



# WEATHER FORECAST FOR BN

*07-10 MAY 2020*





# WEATHER FORECAST – DHAKA

## 07.05.2020

| Hourly            | 2 PM                 | 4 PM          | 8 PM          | 11 PM         |
|-------------------|----------------------|---------------|---------------|---------------|
| Temp. / Dew Point | 33 / 24              | 28 / 24       | 29 / 24       | 26 / 23       |
| Wind              | 2 km/h SSW           | 4 km/h SW     | 7 km/h NNE    | 9 km/h S      |
| Humidity          | 58%                  | 59%           | 77%           | 83%           |
| Chance of Precip  | 6%                   | 89%           | 23%           | 21%           |
| Cloud Cover       | 80%                  | 82%           | 24%           | 16%           |
| Conditions        | Partly Cloudy        | Partly Cloudy | Partly Cloudy | Partly Cloudy |
| Sunrise<br>Sunset | 5: 21 AM<br>6: 30 PM |               |               |               |

### Conditions

Pressure : 1007 hpa

Visibility : 8.05 km

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





# WEATHER FORECAST – CHATTOGRAM

## 07.05.2020

| Hourly            | 2 PM                 | 4 PM          | 8 PM          | 11 PM         |
|-------------------|----------------------|---------------|---------------|---------------|
| Temp. / Dew Point | 32 / 22              | 31 / 22       | 29 / 26       | 27 / 27       |
| Wind              | 13 km/h WNW          | 13 km/h W     | 9 km/h W      | 5 km/h WNW    |
| Humidity          | 57%                  | 59%           | 80%           | 95%           |
| Chance of Precip. | 1%                   | 1%            | 5%            | 7%            |
| Cloud Cover       | 20%                  | 17%           | 3%            | 12%           |
| Conditions        | Partly Cloudy        | Partly Cloudy | Partly Cloudy | Partly Cloudy |
| Sunrise<br>Sunset | 5: 18 AM<br>6: 22 PM |               |               |               |

### Conditions

Pressure : 1007 hpa

Visibility : 8.05 Km

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



# WEATHER FORECAST – KHULNA

## 07.05.2020

| Hourly            | 2 PM                 | 4 PM          | 8 PM          | 11 PM         |
|-------------------|----------------------|---------------|---------------|---------------|
| Temp. / Dew Point | 34 / 25              | 33 / 26       | 29 / 26       | 27 / 25       |
| Wind              | 3 km/h SSW           | 6 km/h S      | 10 km/h SSW   | 8 km/h S      |
| Humidity          | 60%                  | 64%           | 82%           | 90%           |
| Chance of Precip. | 5%                   | 11%           | 14%           | 12%           |
| Cloud Cover       | 69%                  | 61%           | 16%           | 11%           |
| Conditions        | Partly Cloudy        | Partly Cloudy | Partly Cloudy | Partly Cloudy |
| Sunrise<br>Sunset | 5: 27 AM<br>6: 33 PM |               |               |               |

### Conditions

Pressure : 1007 hpa

Visibility : 8.05 Km

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





# GENERAL WEATHER FORECAST – DHAKA

| Description             | 08 May 2020         | 09 May 2020         | 10 May 2020         |
|-------------------------|---------------------|---------------------|---------------------|
| <b>Temperature (C)</b>  | 35 °C/ 24 °C        | 35 °C/ 25 °C        | 35 °C/ 25 °C        |
| <b>Summary</b>          | Partly Cloudy/Sunny | Partly Cloudy/Sunny | Partly Cloudy/Sunny |
| <b>Sun Rise/Set</b>     | 5h19m24s/18h30m30s  | 5h18m54s/18h31m06s  | 5h18m12s/18h31m42s  |
| <b>Day Length</b>       | 13h11m06s           | 13h12m12s           | 13h13m30s           |
| <b>Moon Rise/ Set</b>   | 7:35 PM 5:59 AM     | 8:40 PM 6:48 AM     | 9:44 PM 7:42 AM     |
| <b>Moon Phase/ illu</b> | Full Moon, 99%      | Waning Gibbous, 95% | Waning Gibbous, 88% |
| <b>NauticalTwilight</b> | 0427,1923           | 0426,1923           | 0425,1924           |
| <b>Civil Twilight</b>   | 0455,1854           | 0456,1855           | 0454,1855           |
| <b>Humidity</b>         | D : 66% N : 84%     | D : 66% N : 82%     | D : 63% N : 80%     |
| <b>Barometer (mb)</b>   | 1007                | 1006                | 1006                |
| <b>Visibility</b>       | Good                | Good                | Good                |
| <b>Precip Chance</b>    | 20%                 | 20%                 | 20%                 |
| <b>Wind (mph)</b>       | 10 Km/h SW          | 9 Km/h ESE          | 6 Km/h ENE          |

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



# GENERAL WEATHER FORECAST– CHATTOGRAM

| Description             | 08 May 2020         | 09 May 2020         | 10 May 2020         |
|-------------------------|---------------------|---------------------|---------------------|
| <b>Temperature (C)</b>  | 33°C/ 25°C          | 34°C/ 25°C          | 34°C/ 25°C          |
| <b>Summary</b>          | Partly Cloudy/Sunny | Partly Cloudy/Sunny | Partly Cloudy/Sunny |
| <b>Sun Rise/Set</b>     | 5h16m06s/18h22m24s  | 5h15m36s/18h22m54s  | 5h15m00s/18h23m30s  |
| <b>Day Length</b>       | 13h06m18s           | 13h07m18s           | 13h08m30s           |
| <b>Moon Rise/ Set</b>   | 7:27 PM 5:55 AM     | 8:32 PM 6:45 AM     | 9:34 PM 7:39 AM     |
| <b>Moon Phase/ illu</b> | Full Moon, 99%      | Waning Gibbous, 95% | Waning Gibbous, 89% |
| <b>NauticalTwilight</b> | 0425, 1914          | 0423, 1914          | 0423, 1915          |
| <b>Civil Twilight</b>   | 0452, 1846          | 0452, 1846          | 0451, 1847          |
| <b>Humidity</b>         | D : 71% N : 94%     | D : 71% N : 92%     | D : 69% N : 92%     |
| <b>Barometer (mb)</b>   | 1007                | 1007                | 1008                |
| <b>Visibility</b>       | Good                | Good                | Good                |
| <b>Precip Chance</b>    | 10%                 | 10%                 | 10%                 |
| <b>Wind (mph)</b>       | 11 Km/h W           | 10 Km/h NW          | 11 Km/h NW          |

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





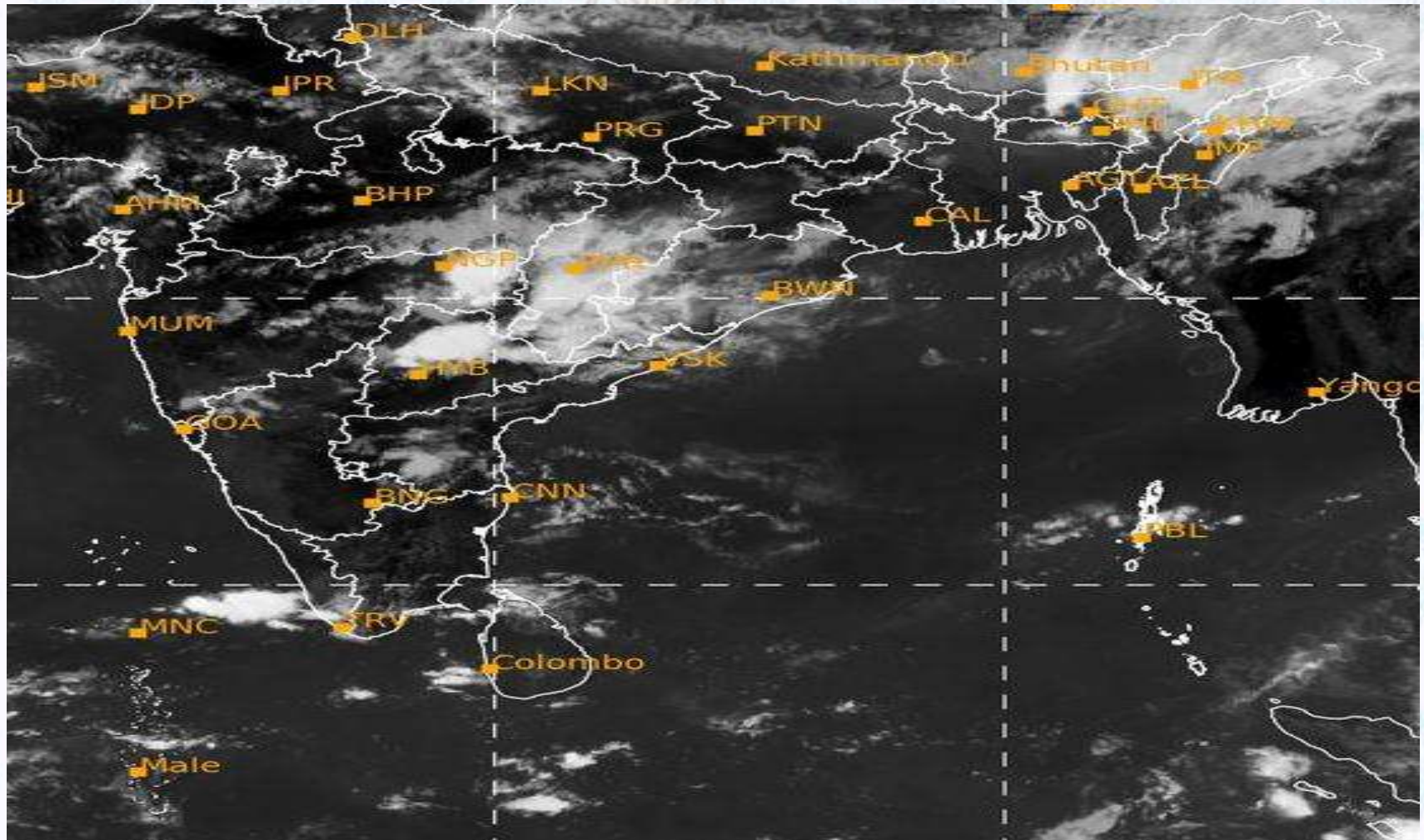
# GENERAL WEATHER FORECAST – KHULNA

| Description              | 08 May 2020          | 09 May 2020          | 10 May 2020          |
|--------------------------|----------------------|----------------------|----------------------|
| <b>Temperature(C)</b>    | 35°C/ 25°C           | 36°C/ 25°C           | 36°C/ 25°C           |
| <b>Summary</b>           | Partly cloudy /Sunny | Partly cloudy /Sunny | Partly cloudy /Sunny |
| <b>Sun Rise/Set</b>      | 5h24m24s/18h32m18s   | 5h23m54s/18h32m54s   | 5h23m18s/18h33m30s   |
| <b>Day Length</b>        | 13h07m54s            | 13h09m00s            | 13h10m12s            |
| <b>Moon Rise/Set</b>     | 7:38 PM 6:05 AM      | 8:42 PM 6:55 AM      | 9:45 PM 7:49 AM      |
| <b>Moon Phase/illu</b>   | Full Moon, 99%       | Waning Gibbous, 95%  | Waning Gibbous, 88%  |
| <b>Nautical Twilight</b> | 0432, 1924           | 0431, 1925           | 0431, 1925           |
| <b>Civil Twilight</b>    | 0500, 1856           | 0500, 1856           | 0459, 1857           |
| <b>Humidity</b>          | D : 67% N : 83%      | D : 66% N : 83%      | D : 65% N : 83%      |
| <b>Barometer (mb)</b>    | 1007                 | 1006                 | 1006                 |
| <b>Visibility</b>        | Good                 | Good                 | Good                 |
| <b>Precip Chance</b>     | 30%                  | 20%                  | 30%                  |
| <b>Wind (mph)</b>        | 12 km/h SSW          | 12 km/h SE           | 9 km/h ESE           |

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



# SATELLITE VIEW OF BAY OF BENGAL



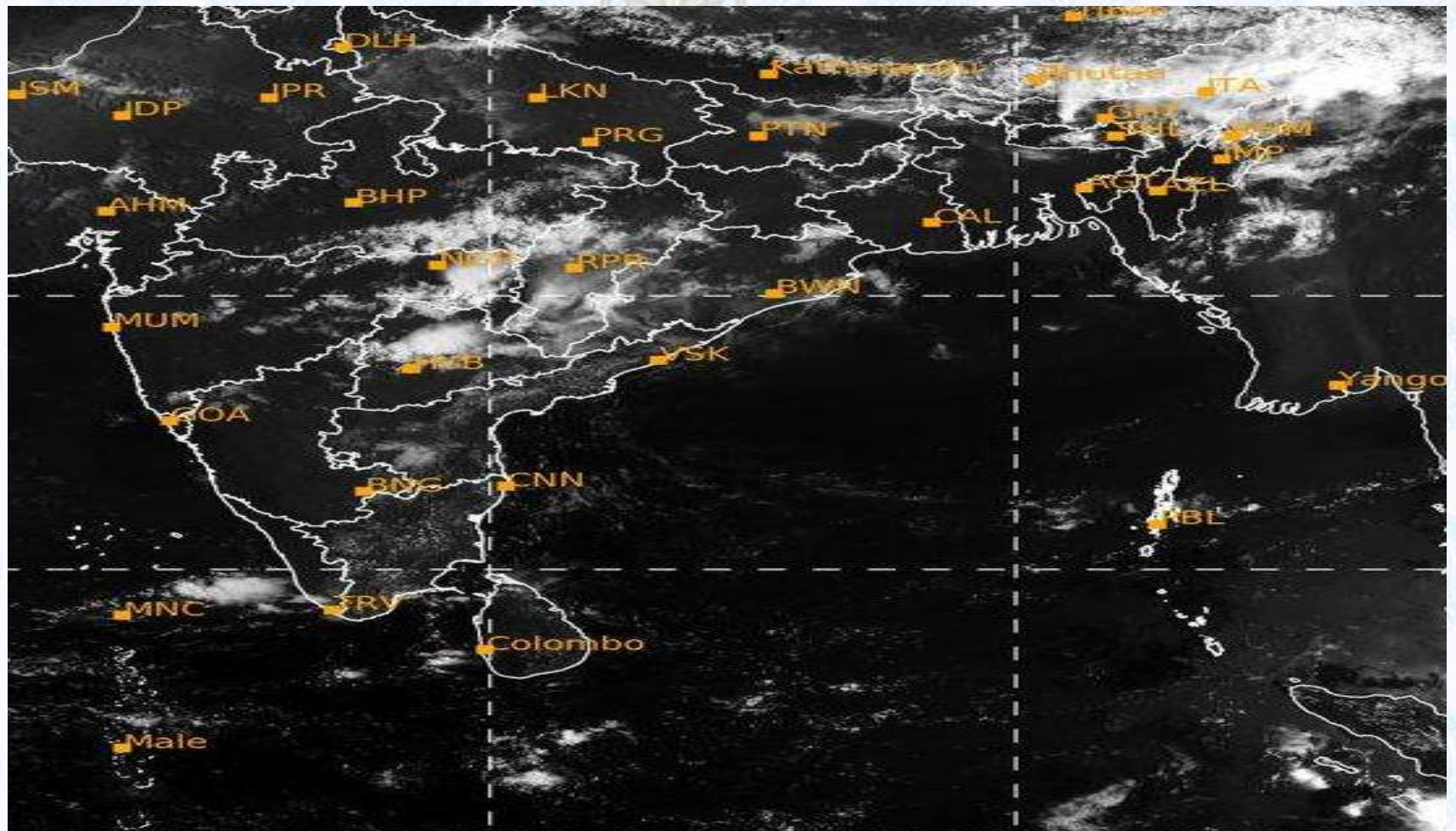
07/05/2020, 12:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



07/05/2020, 12:00 MATSAT-VIS

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



# Fleet Forecast Sea Area C-90 ( Valid for 12 Hrs Commencing 1000 UTC of 07.05.2020)

|                   |                                                                                                             |                                                               |
|-------------------|-------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|
| <b>Part One</b>   | NO STORM WARNING.                                                                                           |                                                               |
| <b>Part Two</b>   | THE LOW OVER SOUTH ANDAMAN SEA AND ADJOINING AREA HAS BECOME LESS MARKED. SEASONAL LOW LIES OVER SOUTH BAY. |                                                               |
| <b>Part Three</b> | Weather                                                                                                     | TEMPORARY RAIN/THUNDER SHOWERS OVER AREA C-90.                |
|                   | Wind                                                                                                        | SOUTH-WEST/ 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.<br>CHATTOGRAM =1008 HPA                      |





# Inland River Port Warning (VALID TILL 07 PM OF 07.05.2020)

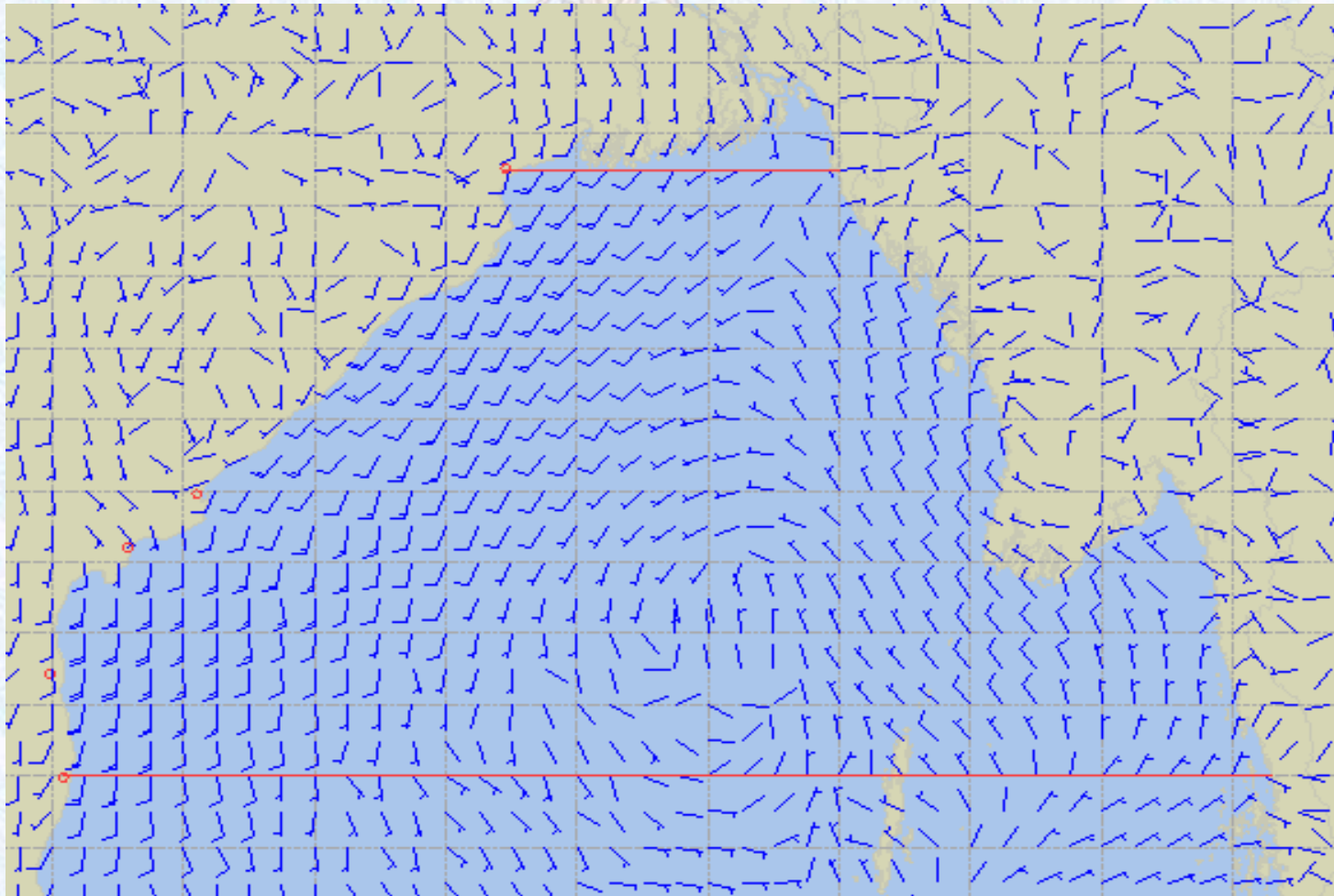
THERE IS NO INLAND RIVERPORT WARNING AND NO SIGNAL IS TO BE HOISTED.



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



# Surface Wind Forecast- 08 May - 2020



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



**60 Knots**

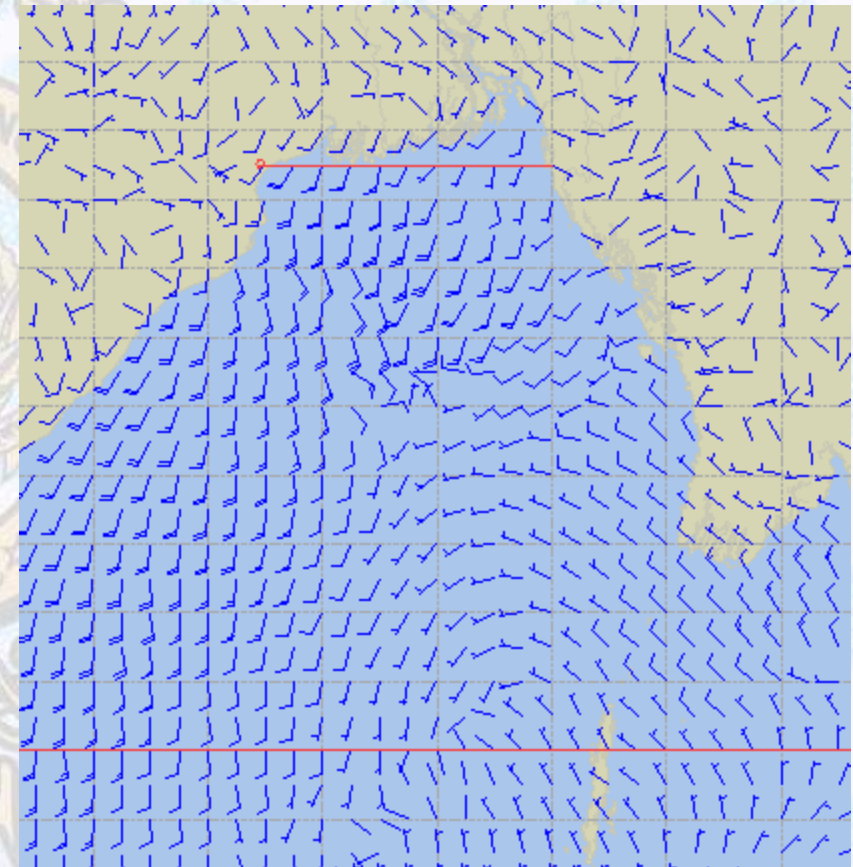
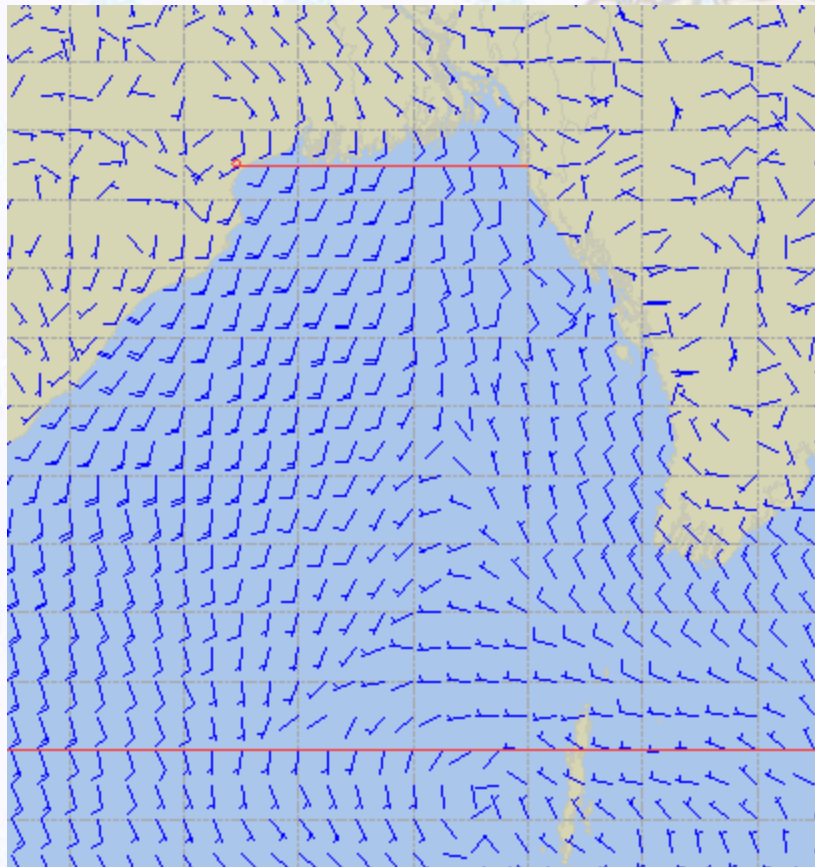




# Surface Wind Forecast – 09 & 10 May-2020

09 May 2020 Saturday

10 May 2020 Sunday



## Legend:



Calm  
Winds



5 Knots



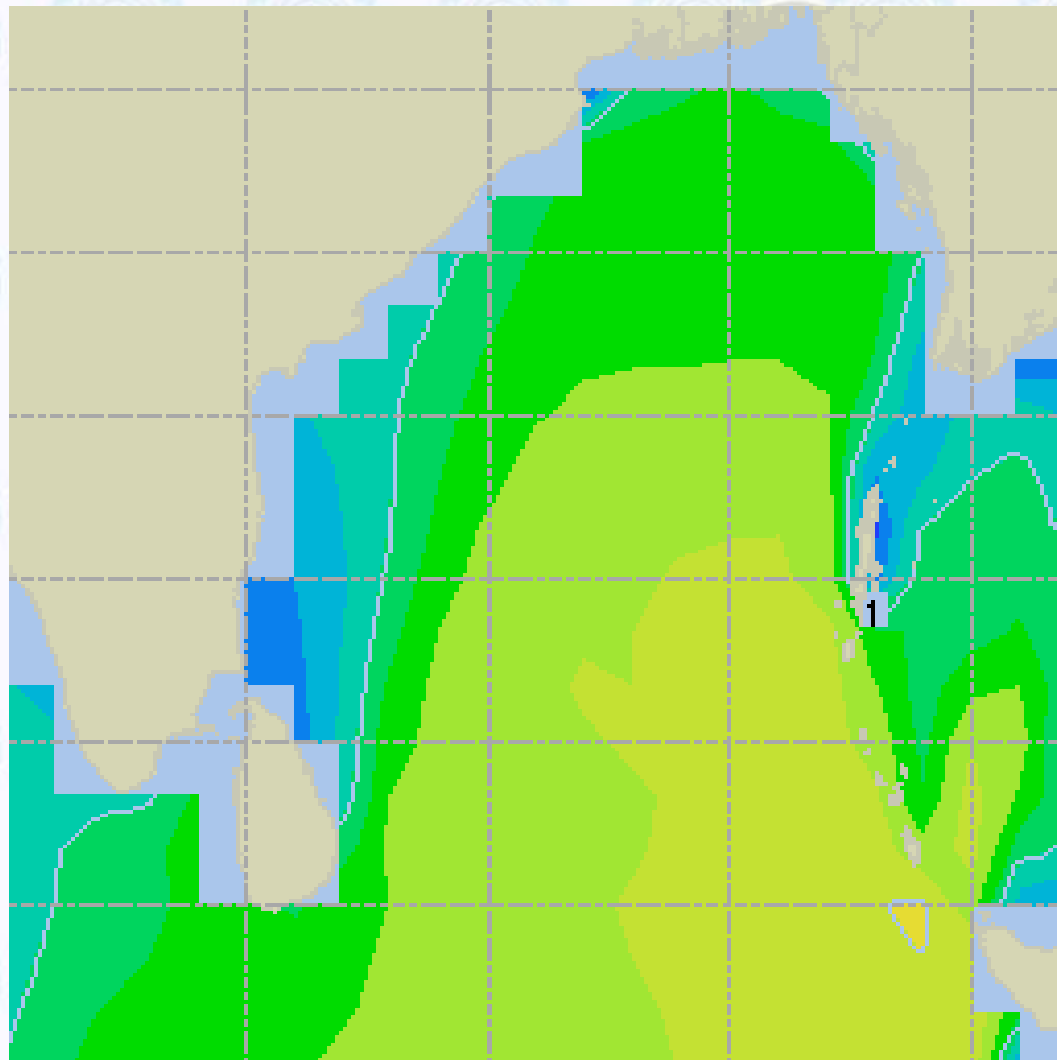
10 Knots



60 Knots



# Sea State Forecast – 08 May - 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  |



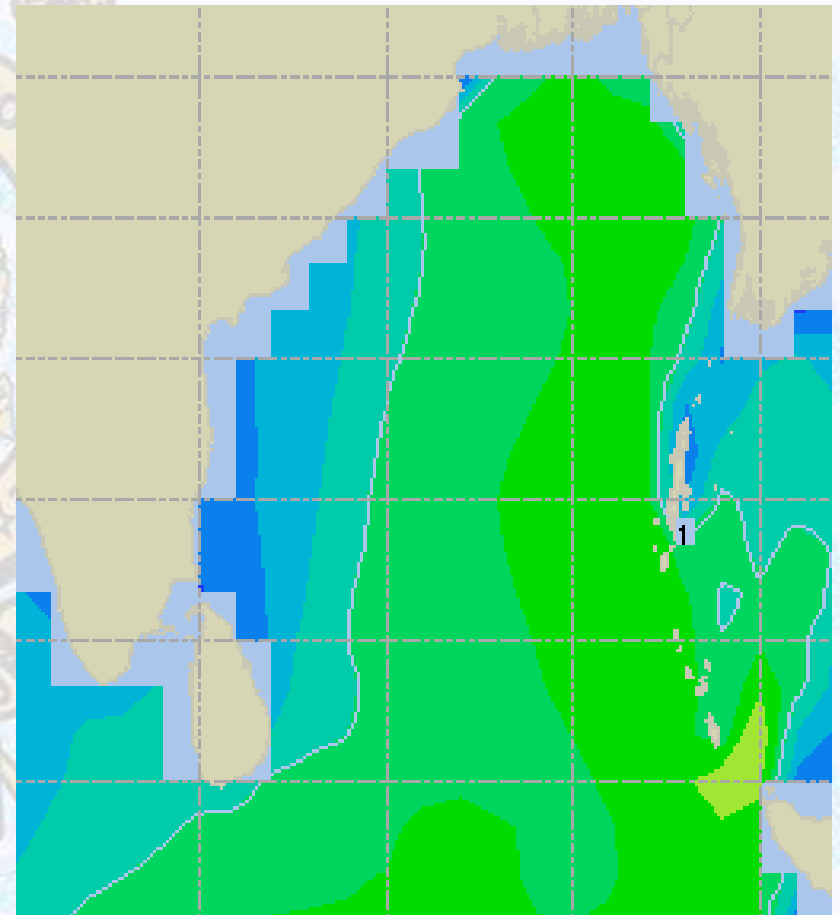
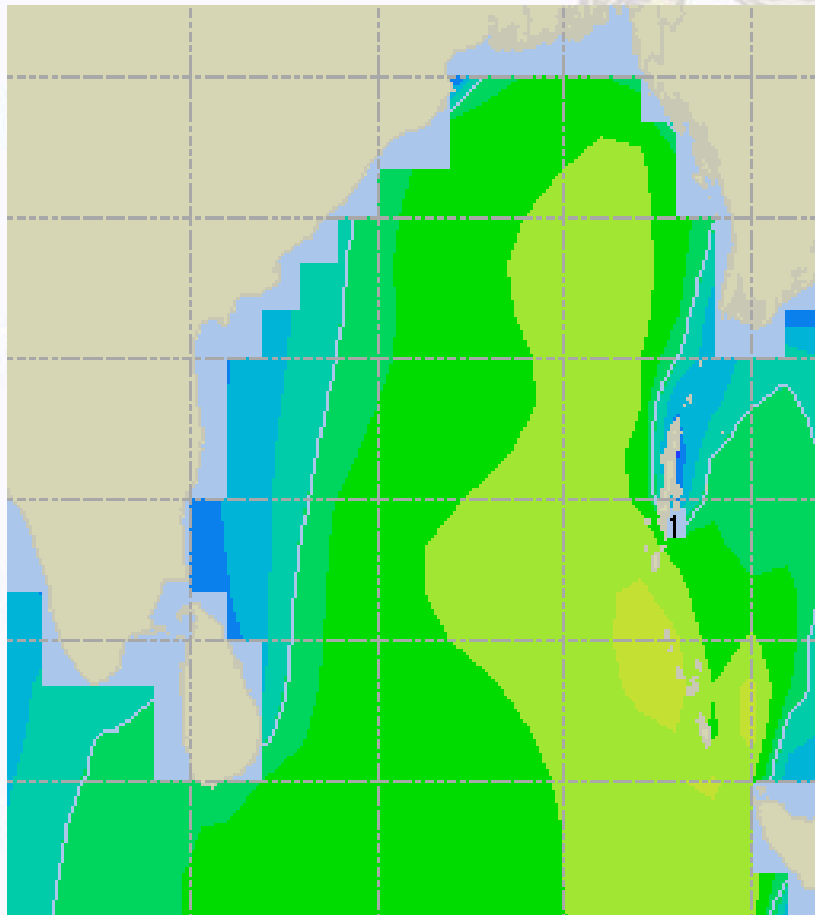




# Sea State Forecast– 09 & 10 May- 2020

09 May 2020 Saturday

10 May 2020 Sunday

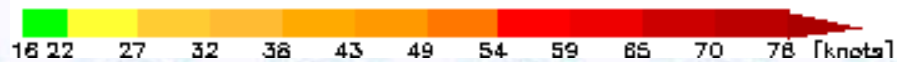
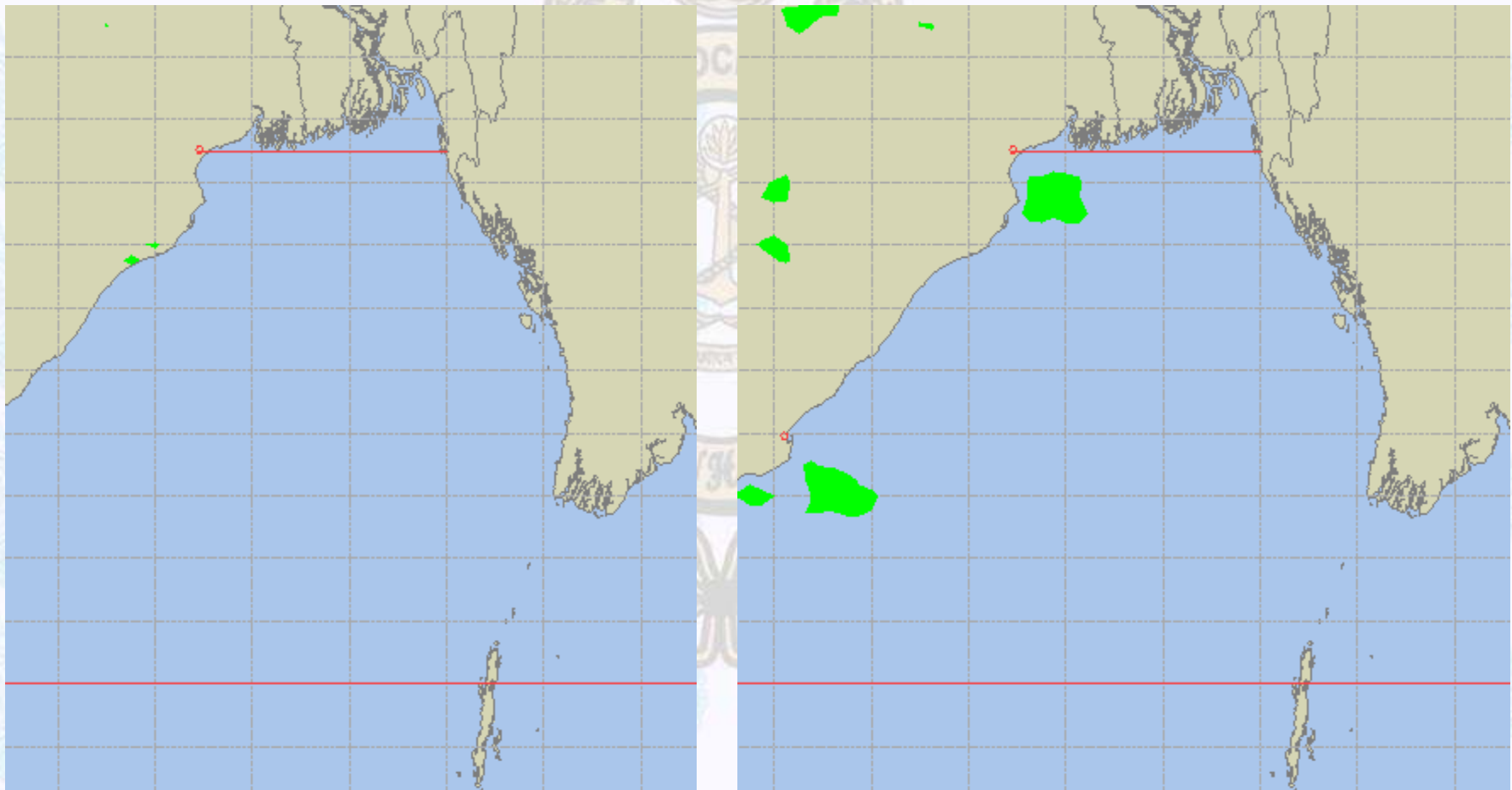




# Peak Gusting Possibilities – 08 & 09 May 2020

08 May 2020 Friday

09 May 2020 Saturday



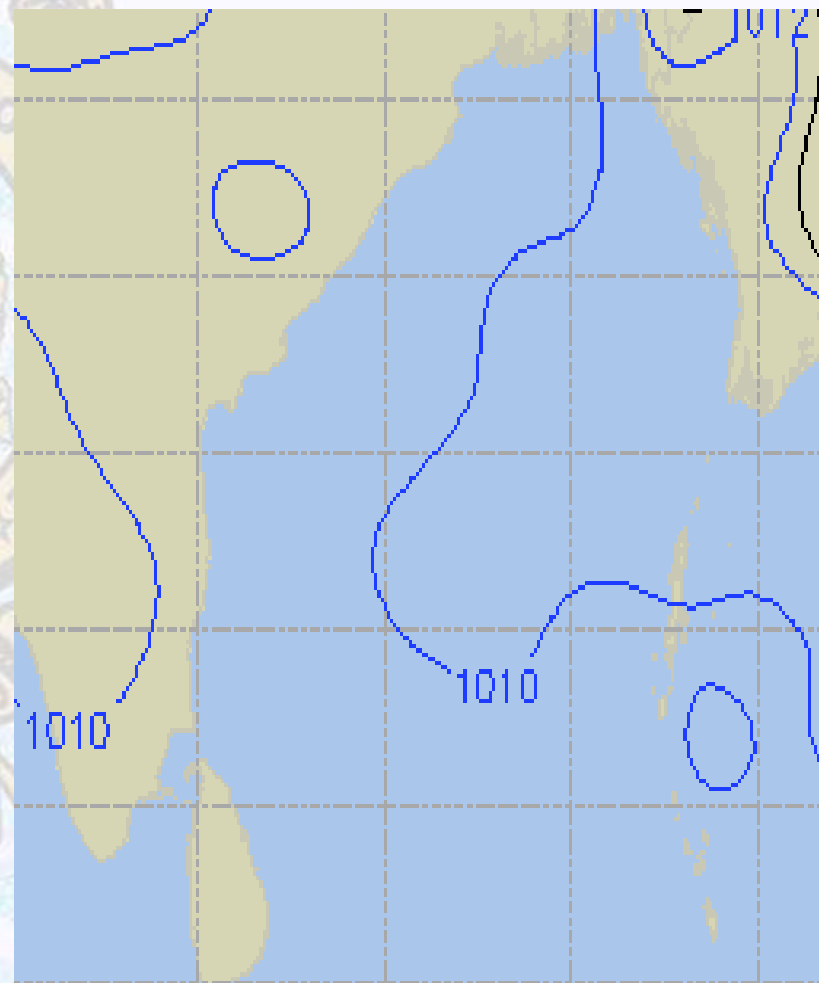
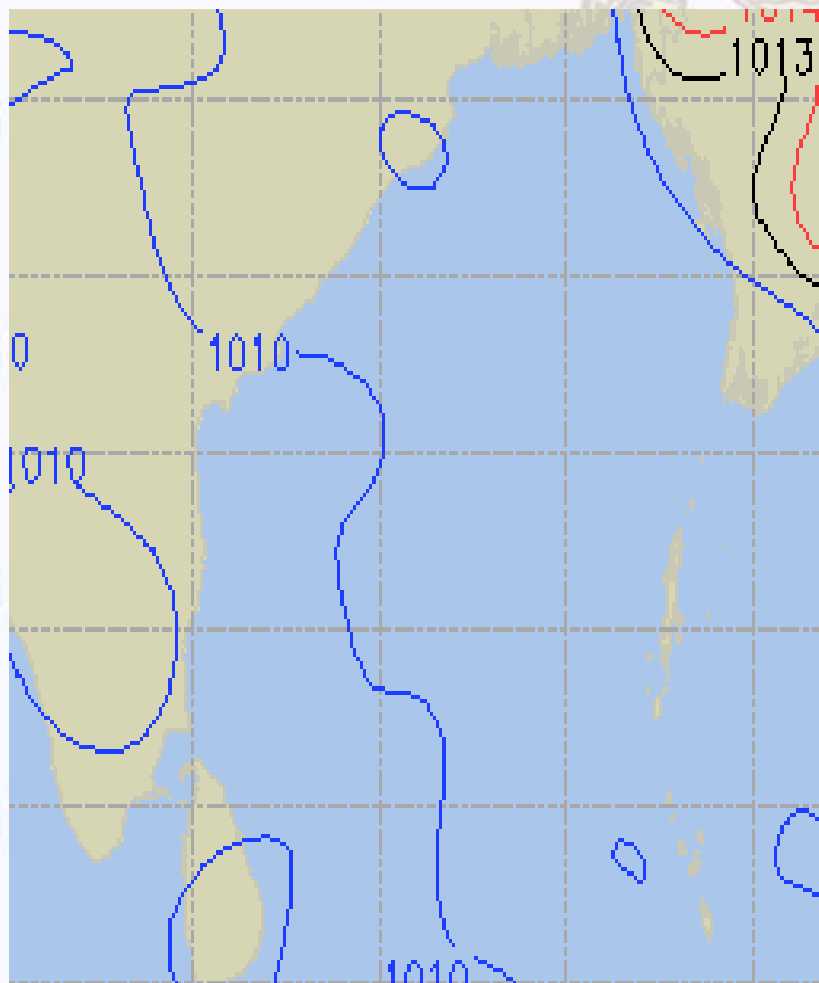




# Surface Pressure forecast – 08 & 09 May 2020

08 May 2020 Friday

09 May 2020 Saturday

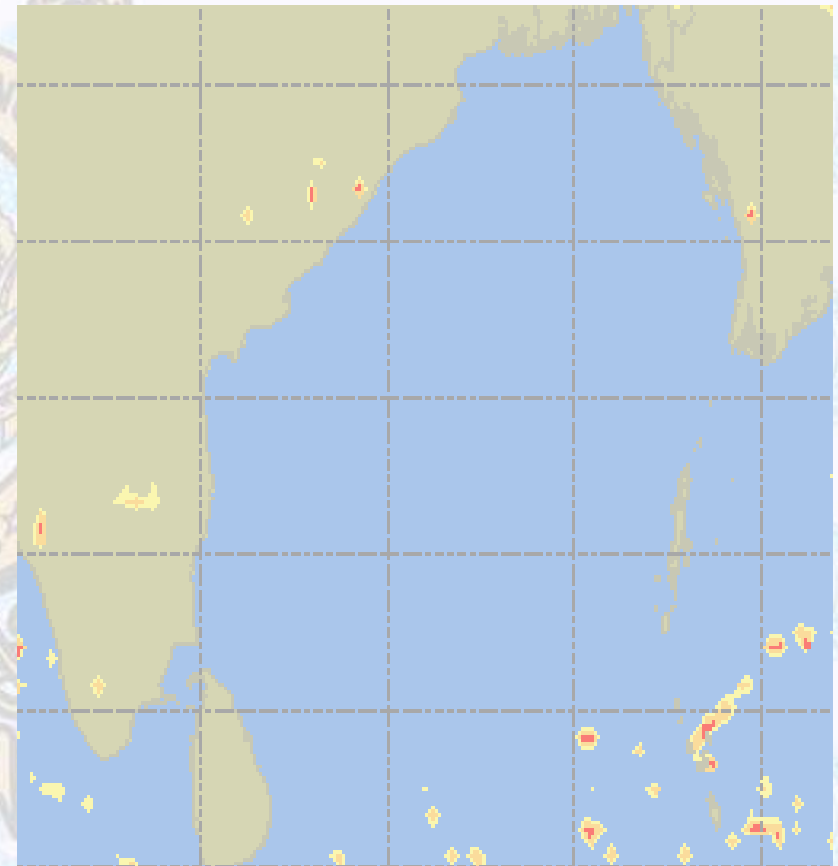
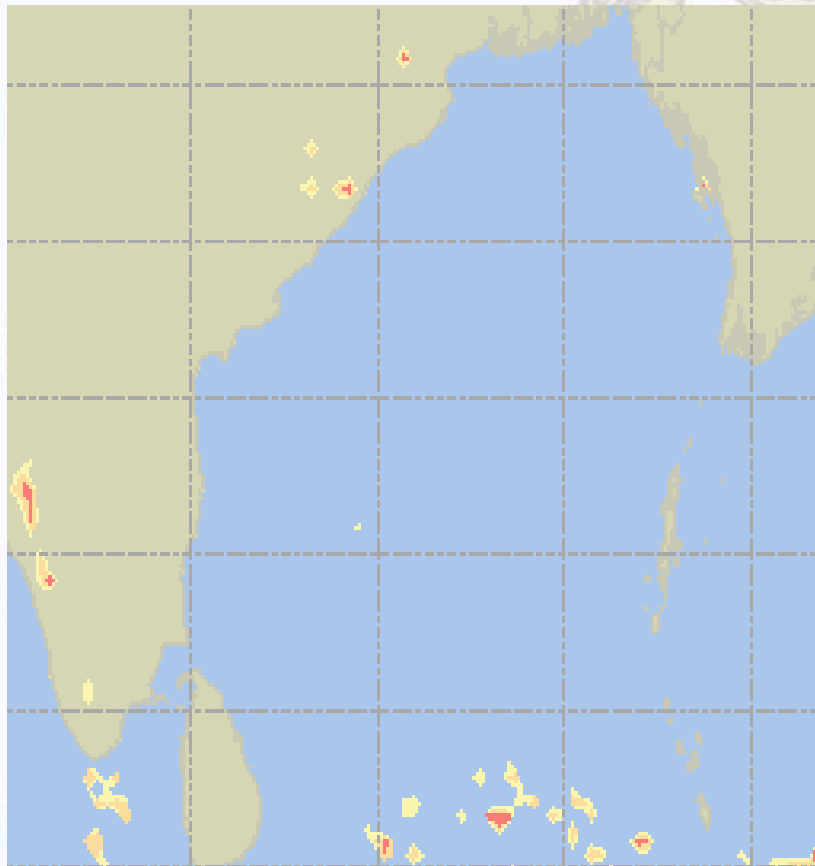




# Visibility at Sea Forecast – 08 & 09 May - 2020

08 May 2020 Friday

09 May 2020 Saturday



**Visibility Scale:**



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

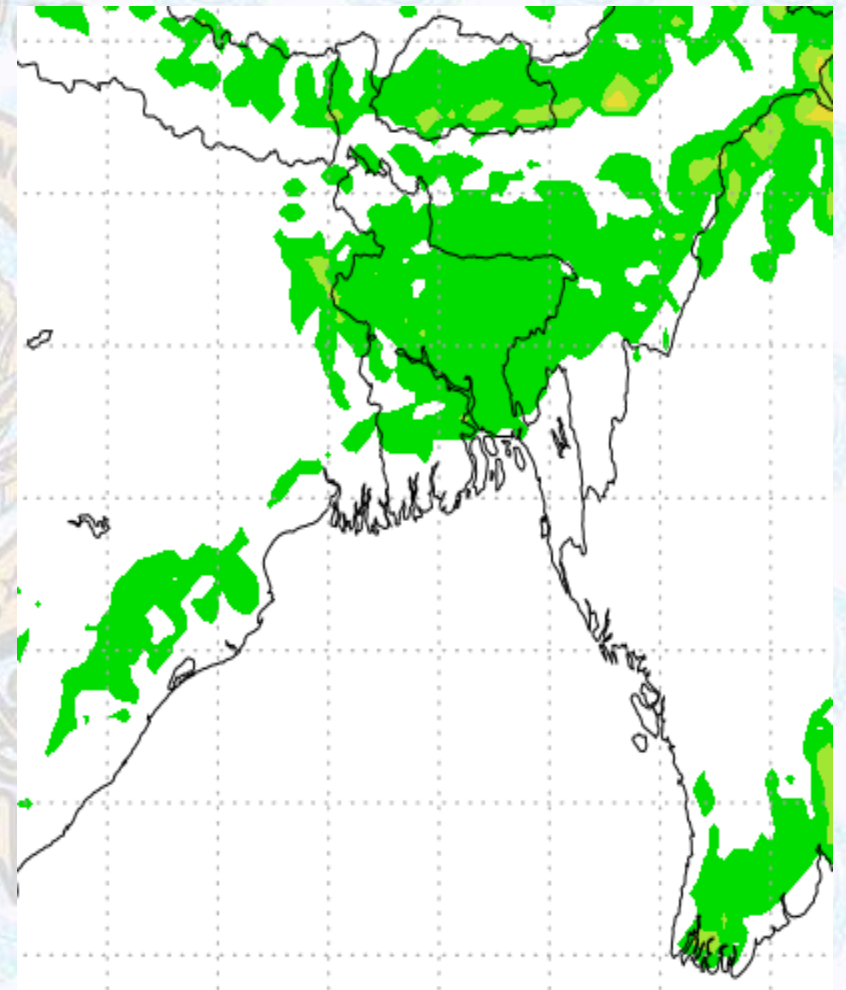
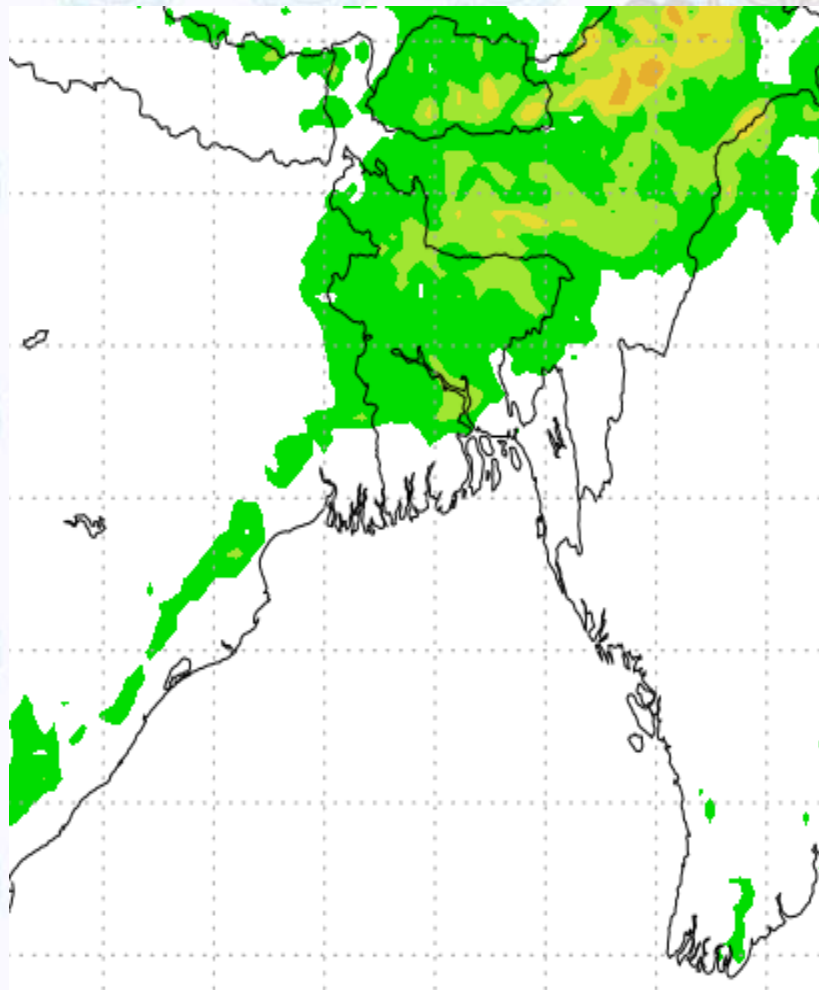




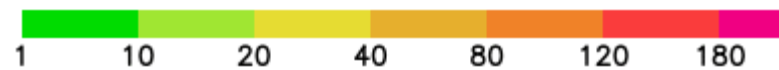
# Precipitation

Rain(mm) 08 & 09 May 2020

Rain(mm) 09 & 10 May 2020



**Precipitation Scale (mm):**





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

|                    |             |               |  |             |               |  |             |               |
|--------------------|-------------|---------------|--|-------------|---------------|--|-------------|---------------|
| <b>08 May 2020</b> | <b>Time</b> | <b>Height</b> |  | <b>Time</b> | <b>Height</b> |  | <b>Time</b> | <b>Height</b> |
|                    | 0107        | 4.84          |  | 0523        | 0.32          |  | 0501        | 0.39          |
|                    | 0741        | 0.35          |  | 1104        | 3.92          |  | 1106        | 3.37          |
|                    | 1329        | 5.13          |  | 1750        | 0.45          |  | 1732        | 0.59          |
|                    | 2009        | 0.47          |  | 2322        | 3.58          |  | 2322        | 3.03          |
| <b>09 May 2020</b> | <b>Time</b> | <b>Height</b> |  | <b>Time</b> | <b>Height</b> |  | <b>Time</b> | <b>Height</b> |
|                    | 0148        | 4.81          |  | 0604        | 0.35          |  | 0539        | 0.46          |
|                    | 0819        | 0.39          |  | 1147        | 3.86          |  | 1145        | 3.31          |
|                    | 1408        | 5.09          |  | 1830        | 0.51          |  | 1813        | 0.67          |
|                    | 2049        | 0.54          |  | -           | -             |  | -           | -             |
| <b>10 May 2020</b> | <b>Time</b> | <b>Height</b> |  | <b>Time</b> | <b>Height</b> |  | <b>Time</b> | <b>Height</b> |
|                    | 0230        | 4.70          |  | 0004        | 3.45          |  | 0002        | 2.93          |
|                    | 0857        | 0.51          |  | 0643        | 0.45          |  | 0616        | 0.60          |
|                    | 1450        | 4.98          |  | 1229        | 3.71          |  | 1224        | 3.21          |
|                    | 2131        | 0.66          |  | 1909        | 0.62          |  | 1854        | 0.81          |