



# **WEATHER FORECAST FOR BN**

***05 SEP- 08 SEP 2020***





# WEATHER FORECAST – DHAKA

## 05.09.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	34 / 25	34 / 25	31 / 24	30 / 24
Wind	6 km/h WSW	5 km/h WSW	4 km/h WSW	5 km/h SW
Humidity	57%	55%	70%	76%
Chance of Precip	17%	3%	4%	5%
Cloud Cover	45%	44%	43%	47%
Conditions	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sunrise Sunset	5: 43 AM 18: 14 PM			

### Conditions

Pressure : 1008 hpa

Visibility : 4.02 km

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



# WEATHER FORECAST – CHATTOGRAM

## 05.09.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	32 / 26	32 / 26	30 / 26	29 / 27
Wind	9 km/h WNW	9 km/h W	5 km/h W	3 km/h W
Humidity	73%	76%	85%	87%
Chance of Precip.	7%	5%	6%	11%
Cloud Cover	32%	39%	53%	55%
Conditions	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sunrise Sunset	5: 38 AM 18: 07 PM			

### Conditions

Pressure : 1009 hpa

Visibility : 4.83 Km

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



# WEATHER FORECAST – KHULNA

## 05.09.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	34 / 27	34 / 27	31 / 27	29 / 27
Wind	8 km/h SW	8 km/h SW	8 km/h SW	6 km/h SW
Humidity	65%	68%	82%	88%
Chance of Precip.	8%	15%	5%	7%
Cloud Cover	43%	44%	16%	24%
Conditions	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sunrise Sunset	5: 47 AM 18: 17 PM			

### Conditions

Pressure : 1009 hpa

Visibility : 14.48 Km

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



# GENERAL WEATHER FORECAST – DHAKA

Description	06 Sep 2020	07 Sep 2020	08 Sep 2020
<b>Temperature (C)</b>	33 °C/ 27 °C	33 °C/ 27 °C	33 °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	12h29m48s	12h30m08s
<b>Moon Rise/ Set</b>	8:48PM 8:54AM	9:21PM 9:44AM	9:57PM 10:35 AM
<b>Moon Phase/ illu</b>	Waning Gibbous, 84%	Waning Gibbous, 77%	Waning Gibbous, 68%
<b>NauticalTwilight</b>	04:52,19:01	04:52,19:01	04:51,19:00
<b>Civil Twilight</b>	05:19,18:34	05:20,18:33	05:20,18:33
<b>Humidity</b>	D : 73%    N : 82%	D : 74%    N : 84%	D : 81%    N : 86%
<b>Barometer (mb)</b>	1005	1006	1006
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	80%	80%	80%
<b>Wind (mph)</b>	11 Km/h SW	10 Km/h SSW	11Km/h SSW

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



# GENERAL WEATHER FORECAST– CHATTOGRAM

Description	06 Sep 2020	07 Sep 2020	08 Sep 2020
<b>Temperature (C)</b>	31 °C/ 26 °C	31 °C/ 26 °C	31 °C/ 27 °C
<b>Summary</b>	Partly Cloudy/ Light Rain	Partly Cloudy/ Light Rain	Partly Cloudy/ Light Rain
<b>Sun Rise/Set</b>	5h36m48s/18h04m18s	5h37m06s/18h03m24s	5h37m30s/18h02m36s
<b>Day Length</b>	12h27m30s	12h27m54s	12h28m30s
<b>Moon Rise/ Set</b>	8:43PM 8:47AM	9:17PM 9:37AM	9:54PM 9:10:77AM
<b>Moon Phase/ illu</b>	Waning Gibbous, 84%	Waning Gibbous, 77%	Waning Gibbous, 68%
<b>NauticalTwilight</b>	04:48, 18:55	04:49, 18:54	04:49, 18:54
<b>Civil Twilight</b>	05:15, 18:28	05:15, 18:27	05:16, 18:27
<b>Humidity</b>	D : 78% N : 90%	D : 81% N : 90%	D : 81% N : 91%
<b>Barometer (mb)</b>	1006	1007	1007
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	20%	40%	40%
<b>Wind (mph)</b>	11 Km/h SW	9 Km/h SW	10 Km/h SW

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



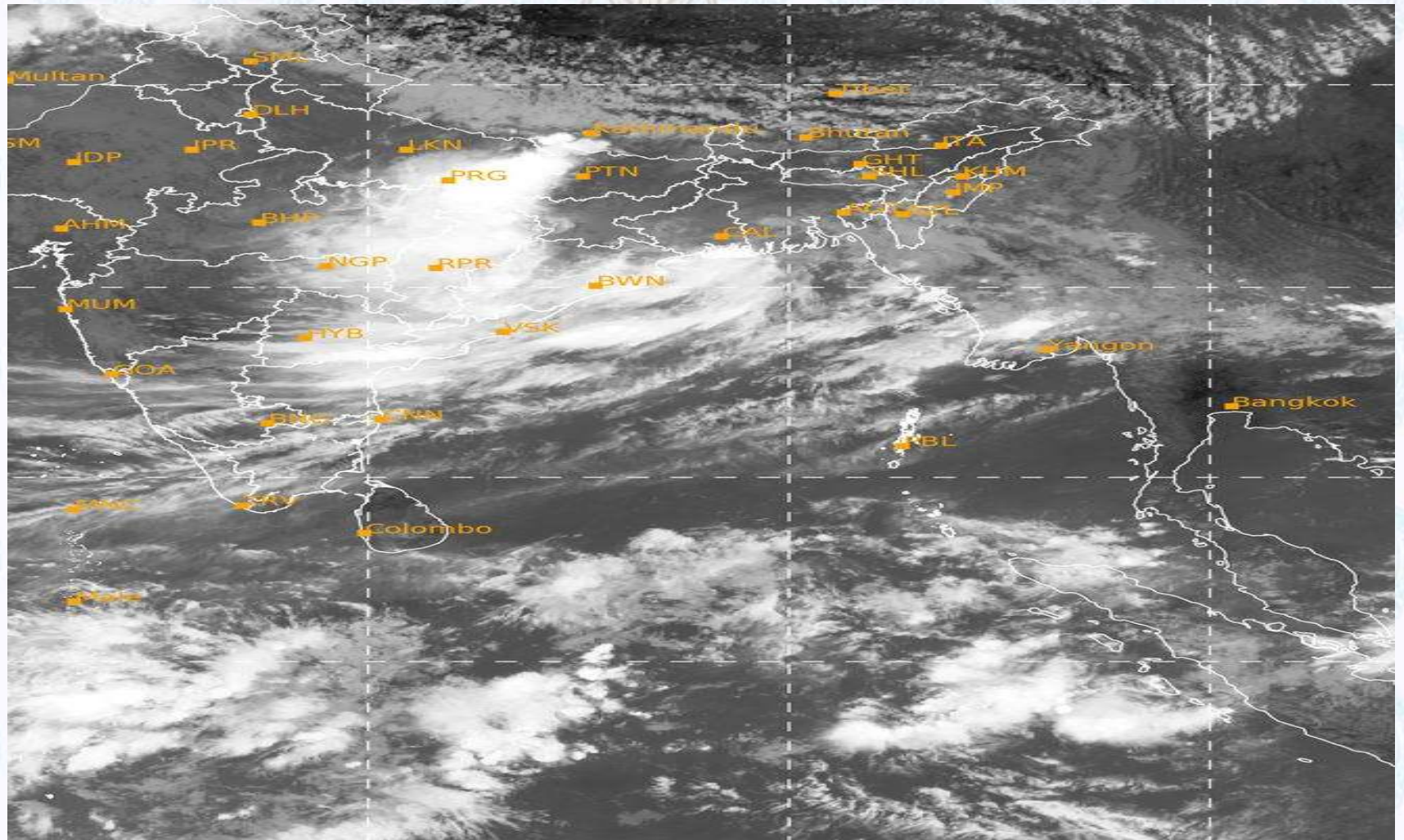
# GENERAL WEATHER FORECAST – KHULNA

Description	06 Sep 2020	07 Sep 2020	08 Sep 2020
<b>Temperature(C)</b>	34°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>	5h45m36s/18h13m42s	5h46m00s/18h12m48s	5h46m24s/18h11m54s
<b>Day Length</b>	12h28m06s	12h28m04s	12h28m36s
<b>Moon Rise/Set</b>	8:53PM 8:57AM	9:27PM 9:47AM	10:03PM 10:37 AM
<b>Moon Phase/illu</b>	Waning Gibbous, 84%	Waning Gibbous, 77%	Waning Gibbous, 77%
<b>Nautical Twilight</b>	04:57, 19:04	04:58, 19:03	04:58, 19:03
<b>Civil Twilight</b>	05:24, 18:36	05:24, 18:35	05:23, 18:35
<b>Humidity</b>	D : 74% N : 86%	D : 78% N : 86%	D : 75% N : 88%
<b>Barometer (mb)</b>	1005	1006	1006
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	80%	80%	80%
<b>Wind (mph)</b>	14 km/h SW	12 km/h SW	11 km/h SW

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



# SATELLITE VIEW OF BAY OF BENGAL



05/09/2020, 11:00 UTC MATSAT-IR

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







# Fleet Forecast Sea Area C-90 ( Valid for 12 Hrs Commencing 1000 UTC of 05.09.2020)

<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	<b>WEST/ SOUTH-WESTERLY, 08-12 KTS.</b>
	Visibility	04-06 KMS, REDUCING TO 2000 M OR LESS IN HAZE.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 05,0000 UTC. CHATTOGRAM =1008 HPA



# **Inland River Port Warning** **(VALID TILL 06 PM OF 05.09.2020)**

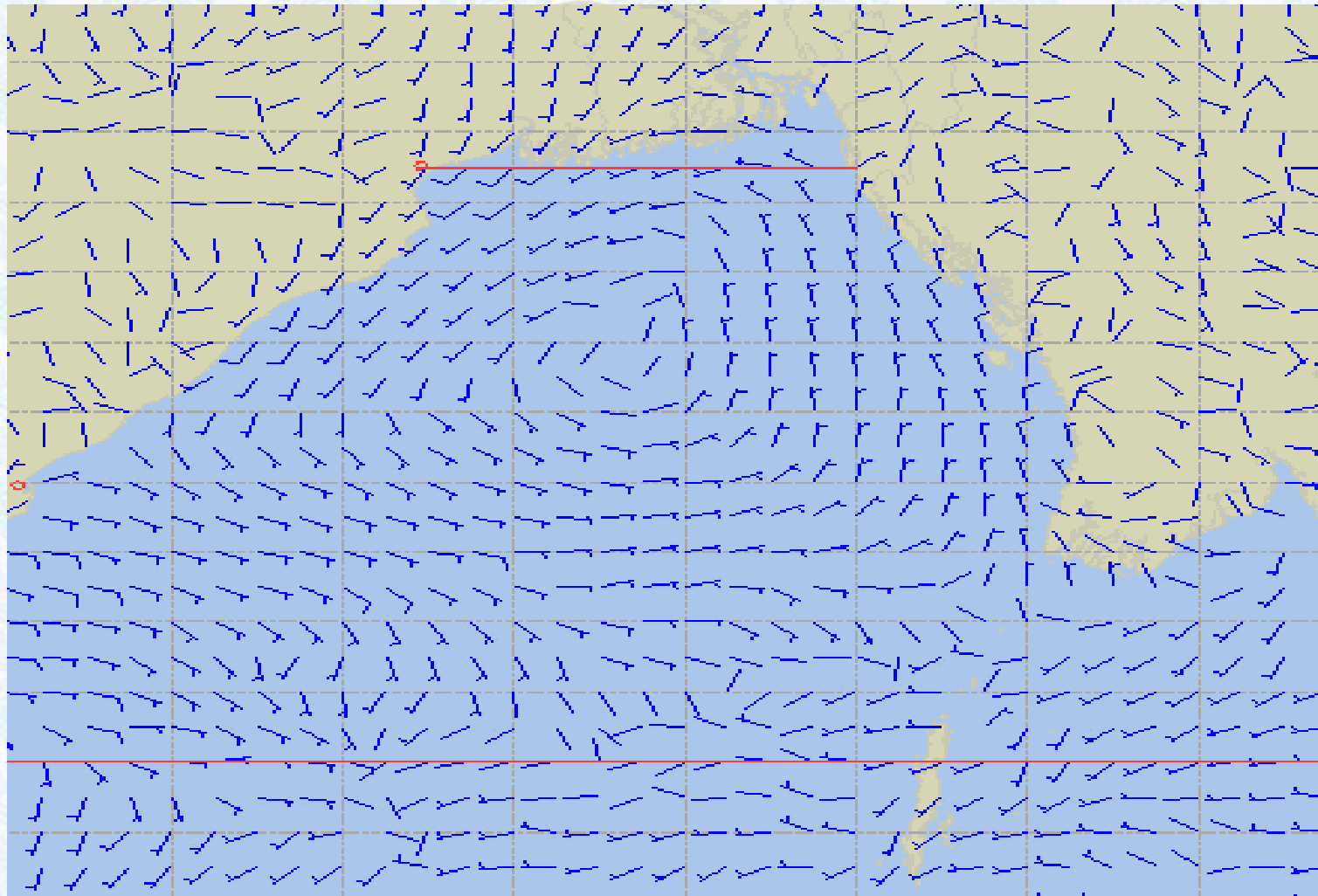
**INLAND RIVERPORTS WARNING VALID TILL 06 PM. OF 05.09.2020**  
**COMMENCING FROM 10.00 A.M OF TODAY:**

IN ASSOCIATION WITH RAIN/THUNDER SHOWERS  
TEMPORARY **S/SE'LY**, GUSTY/SQUALLY WIND SPEED **45-60** KPH IS  
LIKELY TO OCCUR OVER THE REGIONS OF TANGAIL, MYMENSINGH  
AND SYLHET WHEREIN RIVERPORTS SHALL HOIST CAUTIONARY  
SIGNAL NO. **ONE (R) ONE.**

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



# Surface Wind Forecast- 06 Sep- 2020



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



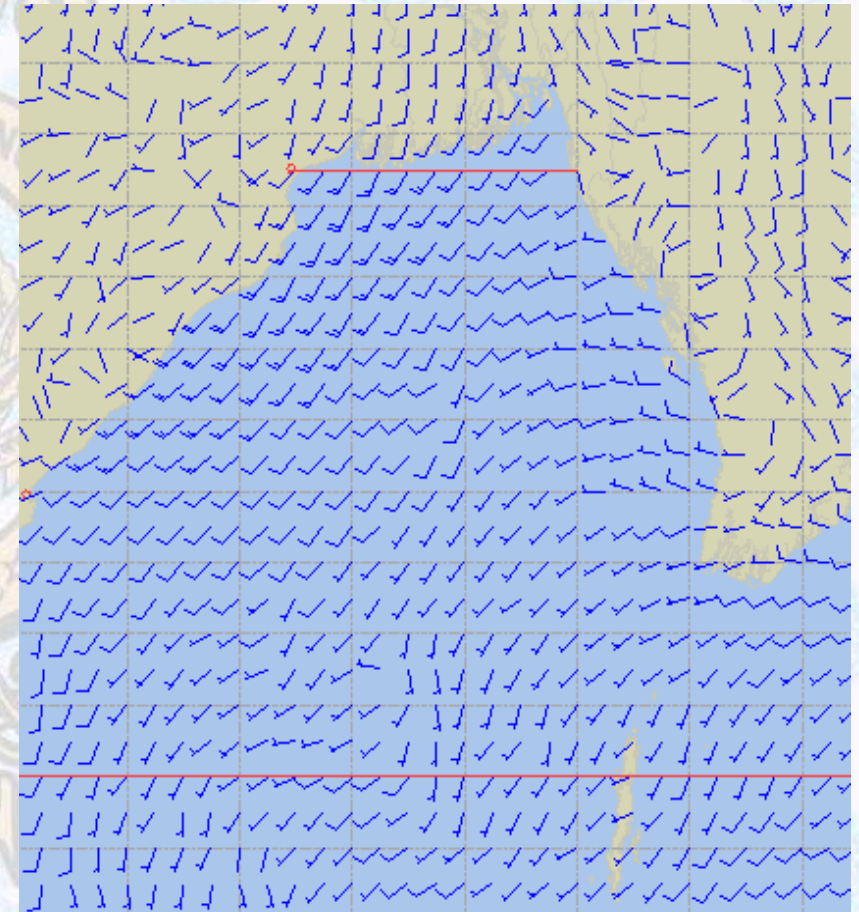
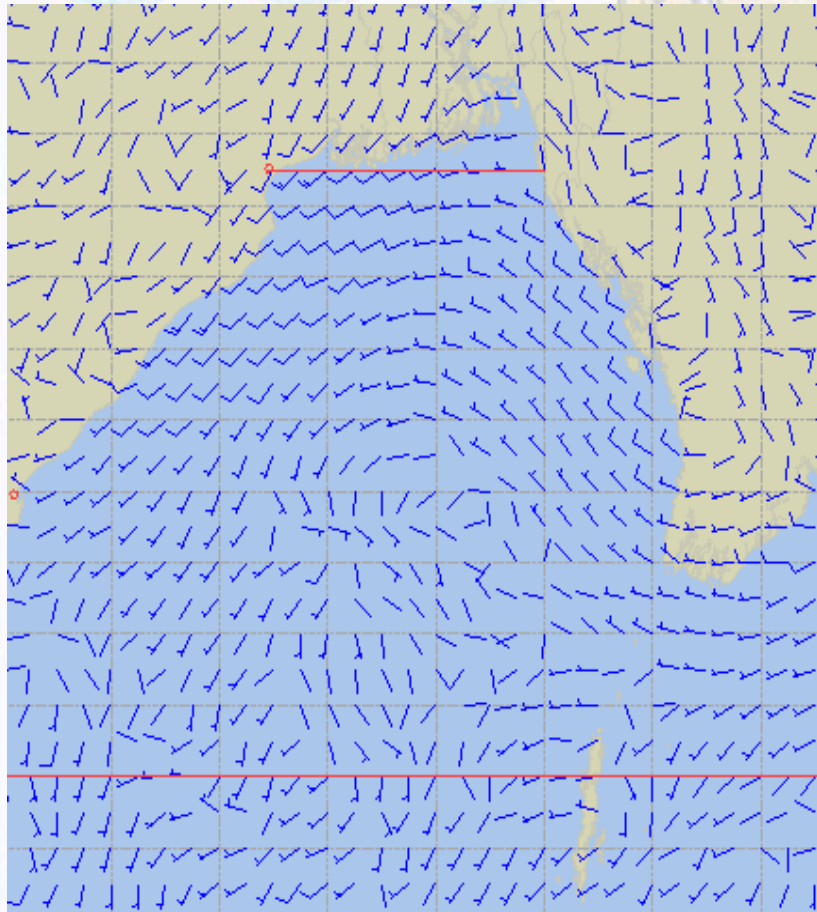
**60 Knots**



# Surface Wind Forecast – 07 & 08 Sep - 2020

07 Sep 20 Monday

08 Sep 20 Tuesday



**Legend:**



**Calm  
Winds**



**5 Knots**



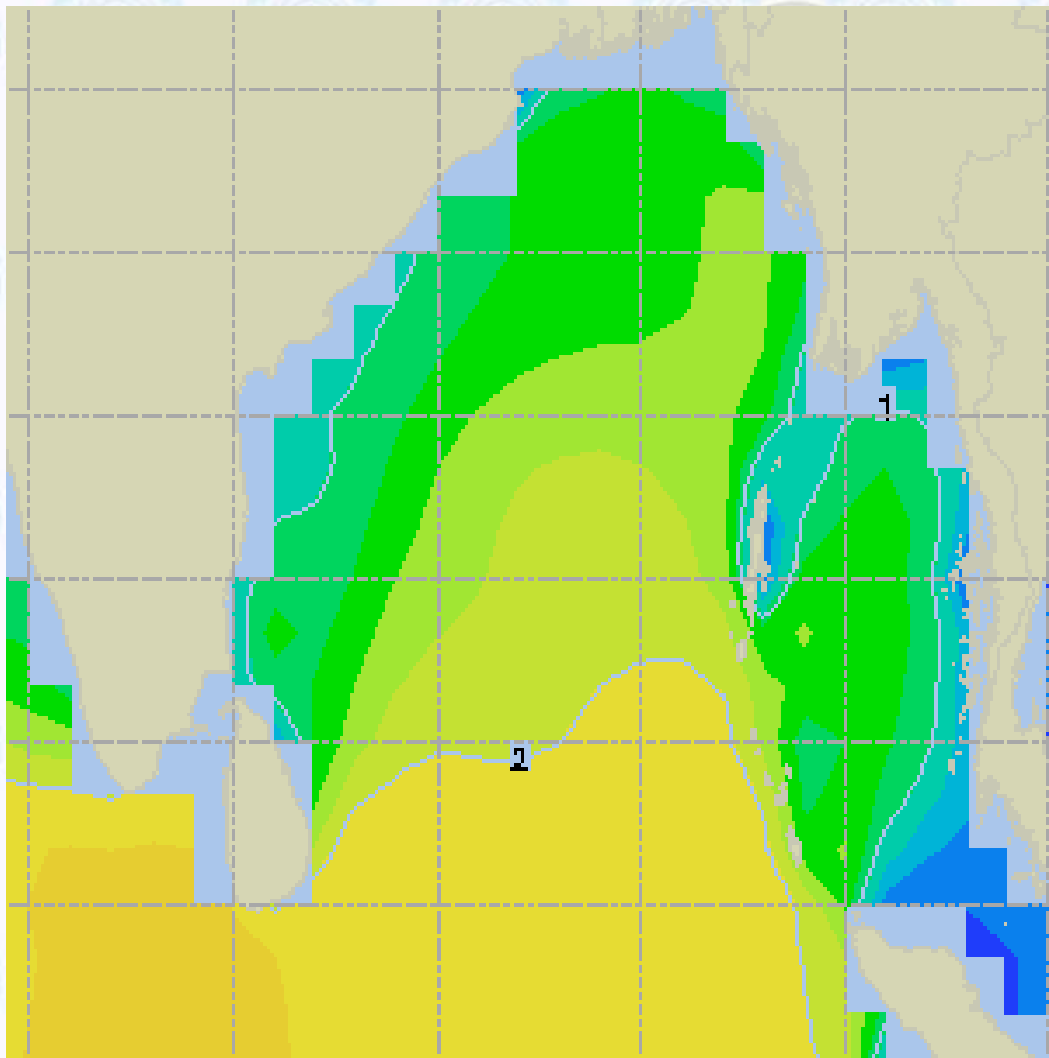
**10 Knots**



**60 Knots**



# Sea State Forecast – 06 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

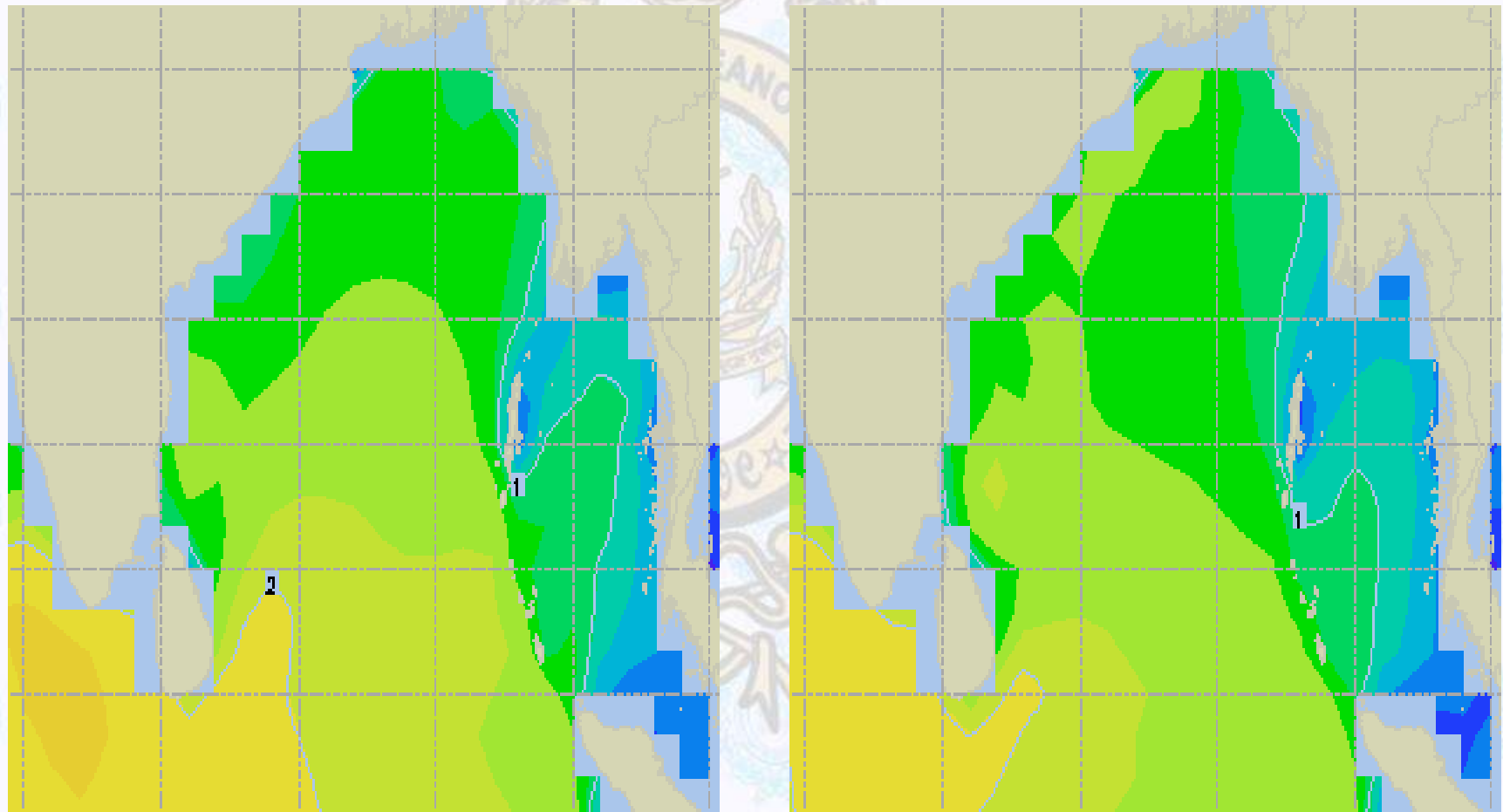




# Sea State Forecast – 07 & 08 Sep - 2020

07 Sep 20 Monday

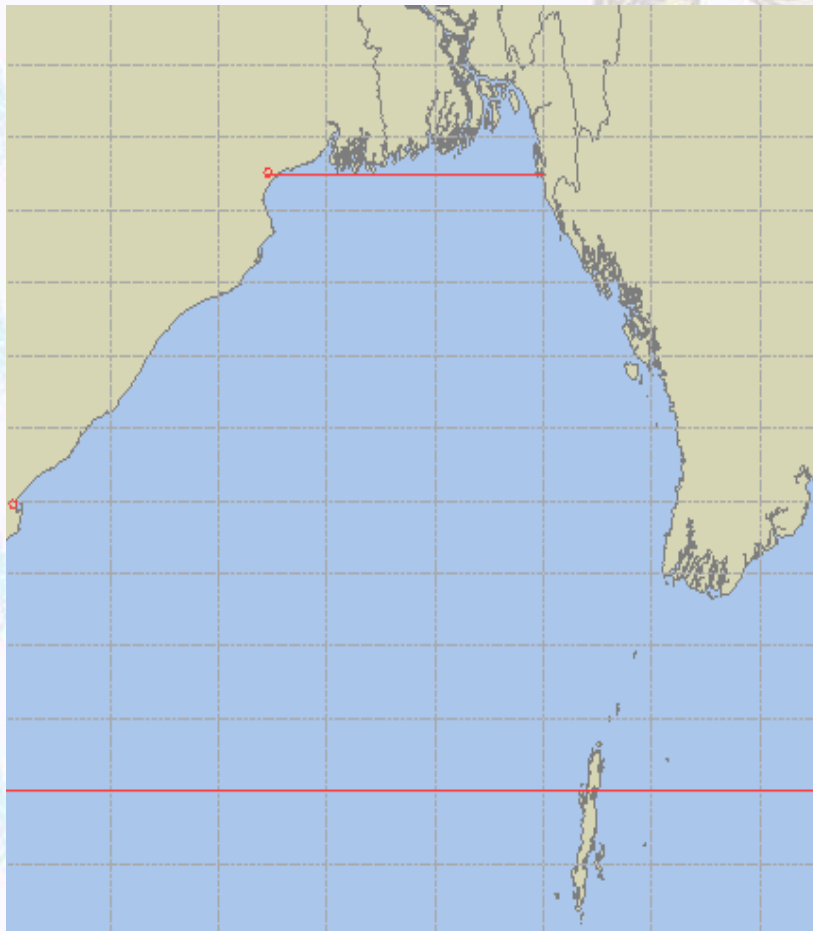
08 Sep 20 Tuesday



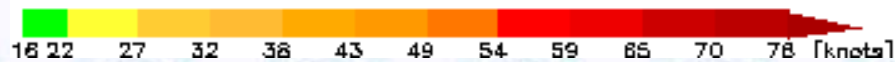
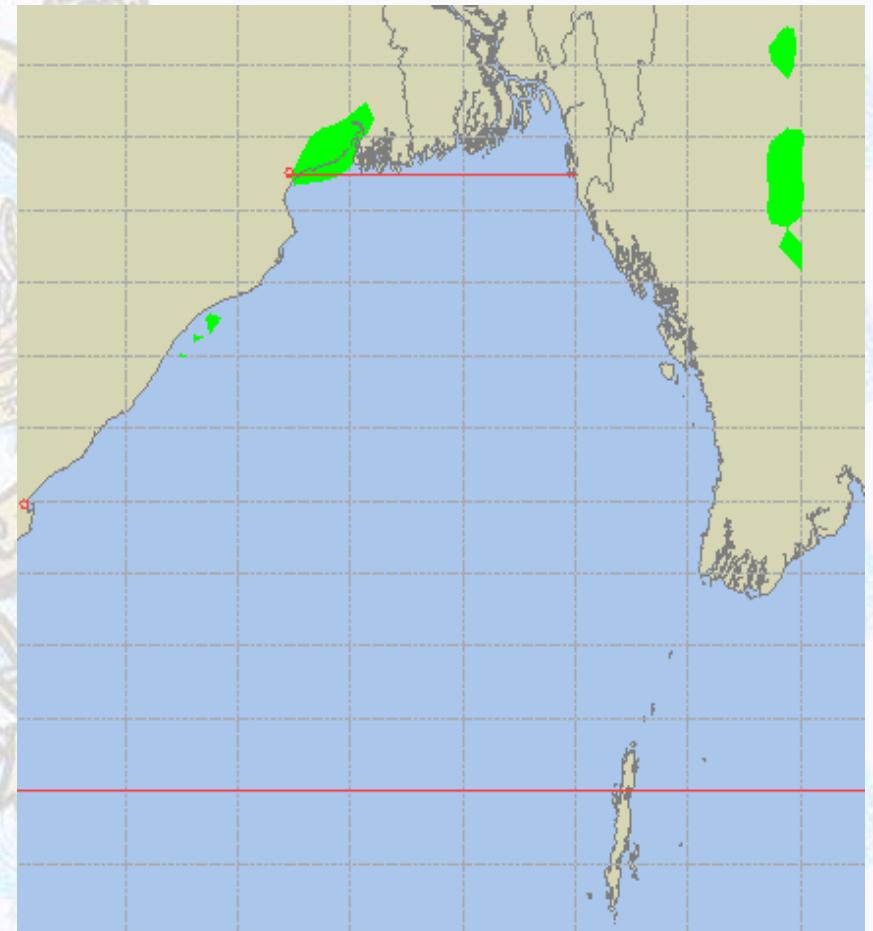


# Peak Gusting Possibilities— 06 & 07 Sep 2020

06 Sep 20 Sunday



07 Sep 20 Monday

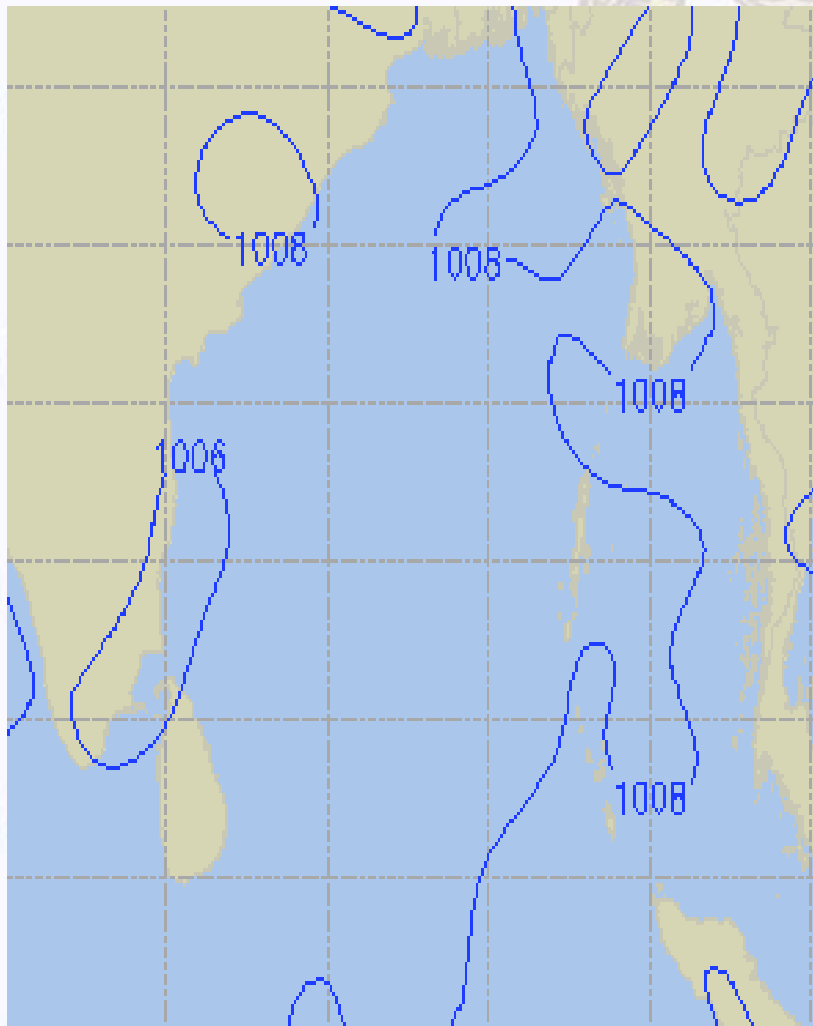




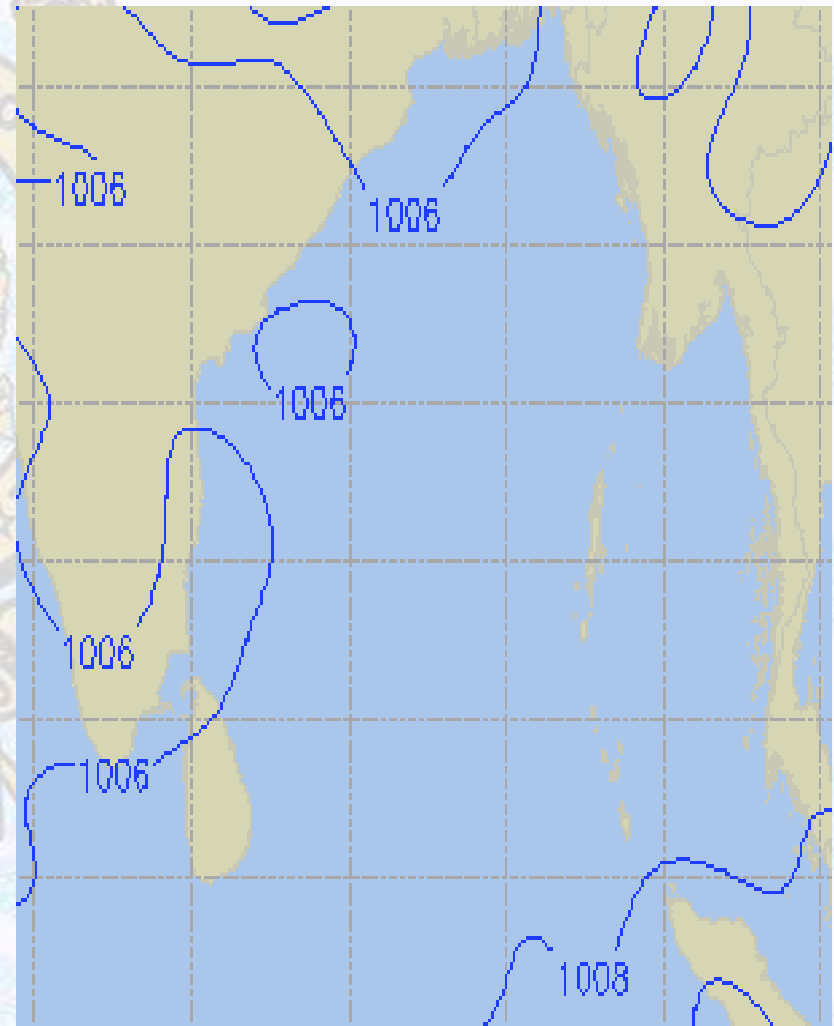


# Surface Pressure forecast– 06 & 07 Sep 2020

06 Sep 20 Sunday



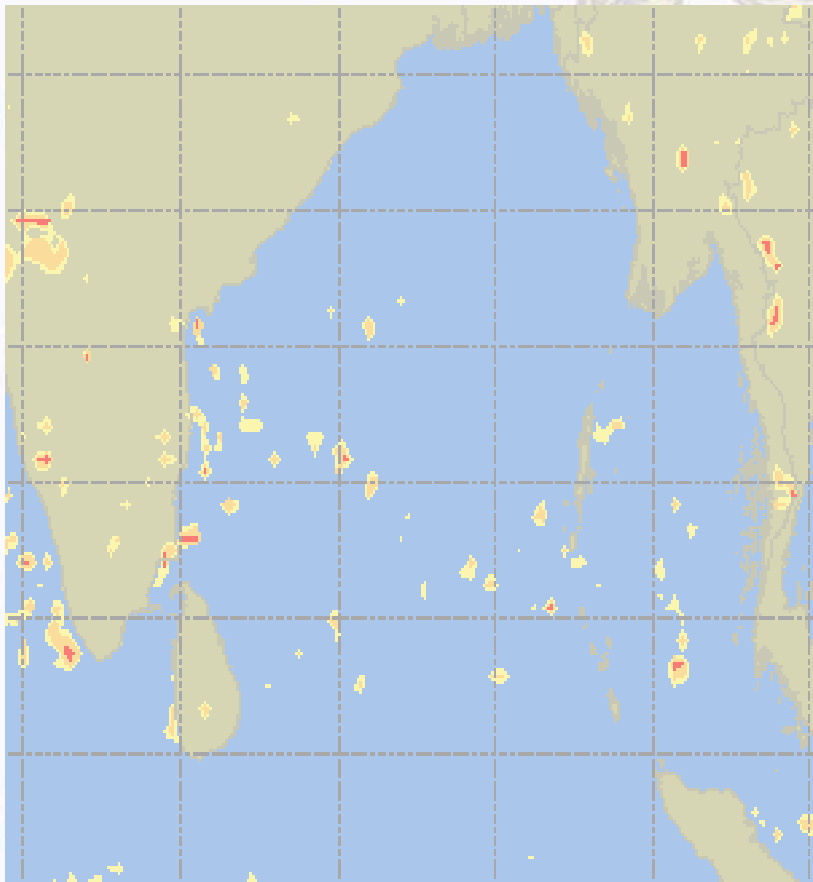
07 Sep 20 Monday



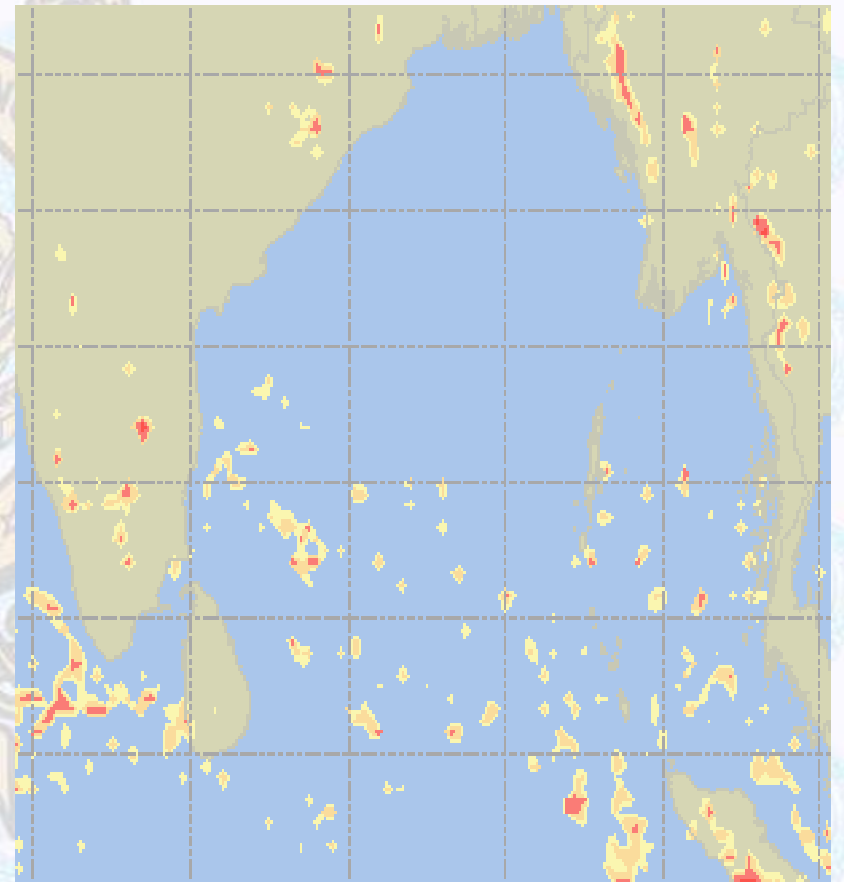


# Visibility at Sea Forecast – 06 & 07 Sep 2020

06 Sep 20 Sunday



07 Sep 20 Monday



**Visibility Scale:**

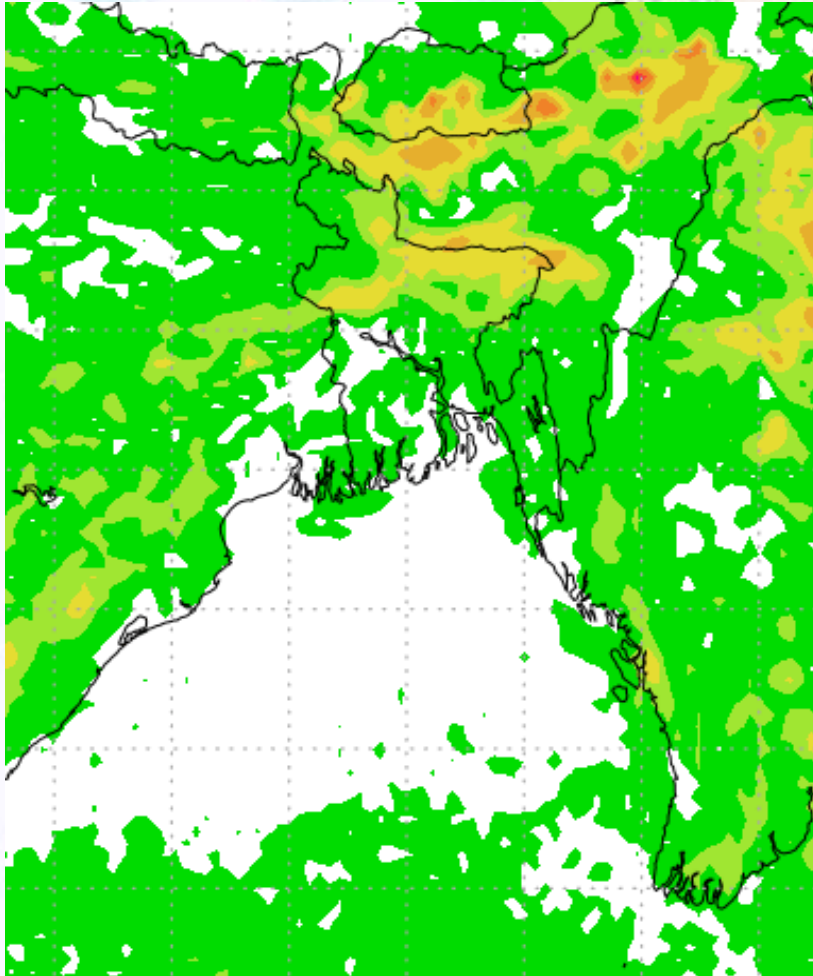


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

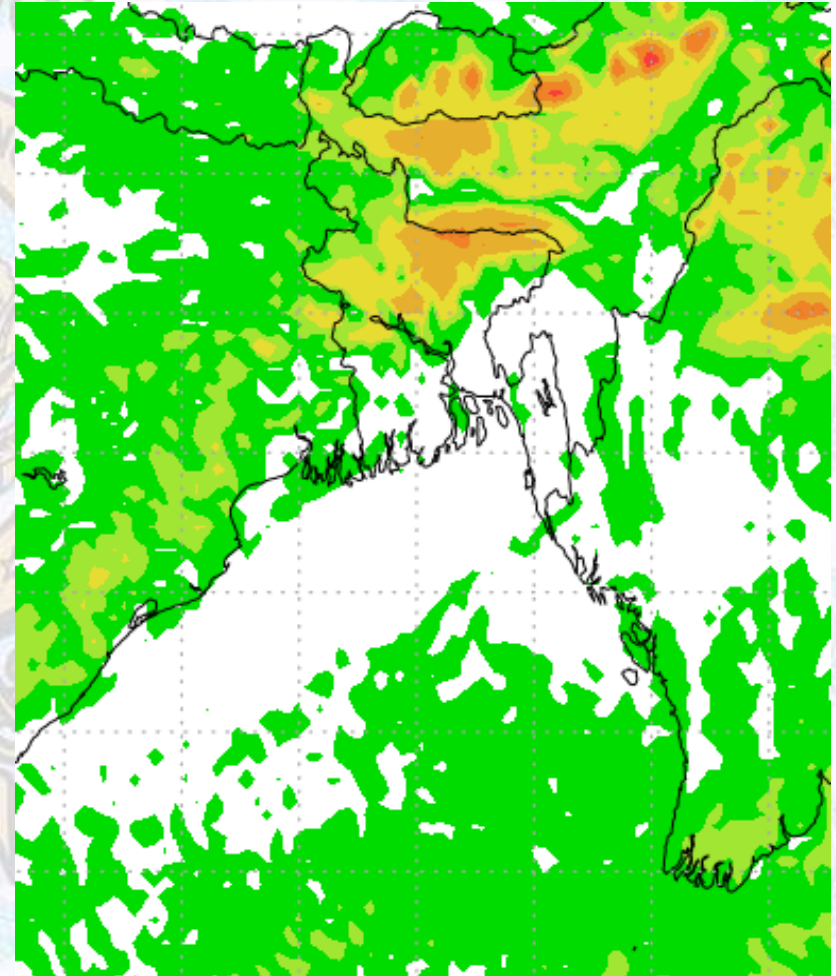


# Precipitation

Rain(mm) 06 & 07 Sep 2020



Rain(mm) 07 & 08 Sep 2020



Precipitation Scale (mm):





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

	Time	Height		Time	Height		Time	Height
06 Sep 2020	0255	5.26		0042	3.40		0023	3.22
	0919	0.66		0716	1.01		0637	1.04
	1506	5.26		1258	3.44		1230	3.17
	2134	0.61		1930	1.04		1849	0.96
07 Sep 2020	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
08 Sep 2020	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