



# WEATHER FORECAST FOR BN

*02 SEP- 05 SEP 2020*



# WEATHER FORECAST – DHAKA

## 02.09.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	32 / 25	32 / 25	29 / 25	28 / 25
Wind	10 km/h SSE	11 km/h SSE	7 km/h S	5 km/h S
Humidity	65%	67%	79%	84%
Chance of Precip	35%	13%	6%	8%
Cloud Cover	50%	35%	47%	48%
Conditions	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sunrise Sunset	5: 40 AM 18: 15 PM			

### Conditions

Pressure : 1009 hpa

Visibility : 4.02 km

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



# WEATHER FORECAST – CHATTOGRAM

## 02.09.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31 / 26	30 / 26	28 / 26	27 / 26
Wind	15 km/h SW	12 km/h SW	5 km/h SSW	3 km/h ESE
Humidity	76%	82%	89%	91%
Chance of Precip.	16%	14%	23%	19%
Cloud Cover	59%	44%	51%	51%
Conditions	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy/ Light Rain
Sunrise Sunset	5: 36 AM 18: 08 PM			

### Conditions

Pressure : 1009 hpa

Visibility : 16.09 Km

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



# WEATHER FORECAST – KHULNA

## 02.09.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	32 / 27	31 / 27	28 / 27	28 / 27
Wind	14 km/h SSE	12 km/h SSE	6 km/h SSE	3 km/h SE
Humidity	77%	80%	90%	94%
Chance of Precip.	91%	40%	11%	13%
Cloud Cover	75%	50%	28%	45%
Conditions	Partly Cloudy	Partly Cloudy	Partly Cloudy/ Light Rain	Partly Cloudy/ Light Rain
Sunrise Sunset	5: 44 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	03 Sep 2020	04 Sep 2020	05 Sep 2020
<b>Temperature (C)</b>	33 °C/ 27 °C	34 °C/ 27 °C	34 °C/ 27 °C
<b>Summary</b>	Partly Cloudy	Partly Cloudy	Partly Cloudy
<b>Sun Rise/Set</b>	5h40m48s/18h13m54s	5h41m00s/18h12m48s	5h41m12s/18h11m42s
<b>Day Length</b>	12h33m06s	12h31m48s	12h30m30s
<b>Moon Rise/ Set</b>	7:12AM 6:23PM	7:44AM 7:14PM	8:15AM 8:04PM
<b>Moon Phase/ illu</b>	Full Moon, 98%	Waning Gibbous, 95%	Waning Gibbous, 91%
<b>NauticalTwilight</b>	04:51,19:04	04:51,19:03	04:52,19:02
<b>Civil Twilight</b>	05:18,18:37	05:18,18:36	05:19,18:35
<b>Humidity</b>	D : 70%    N : 81%	D : 68%    N : 79%	D : 70%    N : 80%
<b>Barometer (mb)</b>	1009	1009	1006
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	20%	20%	50%
<b>Wind (mph)</b>	7 Km/h SSW	8 Km/h WSW	10 Km/h SW

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



# GENERAL WEATHER FORECAST– CHATTOGRAM

Description	03 Sep 2020	04 Sep 2020	05 Sep 2020
<b>Temperature (C)</b>	32 °C/ 26 °C	32 °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>	5h36m06s/18h07m12s	5h36m18s/18h06m12s	5h36m24s/18h05m06s
<b>Day Length</b>	12h31m06s	12h29m54s	12h28m42s
<b>Moon Rise/ Set</b>	7:05AM 6:18PM	7:38AM 7:09PM	8:10AM 7:58PM
<b>Moon Phase/ illu</b>	Full Moon, 99%	Waning Gibbous, 95%	Waning Gibbous, 91%
<b>NauticalTwilight</b>	04:47, 18:57	04:47, 18:56	04:48, 18:56
<b>Civil Twilight</b>	05:13, 18:330	05:14, 18:330	05:14, 18:329
<b>Humidity</b>	D : 80% N : 92%	D : 80% N : 90%	D : 80% N : 90%
<b>Barometer (mb)</b>	1010	1010	1007
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	20%	20%	30%
<b>Wind (mph)</b>	9 Km/h WNW	9 Km/h WNW	9 Km/h WSW

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



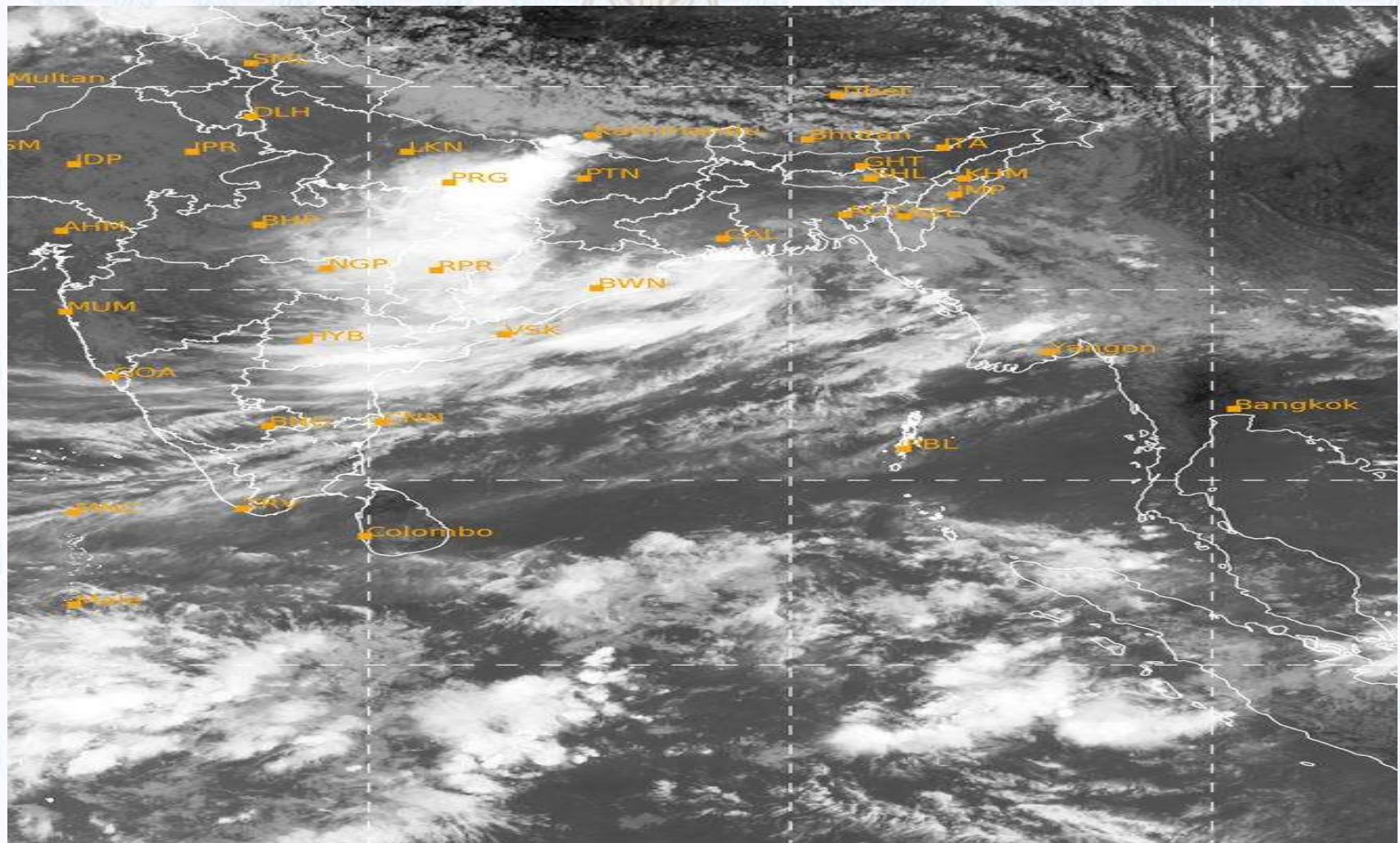
# GENERAL WEATHER FORECAST – KHULNA

Description	03 Sep 2020	04 Sep 2020	05 Sep 2020
<b>Temperature(C)</b>	33°C/ 26°C	34°C/ 27°C	34°C/ 27°C
<b>Summary</b>	Partly Cloudy	Partly Cloudy	Partly Cloudy
<b>Sun Rise/Set</b>	5h44m54s/18h16m42s	5h45m06s/18h15m36s	5h45m12s/18h14m30s
<b>Day Length</b>	12h31m48s	12h30m30s	12h29m18s
<b>Moon Rise/Set</b>	7:16AM 6:28PM	7:48AM 7:19PM	8:20AM 8:08PM
<b>Moon Phase/illu</b>	Full Moon, 98%	Waning Gibbous, 95%	Waning Gibbous, 91%
<b>Nautical Twilight</b>	04:56, 19:06	04:56, 19:05	04:57, 19:05
<b>Civil Twilight</b>	05:22, 18:39	05:22, 18:38	05:23, 18:37
<b>Humidity</b>	D : 75%    N : 87%	D : 71%    N : 83%	D : 73%    N : 84%
<b>Barometer (mb)</b>	1009	1009	1006
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	20%	20%	40%
<b>Wind (mph)</b>	8 km/h S	9 km/h WSW	12 km/h SW

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



# SATELLITE VIEW OF BAY OF BENGAL



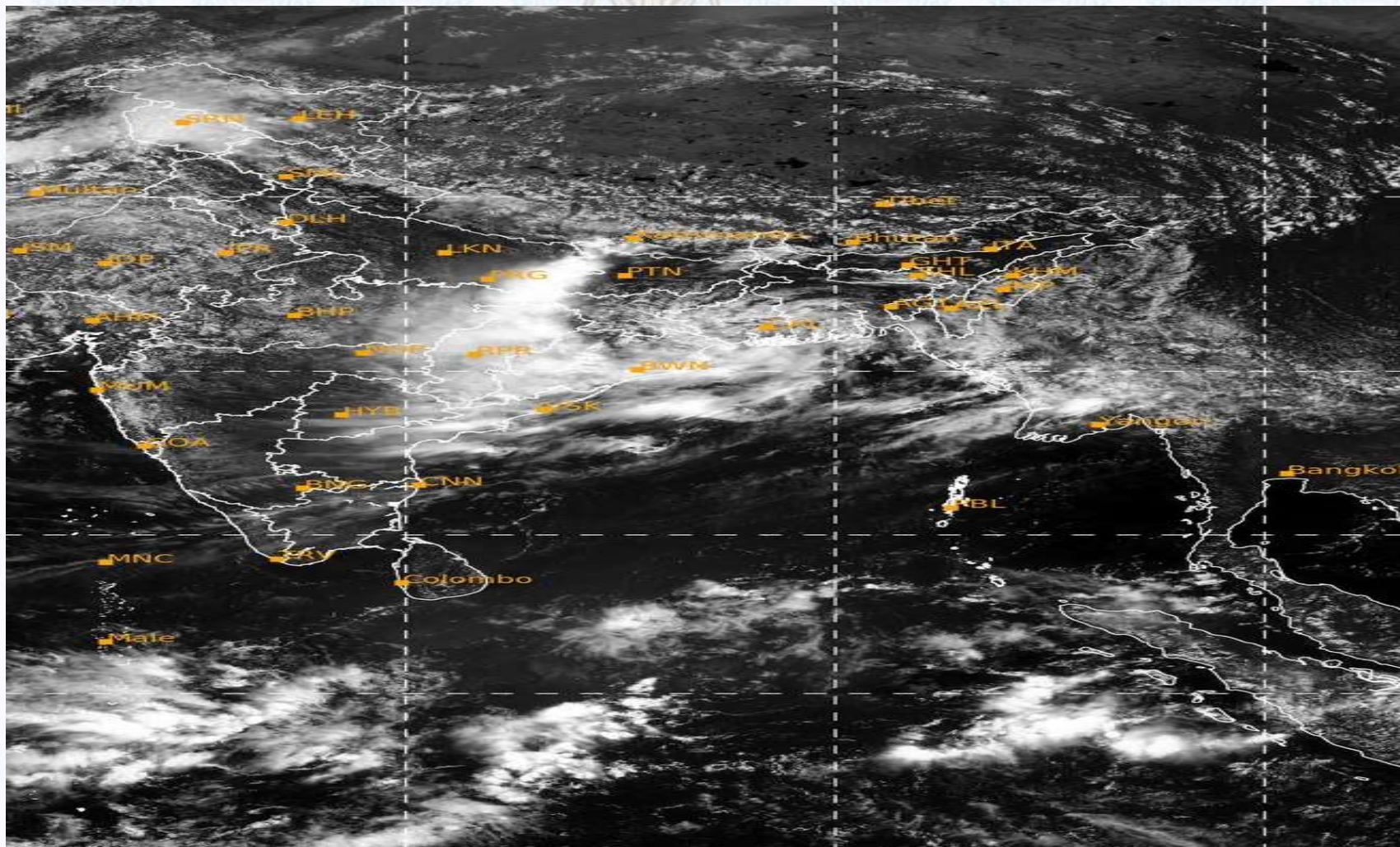
02/09/2020, 11:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



02/09/2020, 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 02.09.2020)

<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-WESTERLY, 10-12 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 = 02,0000 UTC. CHATTOGRAM =1009 HPA



# Inland River Port Warning (VALID TILL 06 PM OF 02.09.2020)

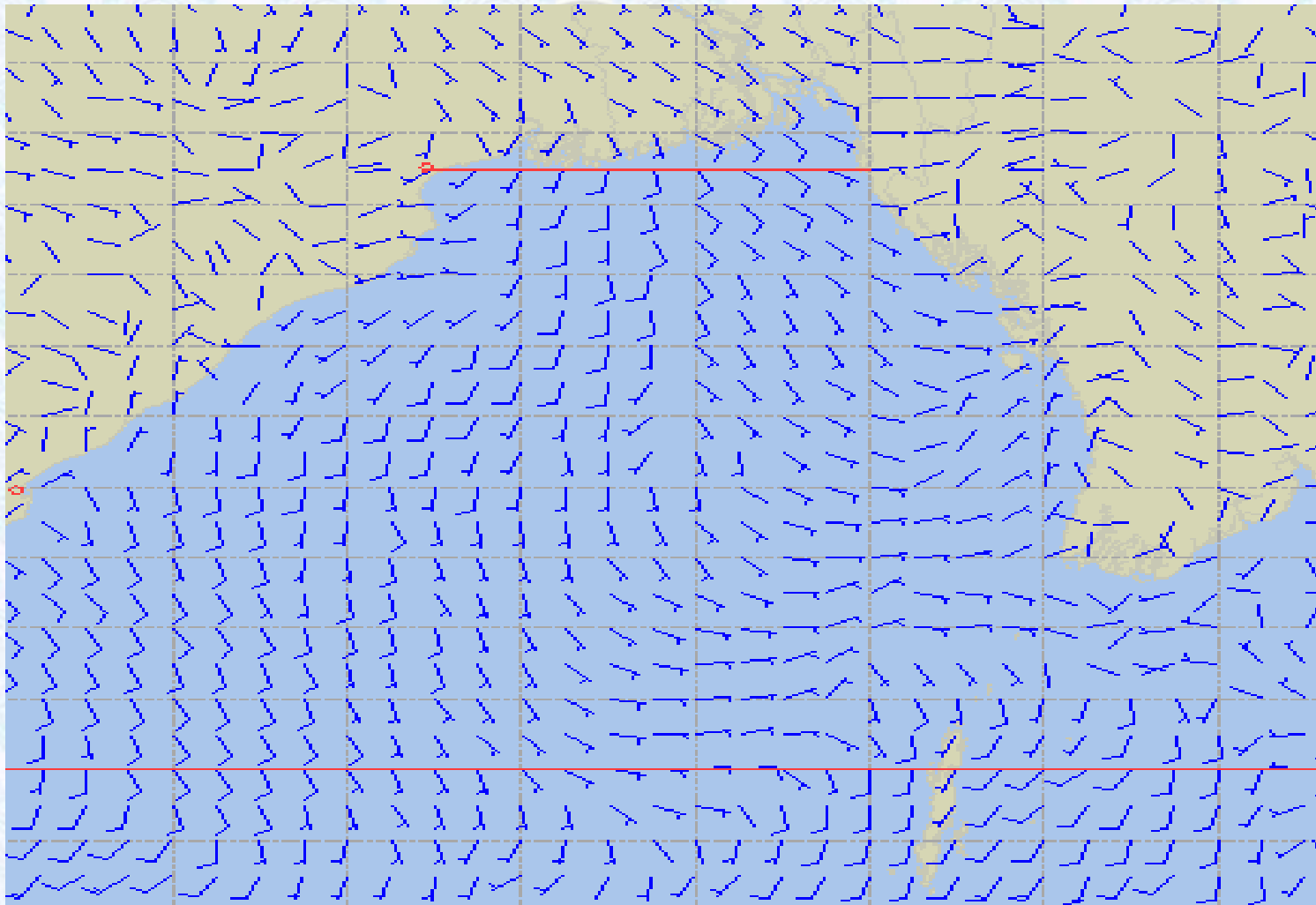
THERE IS NO INLAND RIVERPORT WARNING AND NO SIGNAL IS TO BE HOISTED.



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



# Surface Wind Forecast- 03 Sep- 2020



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



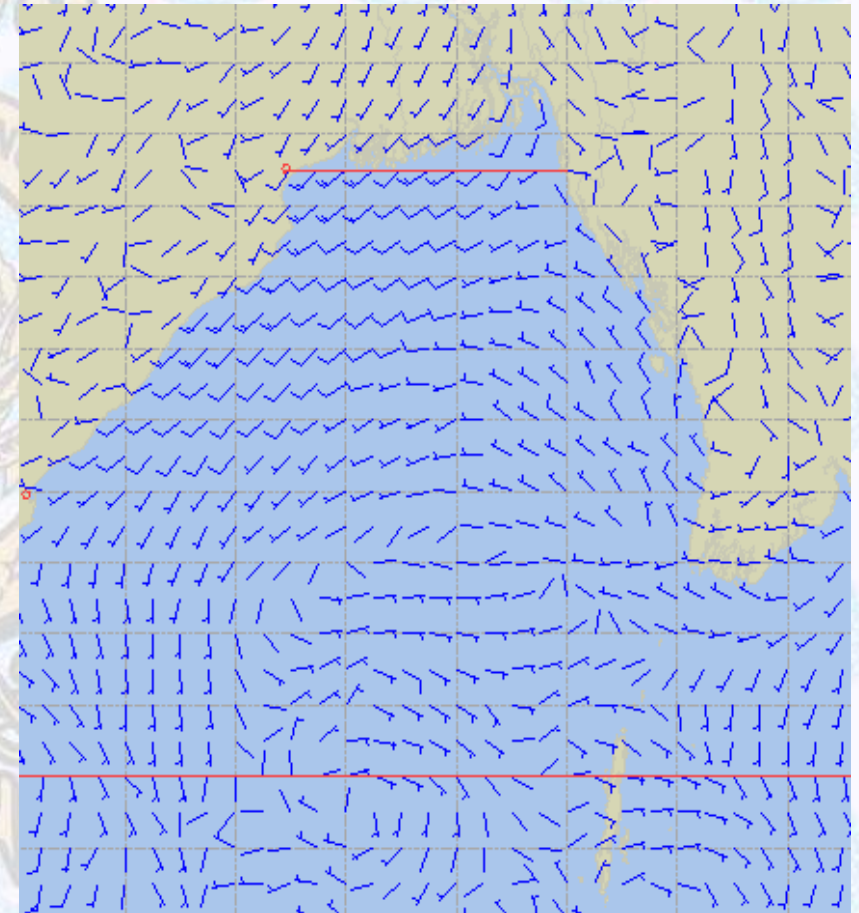
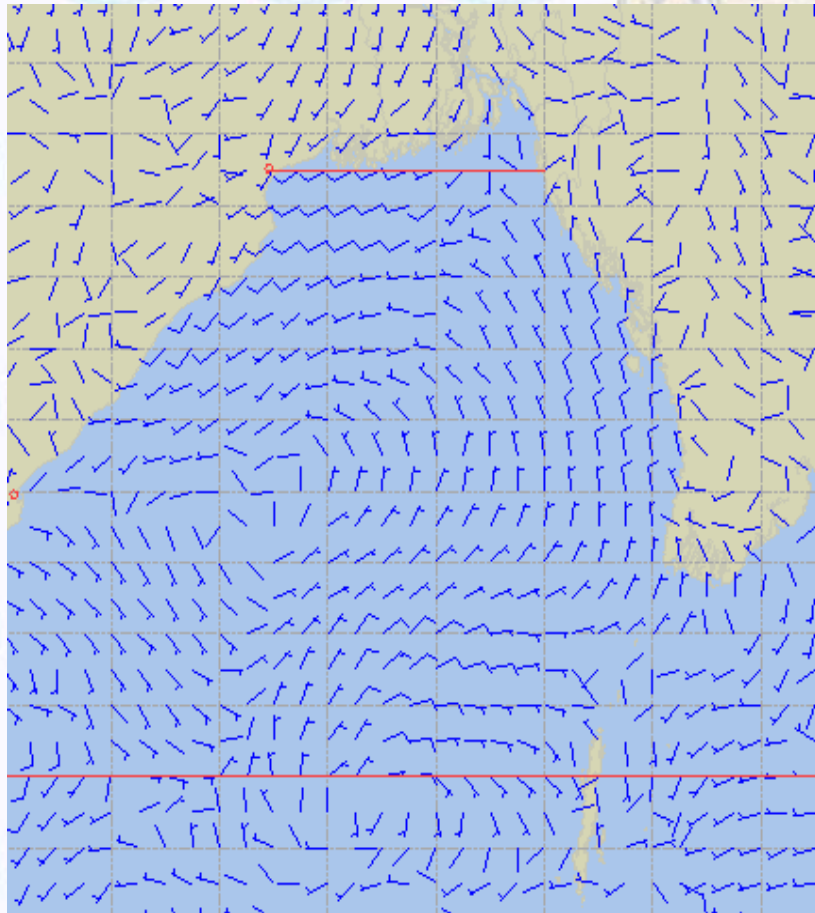
**60 Knots**



# Surface Wind Forecast – 04 & 05 Sep - 2020

04 Sep 20 Friday

05 Sep 20 Saturday



**Legend:**



**Calm  
Winds**



**5 Knots**



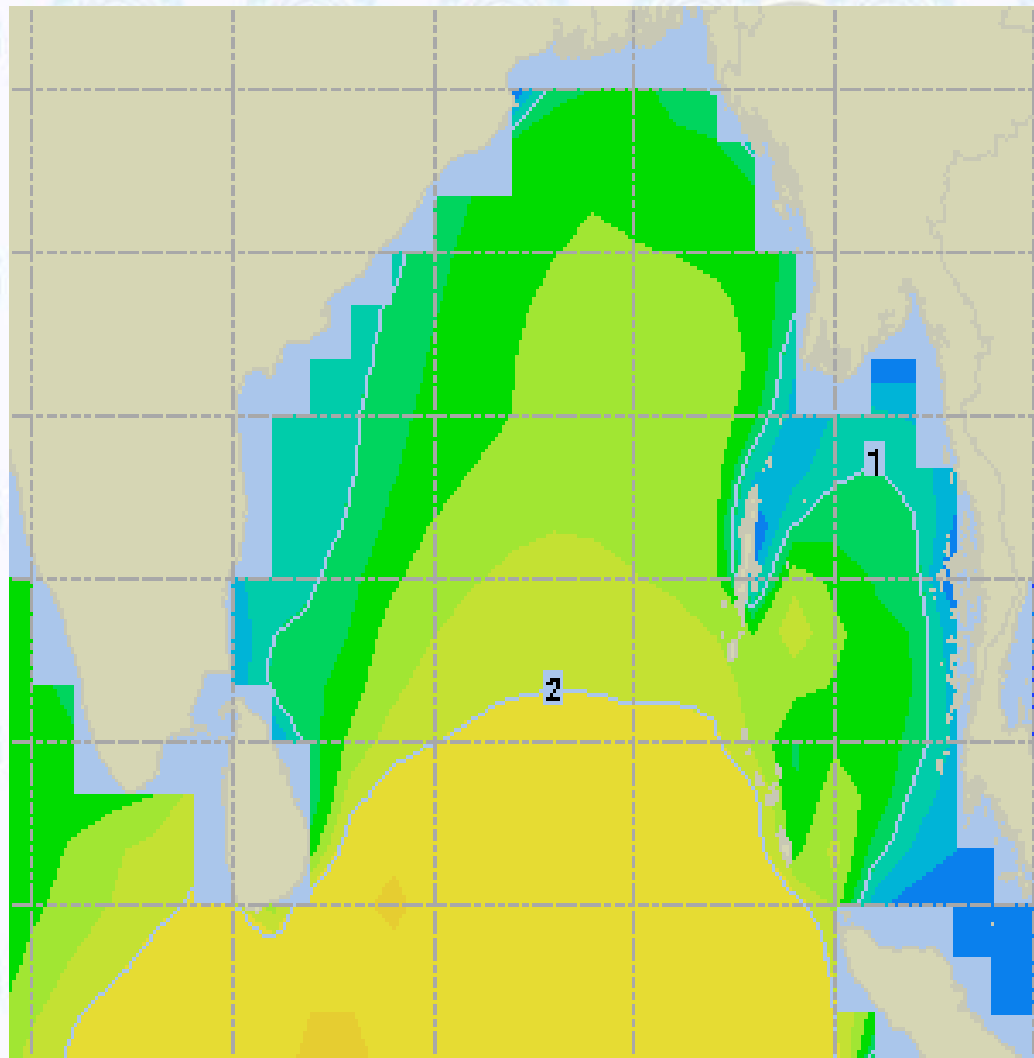
**10 Knots**



**60 Knots**



# Sea State Forecast – 03 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

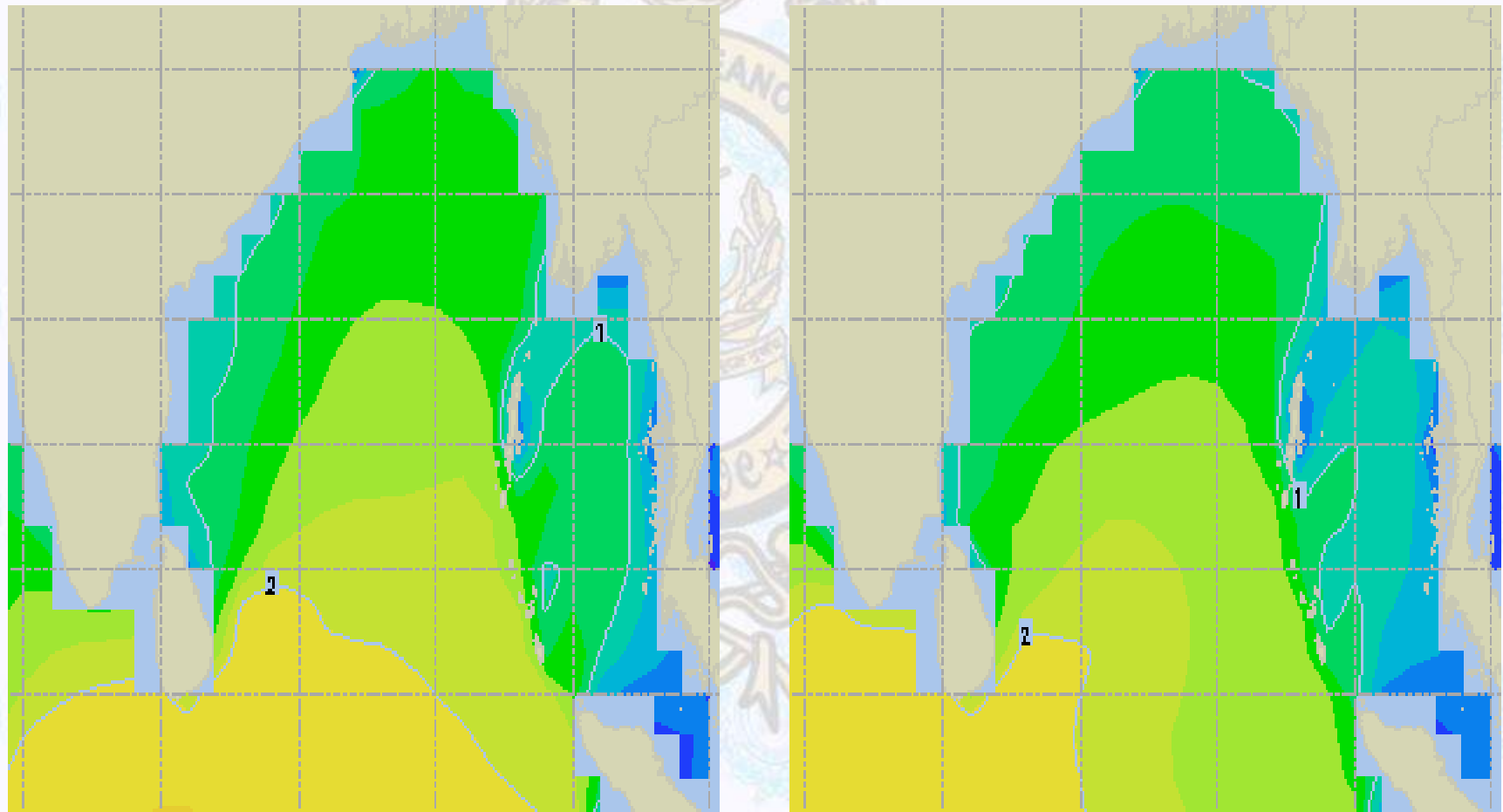




# Sea State Forecast – 04 & 05 Sep - 2020

04 Sep 20 Friday

05 Sep 20 Saturday

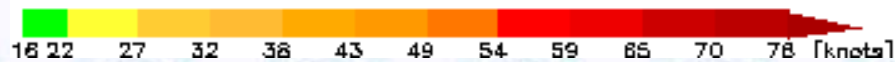
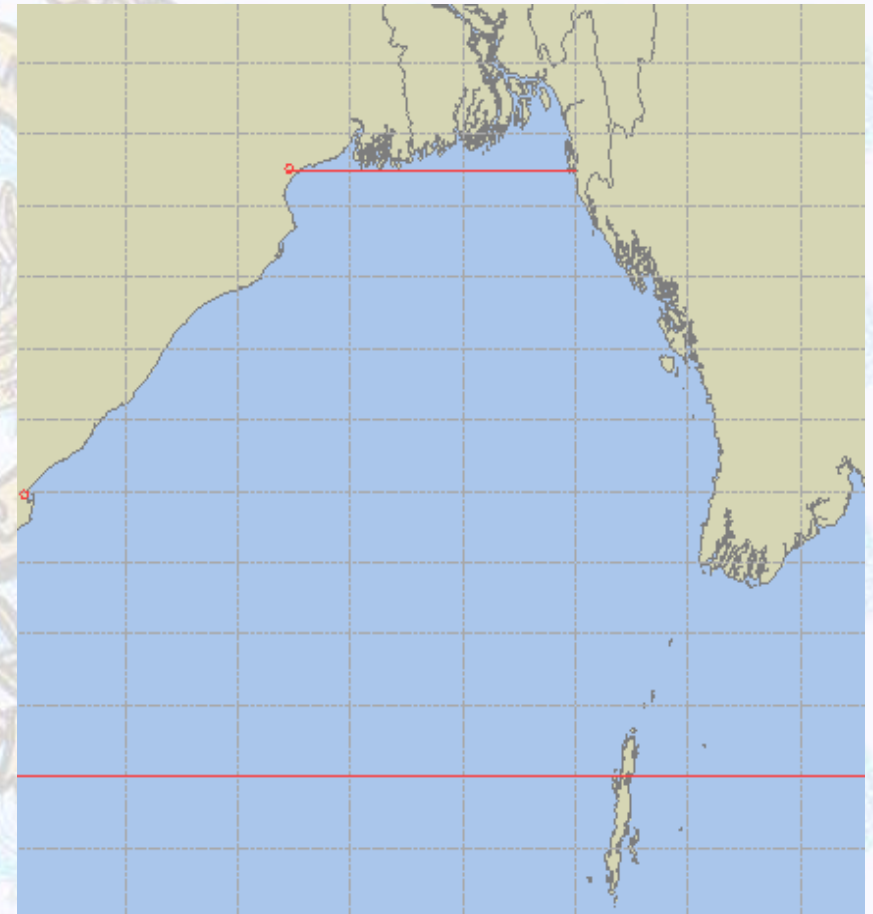
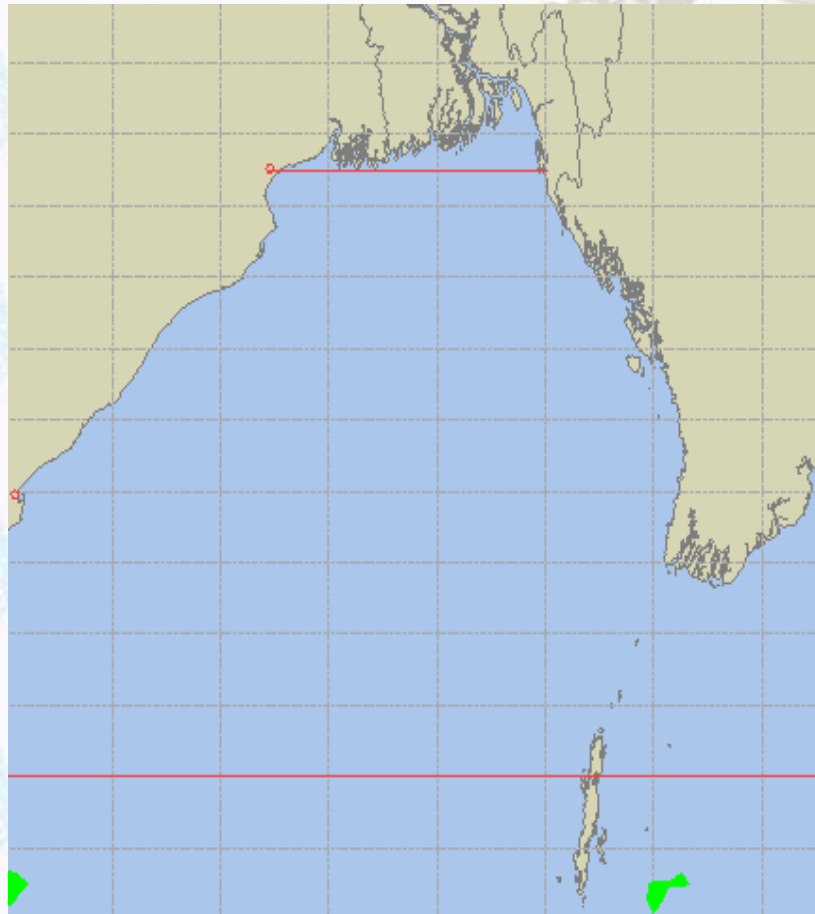




# Peak Gusting Possibilities— 03 & 04 Sep 2020

03 Sep 20 Thursday

04 Sep 20 Friday

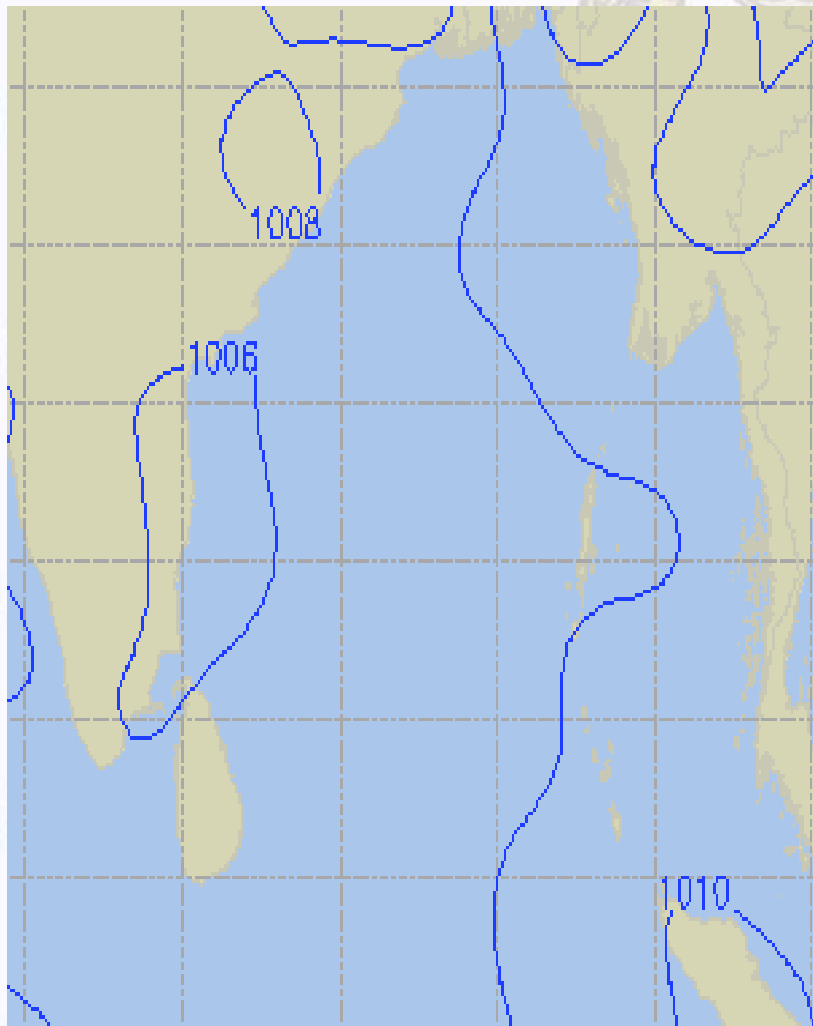




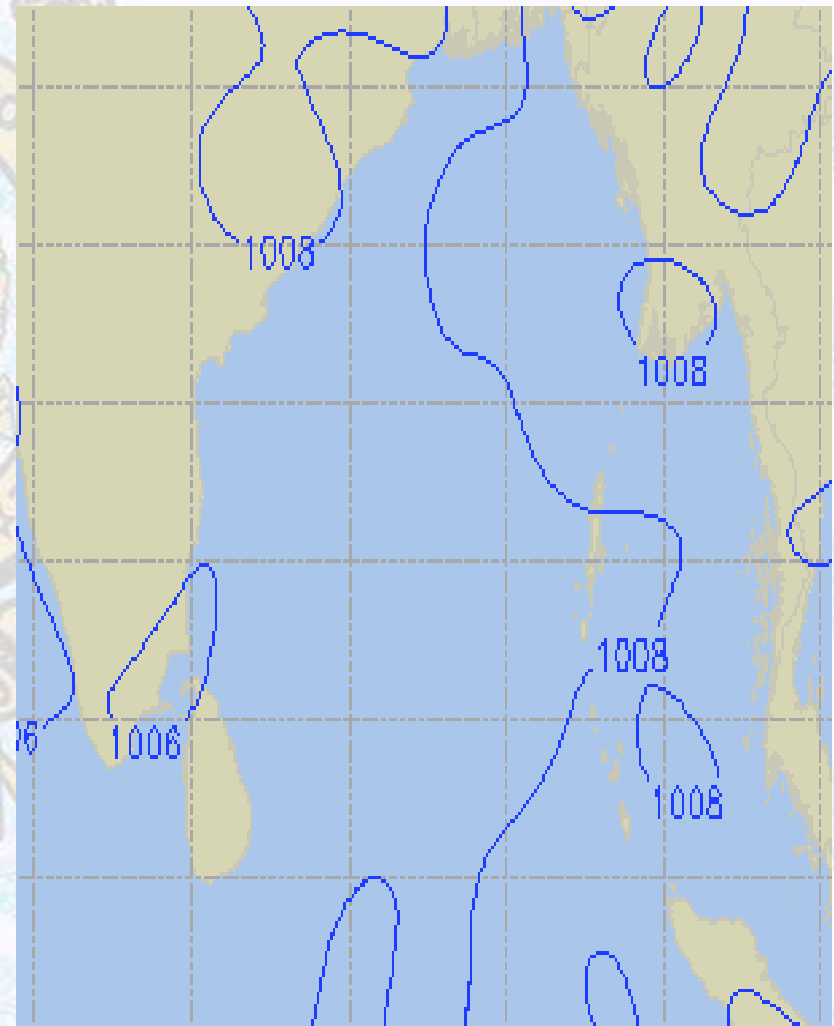


# Surface Pressure forecast– 03 & 04 Sep 2020

03 Sep 20 Thursday



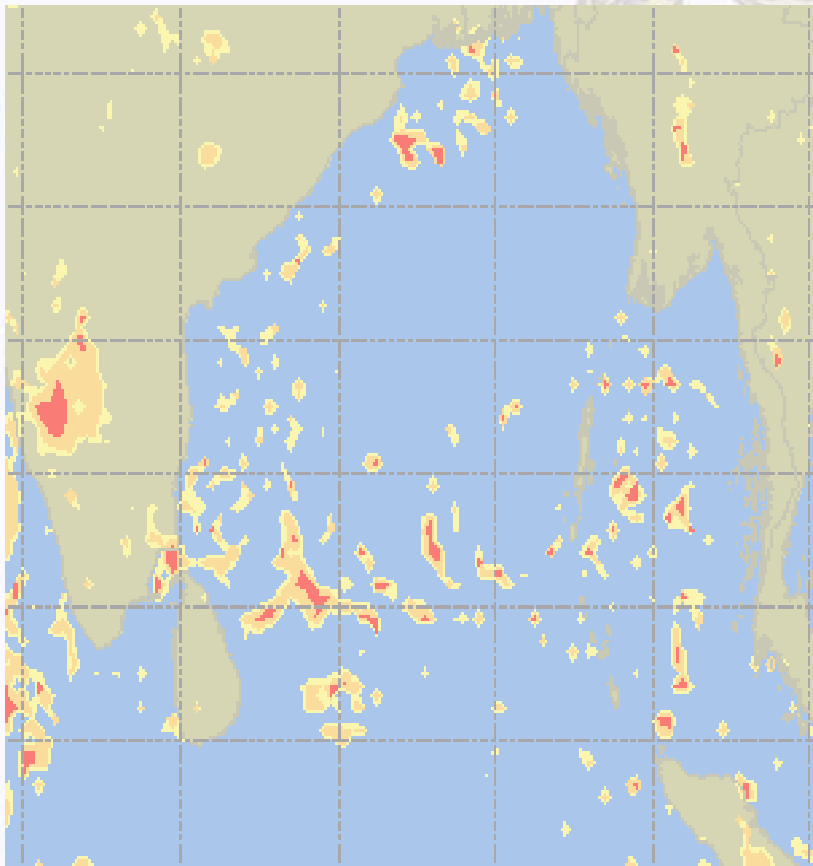
04 Sep 20 Friday



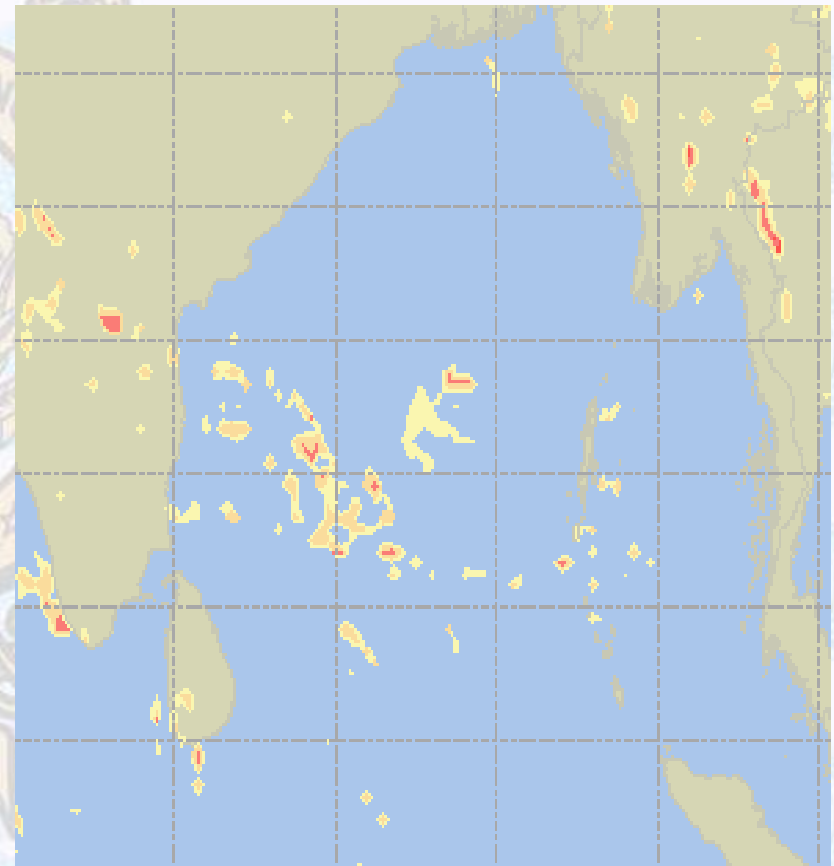


# Visibility at Sea Forecast – 03 & 04 Sep 2020

03 Sep 20 Thursday



04 Sep 20 Friday



**Visibility Scale:**

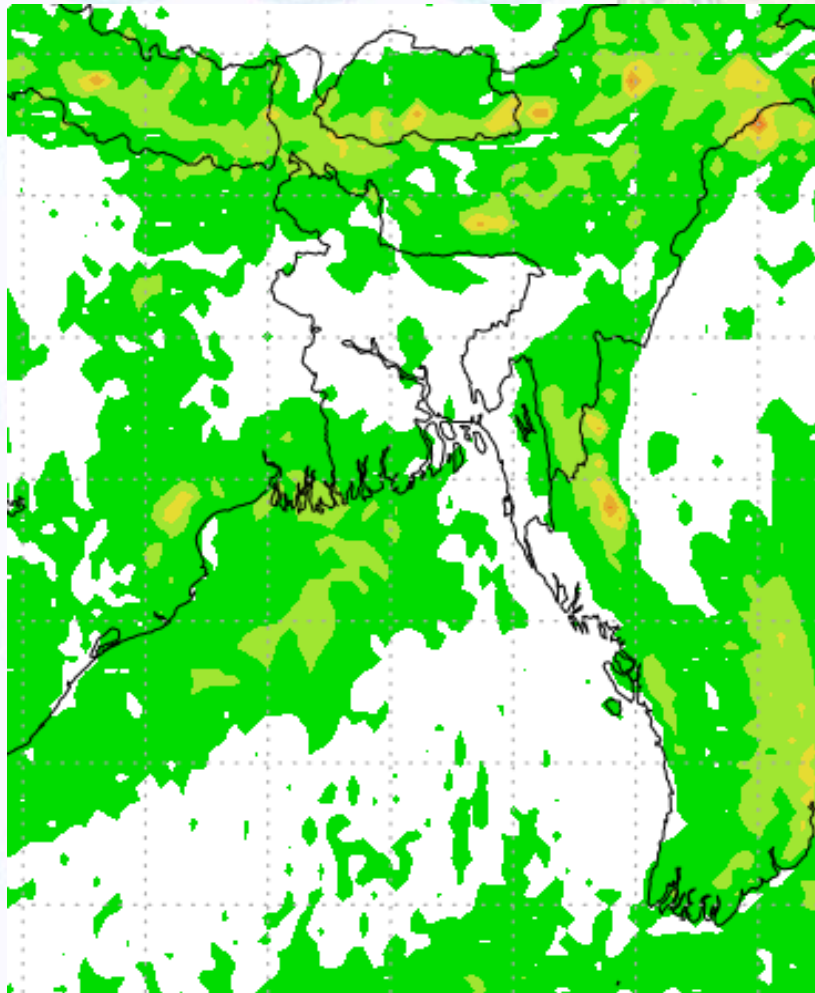


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

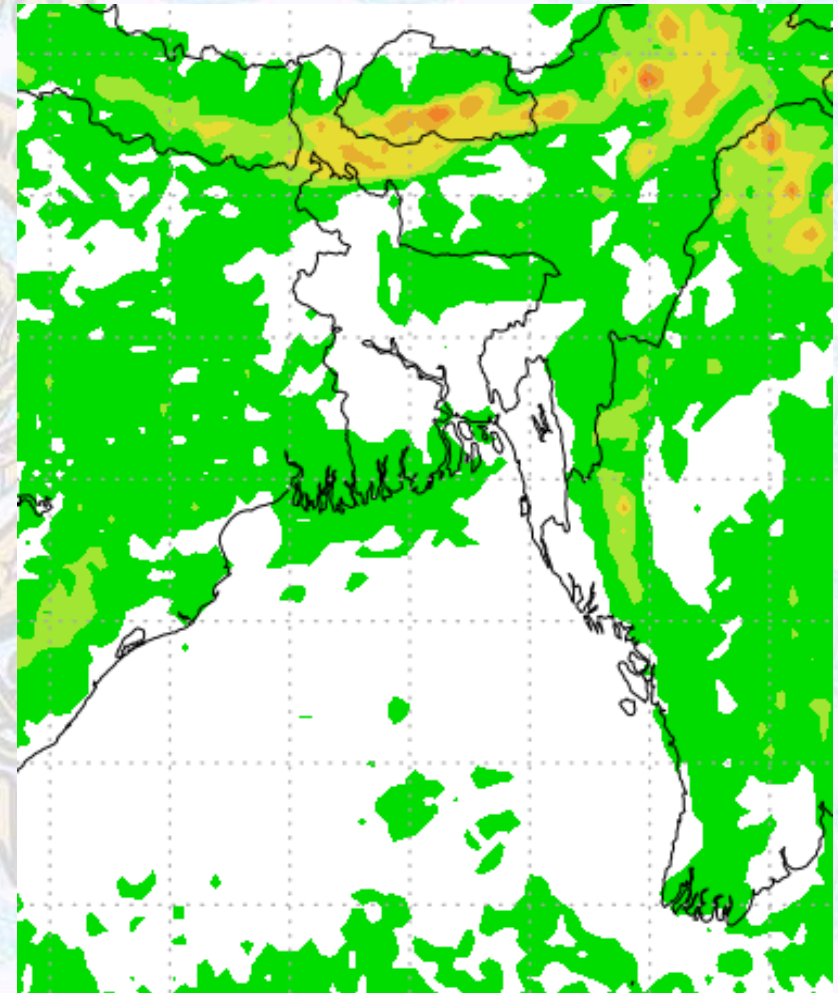


# Precipitation

Rain(mm) 03 & 04 Sep 2020



Rain(mm) 04 & 05 Sep 2020



Precipitation Scale (mm):





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

	Time	Height		Time	Height		Time	Height
<b>03 Sep 2020</b>	0134	5.16		0545	0.93		0516	0.96
	0754	0.69		1122	3.72		1116	3.31
	1340	5.38		1804	0.93		1738	0.93
	2016	0.63		2337	3.52		2331	3.23
<b>04 Sep 2020</b>	Time	Height		Time	Height		Time	Height
	0200	5.25		0617	0.93		0544	0.96
	0823	0.64		1154	3.69		1139	3.29
	1407	5.43		1834	0.95		1802	0.91
	2042	0.59		-	-		2357	3.24
<b>05 Sep 2020</b>	Time	Height		Time	Height		Time	Height
	0227	5.29		0010	3.49		0610	0.98
	0851	0.63		0647	0.96		1204	3.24
	1435	5.39		1226	3.59		1825	0.92
	2108	0.57		1902	0.98		-	-