



# WEATHER FORECAST FOR BN

**30 APR - 03 MAY 2021**





# WEATHER FORECAST – DHAKA

## 30.04.2021

| Hourly            | 2 PM          | 4 PM          | 8 PM        | 11 PM        |
|-------------------|---------------|---------------|-------------|--------------|
| Temp. / Dew Point | 37°C / 23°C   | 37°C / 23°C   | 32°C / 24°C | 31°C / 24°C  |
| Wind              | 12 km/h SW    | 10 km/h SW    | 6 km/h S    | 12 m/h S     |
| Humidity          | 49%           | 46%           | 60%         | 67%          |
| Chance of Precip  | 13%           | 46%           | 7%          | 6%           |
| Cloud Cover       | 31%           | 50%           | 18%         | 24%          |
| Conditions        | Partly Cloudy | Partly Cloudy | Clear       | Mostly Clear |
| Sunrise / Sunset  | 0525 / 1826   |               |             |              |

### Conditions

Pressure : 1009 hpa

Visibility : 4.02 km

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





# WEATHER FORECAST – CHATTOGRAM

## 30.04.2021

| Hourly            | 2 PM        | 4 PM        | 8 PM        | 11 PM       |
|-------------------|-------------|-------------|-------------|-------------|
| Temp. / Dew Point | 31°C / 26°C | 31°C / 26°C | 29°C / 27°C | 28°C / 26°C |
| Wind              | 16 km/h WSW | 15 km/h WSW | 8 km/h SW   | 6 km/h S    |
| Humidity          | 77%         | 74%         | 87%         | 88%         |
| Chance of Precip. | 10%         | 23%         | 9%          | 11%         |
| Cloud Cover       | 26%         | 5%          | 4%          | 6%          |
| Conditions        | Sunny       | Sunny       | Clear       | Clear       |
| Sunrise / Sunset  | 0521 / 1818 |             |             |             |

### Conditions

Pressure : 1010 hpa

Visibility : 4.02 Km

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



# WEATHER FORECAST – KHULNA

## 30.04.2021

| Hourly            | 2 PM          | 4 PM          | 8 PM         | 11 PM        |
|-------------------|---------------|---------------|--------------|--------------|
| Temp. / Dew Point | 36°C / 22°C   | 36°C / 22°C   | 32°C / 24°C  | 29°C / 24°C  |
| Wind              | 12 km/h SSW   | 14 km/h SSW   | 13 km/h SSW  | 11 m/h SSW   |
| Humidity          | 45%           | 44%           | 63%          | 75%          |
| Chance of Precip. | 19%           | 15%           | 1%           | 4%           |
| Cloud Cover       | 30%           | 34%           | 21%          | 22%          |
| Conditions        | Partly Cloudy | Partly Cloudy | Mostly Clear | Mostly Clear |
| Sunrise / Sunset  | 0530 / 1828   |               |              |              |

### Conditions

Pressure : 1010 hpa

Visibility : 9.66 Km

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





# GENERAL WEATHER FORECAST – DHAKA

| Description              | 01 May 2021         | 02 May 2021         | 03 May 2021         |
|--------------------------|---------------------|---------------------|---------------------|
| <b>Temperature (C)</b>   | 35°C / 27°C         | 34°C / 26°C         | 32°C / 26°C         |
| <b>Summary</b>           | Mostly Sunny        | Mostly Sunny        | Mostly Sunny        |
| <b>Sun Rise/Set</b>      | 5h 24m12s/18h27m24s | 5h 23m36s/18h27m54s | 5h 23m00s/18h28m12s |
| <b>Day Length</b>        | 13h03m12s           | 13h04m18s           | 13h05m12s           |
| <b>Moon Rise/ Set</b>    | 11:14PM / 9:01AM    | - / 10:02AM         | 12:10PM / 11:05AM   |
| <b>Moon Phase/ illu</b>  | Waning Gibbous, 75% | Waning Gibbous, 65% | Waning Gibbous, 53% |
| <b>Nautical Twilight</b> | 04:34, 19:17        | 04:33, 19:18        | 04:31, 19:19        |
| <b>Civil Twilight</b>    | 05:02, 18:49        | 05:01, 18:50        | 04:59, 18:51        |
| <b>Humidity</b>          | D : 61%    N : 75%  | D : 65%    N : 81%  | D : 75%    N : 85%  |
| <b>Barometer (mb)</b>    | 1008                | 1008                | 1007                |
| <b>Visibility</b>        | Moderate            | Moderate            | Moderate            |
| <b>Precip Chance</b>     | 18%                 | 39%                 | 63%                 |
| <b>Wind (km/hr)</b>      | 11 Km/h, S          | 13 Km/h, S          | 15 Km/h, S          |

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



# GENERAL WEATHER FORECAST– CHATTOGRAM

| Description             | 01 May 2021         | 02 May 2021         | 03 May 2021         |
|-------------------------|---------------------|---------------------|---------------------|
| <b>Temperature (C)</b>  | 31°C/ 26°C          | 31°C/ 25°C          | 31°C/ 25°C          |
| <b>Summary</b>          | Partly Cloudy       | Partly Cloudy       | Partly Cloudy       |
| <b>Sun Rise/Set</b>     | 5h20m36s/ 18h19m42s | 5h20m00s/ 18h20m06s | 5h19m24s/ 18h20m24s |
| <b>Day Length</b>       | 12h59m06s           | 13h00m06s           | 13h01m00s           |
| <b>Moon Rise/ Set</b>   | 11:05PM / 8:58AM    | - / 10.02AM         | 12:01PM / 11:02AM   |
| <b>Moon Phase/ illu</b> | Waning Gibbous, 75% | Waning Gibbous, 65% | Waning Gibbous, 53% |
| <b>NauticalTwilight</b> | 04:31, 19:09        | 04:28, 19:10        | 04:28, 19:11        |
| <b>Civil Twilight</b>   | 04:58, 18:41        | 04:56, 18:43        | 04:55, 18:43        |
| <b>Humidity</b>         | D : 80%    N : 89%  | D : 80%    N : 90%  | D : 80%    N : 91%  |
| <b>Barometer (mb)</b>   | 1009                | 1009                | 1009                |
| <b>Visibility</b>       | Moderate            | Moderate            | Moderate            |
| <b>Precip Chance</b>    | 22%                 | 24%                 | 23%                 |
| <b>Wind (km/hr)</b>     | 15 Km/h, SW         | 15 Km/h, SW         | 15 Km/h, SSW        |

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





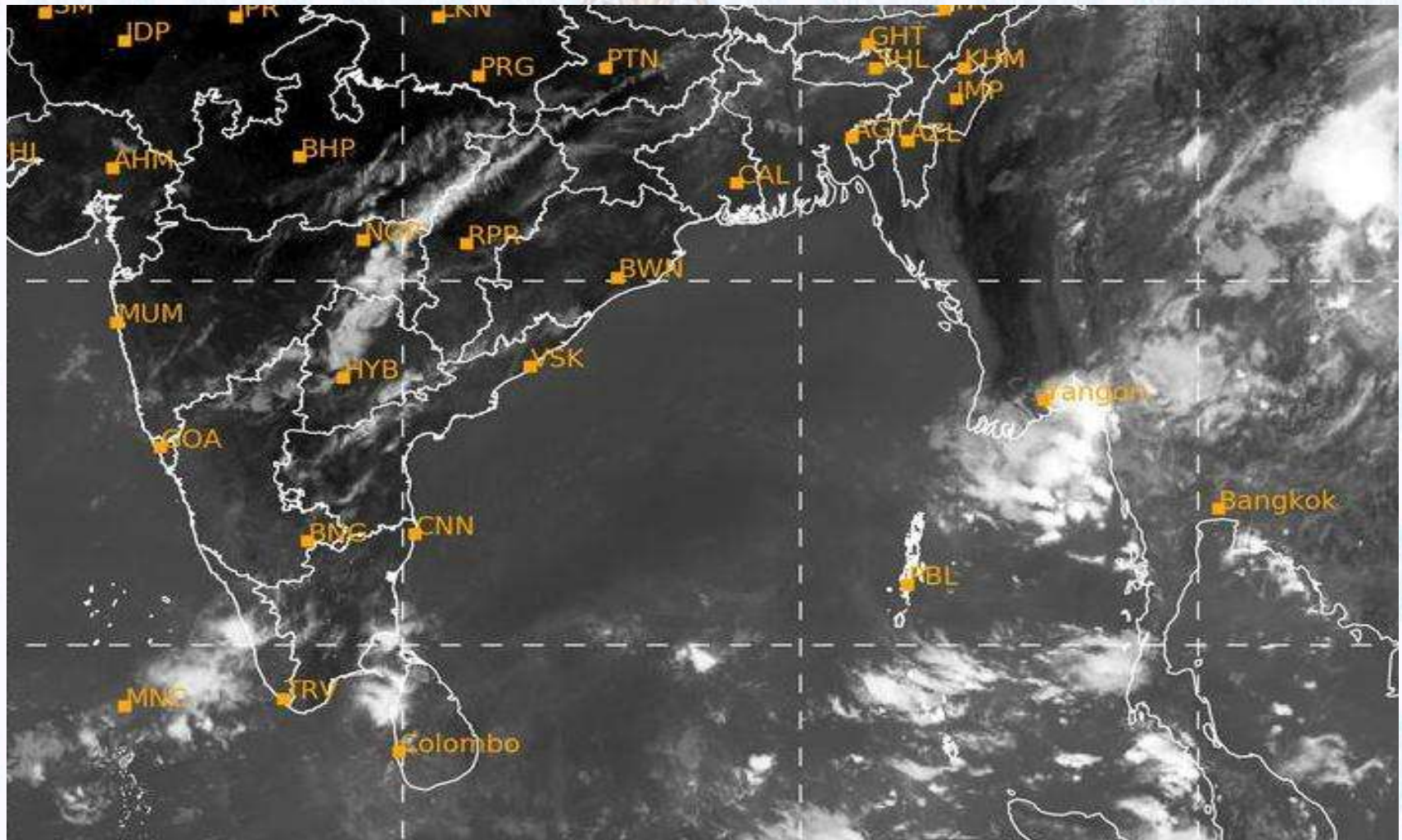
# GENERAL WEATHER FORECAST – KHULNA

| Description              | 01 May 2021         | 02 May 2021         | 03 May 2021         |
|--------------------------|---------------------|---------------------|---------------------|
| <b>Temperature(C)</b>    | 34°C / 27°C         | 34°C / 28°C         | 31°C / 26°C         |
| <b>Summary</b>           | Sunny               | Sunny               | Sunny               |
| <b>Sun Rise/Set</b>      | 5h29m00s/ 18h29m30s | 5h28m24s/ 18h29m54s | 5h27m48s/ 18h30m18s |
| <b>Day Length</b>        | 13h 00m 30s         | 13h 01m 30s         | 13h 02m 30s         |
| <b>Moon Rise/Set</b>     | 11:15PM/ 9:06AM     | - / 10.02AM         | 12:11PM/ 11:10AM    |
| <b>Moon Phase/illu</b>   | Waning Gibbous, 75% | Waning Gibbous, 65% | Waning Gibbous, 53% |
| <b>Nautical Twilight</b> | 04:39, 19:19        | 04:37, 19:20        | 04:36, 19:21        |
| <b>Civil Twilight</b>    | 05:07, 18:51        | 05:04, 18:53        | 05:04, 18:53        |
| <b>Humidity</b>          | D : 66%    N : 85%  | D : 69%    N : 85%  | D : 79%    N : 89%  |
| <b>Barometer (mb)</b>    | 1007                | 1008                | 1007                |
| <b>Visibility</b>        | Moderate            | Moderate            | Moderate            |
| <b>Precip Chance</b>     | 6%                  | 12%                 | 35%                 |
| <b>Wind (km/hr)</b>      | 16 Km/h, SSW        | 18 Km/h, SSW        | 18 Km/h, SSW        |

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



# SATELLITE VIEW OF BAY OF BENGAL



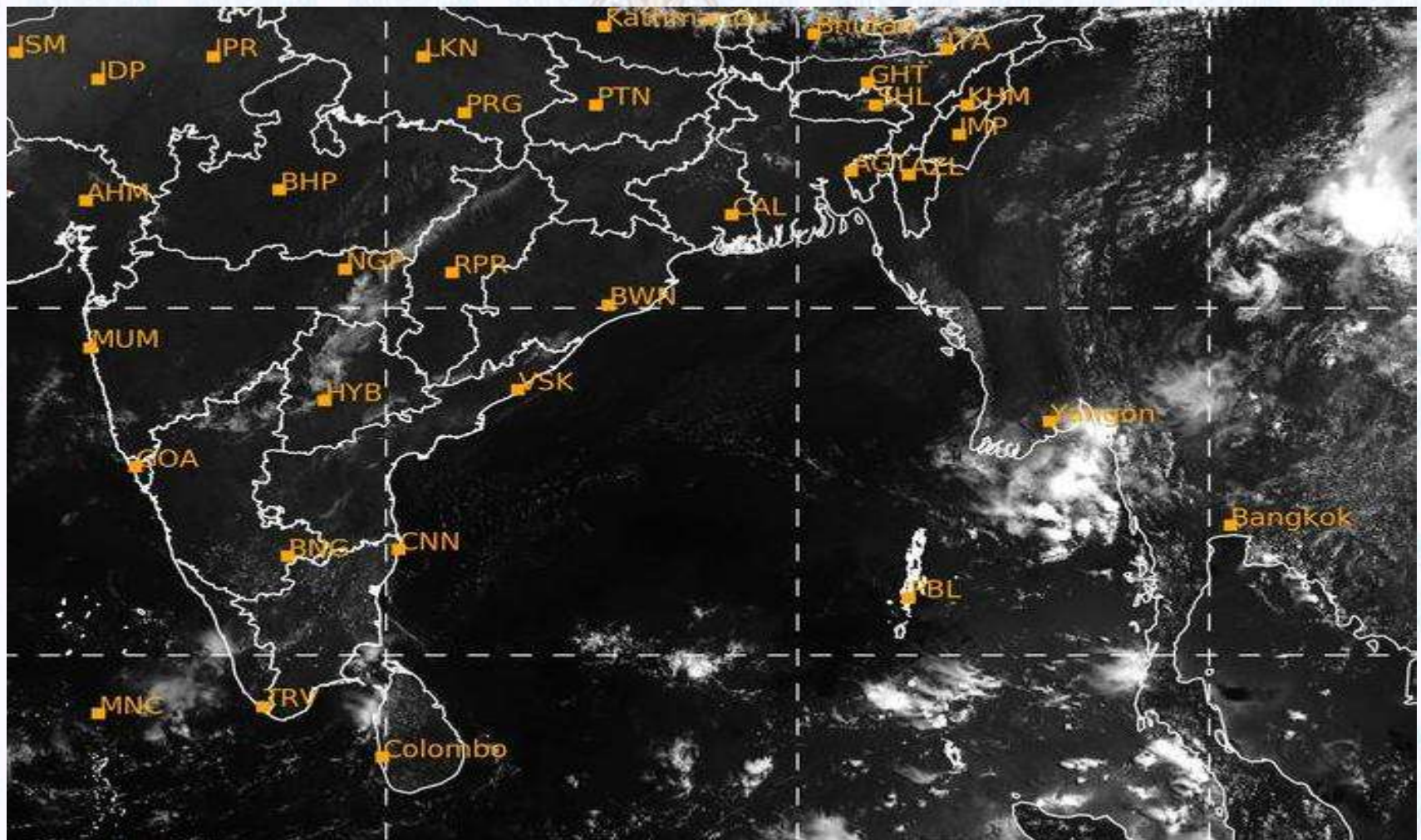
30/04/2021, 11:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



30/04/2021, 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 30.04.2021)

|                   |                                    |  |
|-------------------|------------------------------------|--|
| <b>Part One</b>   | NO STORM WARNING.                  |  |
| <b>Part Two</b>   | TROUGH OF LOW LIES OVER NORTH BAY. |  |
| <b>Part Three</b> | Weather                            | TEMPORARY PARTLY CLOUDY OVER AREA -C90.        |
|                   | Wind                               | SOUTH-WEST/SOUTHERLY, 08-15 KTS.               |
|                   | Visibility                         | 03-05 KMS, REDUCING TO 1500 M OR LESS IN HAZE. |
|                   | Outlook                            | FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.        |
|                   | MSL<br>Pressure                    | AT = 30,0000 UTC.<br>CHATTOGRAM =1010 HPA      |





# Inland River Port Warning (VALID TILL 06 PM OF 30.04.2020)

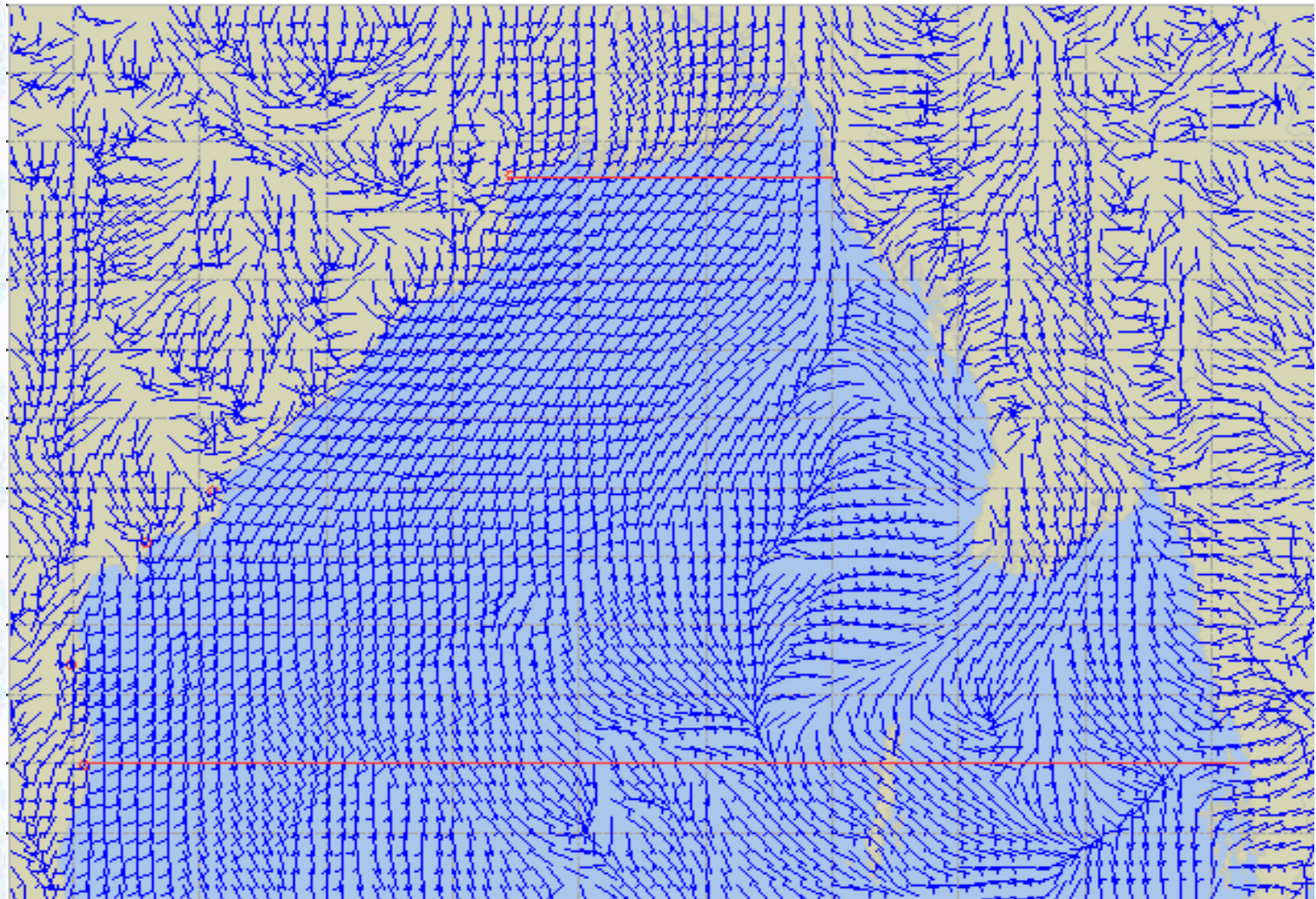
THERE IS NO INLAND RIVERPORT WARNING AND NO SIGNAL IS TO BE HOISTED.



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



# Surface Wind Forecast- 01 May - 2021



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



**60 Knots**

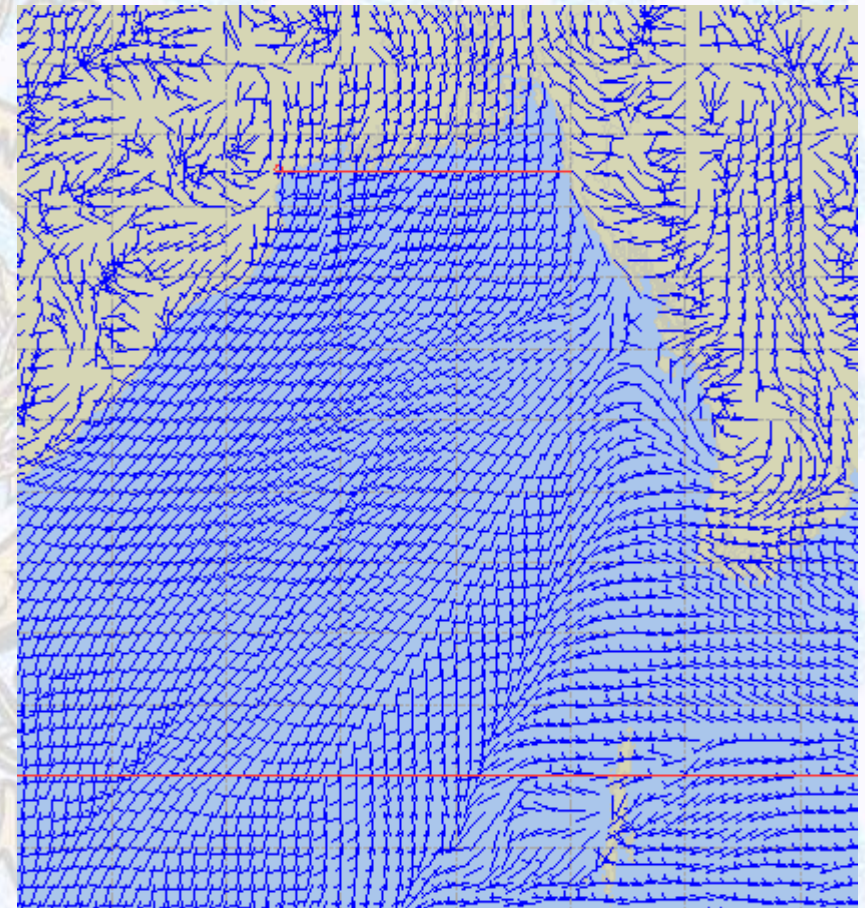
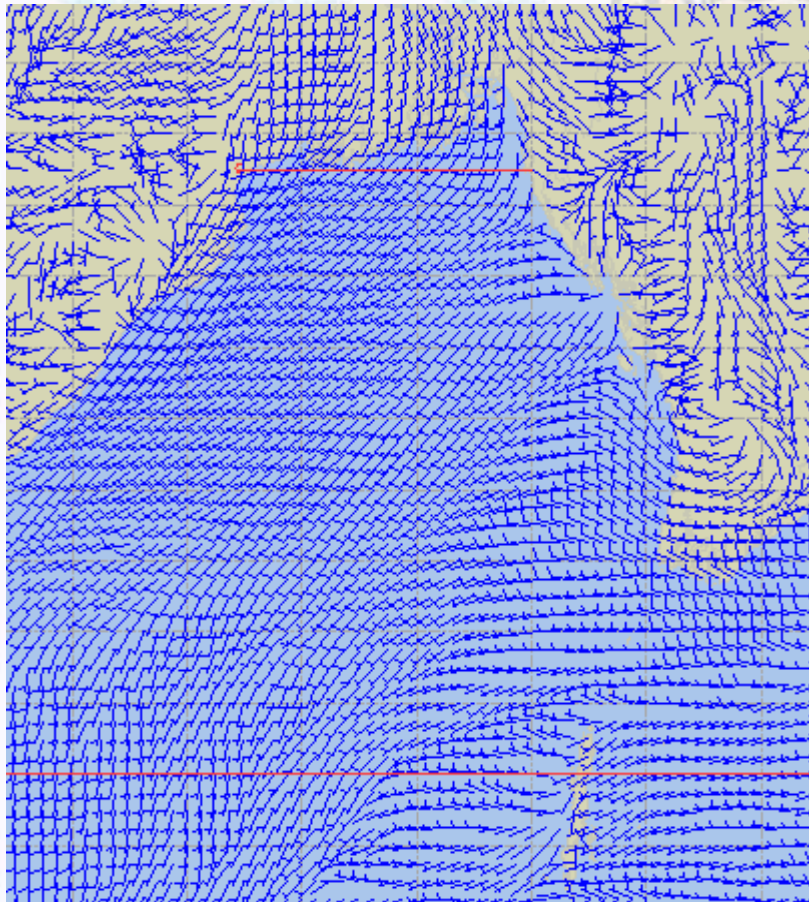




# Surface Wind Forecast – 02 & 03 May - 2021

02 May 21 Sunday

03 May 21 Monday



**Legend:**



Calm  
Winds



5 Knots



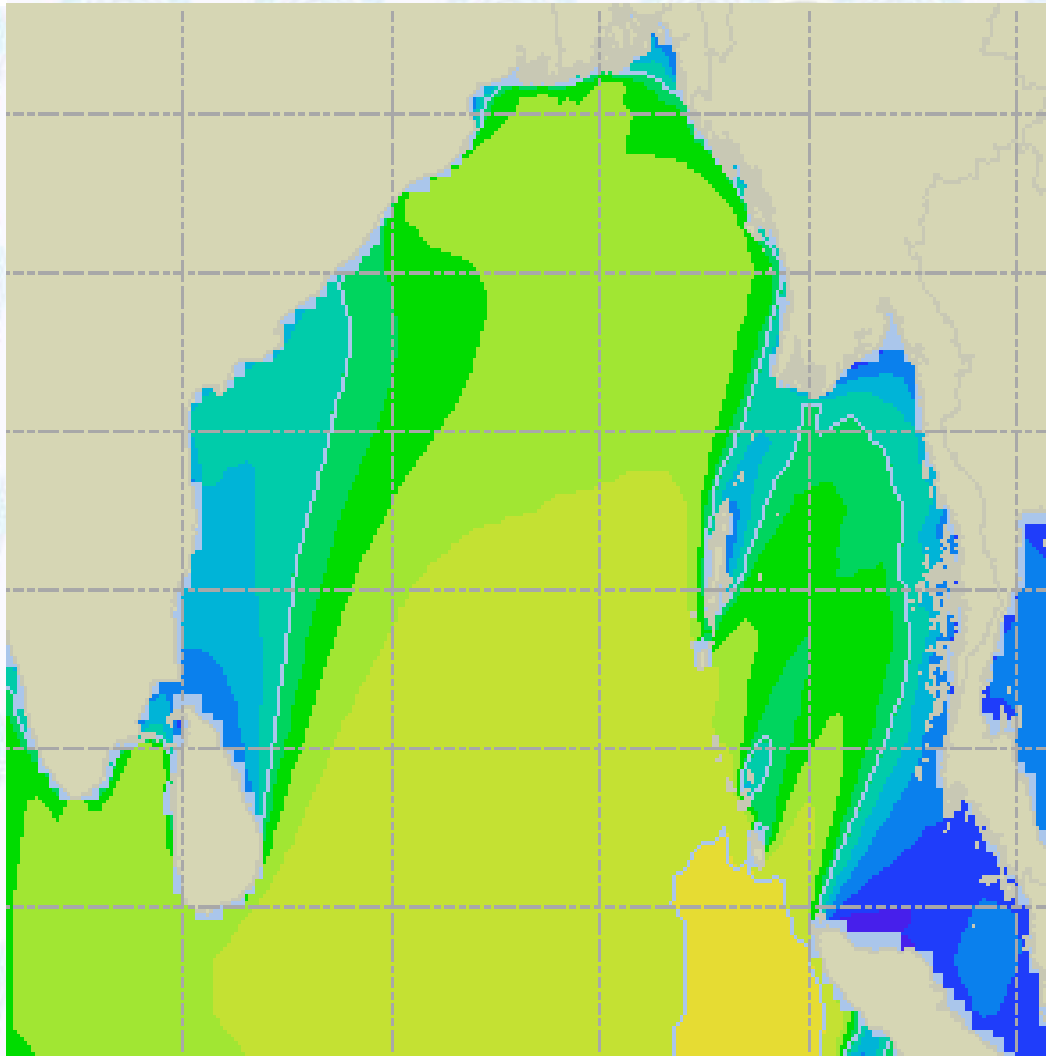
10 Knots



60 Knots



# Sea State Forecast – 01 May - 2021



| Sea State | Ht (m)     |
|-----------|------------|
| 0         | 0          |
| 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    |



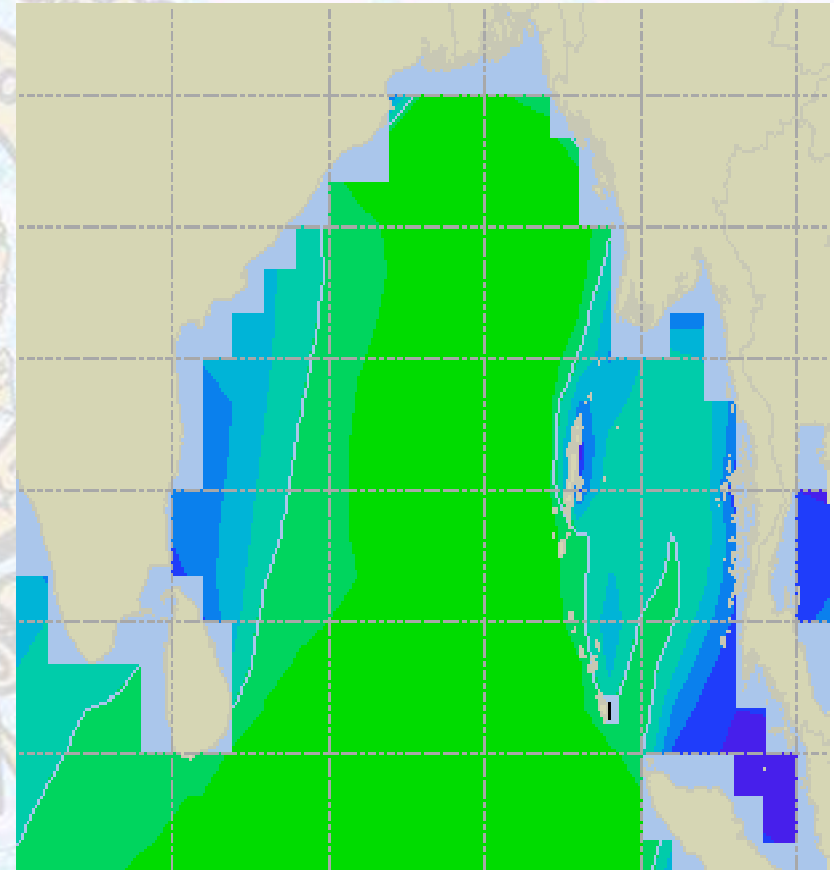
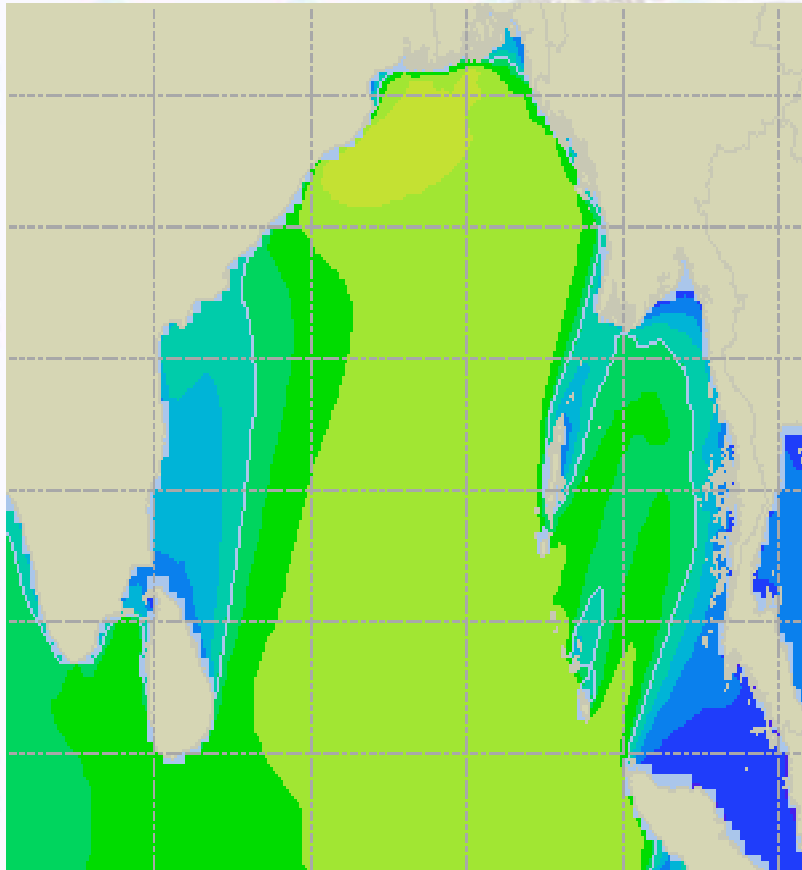




# Sea State Forecast – 02 & 03 May - 2021

02 May 21 Sunday

03 May 21 Monday

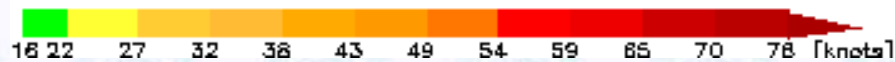
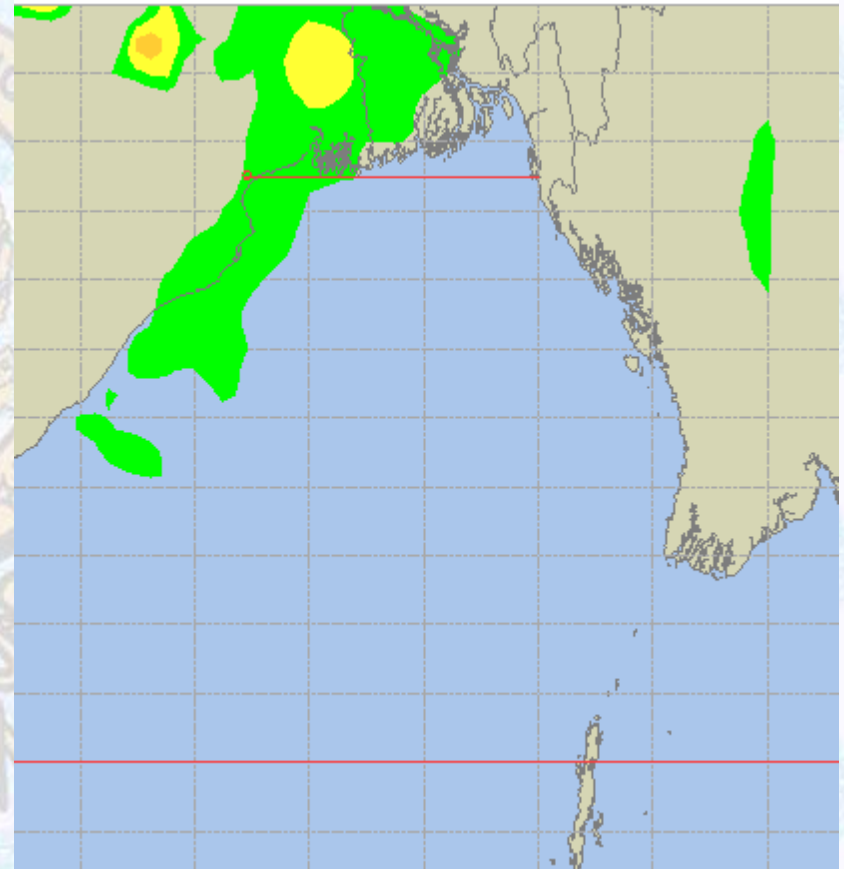
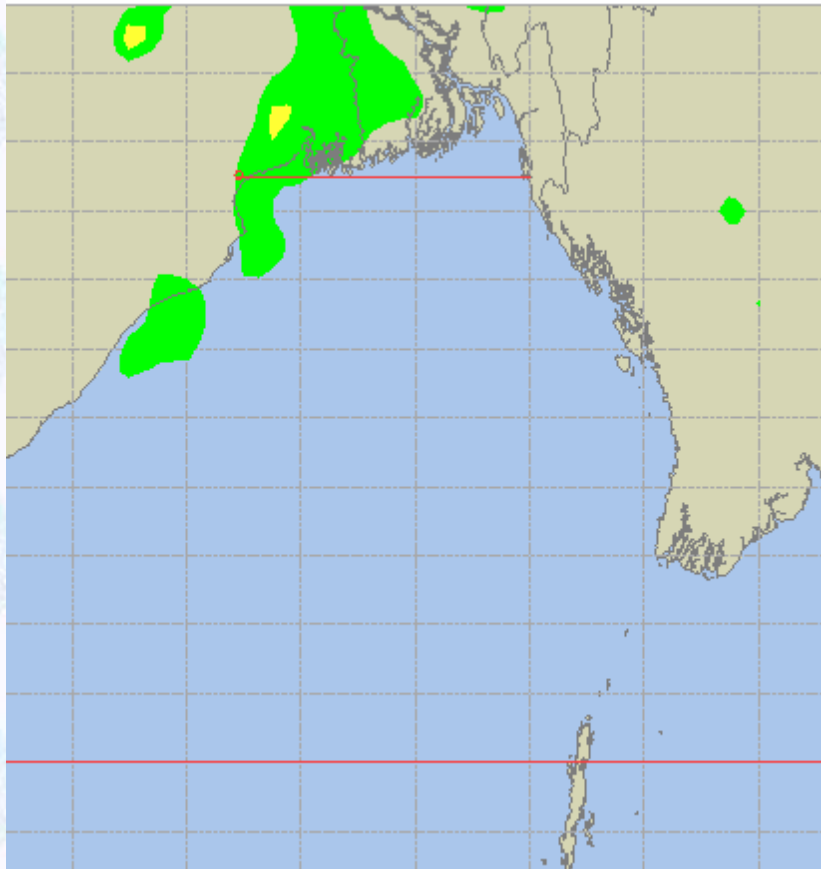




# Peak Gusting Possibilities— 01 & 02 May 2021

01 May 21 Saturday

02 May 21 Sunday

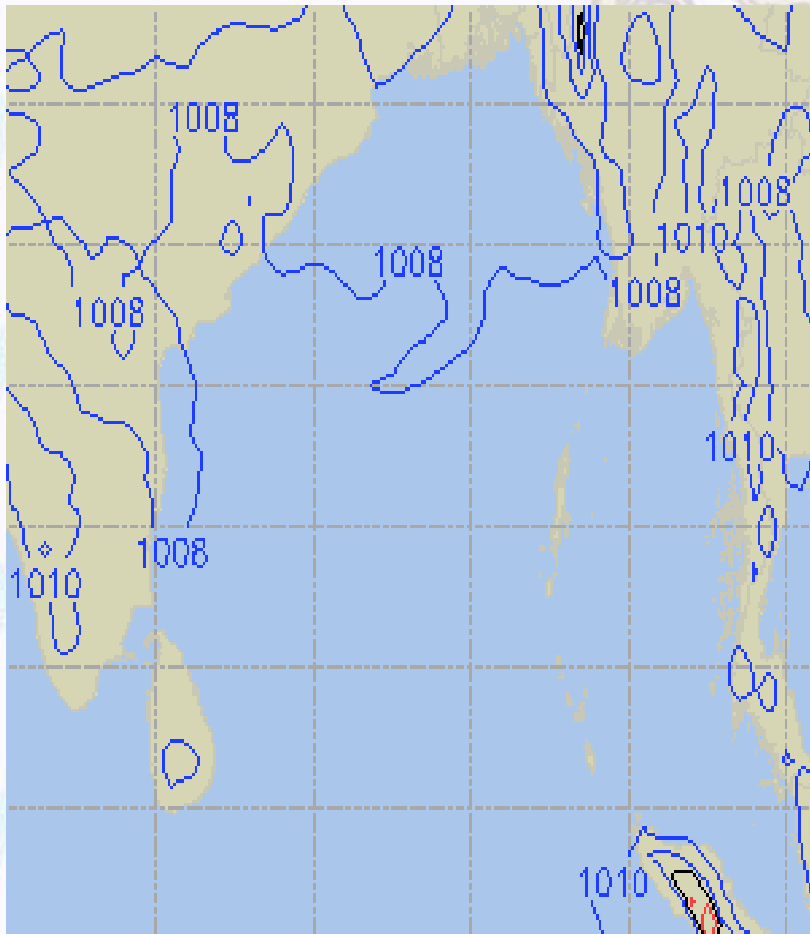




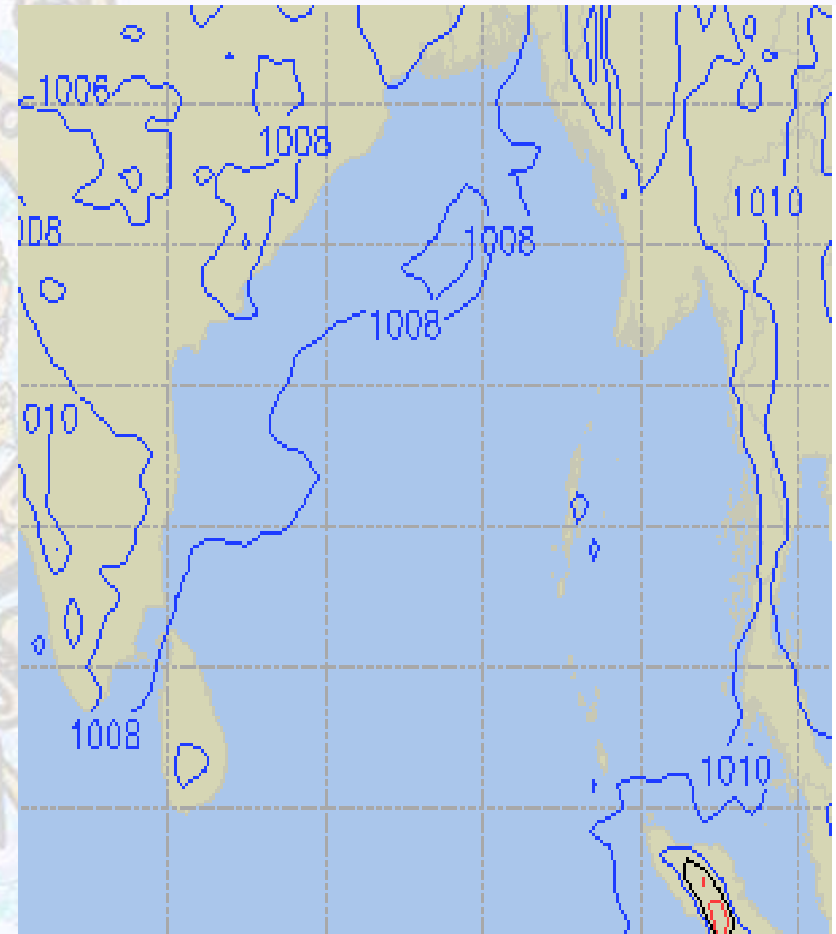


# Surface Pressure forecast – 01 & 02 May 2021

01 May 21 Saturday



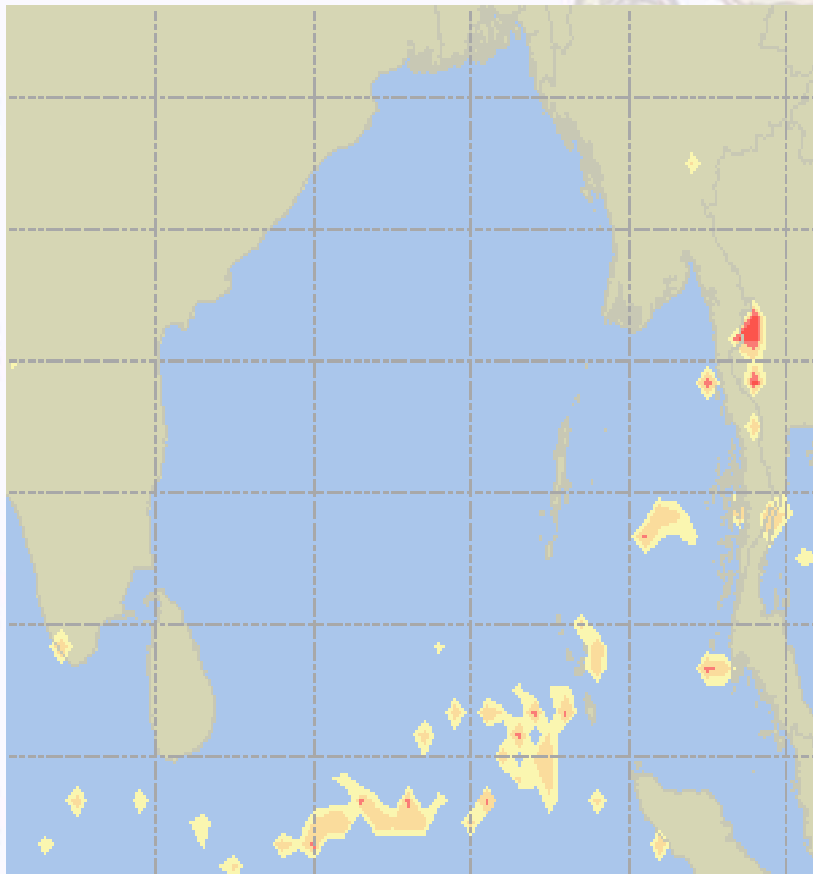
02 May 21 Sunday



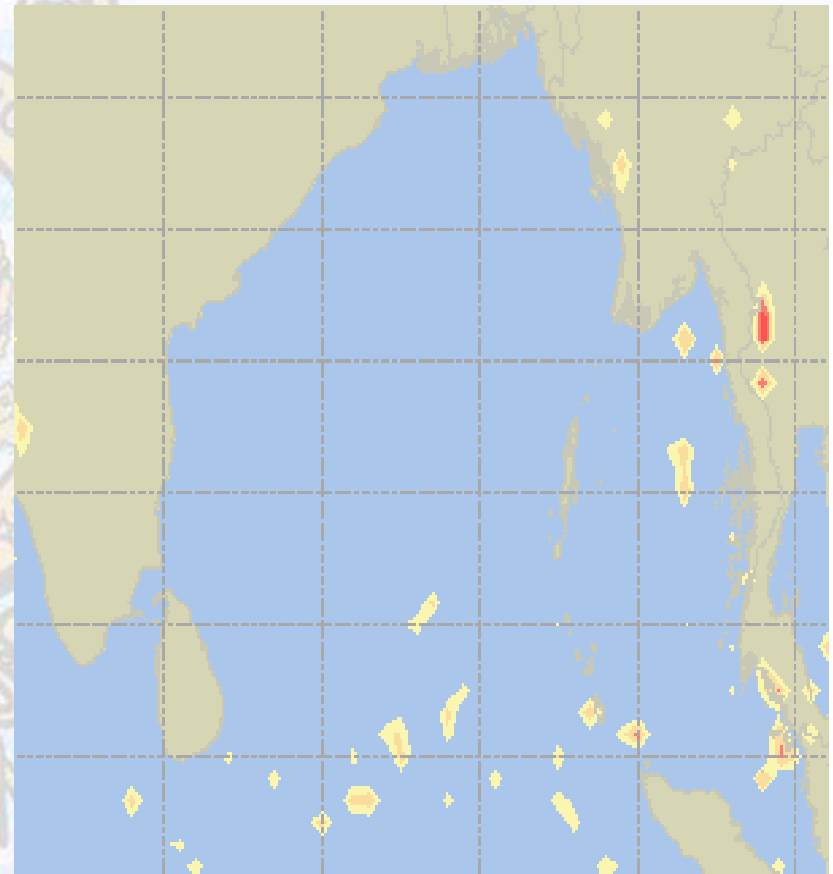


# Visibility at Sea Forecast – 01 & 02 May 2021

01 May 21 Saturday



02 May 21 Sunday



**Visibility Scale:**



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

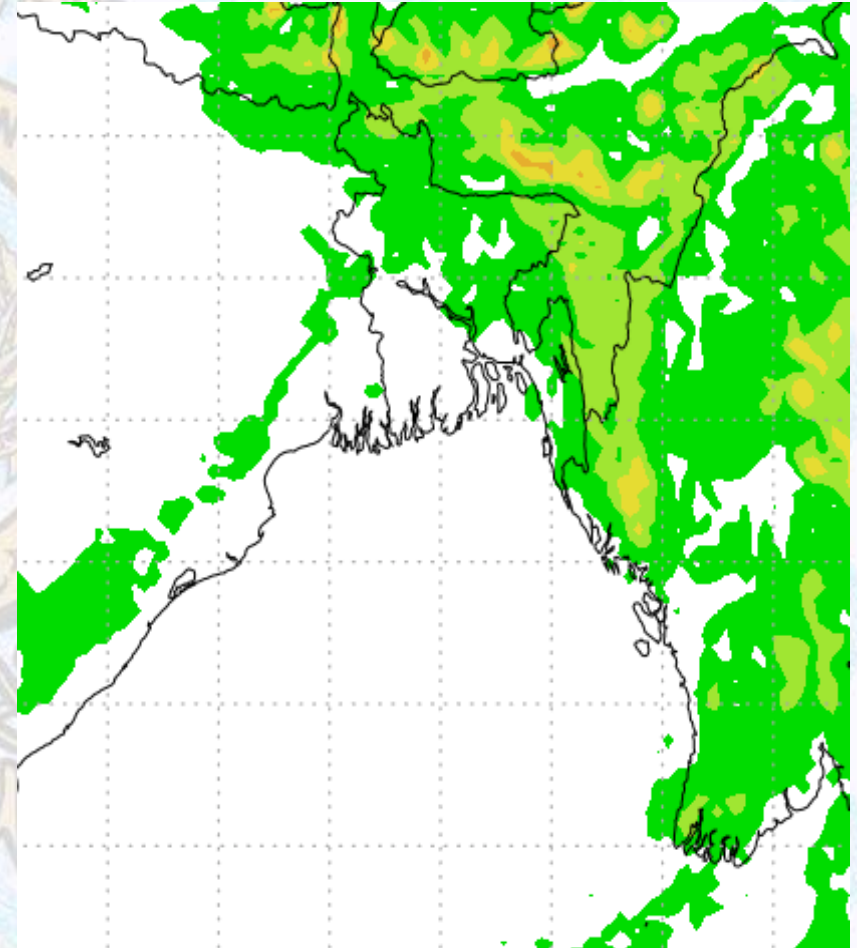
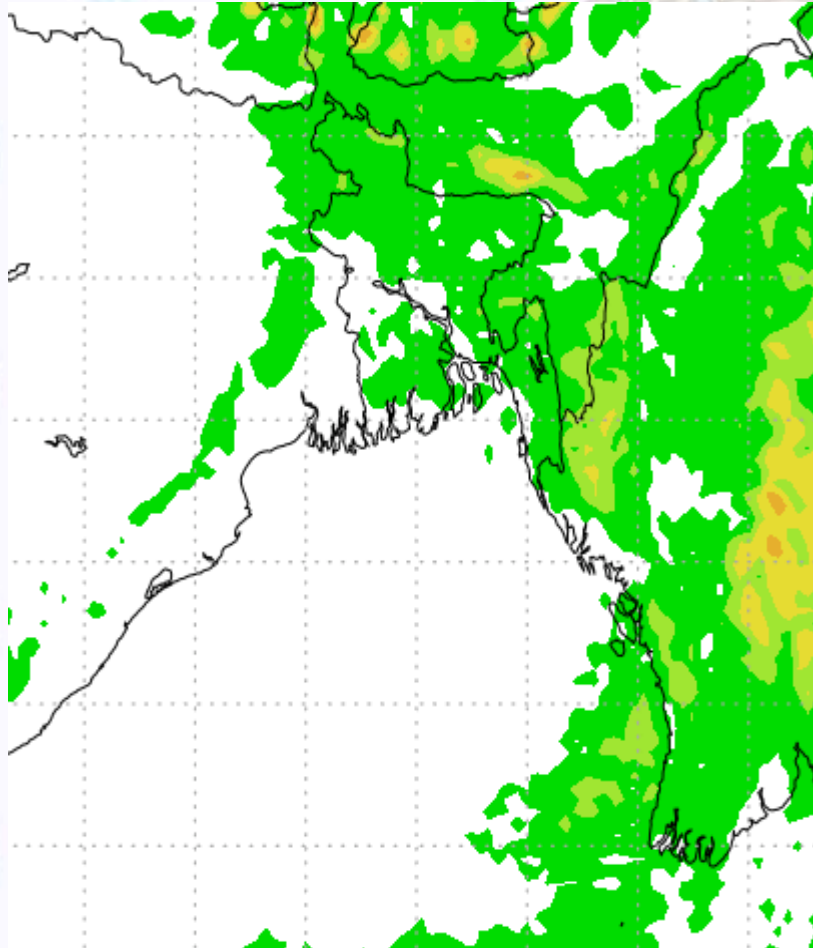




# Precipitation

Rain(mm) 01 & 02 May 21

Rain(mm) 02 & 03 May 21



Precipitation Scale (mm):





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

|             | Time | Height |  | Time | Height |  | Time | Height |
|-------------|------|--------|--|------|--------|--|------|--------|
|             |      | 0334   |  | 4.39 |        |  | 0106 | 3.12   |
| 01 May 2021 | 0958 | 0.64   |  | 0735 | 0.47   |  | 0716 | 0.63   |
|             | 1559 | 4.66   |  | 1335 | 3.38   |  | 1330 | 3.00   |
|             | 2241 | 0.80   |  | 2009 | 0.68   |  | 2001 | 0.87   |
|             |      |        |  |      |        |  |      |        |
|             | Time | Height |  | Time | Height |  | Time | Height |
|             |      | 0431   |  | 4.12 |        |  | 0155 | 2.84   |
| 02 May 2021 | 1048 | 0.94   |  | 0818 | 0.70   |  | 0801 | 0.88   |
|             | 1659 | 4.40   |  | 1425 | 3.11   |  | 1422 | 2.81   |
|             | 2344 | 1.01   |  | 2059 | 0.89   |  | 2100 | 1.06   |
|             |      |        |  |      |        |  |      |        |
|             | Time | Height |  | Time | Height |  | Time | Height |
|             |      | 0542   |  | 3.85 |        |  | 0250 | 2.58   |
| 03 May 2021 | 1154 | 1.26   |  | 0911 | 0.95   |  | 0858 | 1.13   |
|             | 1813 | 4.15   |  | 1522 | 2.85   |  | 1526 | 2.64   |
|             | -    | -      |  | 2204 | 1.08   |  | 2216 | 1.19   |
|             |      |        |  |      |        |  |      |        |