure : 1004 hpa

Visibility : 14.48 Km

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





# GENERAL WEATHER FORECAST – DHAKA

Description	08 Sep 2020	09 Sep 2020	10 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>	5h41m42s/18h10m48s	5h42m06s/18h09m54s	5h42m36s/18h09m00s
<b>Day Length</b>	12h29m06s	12h27m48s	12h26m24s
<b>Moon Rise/ Set</b>	9:57PM 10:35 AM	10:37PM 11:28 AM	11:22PM 12:22 PM
<b>Moon Phase/ illu</b>	Waning Gibbous, 68%	Waning Gibbous, 58%	Last Quarter, 48%
<b>NauticalTwilight</b>	04:51,19:00	04:53,19:00	04:53,18:56
<b>Civil Twilight</b>	05:20,18:33	05:21,18:32	05:20,18:29
<b>Humidity</b>	D : 77%    N : 84%	D : 77%    N : 85%	D : 76%    N : 80%
<b>Barometer (mb)</b>	1005	1006	1004
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	80%	80%	80%
<b>Wind (mph)</b>	8 Km/h SSW	10 Km/h SW	10 Km/h SSW

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



# GENERAL WEATHER FORECAST– CHATTOGRAM

Description	08 Sep 2020	09 Sep 2020	10 Sep 2020
<b>Temperature (C)</b>	31 °C/ 26 °C	31 °C/ 26 °C	30 °C/ 26 °C
<b>Summary</b>	Partly Cloudy/ Light Rain	Partly Cloudy/ Light Rain	Partly Cloudy/ Light Rain
<b>Sun Rise/Set</b>	5h37m30s/18h02m36s	5h37m48s/18h01m36s	5h38m12s/18h00m36s
<b>Day Length</b>	12h25m06s	12h23m48s	12h22m24s
<b>Moon Rise/ Set</b>	9:54PM 9:10:27AM	10:34PM 11:19AM	11:19PM 12:13PM
<b>Moon Phase/ illu</b>	Waning Gibbous, 68%	Waning Gibbous, 58%	Last Quarter, 48%
<b>NauticalTwilight</b>	04:49, 18:54	04:50, 18:51	04:49, 18:49
<b>Civil Twilight</b>	05:16, 18:27	05:16, 18:26	05:15, 18:23
<b>Humidity</b>	D : 80% N : 90%	D : 82% N : 91%	D : 84% N : 91%
<b>Barometer (mb)</b>	1007	1008	1008
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	40%	50%	80%
<b>Wind (mph)</b>	10 Km/h SSW	13 Km/h SSW	10 Km/h S

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





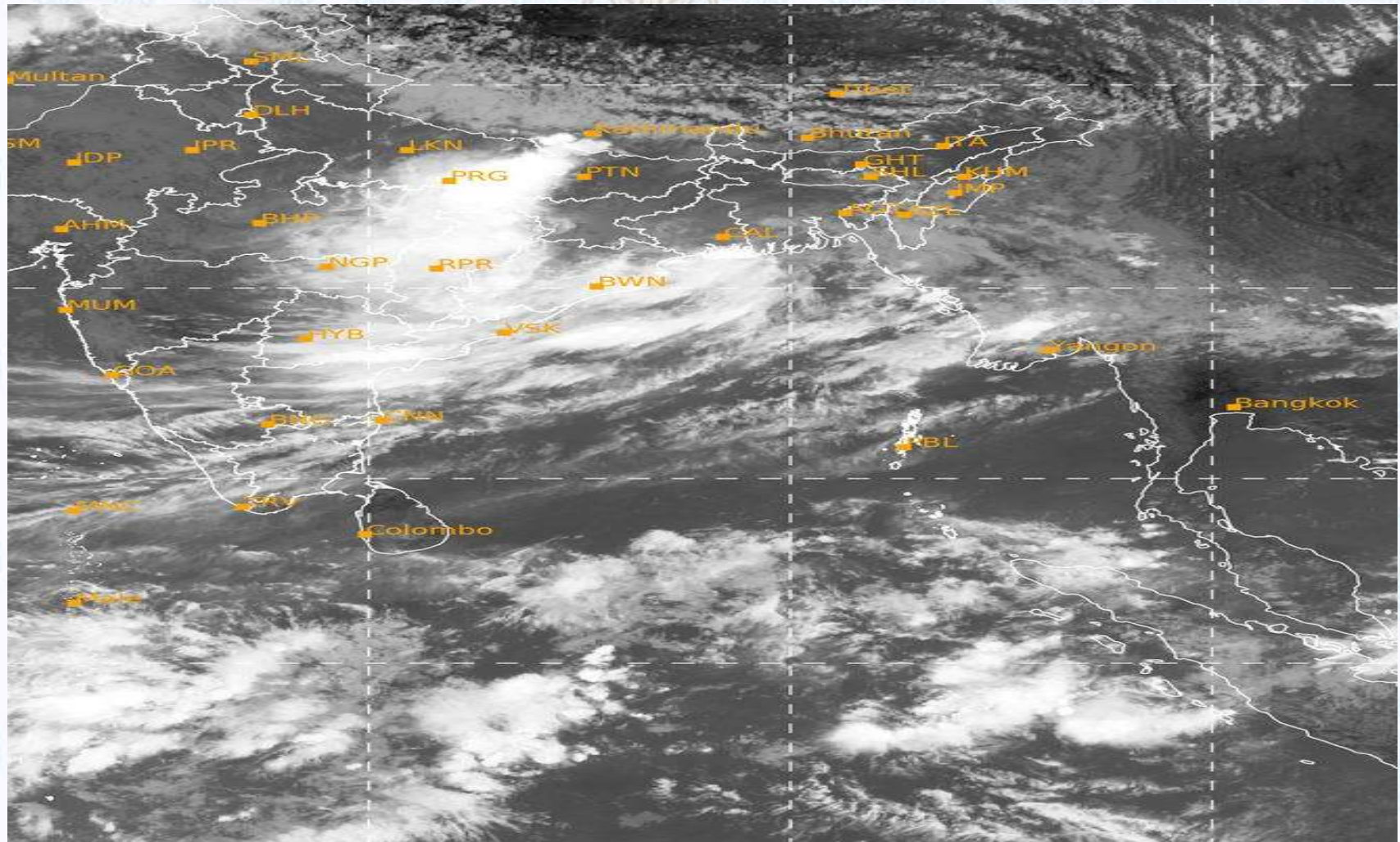
# GENERAL WEATHER FORECAST – KHULNA

Description	08 Sep 2020	09 Sep 2020	10 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>	5h46m24s/18h11m54s	5h46m00s/18h12m48s	5h46m24s/18h11m54s
<b>Day Length</b>	12h28m36s	12h26m48s	12h25m30s
<b>Moon Rise/Set</b>	10:03PM 10:37 AM	10:43PM 11:30 AM	11:29PM 12:23 PM
<b>Moon Phase/illu</b>	Waning Gibbous, 68%	Waning Gibbous, 58%	Last Quarter, 48%
<b>NauticalTwilight</b>	04:58, 19:03	04:59, 19:02	04:58, 18:58
<b>Civil Twilight</b>	05:23, 18:35	05:23, 18:34	05:24, 18:32
<b>Humidity</b>	D : 83% N : 89%	D : 83% N : 89%	D : 80% N : 88%
<b>Barometer (mb)</b>	1005	1006	1004
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	90%	80%	80%
<b>Wind (mph)</b>	10 km/h SSW	10 km/h SSW	10 km/h SSW

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



# SATELLITE VIEW OF BAY OF BENGAL



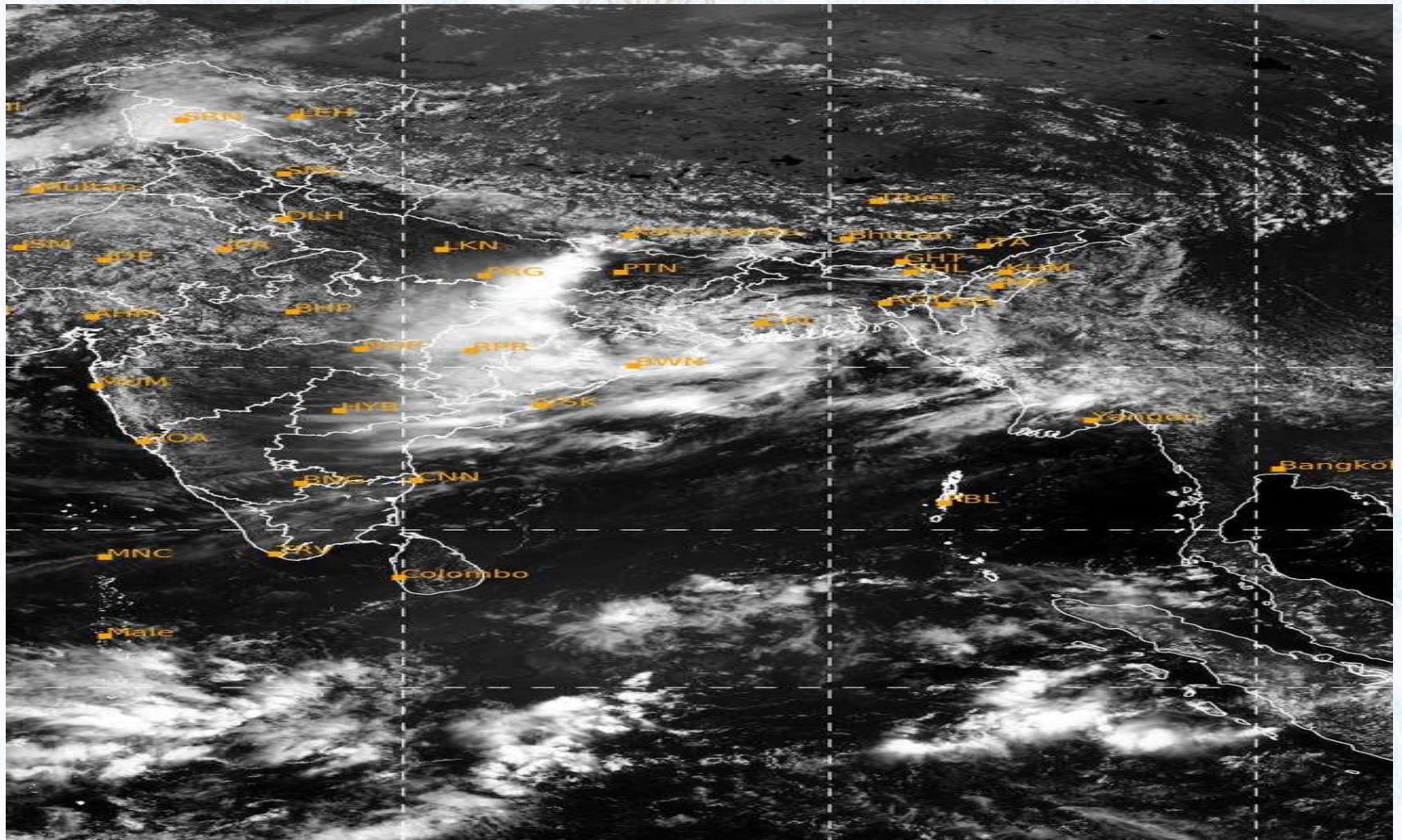
07/09/2020, 11:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



07/09/2020, 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 07.09.2020)

<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	SOUTH/SOUTH-WESTERLY, 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 = 07,0000 UTC. CHATTOGRAM =1005 HPA





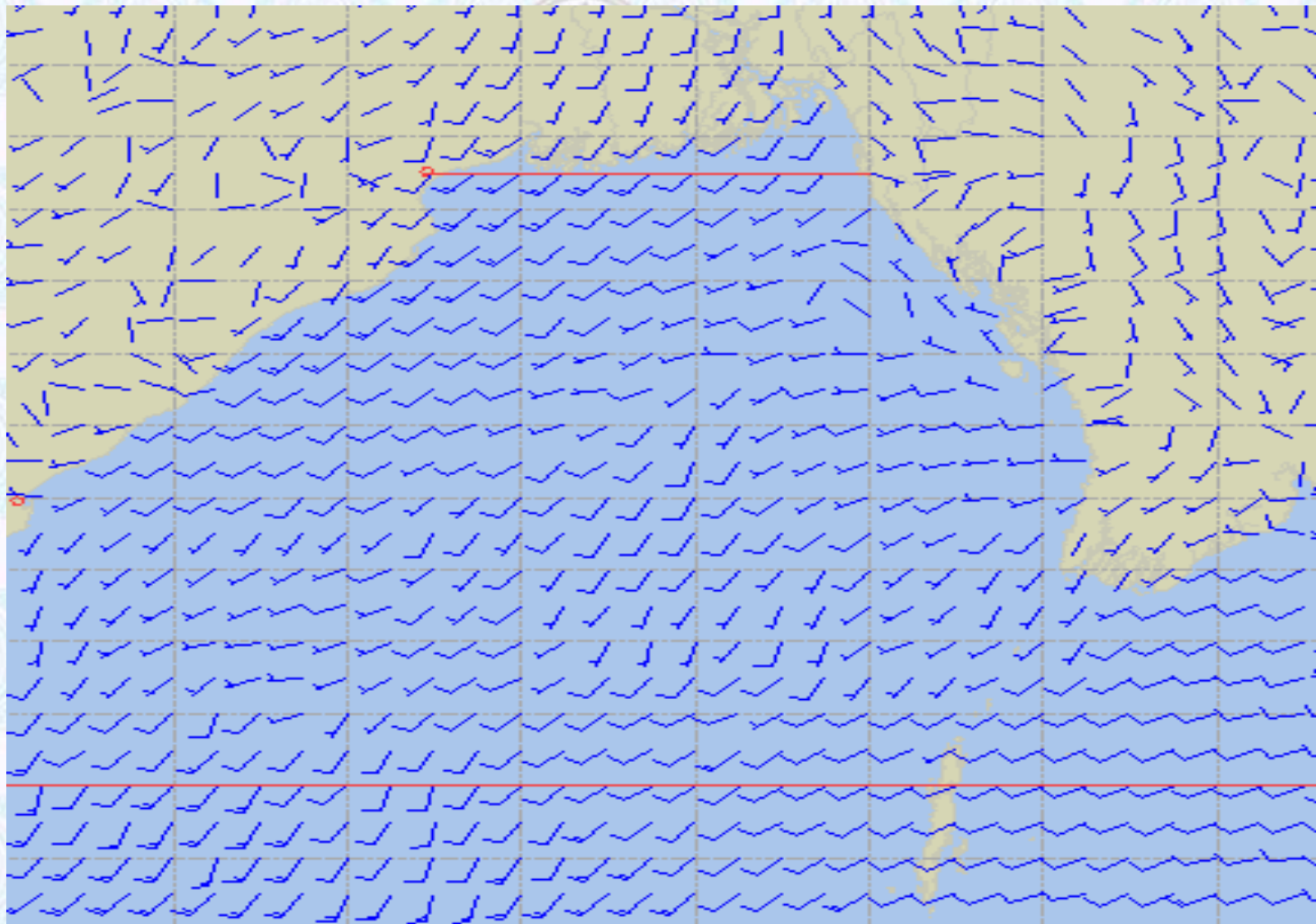
## **Inland River Port Warning** **(VALID TILL 06 PM OF 07.09.2020)**

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 AND SYLHET WHEREIN RIVERPORTS SHALL HOIST CAUTIONARY SIGNAL NO. ONE (R) ONE.

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



# Surface Wind Forecast- 08 Sep- 2020



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



**60 Knots**

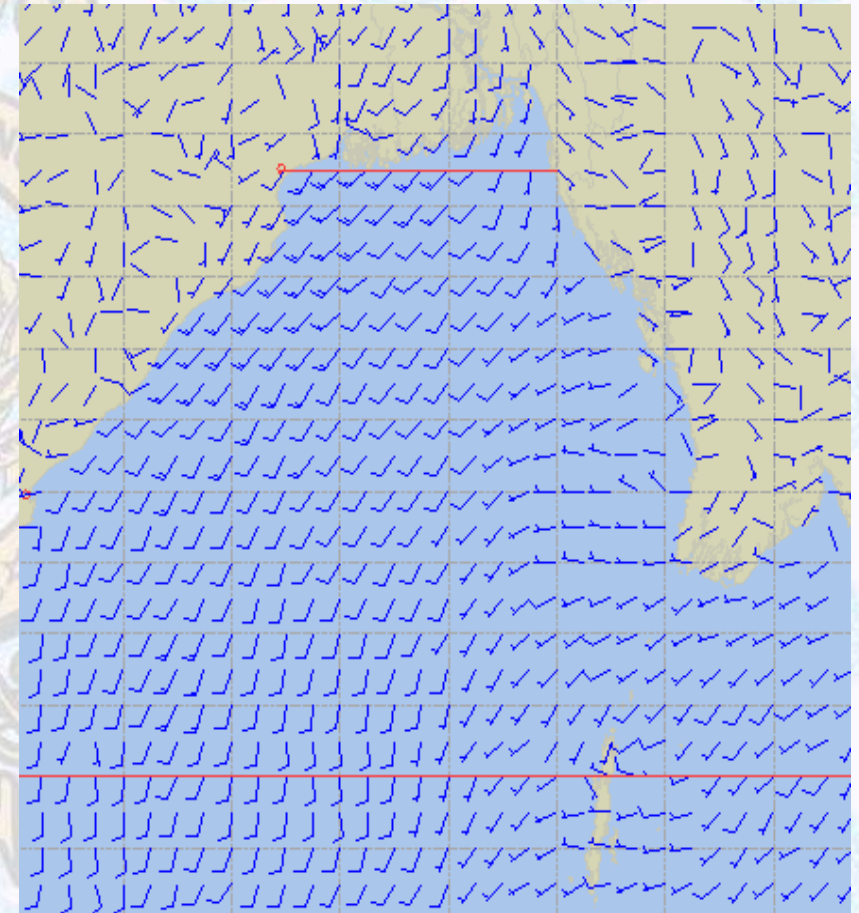
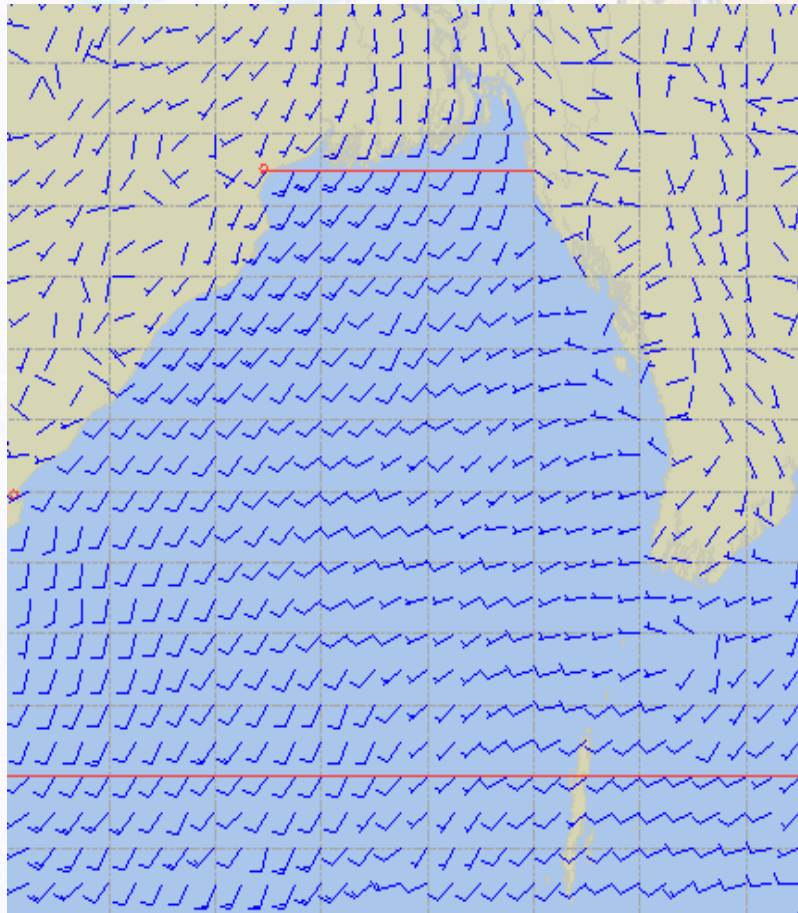




# Surface Wind Forecast – 09 & 10 Sep - 2020

09 Sep 20 Wednesday

10 Sep 20 Thursday



**Legend:**



**Calm  
Winds**



**5 Knots**



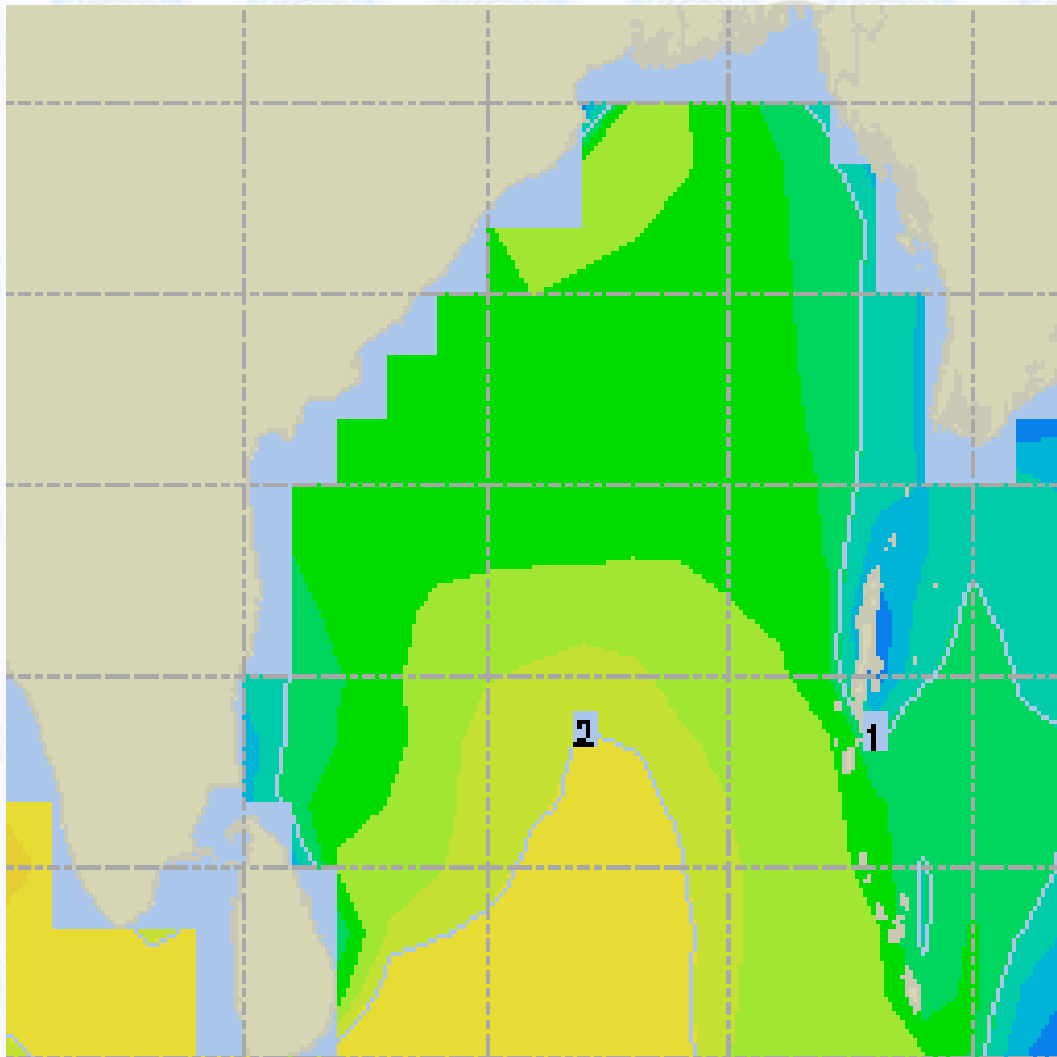
**10 Knots**



**60 Knots**



# Sea State Forecast – 08 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



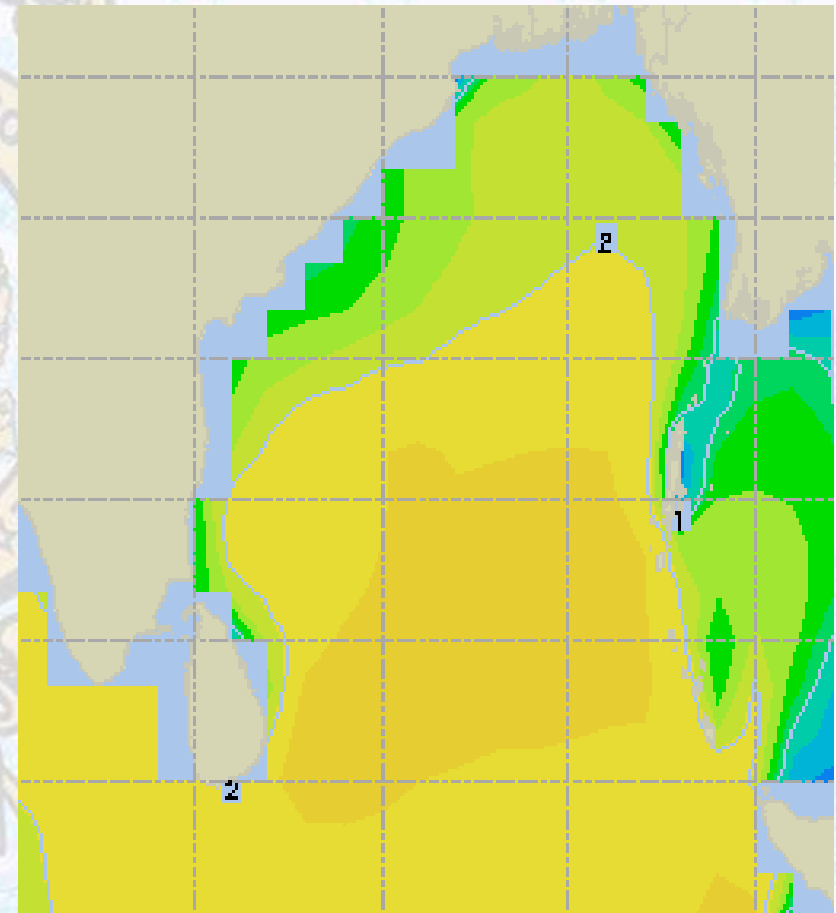
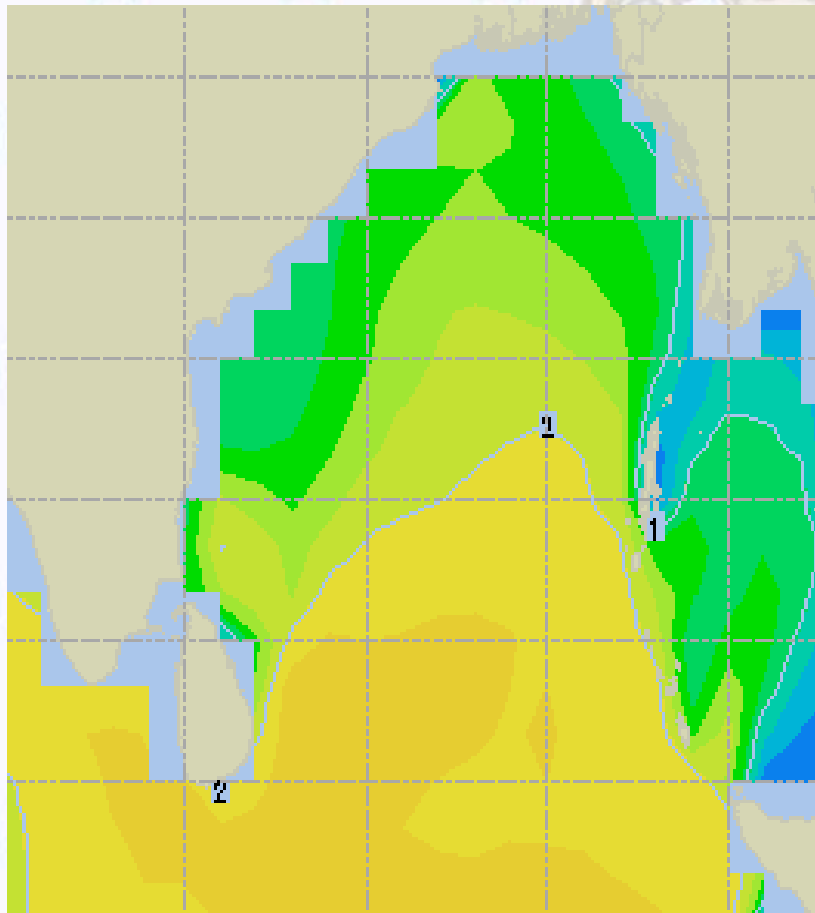




# Sea State Forecast – 09 & 10 Sep - 2020

09 Sep 20 Wednesday

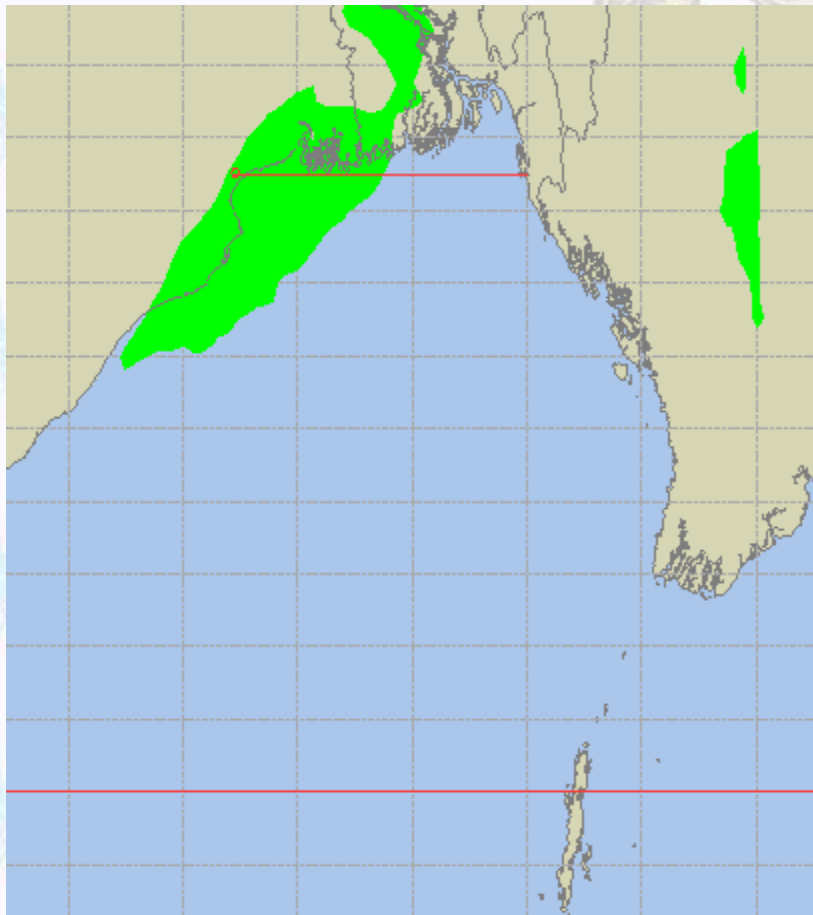
10 Sep 20 Thursday



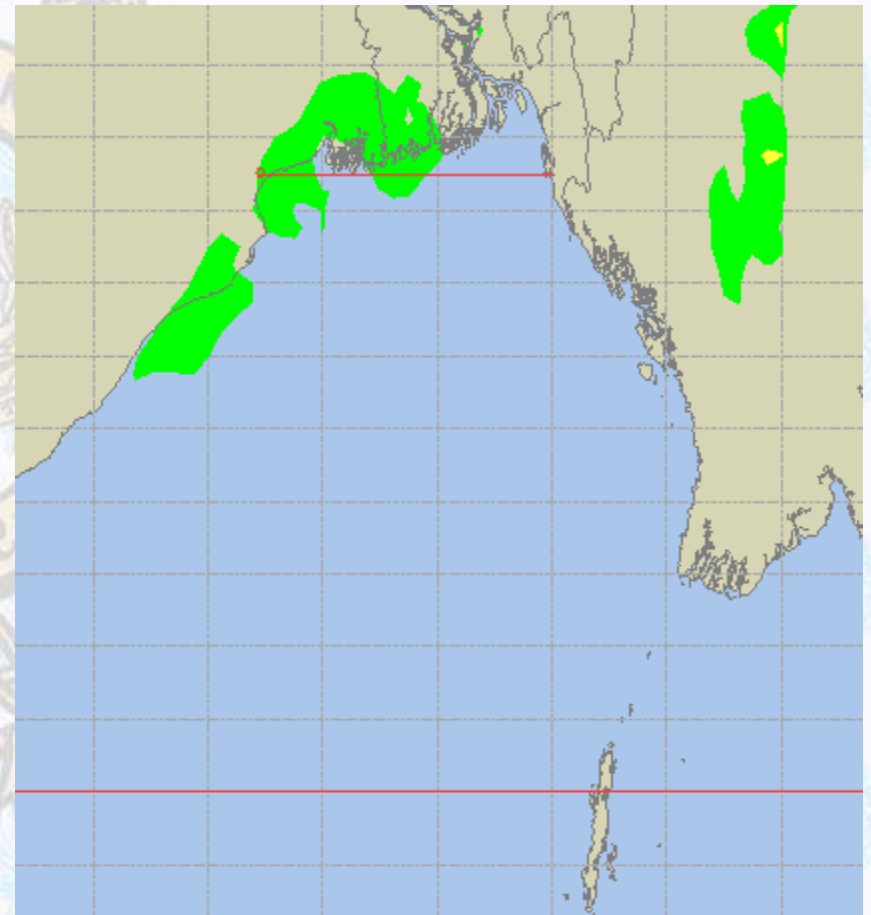


# Peak Gusting Possibilities— 08 & 09 Sep 2020

08 Sep 20 Tuesday



09 Sep 20 Wednesday

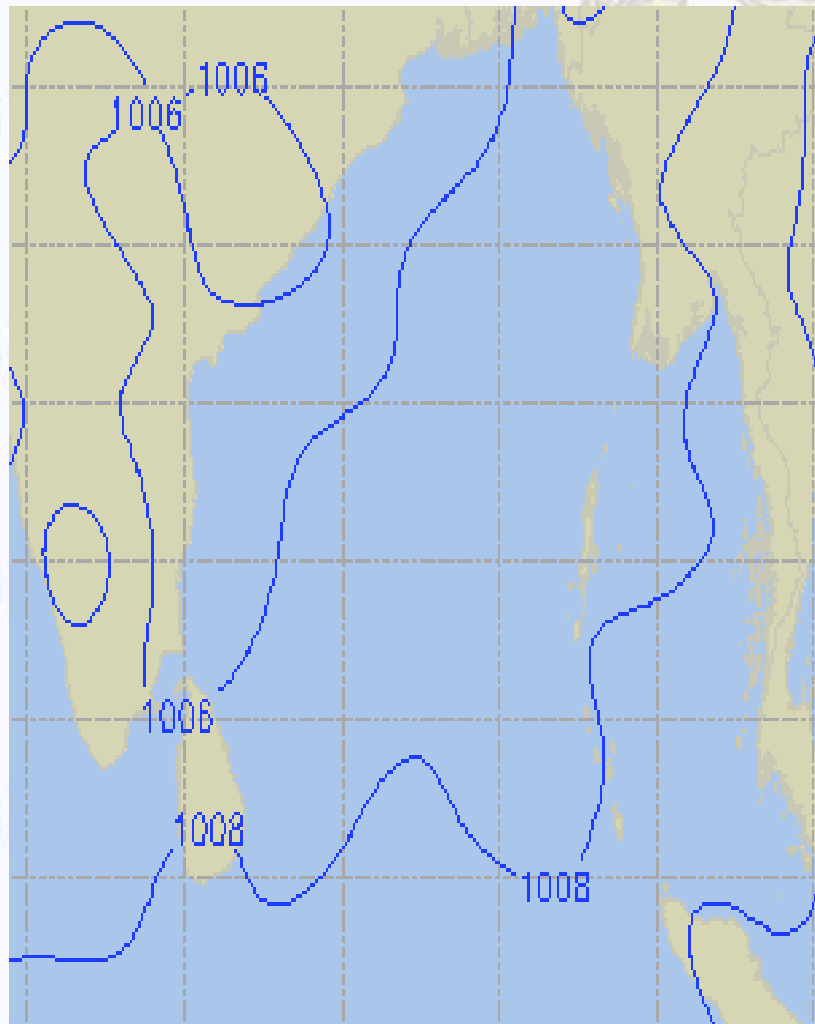




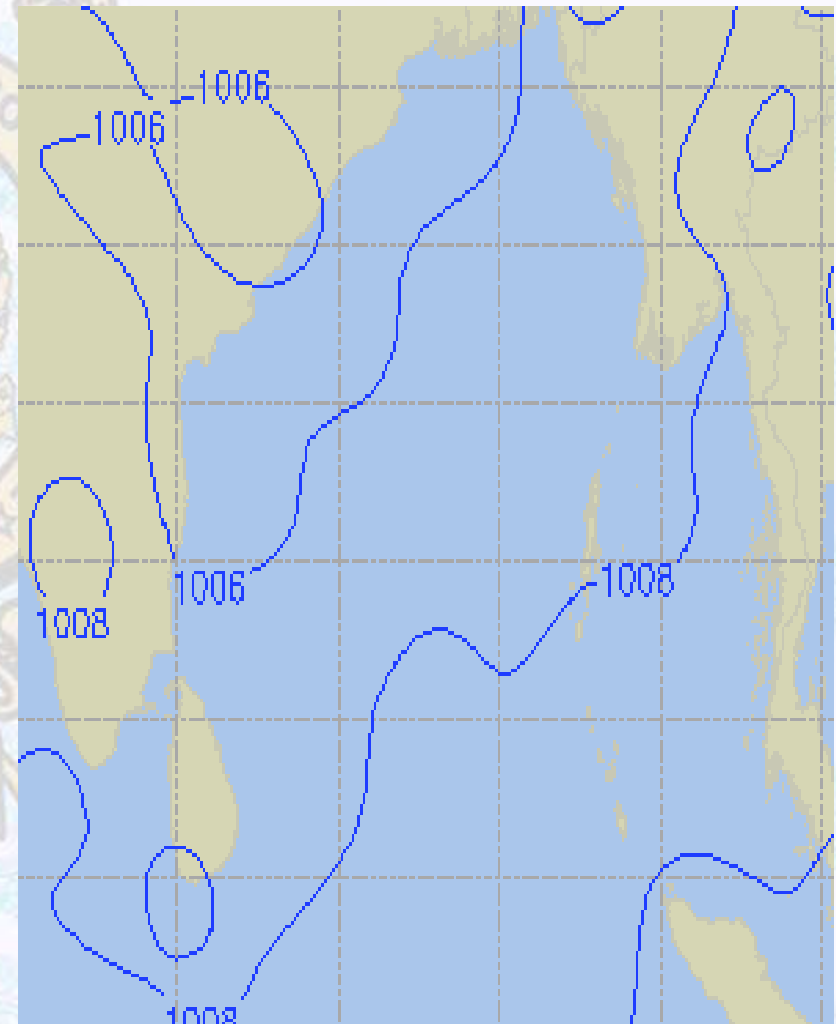


# Surface Pressure forecast– 08 & 09 Sep 2020

08 Sep 20 Tuesday



09 Sep 20 Wednesday

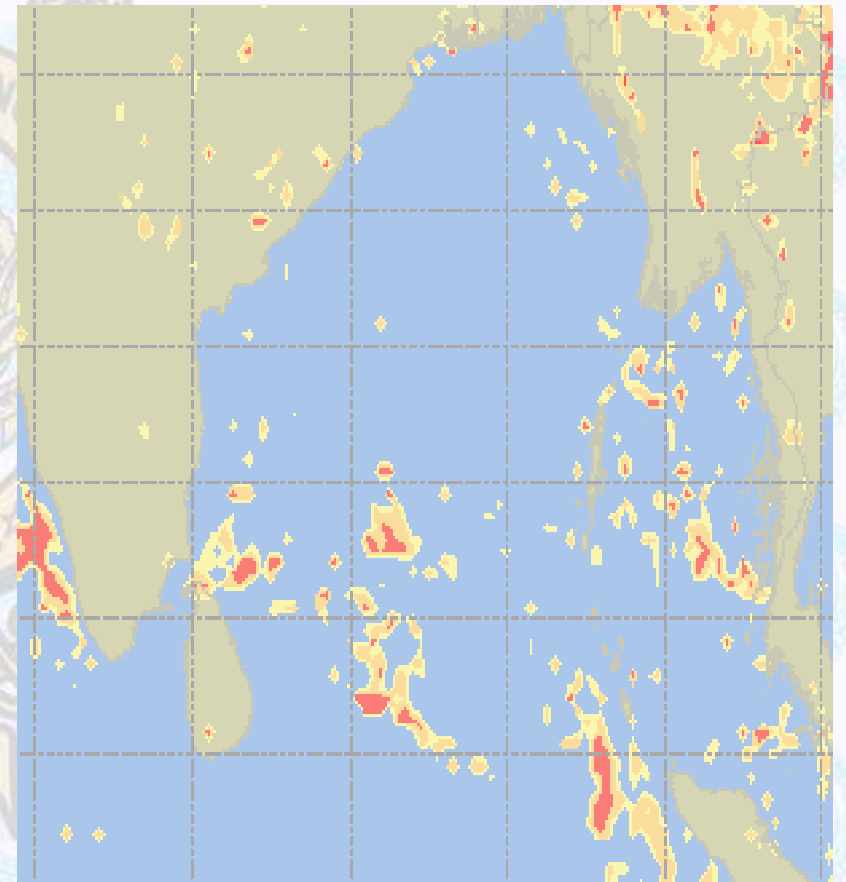
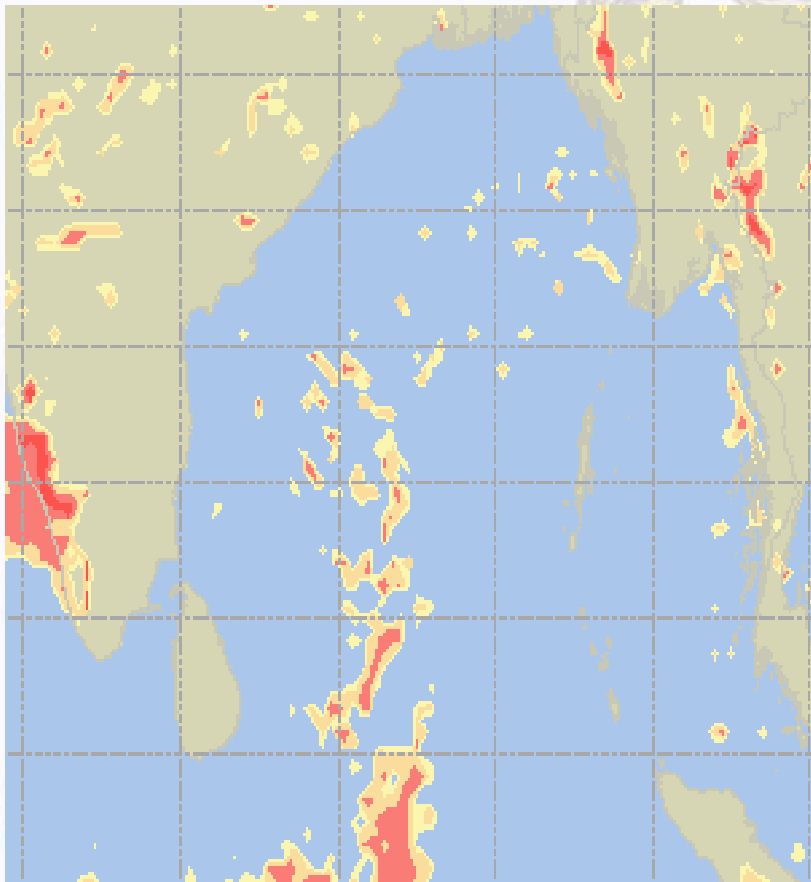




# Visibility at Sea Forecast – 08 & 09 Sep 2020

08 Sep 20 Tuesday

09 Sep 20 Wednesday



**Visibility Scale:**



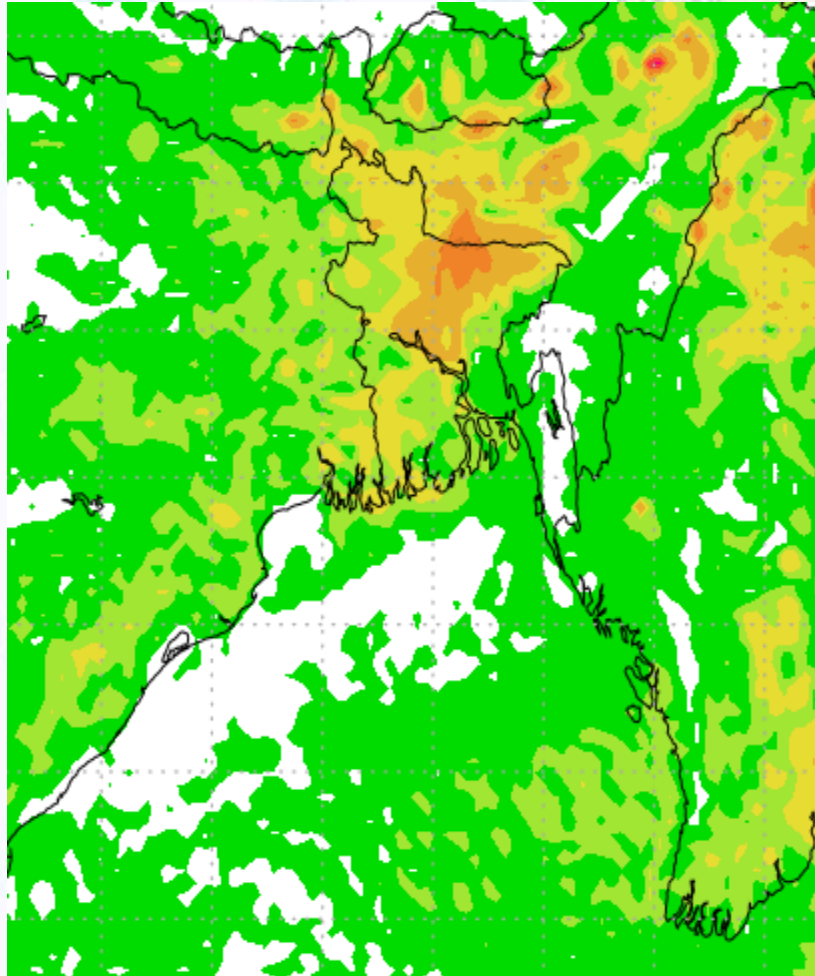
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



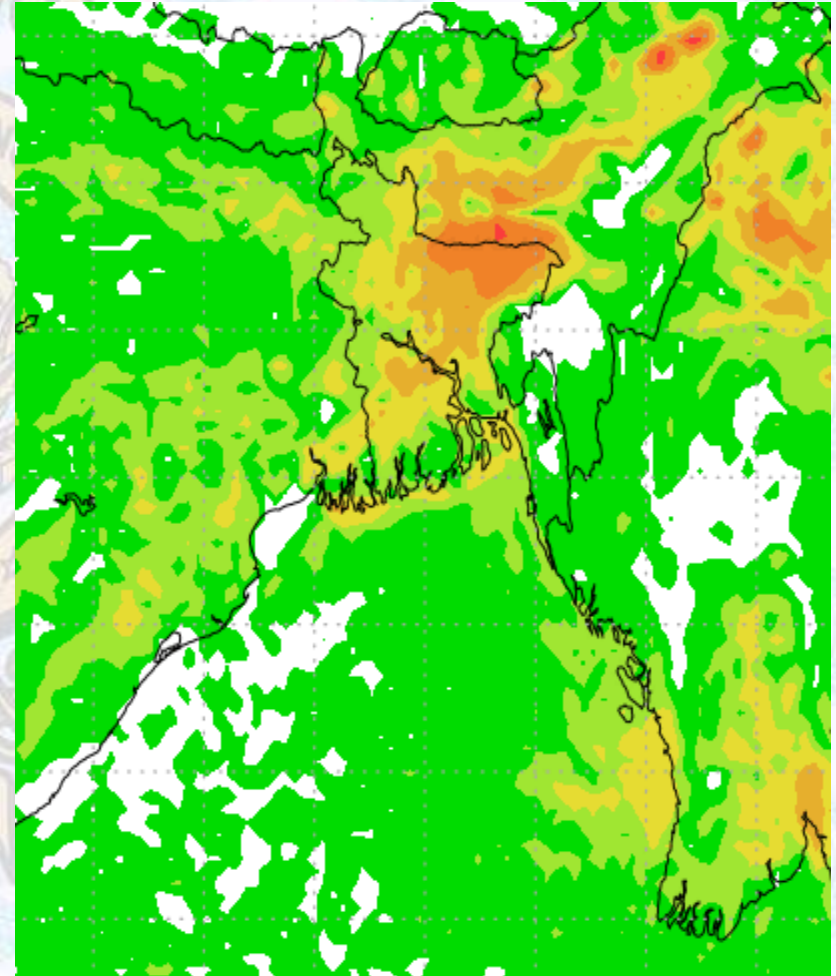


# Precipitation

Rain(mm) 08 & 09 Sep 2020



Rain(mm) 09 & 10 Sep 2020



**Precipitation Scale (mm):**





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

	Time	Height		Time	Height		Time	Height
<b>08Sep 2020</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
<b>10 Sep 2020</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	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