



# WEATHER FORECAST FOR BN

**10 - 13 NOV 2020**





# WEATHER FORECAST – DHAKA

## 10.11.2020

| Hourly            | 2 PM       | 4 PM       | 8 PM     | 11 PM      |
|-------------------|------------|------------|----------|------------|
| Temp. / Dew Point | 31 / 18    | 30 / 19    | 26 / 19  | 24 / 18    |
| Wind              | 9 km/h NNE | 8 km/h NNE | 3 km/h N | 3 km/h NNW |
| Humidity          | 46%        | 51%        | 65%      | 68%        |
| Chance of Precip  | 1%         | 1%         | 3%       | 4%         |
| Cloud Cover       | 1%         | 1%         | 1%       | 1%         |
| Conditions        | Sunny      | Sunny      | Clear    | Clear      |
| Sunrise           | 06: 11 AM  |            |          |            |
| Sunset            | 17: 16PM   |            |          |            |

### Conditions

Pressure : 1013 hpa

Visibility : 4.02 km

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



# WEATHER FORECAST – CHATTOGRAM

## 10.11.2020

| Hourly            | 2 PM      | 4 PM      | 8 PM      | 11 PM    |
|-------------------|-----------|-----------|-----------|----------|
| Temp. / Dew Point | 31 / 23   | 30 / 24   | 27 / 24   | 25 / 23  |
| Wind              | 8 km/h NW | 7 km/h NW | 6 km/h NW | 3 km/h N |
| Humidity          | 62%       | 69%       | 81%       | 87%      |
| Chance of Precip. | 1%        | 2%        | 5%        | 6%       |
| Cloud Cover       | 14%       | 6%        | 6%        | 5%       |
| Conditions        | Sunny     | Sunny     | Clear     | Clear    |
| Sunrise           | 06: 03 AM |           |           |          |
| Sunset            | 17: 12 PM |           |           |          |

### Conditions

Pressure : 1012 hpa

Visibility : 11.27 Km

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



# WEATHER FORECAST – KHULNA

## 10.11.2020

| Hourly            | 2 PM                   | 4 PM       | 8 PM     | 11 PM    |
|-------------------|------------------------|------------|----------|----------|
| Temp. / Dew Point | 32 / 20                | 31 / 20    | 25 / 20  | 23 / 19  |
| Wind              | 9 km/h NNE             | 8 km/h NNE | 3 km/h N | 2 km/h N |
| Humidity          | 51%                    | 54%        | 71%      | 78%      |
| Chance of Precip. | 1%                     | 1%         | 3%       | 4%       |
| Cloud Cover       | 4%                     | 3%         | 20%      | 6%       |
| Conditions        | Sunny                  | Sunny      | Clear    | Clear    |
| Sunrise<br>Sunset | 06: 13 AM<br>17: 20 PM |            |          |          |

### Conditions

Pressure : 1013 hpa

Visibility : 14.48 Km

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



# GENERAL WEATHER FORECAST – DHAKA

| Description             | 11 Nov 2020          | 12 Nov 2020         | 13 Nov 2020         |
|-------------------------|----------------------|---------------------|---------------------|
| <b>Temperature (C)</b>  | 33 °C/ 21 °C         | 32 °C/ 21 °C        | 32 °C/ 20 °C        |
| <b>Summary</b>          | Sunny                | Sunny               | Sunny               |
| <b>Sun Rise/Set</b>     | 6h14m54s/17h13m54s   | 6h11m30s/17h13m24s  | 6h12m18s/17h13m06s  |
| <b>Day Length</b>       | 11h03m00s            | 11h01m54s           | 11h00m48s           |
| <b>Moon Rise/ Set</b>   | 1:43 AM 2:37 PM      | 2:45 AM 3:17 PM     | 3:49 AM 3:58 PM     |
| <b>Moon Phase/ illu</b> | Waning Crescent, 18% | Waning Crescent, 9% | Waning Crescent, 3% |
| <b>NauticalTwilight</b> | 05:19,18:05          | 05:20,18:04         | 05:20,18:04         |
| <b>Civil Twilight</b>   | 05:46,17:37          | 05:47,17:36         | 05:48,17:37         |
| <b>Humidity</b>         | D : 57% N : 73%      | D : 60% N : 75%     | D : 60% N : 75%     |
| <b>Barometer (mb)</b>   | 1014                 | 1015                | 1015                |
| <b>Visibility</b>       | Good                 | Good                | Good                |
| <b>Precip Chance</b>    | 10%                  | 10%                 | 10%                 |
| <b>Wind (mph)</b>       | 9 Km/h N             | 8 Km/h NNW          | 8 Km/h NNW          |

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



# GENERAL WEATHER FORECAST– CHATTOGRAM

| Description             | 11 Nov 2020          | 12 Nov 2020         | 13 Nov 2020         |
|-------------------------|----------------------|---------------------|---------------------|
| <b>Temperature (C)</b>  | 32 °C/ 22 °C         | 32 °C/ 22 °C        | 31 °C/ 21 °C        |
| <b>Summary</b>          | Sunny                | Sunny               | Sunny               |
| <b>Sun Rise/Set</b>     | 6h02m48s/17h10m30s   | 6h03m24s/17h10m06s  | 6h04m12s/17h09m48s  |
| <b>Day Length</b>       | 11h07m42s            | 11h06m42s           | 11h05m36s           |
| <b>Moon Rise/ Set</b>   | 1:38 AM 2:30 PM      | 2:40 AM 3:11 PM     | 3:43 AM 3:53 PM     |
| <b>Moon Phase/ illu</b> | Waning Crescent, 18% | Waning Crescent, 9% | Waning Crescent, 3% |
| <b>NauticalTwilight</b> | 05:12 18:00          | 05:13 17:59         | 05:13 18:00         |
| <b>Civil Twilight</b>   | 05:39, 17:33         | 05:40, 17:32        | 05:40, 17:33        |
| <b>Humidity</b>         | D : 74% N : 89%      | D : 75% N : 90%     | D : 76% N : 90%     |
| <b>Barometer (mb)</b>   | 1014                 | 1014                | 1014                |
| <b>Visibility</b>       | Good                 | Good                | Good                |
| <b>Precip Chance</b>    | 10%                  | 10%                 | 10%                 |
| <b>Wind (mph)</b>       | 7 Km/h NNW           | 7 Km/h NNW          | 7 Km/h NNW          |

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



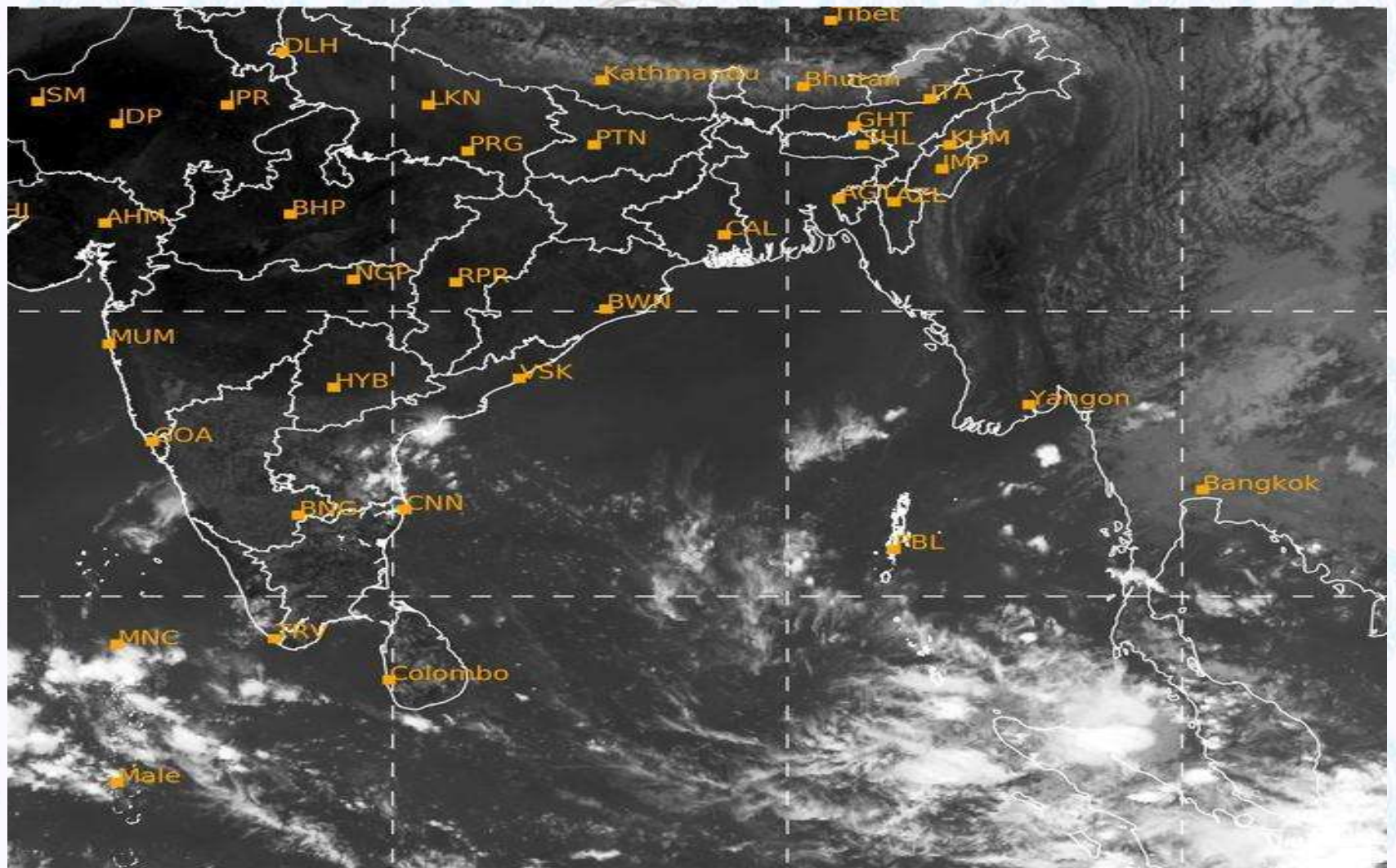
# GENERAL WEATHER FORECAST – KHULNA

| Description             | 11 Nov 2020          | 12 Nov 2020         | 13 Nov 2020         |
|-------------------------|----------------------|---------------------|---------------------|
| <b>Temperature(C)</b>   | 33°C/ 20°C           | 32°C/ 20°C          | 32°C/ 20°C          |
| <b>Summary</b>          | Sunny                | Sunny               | Sunny               |
| <b>Sun Rise/Set</b>     | 6h12m48s/17h18m54s   | 6h13m18s/17h18m24s  | 6h14m06s/17h18m06s  |
| <b>Day Length</b>       | 11h06m06s            | 11h05m06s           | 11h04m00s           |
| <b>Moon Rise/Set</b>    | 1:47 AM 2:40 PM      | 2:49 AM 3:21 PM     | 3:52 AM 4:02 PM     |
| <b>Moon Phase/illu</b>  | Waning Crescent, 18% | Waning Crescent, 9% | Waning Crescent, 3% |
| <b>NauticalTwilight</b> | 05:22, 18:08         | 05:23, 18:07        | 05:23, 18:09        |
| <b>Civil Twilight</b>   | 05:49, 17:41         | 05:50, 17:40        | 05:50, 17:41        |
| <b>Humidity</b>         | D : 58% N : 75%      | D : 58% N : 75%     | D : 57% N : 70%     |
| <b>Barometer (mb)</b>   | 1014                 | 1014                | 1014                |
| <b>Visibility</b>       | Good                 | Good                | Good                |
| <b>Precip Chance</b>    | 10%                  | 10%                 | 10%                 |
| <b>Wind (mph)</b>       | 10 km/h N            | 11 km/h NNW         | 13 km/h NNW         |

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



# SATELLITE VIEW OF BAY OF BENGAL



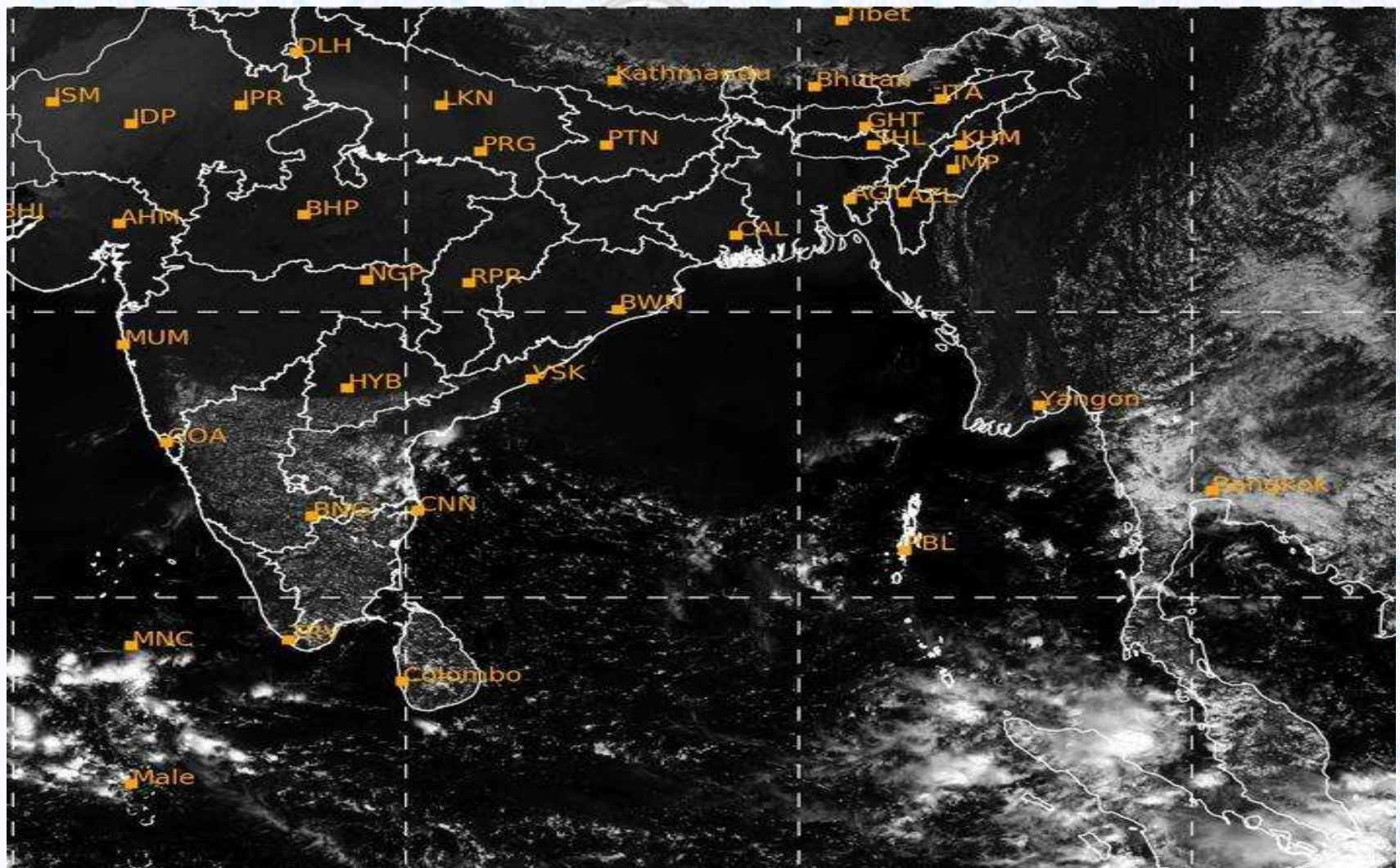
10/11/2020, 11:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



10/11/2020, 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 10.11.2020)

|                   |                                    |  |
|-------------------|------------------------------------|--|
| <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 C-90.                |
|                   | Wind                               | NORTH/NORTH-EASTERLY 08-12 KTS.                        |
|                   | Visibility                         | 03-05 KMS, REDUCING TO 2000 M OR LESS IN RAIN/SHOWERS. |
|                   | Outlook                            | FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.                |
|                   | MSL Pressure                       | AT = 10,0000 UTC.<br>CHATTOGRAM =1016 HPA              |



# Inland River Port Warning (VALID TILL 06 PM OF 10.11.2020)

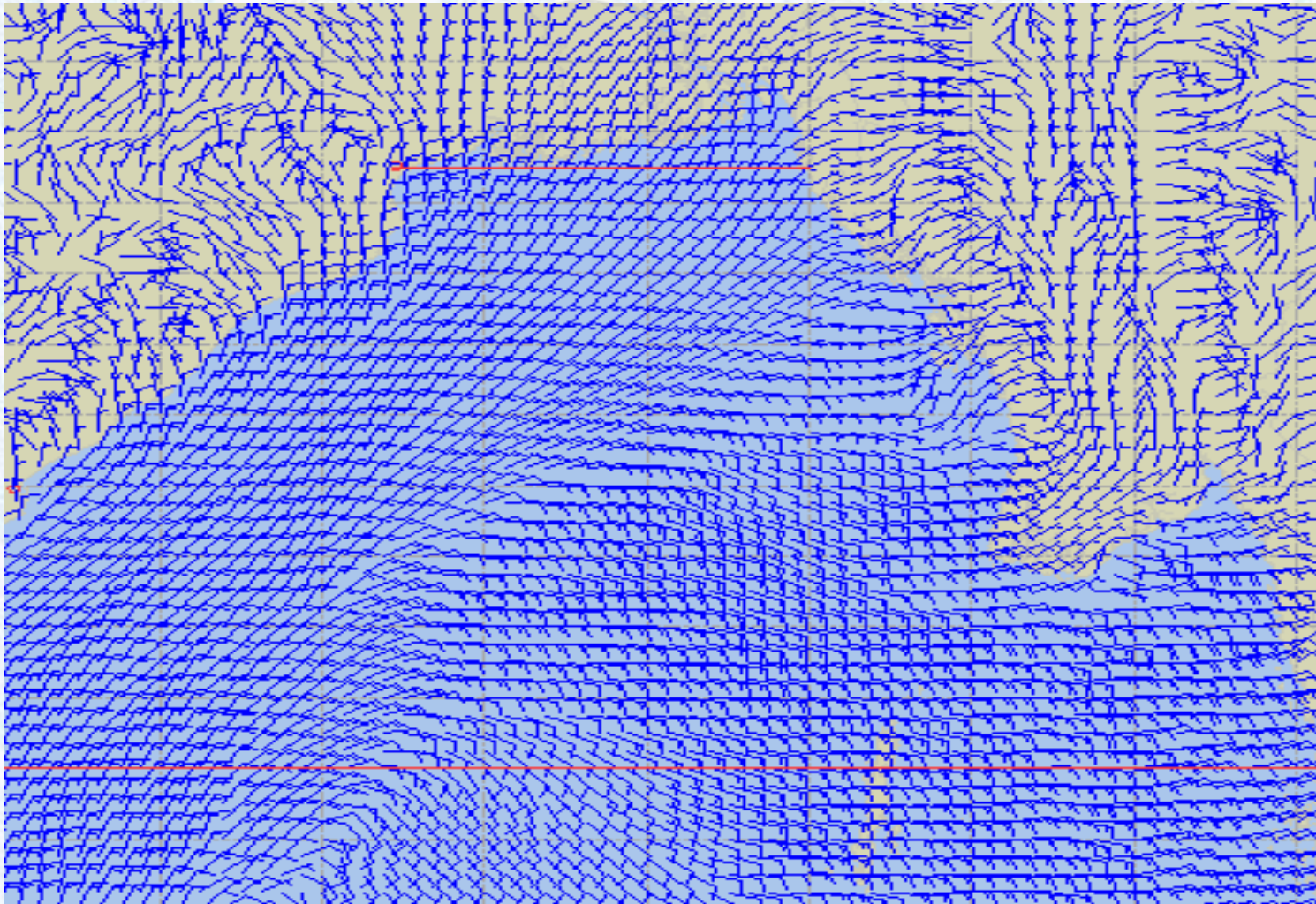
THERE IS NO INLAND RIVERPORTS WARNING AND NO SIGNAL IS TO BE HOISTED.



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



# Surface Wind Forecast- 11 Nov - 2020



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



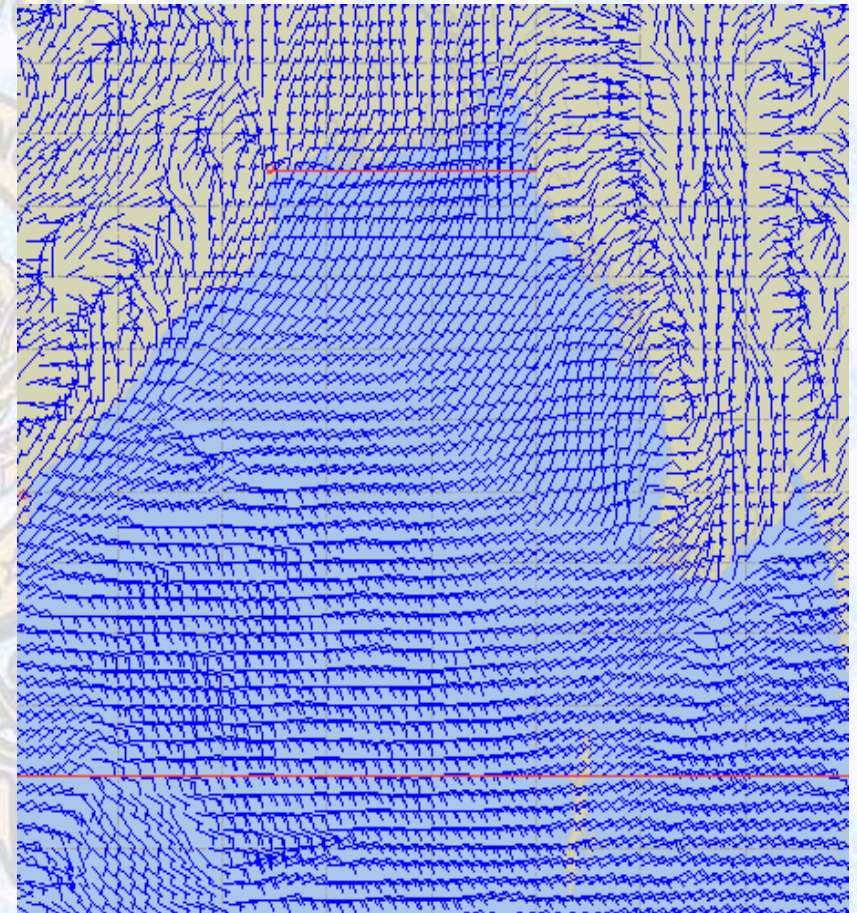
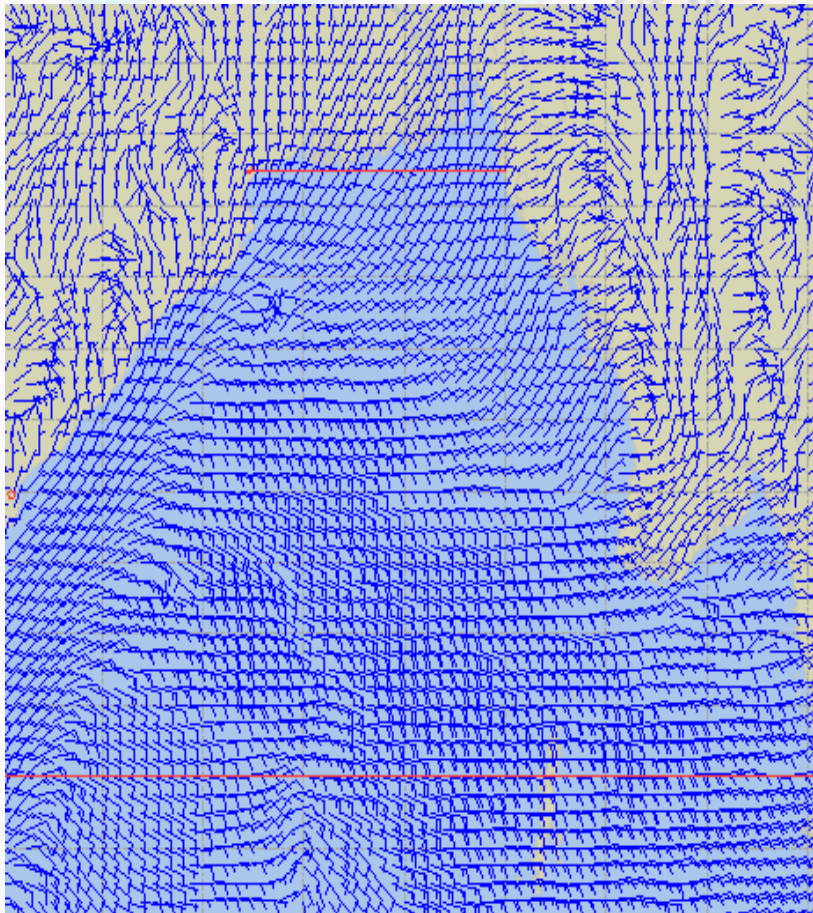
**60 Knots**



# Surface Wind Forecast – 12 & 13 Nov- 2020

12 Nov 20 Thursday

13 Nov 20 Friday



**Legend:**



Calm  
Winds



5 Knots



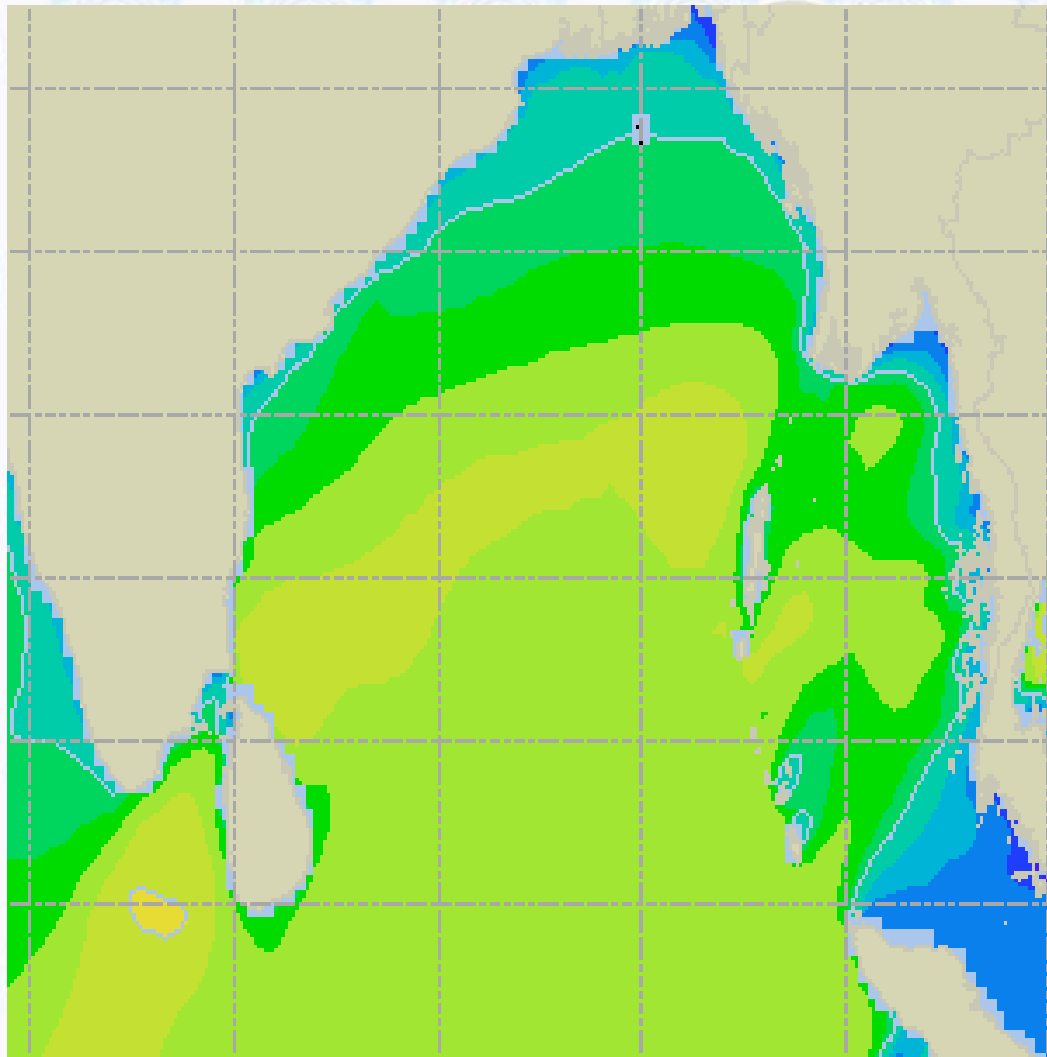
10 Knots



60 Knots



# Sea State Forecast – 11 Nov- 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  |

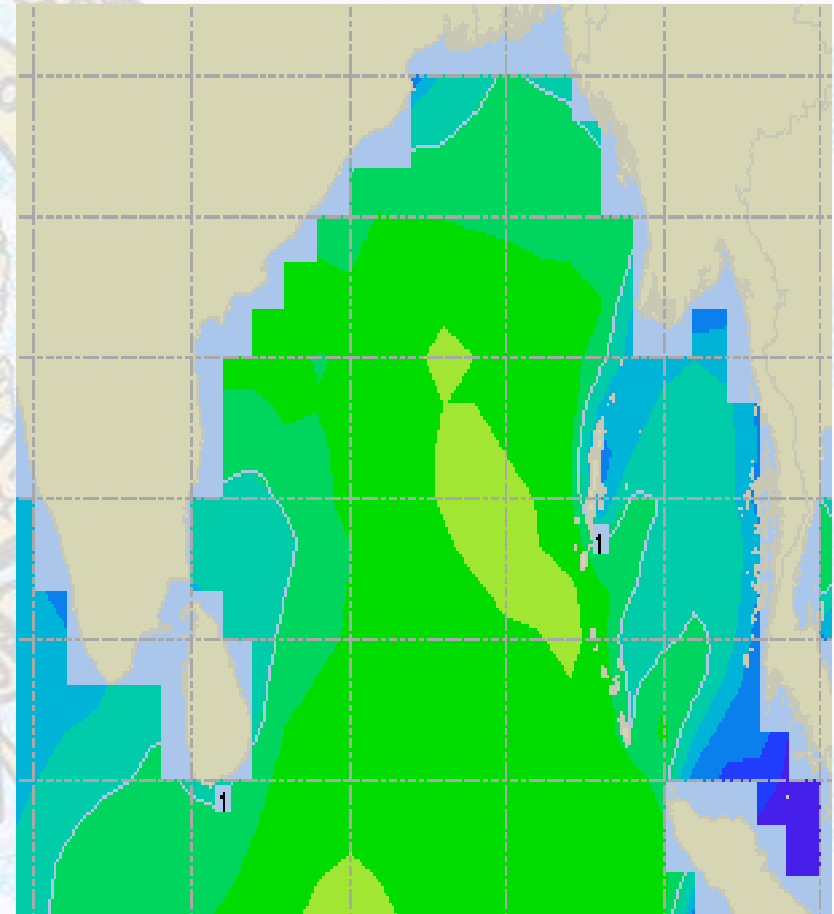
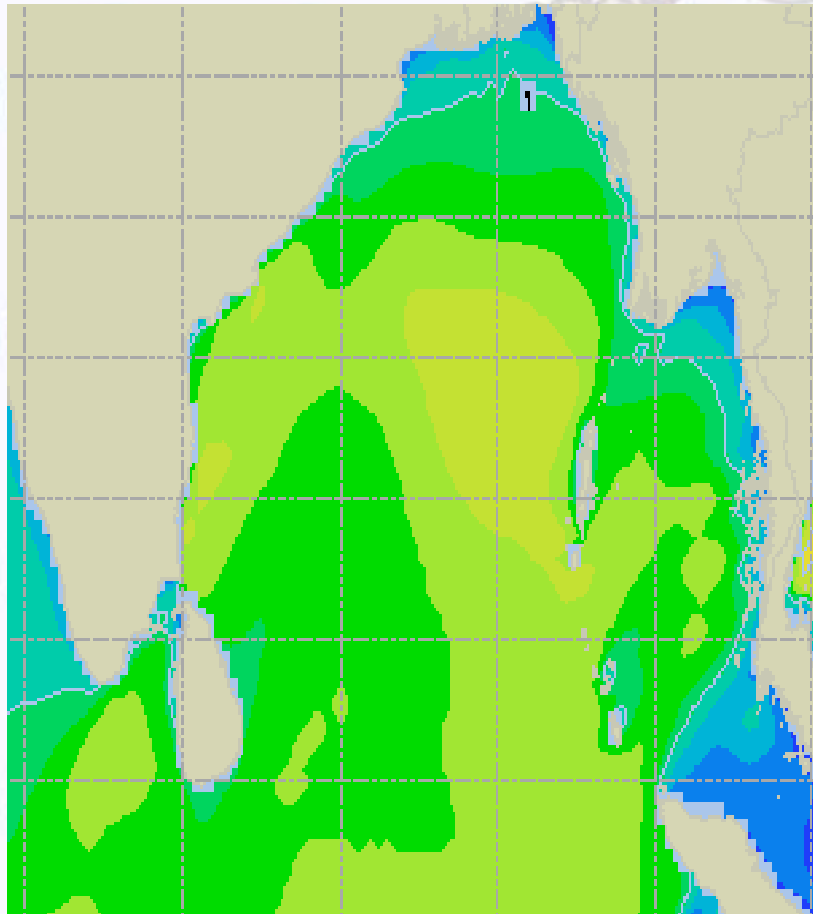




# Sea State Forecast – 12 & 13 Nov- 2020

12 Nov 20 Thursday

13 Nov 20 Friday

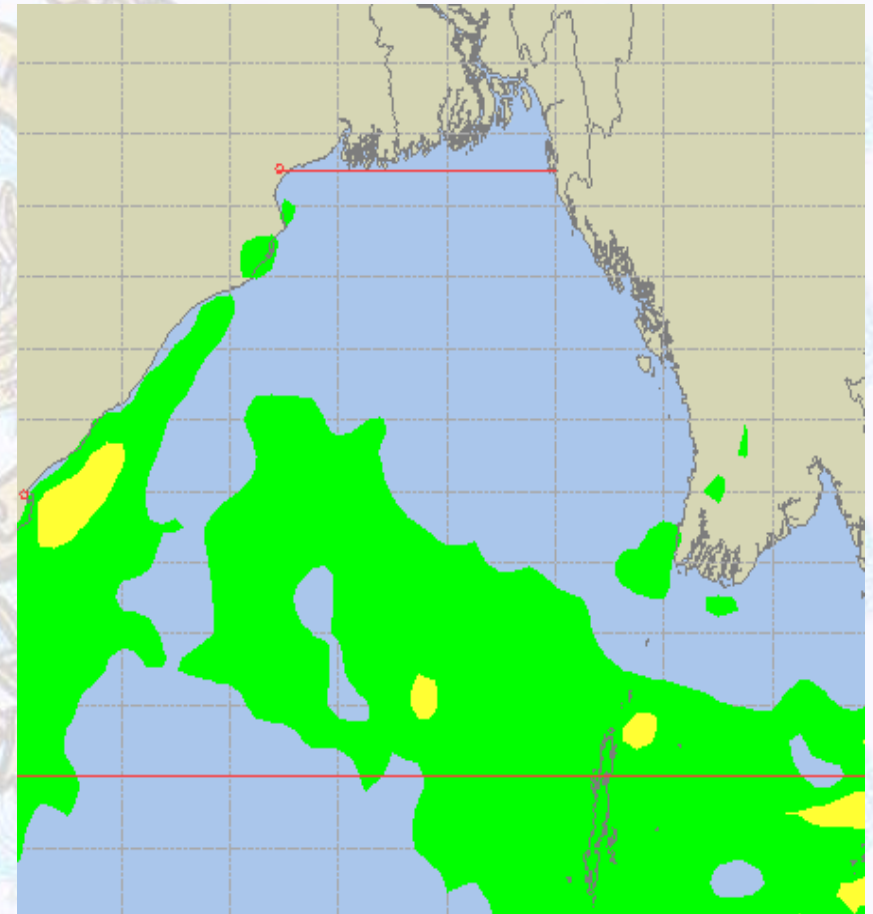
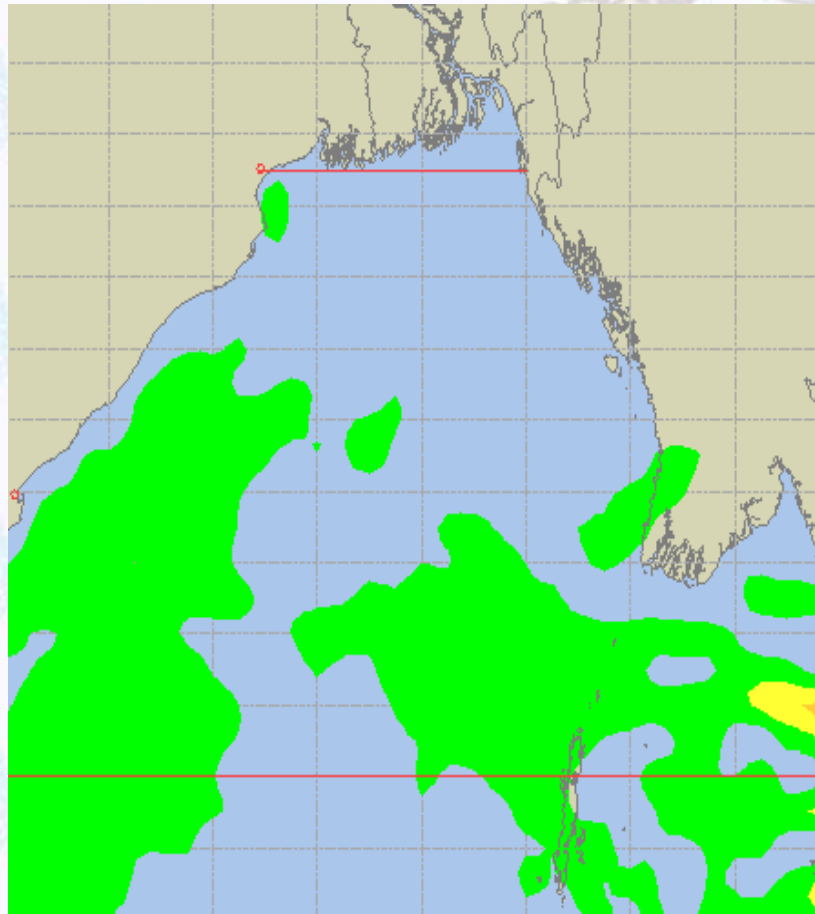




# Peak Gusting Possibilities— 11 & 12 Nov 2020

11 Nov 20 Wednesday

12 Nov 20 Thursday

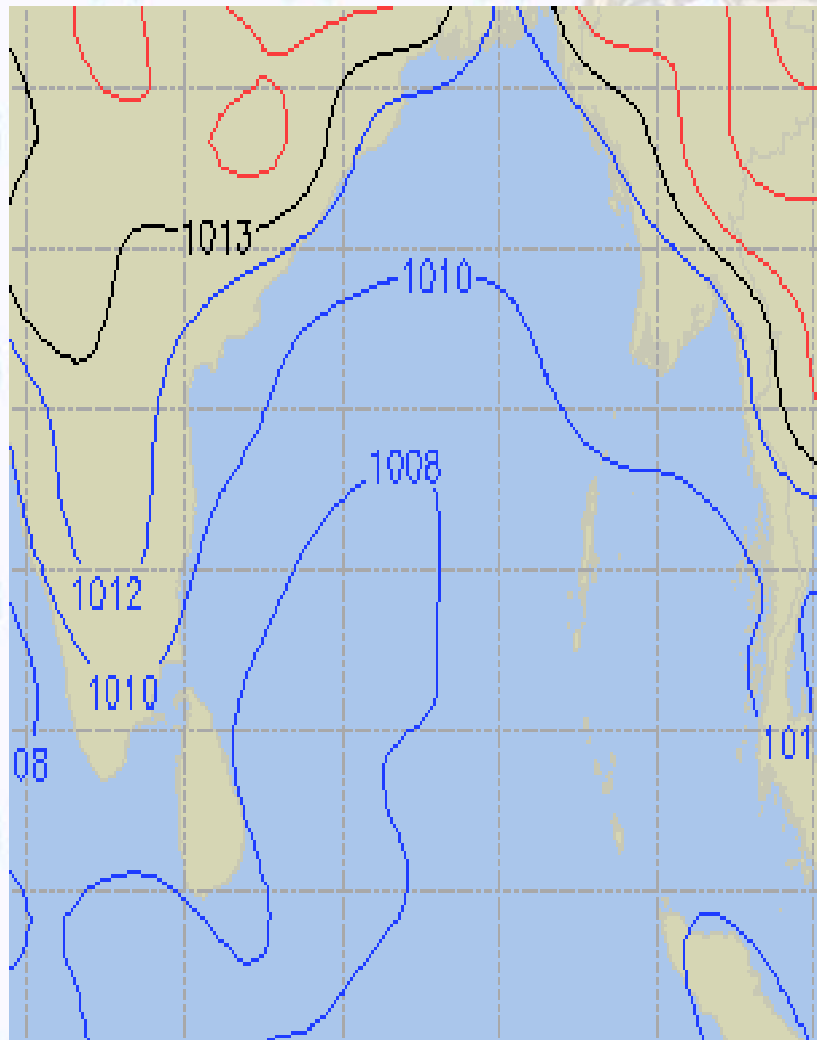




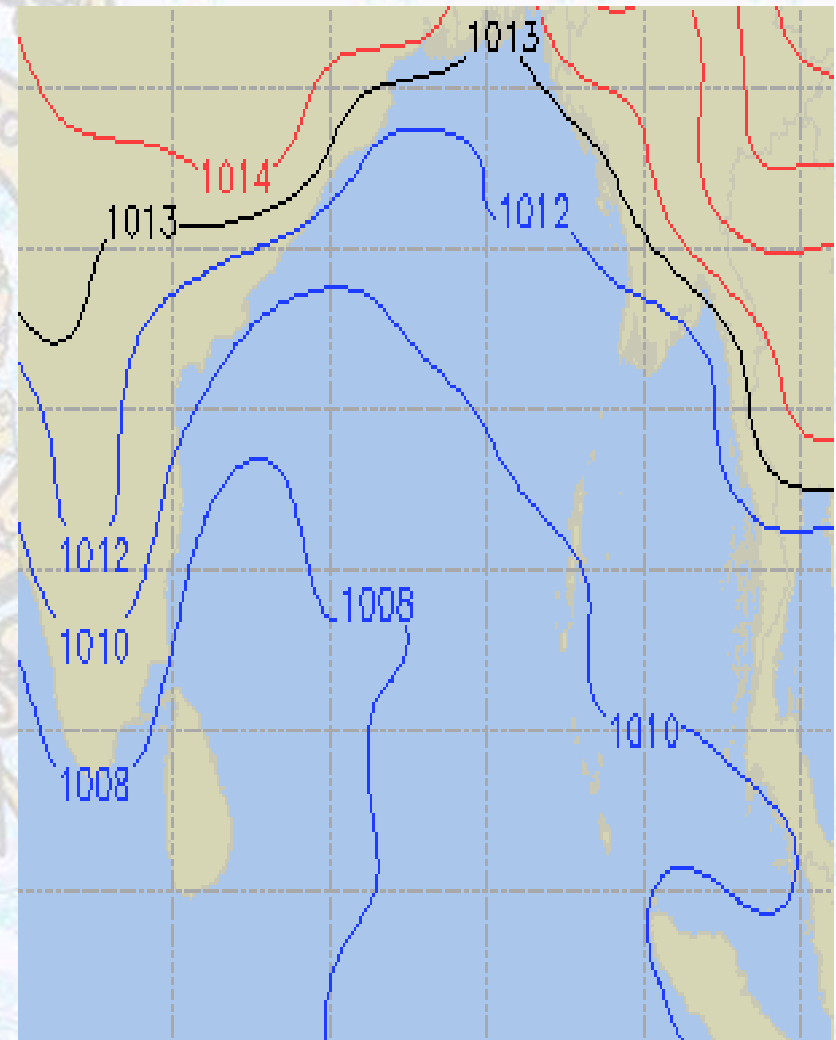


# Surface Pressure forecast– 11 & 12 Nov 2020

11 Nov 20 Wednesday



12 Nov 20 Thursday

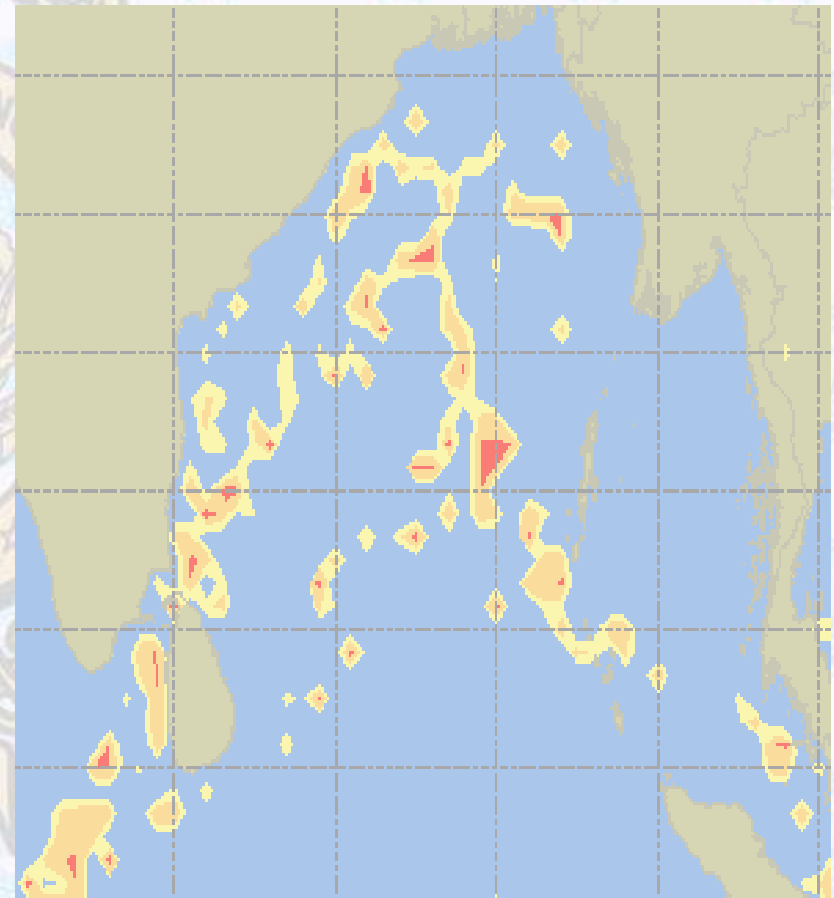
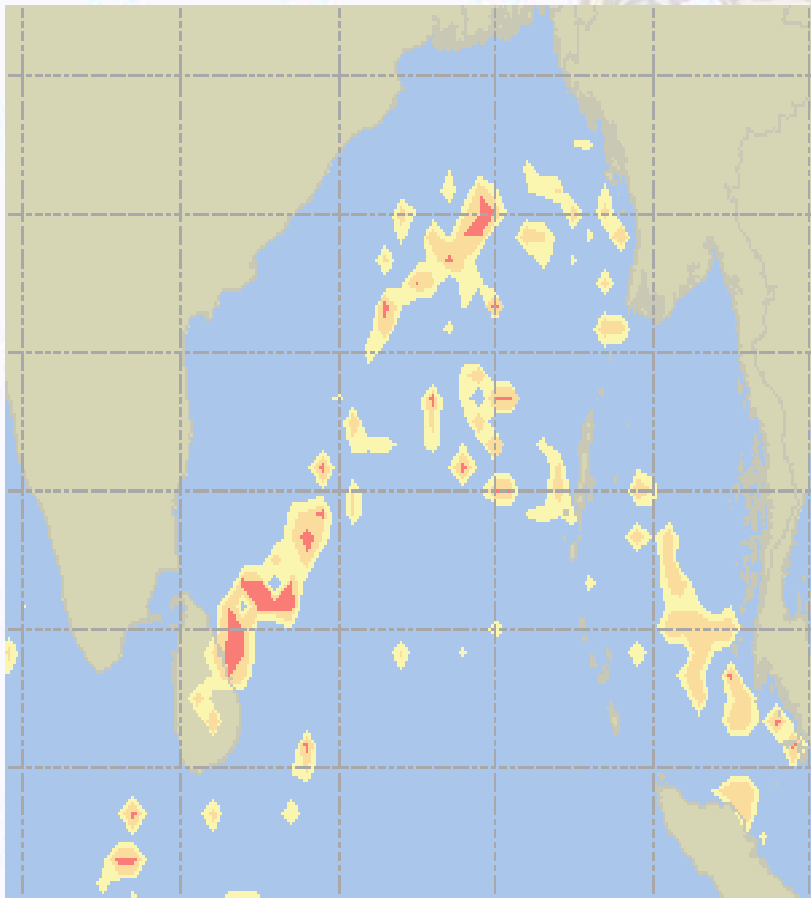




# Visibility at Sea Forecast – 11 & 12 Nov 2020

11 Nov 20 Wednesday

12 Nov 20 Thursday



**Visibility Scale:**



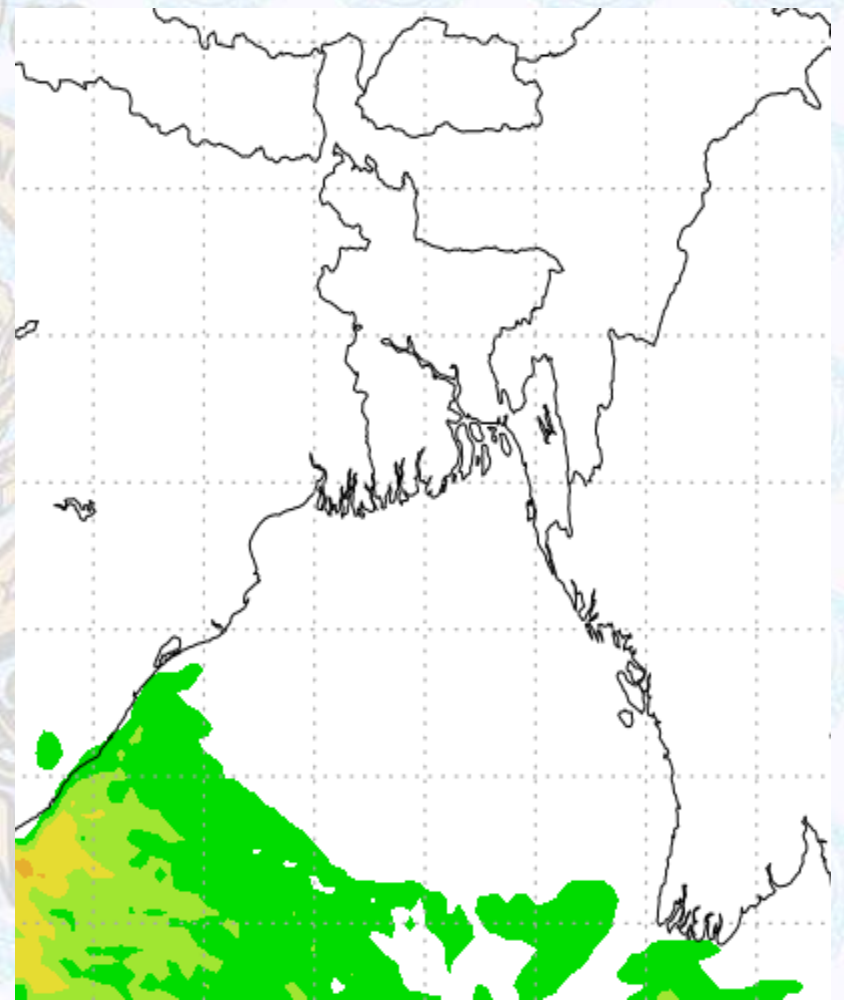
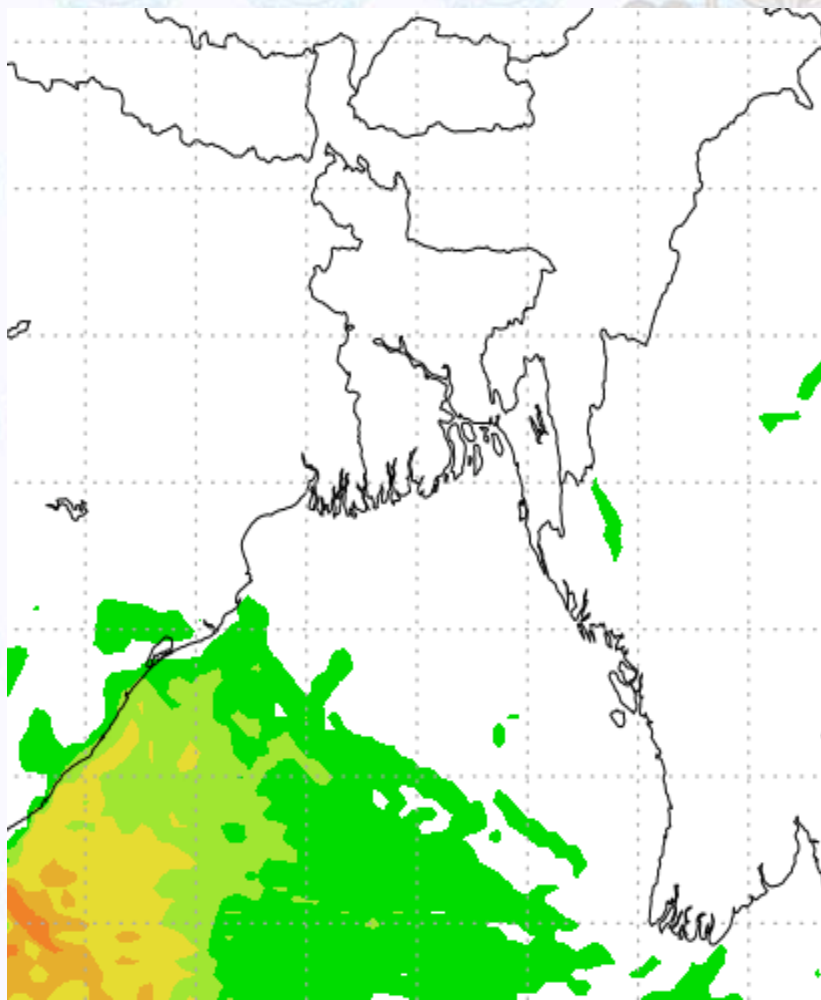
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



# Precipitation

Rain(mm) 11 & 12 Nov 2020

Rain(mm) 12 & 13 Nov 2020



Precipitation Scale (mm):





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

|                    |             |               |  |             |               |  |             |               |
|--------------------|-------------|---------------|--|-------------|---------------|--|-------------|---------------|
| <b>11 Nov 2020</b> | <b>Time</b> | <b>Height</b> |  | <b>Time</b> | <b>Height</b> |  | <b>Time</b> | <b>Height</b> |
|                    | 0327        | 1.30          |  | 0103        | 1.18          |  | 0041        | 1.30          |
|                    | 0920        | 4.11          |  | 0658        | 2.88          |  | 0648        | 2.72          |
|                    | 1603        | 0.88          |  | 1339        | 0.98          |  | 1324        | 0.99          |
|                    | 2208        | 4.34          |  | 1939        | 3.04          |  | 1941        | 2.82          |
| <b>12 Nov 2020</b> | <b>Time</b> | <b>Height</b> |  | <b>Time</b> | <b>Height</b> |  | <b>Time</b> | <b>Height</b> |
|                    | 0438        | 0.99          |  | 0213        | 1.00          |  | 0153        | 1.11          |
|                    | 1023        | 4.32          |  | 0758        | 3.09          |  | 0752        | 2.84          |
|                    | 1701        | 1.65          |  | 1436        | 0.80          |  | 1420        | 0.78          |
|                    | 2300        | 4.69          |  | 2029        | 3.38          |  | 2034        | 3.07          |
| <b>13 Nov 2020</b> | <b>Time</b> | <b>Height</b> |  | <b>Time</b> | <b>Height</b> |  | <b>Time</b> | <b>Height</b> |
|                    | 0534        | 0.70          |  | 0310        | 0.81          |  | 0252        | 0.90          |
|                    | 1116        | 4.51          |  | 0848        | 3.29          |  | 0846        | 2.96          |
|                    | 1751        | 0.46          |  | 1527        | 0.64          |  | 1509        | 0.61          |
|                    | 2344        | 4.94          |  | 2115        | 3.66          |  | 2119        | 3.26          |