



# WEATHER FORECAST FOR BN

*31 MAY - 03 JUN 2021*





# WEATHER FORECAST – DHAKA

## 31.05.2021

| Hourly            | 2 PM        | 4 PM        | 8 PM        | 11 PM       |
|-------------------|-------------|-------------|-------------|-------------|
| Temp. / Dew Point | 29°C / 25°C | 30°C / 25°C | 28°C / 25°C | 27°C / 25°C |
| Wind              | 17 km/h SSW | 19 km/h S   | 11 km/h SSE | 14 m/h SSE  |
| Humidity          | 58%         | 61%         | 72%         | 76%         |
| Chance of Precip  | 34%         | 11%         | 14%         | 22%         |
| Cloud Cover       | 95%         | 99%         | 95%         | 90%         |
| Conditions        | Rain        | Rain        | Rain        | Rain        |
| Sunrise / Sunset  | 0510 / 1841 |             |             |             |

### Conditions

Pressure : 1002 hpa

Visibility : 4.02 km

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





# WEATHER FORECAST – CHATTOGRAM

## 31.05.2021

| Hourly            | 2 PM          | 4 PM          | 8 PM        | 11 PM       |
|-------------------|---------------|---------------|-------------|-------------|
| Temp. / Dew Point | 33°C / 25°C   | 32°C / 25°C   | 30°C / 27°C | 29°C / 26°C |
| Wind              | 25 km/h SSW   | 12 km/h SSW   | 18 km/h S   | 17 km/h S   |
| Humidity          | 62%           | 68%           | 83%         | 86%         |
| Chance of Precip. | 2%            | 2%            | 15%         | 24%         |
| Cloud Cover       | 42%           | 37%           | 74%         | 84%         |
| Conditions        | Partly Cloudy | Partly Cloudy | Rain        | Rain        |
| Sunrise / Sunset  | 0508 / 1832   |               |             |             |

### Conditions

Pressure : 1004 hpa

Visibility : 4.02 Km

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



# WEATHER FORECAST – KHULNA

## 31.05.2021

| Hourly             | 2 PM        | 4 PM        | 8 PM        | 11 PM       |
|--------------------|-------------|-------------|-------------|-------------|
| Temp. / Dew Point  | 30°C / 26°C | 29°C / 26°C | 28°C / 27°C | 27°C / 26°C |
| Wind               | 13 km/h SSW | 14 km/h SSW | 13 km/h S   | 14 m/h S    |
| Humidity           | 64%         | 68%         | 80%         | 84%         |
| Chance of Precip.  | 16%         | 17%         | 15%         | 15%         |
| Cloud Cover        | 96%         | 98%         | 83%         | 83%         |
| Conditions         | Rain        | Rain        | Rain        | Rain        |
| Sunrise/<br>Sunset | 0516 / 1843 |             |             |             |

### Conditions

Pressure : 1002 hpa

Visibility : 10.48 Km

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





# GENERAL WEATHER FORECAST – DHAKA

| Description              | 01 Jun 2021         | 02 Jun 2021        | 03 Jun 2021          |
|--------------------------|---------------------|--------------------|----------------------|
| <b>Temperature (C)</b>   | 34°C / 28°C         | 34°C / 28°C        | 34°C / 27°C          |
| <b>Summary</b>           | Rain                | Rain               | Rain                 |
| <b>Sun Rise/Set</b>      | 5h10m42s/18h42m06s  | 5h10m36s/18h42m24s | 5h10m36s/18h42m54s   |
| <b>Day Length</b>        | 13h31m24s           | 13h31m48s          | 13h32m18s            |
| <b>Moon Rise/ Set</b>    | -/ 10:50AM          | 12:18 AM / 11:51AM | 12:54AM / 12:44PM    |
| <b>Moon Phase/ illu</b>  | Waning Gibbous, 58% | Last Quarter, 48%  | Waning Crescent, 37% |
| <b>Nautical Twilight</b> | 04:23, 19:29        | 04:23, 19:29       | 04:23, 19:29         |
| <b>Civil Twilight</b>    | 04:50, 19:08        | 04:50, 19:08       | 04:50, 19:08         |
| <b>Humidity</b>          | D : 79% N : 86%     | D : 78% N : 85%    | D : 78% N : 85%      |
| <b>Barometer (mb)</b>    | 1003                | 1003               | 1005                 |
| <b>Visibility</b>        | Moderate            | Moderate           | Moderate             |
| <b>Precip Chance</b>     | 76%                 | 74%                | 58%                  |
| <b>Wind (km/hr)</b>      | 14 Km/h, SSW        | 16 Km/h, SSW       | 15 Km/h, SSW         |

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



# GENERAL WEATHER FORECAST – CHATTOGRAM

| Description              | 01 Jun 2021         | 02 Jun 2021         | 03 Jun 2021          |
|--------------------------|---------------------|---------------------|----------------------|
| <b>Temperature (C)</b>   | 30°C/ 27°C          | 31°C/ 27°C          | 31°C/ 27°C           |
| <b>Summary</b>           | Rain                | Rain                | Rain                 |
| <b>Sun Rise/Set</b>      | 5h08m00s/ 18h33m12s | 5h08m00s/ 18h33m30s | 5h08m00s/ 18h34m00s  |
| <b>Day Length</b>        | 13h25m12s           | 13h25m30s           | 13h26m00s            |
| <b>Moon Rise/ Set</b>    | -/ 10:50AM          | 12:11 AM / 11:47AM  | 12:54AM / 12:44PM    |
| <b>Moon Phase/ illu</b>  | Waning Gibbous, 58% | Last Quarter, 48%   | Waning Crescent, 37% |
| <b>Nautical Twilight</b> | 04:20, 19:28        | 04:20, 19:28        | 04:20, 19:29         |
| <b>Civil Twilight</b>    | 04:45, 18:54        | 04:45, 18:54        | 04:45, 18:55         |
| <b>Humidity</b>          | D : 79% N : 89%     | D : 81% N : 90%     | D : 81% N : 90%      |
| <b>Barometer (mb)</b>    | 1005                | 1005                | 1005                 |
| <b>Visibility</b>        | Moderate            | Moderate            | Moderate             |
| <b>Precip Chance</b>     | 80%                 | 59%                 | 57%                  |
| <b>Wind (km/hr)</b>      | 20 Km/h, SSW        | 16 Km/h, SSW        | 15 Km/h, SW          |

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





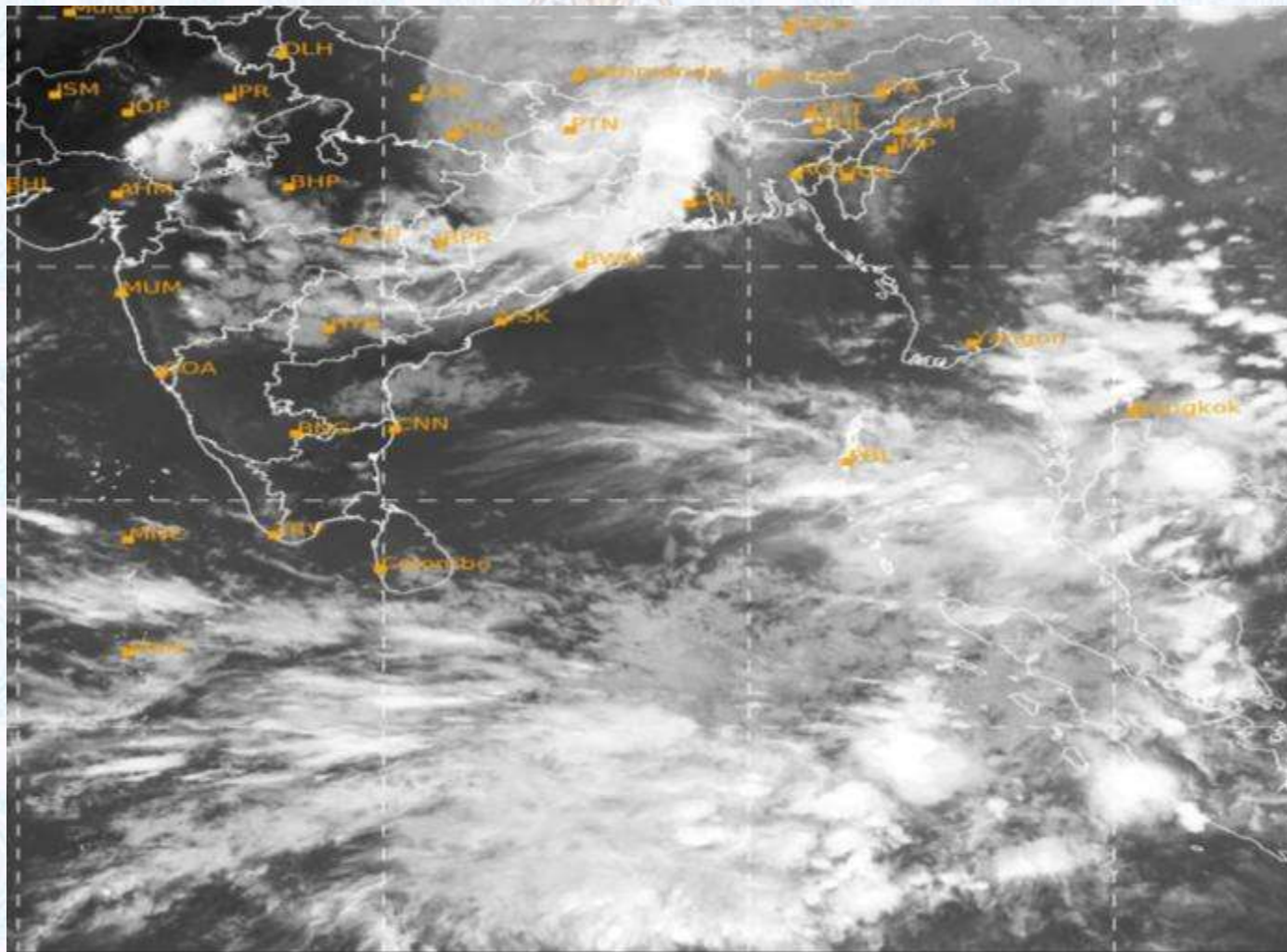
# GENERAL WEATHER FORECAST – KHULNA

| Description              | 01 Jun 2021         | 02 Jun 2021         | 03 Jun 2021          |
|--------------------------|---------------------|---------------------|----------------------|
| <b>Temperature(C)</b>    | 34°C / 28°C         | 33°C / 28°C         | 33°C / 28°C          |
| <b>Summary</b>           | Rain                | Rain                | Rain                 |
| <b>Sun Rise/Set</b>      | 5h16m06s/ 18h43m24s | 5h16m00s/ 18h43m42s | 5h16m00s/ 18h44m12s  |
| <b>Day Length</b>        | 13h 27m 18s         | 13h 27m 42s         | 13h 28m 12s          |
| <b>Moon Rise/Set</b>     | -/ 10:50AM          | 12:21 AM / 11:55AM  | 12:54AM / 12:44PM    |
| <b>Moon Phase/illu</b>   | Waning Gibbous, 58% | Last Quarter, 48%   | Waning Crescent, 37% |
| <b>Nautical Twilight</b> | 04:28, 19:33        | 04:28, 19:33        | 04:28, 19:33         |
| <b>Civil Twilight</b>    | 04:53, 19:05        | 04:53, 19:05        | 04:53, 19:05         |
| <b>Humidity</b>          | D : 79%    N : 90%  | D : 79%    N : 91%  | D : 79%    N : 91%   |
| <b>Barometer (mb)</b>    | 1003                | 1003                | 1003                 |
| <b>Visibility</b>        | Moderate            | Moderate            | Moderate             |
| <b>Precip Chance</b>     | 32%                 | 47%                 | 31%                  |
| <b>Wind (km/hr)</b>      | 18 Km/h, SSW        | 17 Km/h, SSW        | 18 Km/h, SSW         |

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



# SATELLITE VIEW OF BAY OF BENGAL



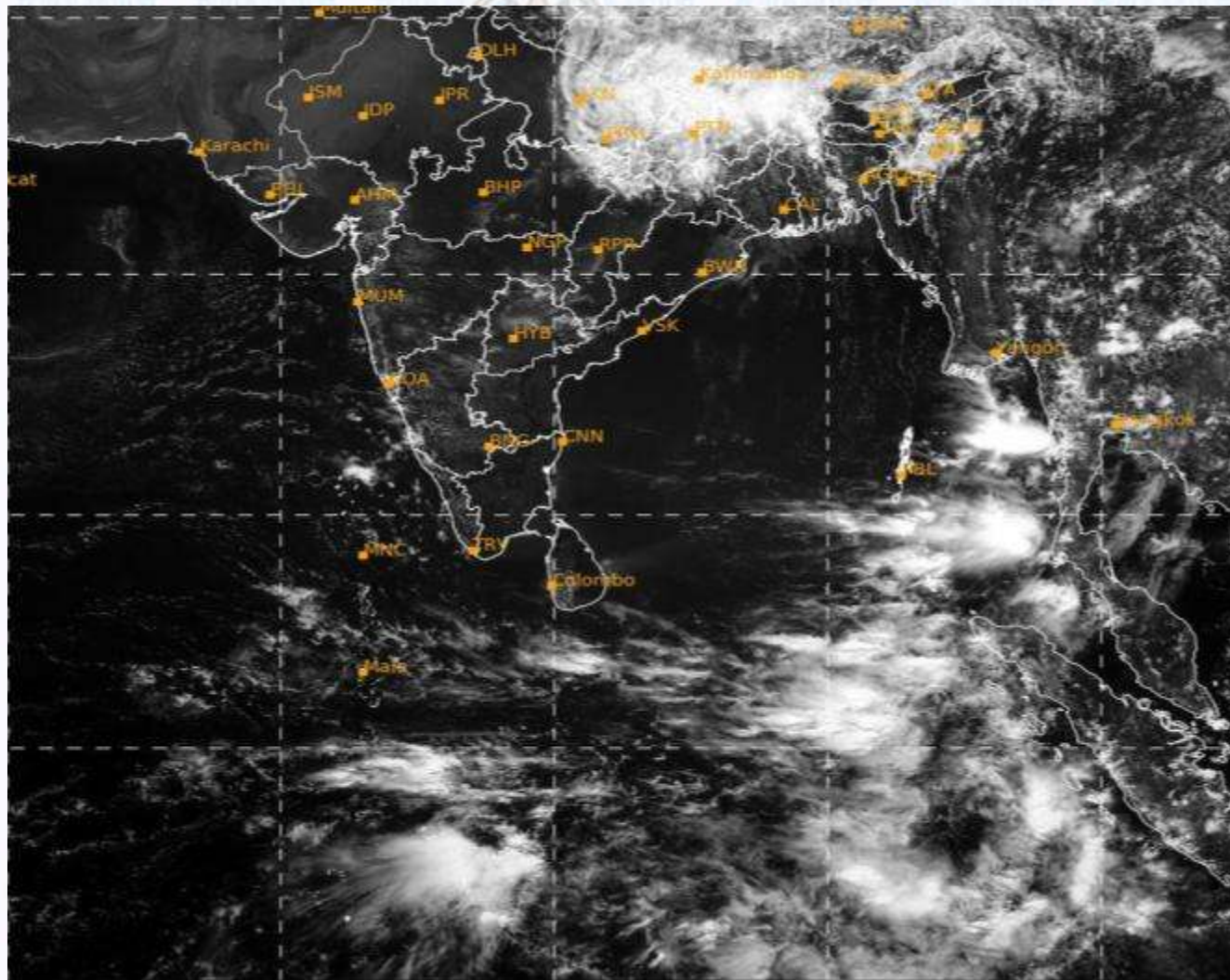
**31/05/2021, 11:00 UTC MATSAT-IR**

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





# SATELLITE VIEW OF BAY OF BENGAL



31/05/2021, 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 31.05.2021)

|                   |                                    |   |
|-------------------|------------------------------------|---|
| <b>Part One</b>   | NO STORM WARNING.                  |   |
| <b>Part Two</b>   | TROUGH OF LOW LIES OVER NORTH BAY. |   |
| <b>Part Three</b> | Weather                            | TEMPORARY RAIN/THUNDER SHOWERS OVER AREA C-90 .             |
|                   | Wind                               | SOUTH/SOUTH-WESTERLY 08-12 KTS. TEMPORARY GUSTING TO 22KTS. |
|                   | Visibility                         | 03-05KMS REDUCING TO 1500 M OR LESS IN RAIN/SHOWERS.        |
|                   | Outlook                            | FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.                     |
|                   | MSL Pressure                       | AT = 31,0000 UTC.<br>CHATTOGRAM =1005 HPA                   |





## Inland River Port Warning (VALID TILL 06 PM OF 31.05.2020)

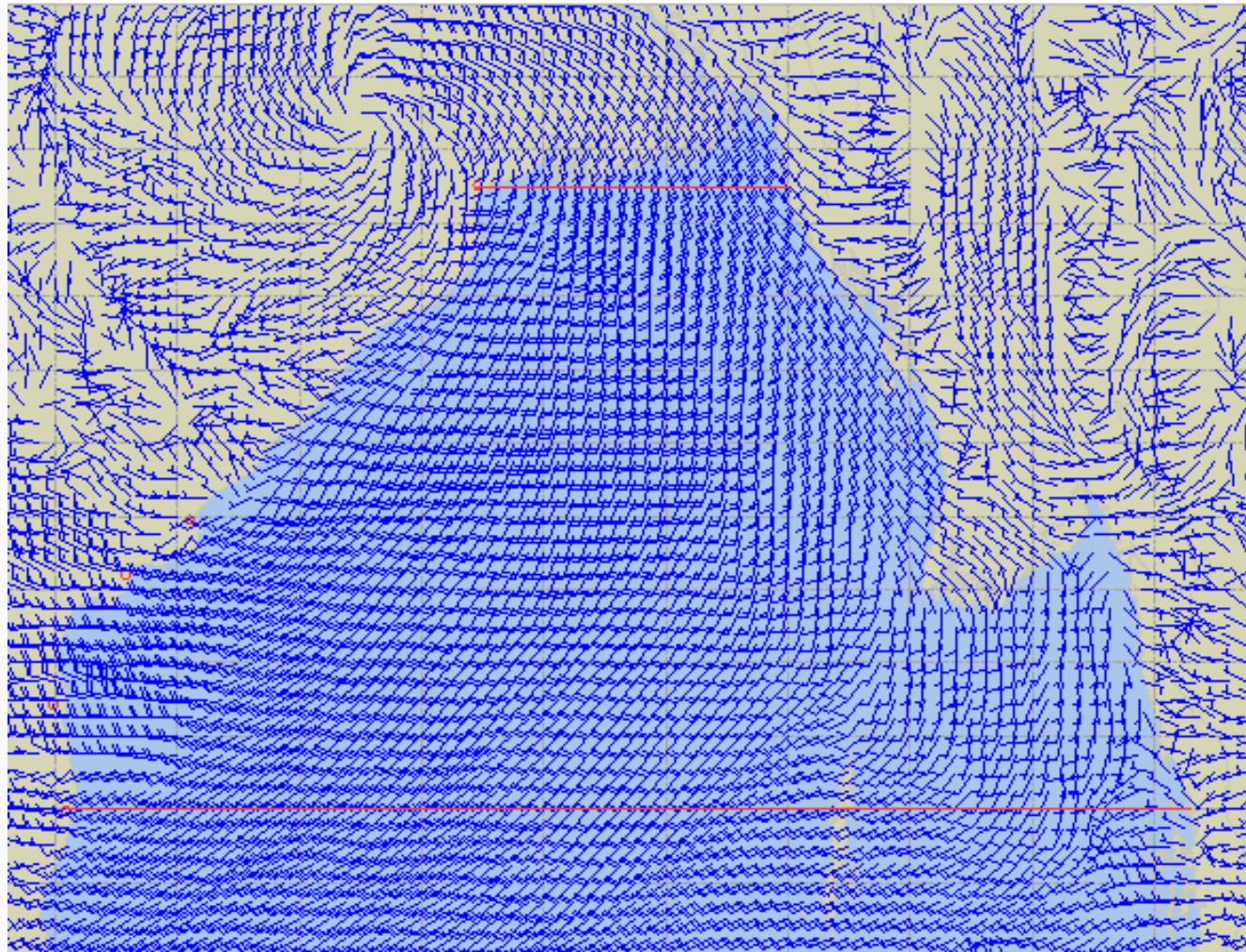
RAIN/THUNDER SHOWERS ACCOMPANIED BY TEMPORARY WEST/NORTHWESTERLY SQUALLS SPEED 60-80 KPH IS LIKELY TO OCCUR OVER THE REGIONS OF TANGAIL, MYMENSINGH, DHAKA, FARIDPUR, MADARIPUR, JASHORE, KUSHTIA, KHULNA, BARISHAL, PATUAKHALI, CUMILLA, NOAKHALI, CHATTOGRAM, COX'S BAZAR AND SYLHET WHEREIN RIVERPORTS SHALL HOIST RIVERINE WARNING SIGNAL NO. **TWO (R) TWO**.

RAIN/THUNDER SHOWERS ACCOMPANIED BY TEMPORARY **SOUTH-WEST/NORTH-WESTERLY** GUSTY/SQUALLY WIND SPEED **45-60** KPH IS LIKELY TO OCCUR ELSEWHERE OVER THE COUNTRY WHEREIN RIVERPORTS SHALL HOIST CAUTIONARY SIGNAL NO. **ONE (R) ONE**

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



# Surface Wind Forecast- 01 Jun - 2021



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



**60 Knots**

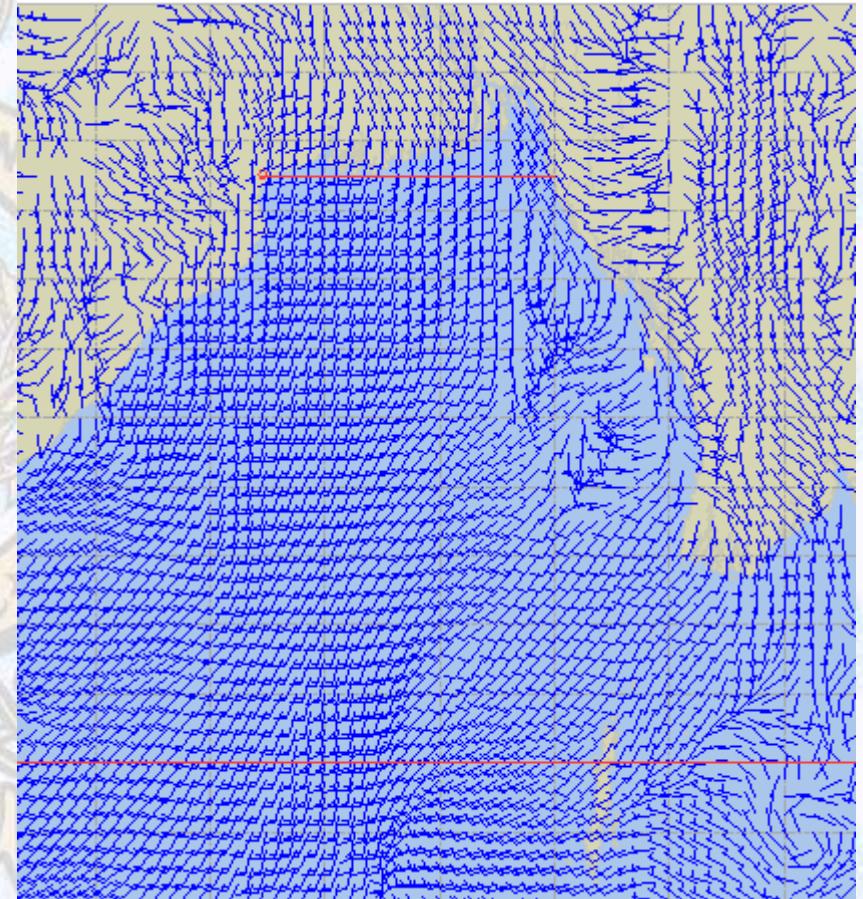
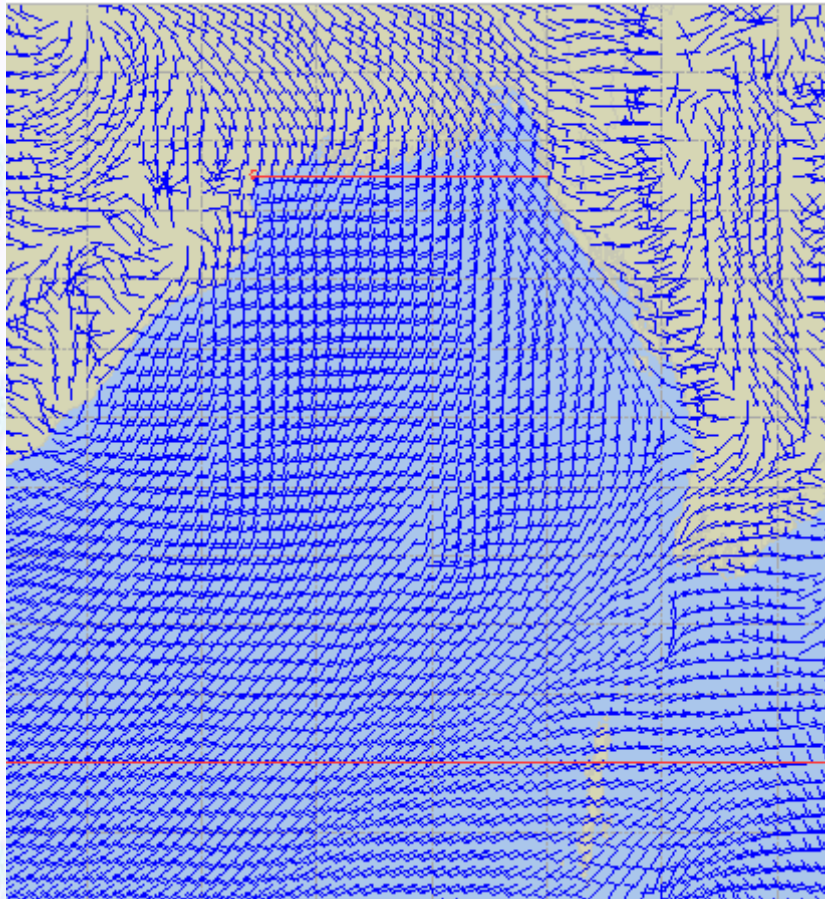




# Surface Wind Forecast – 02 & 03 Jun - 2021

02 Jun 21 Wednesday

03 Jun 21 Thursday



## Legend:



Calm  
Winds



5 Knots



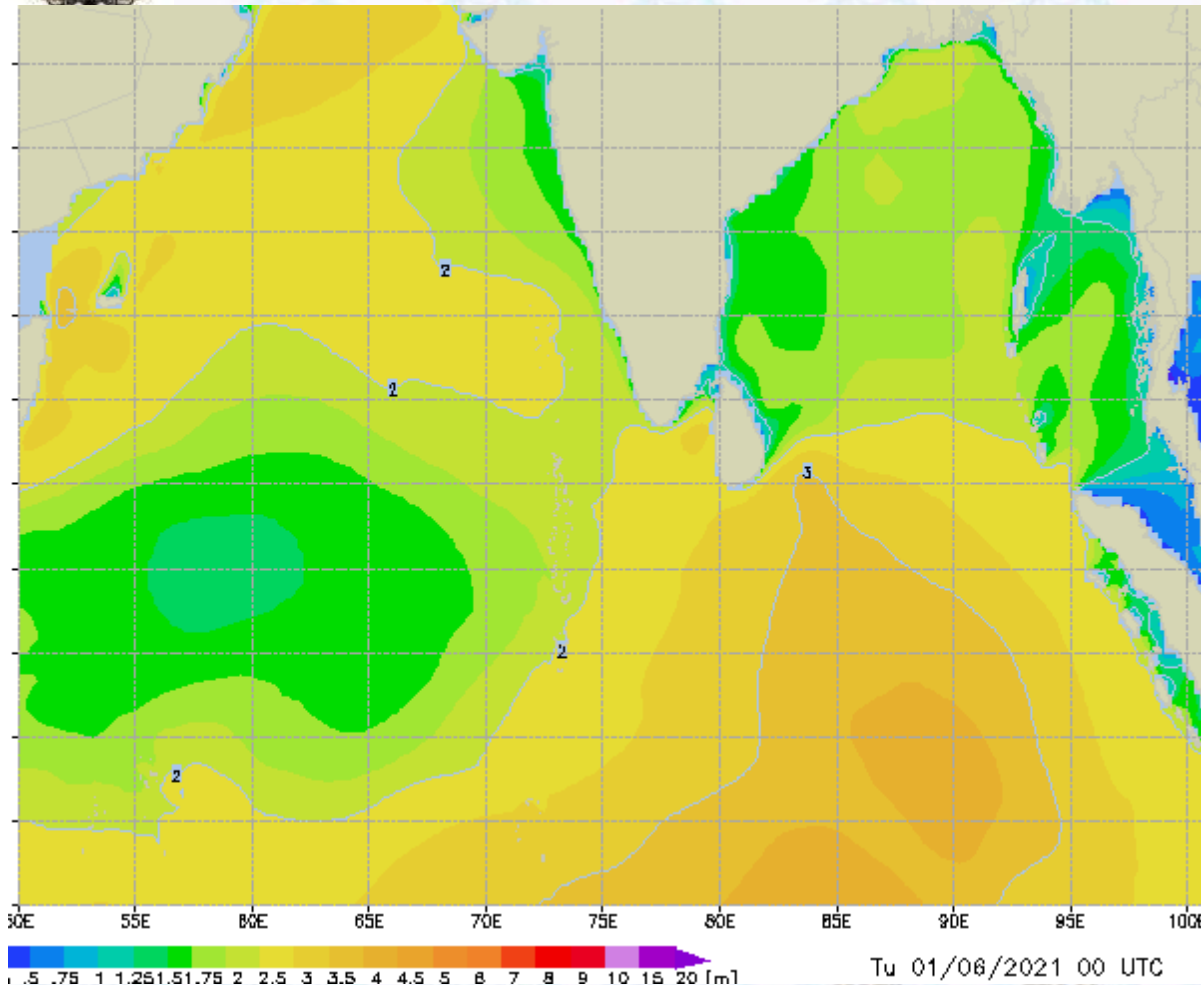
10 Knots



60 Knots



# Sea State Forecast – 01 Jun - 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    |



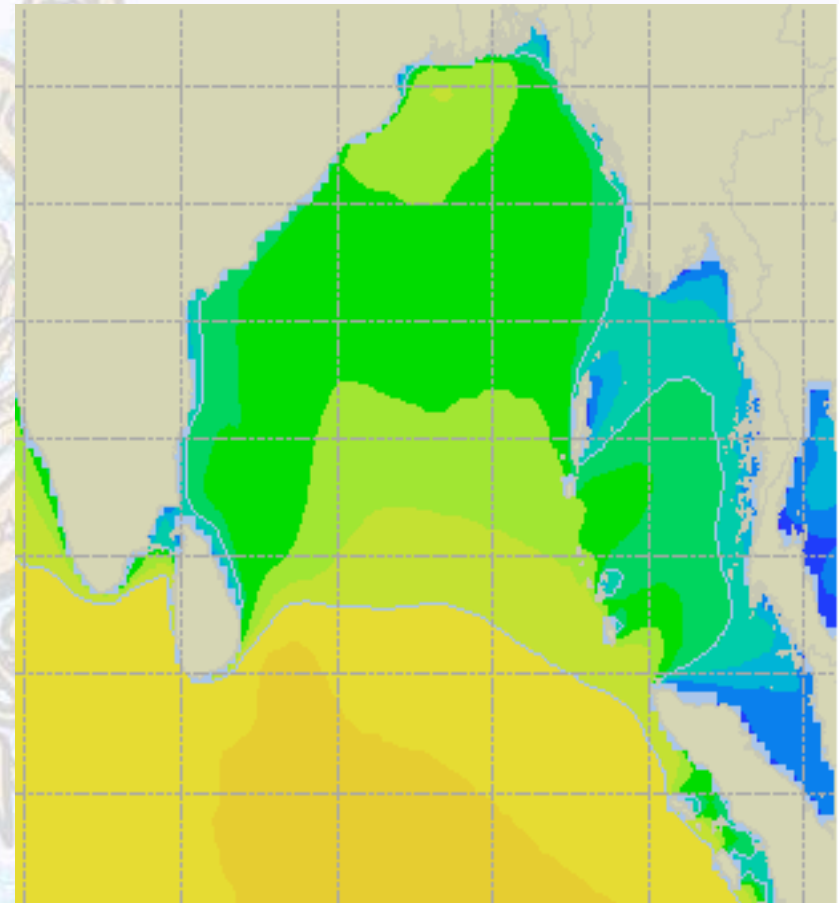
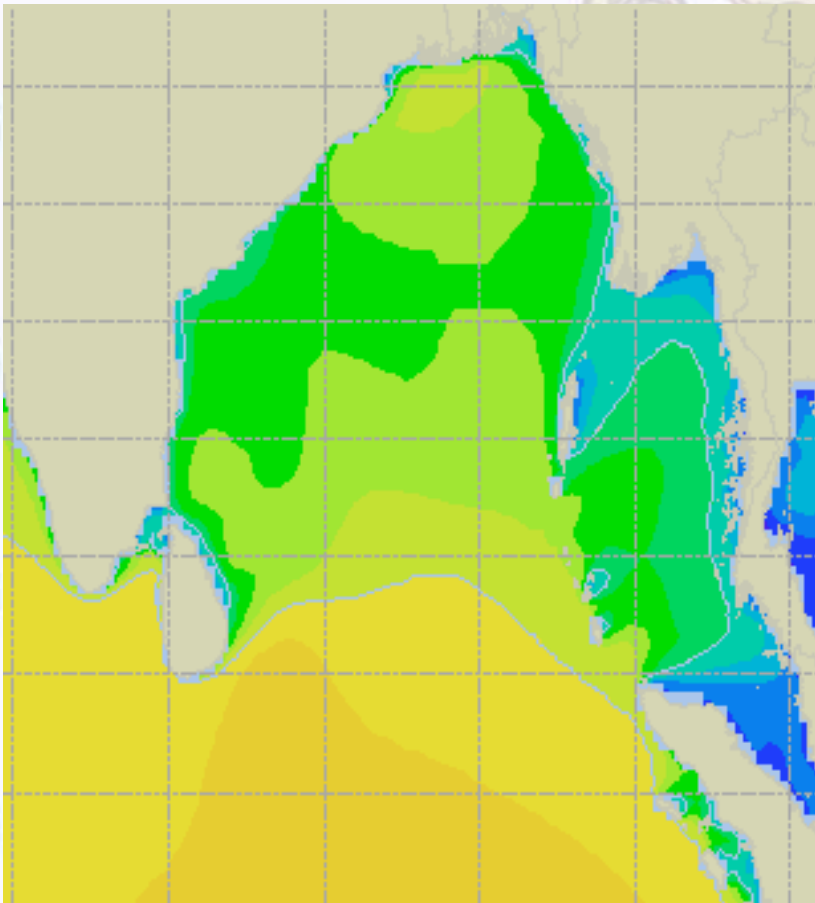




# Sea State Forecast – 02 & 03 Jun - 2021

02 Jun 21 Wednesday

03 Jun 21 Thursday

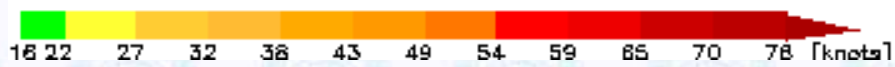
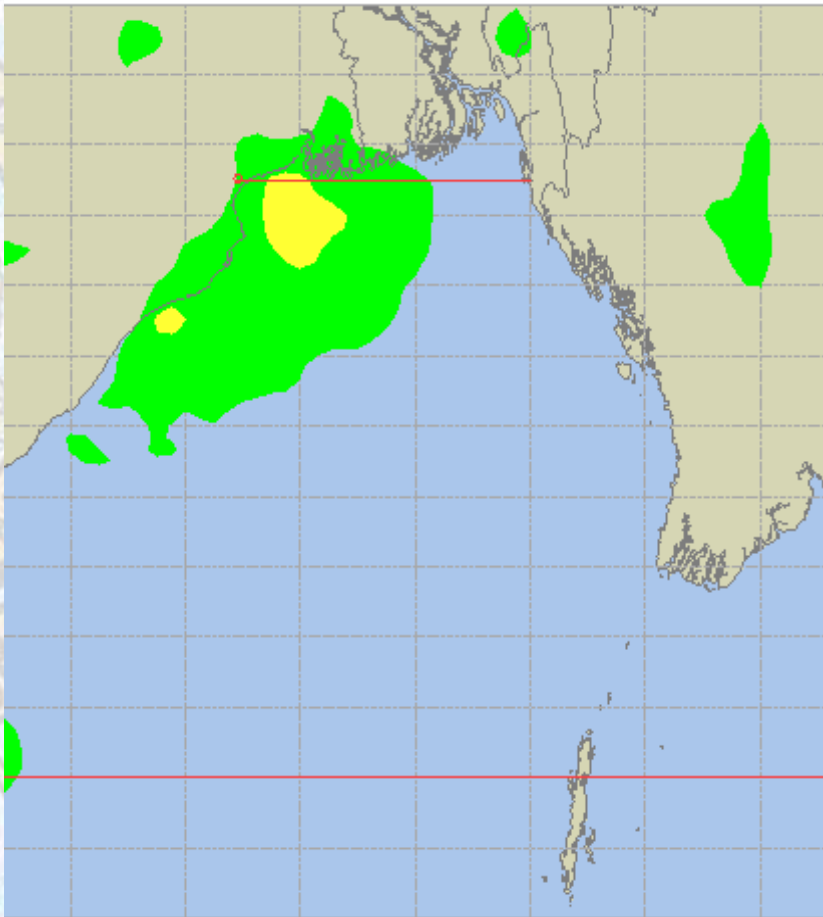
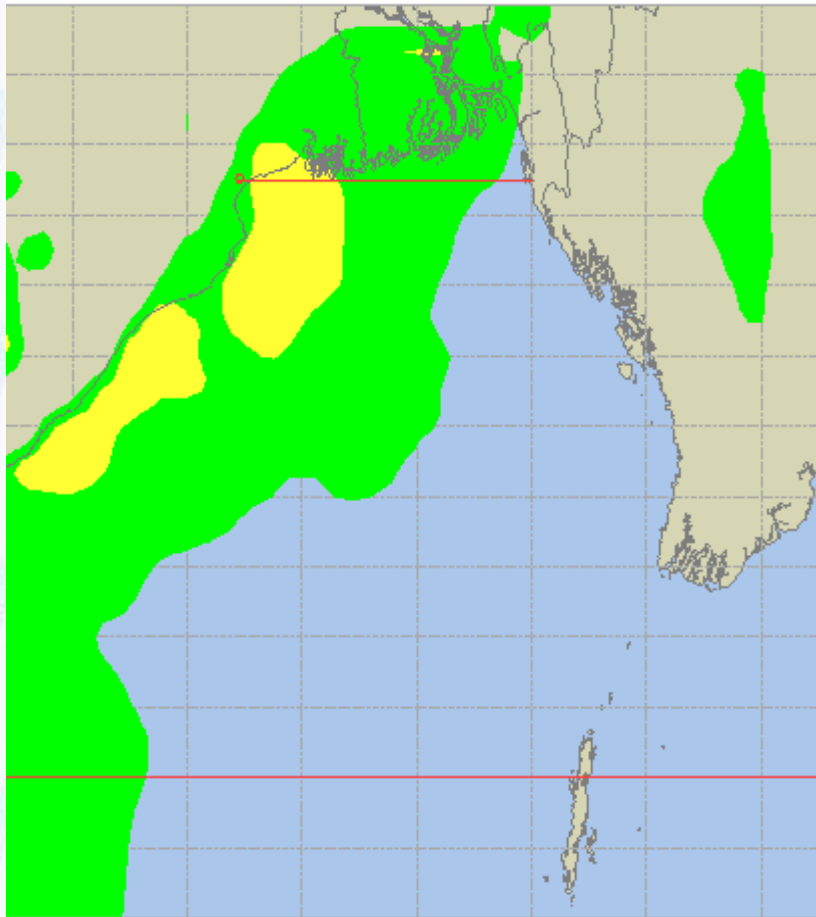




# Peak Gusting Possibilities– 01 & 02 Jun 2021

## 01 Jun 21 Tuesday

## 02 Jun 21 Wednesday

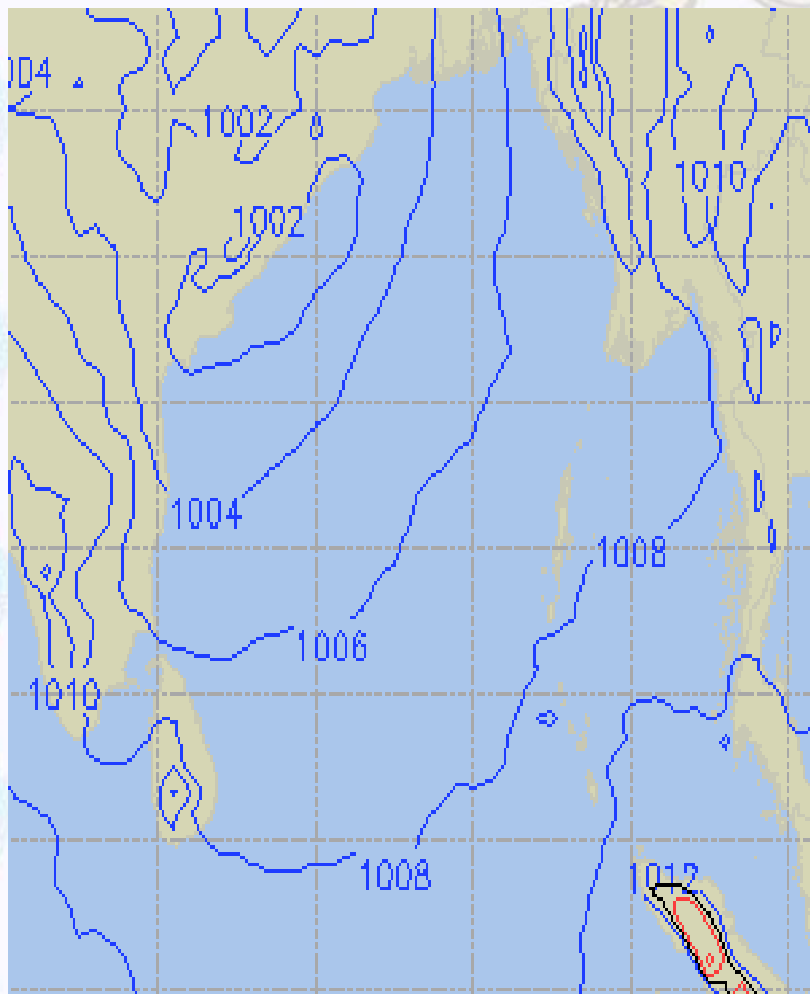




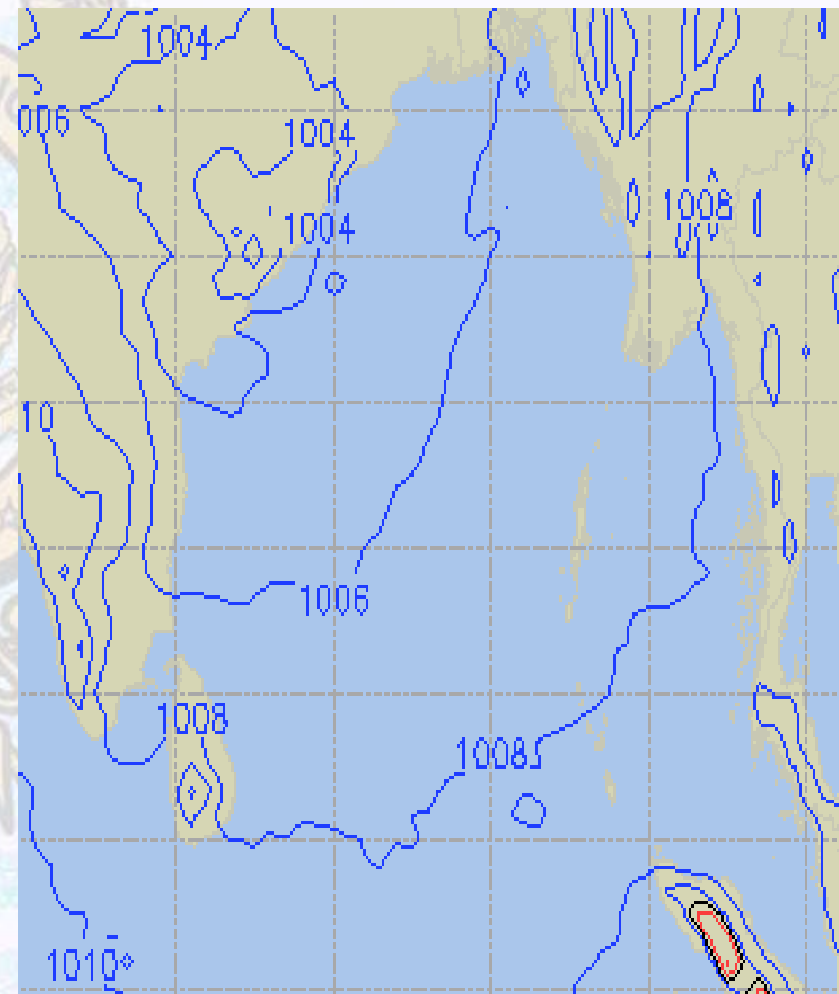


# Surface Pressure forecast – 01 & 02 Jun 2021

**01 Jun 21 Tuesday**



**02 Jun 21 Wednesday**

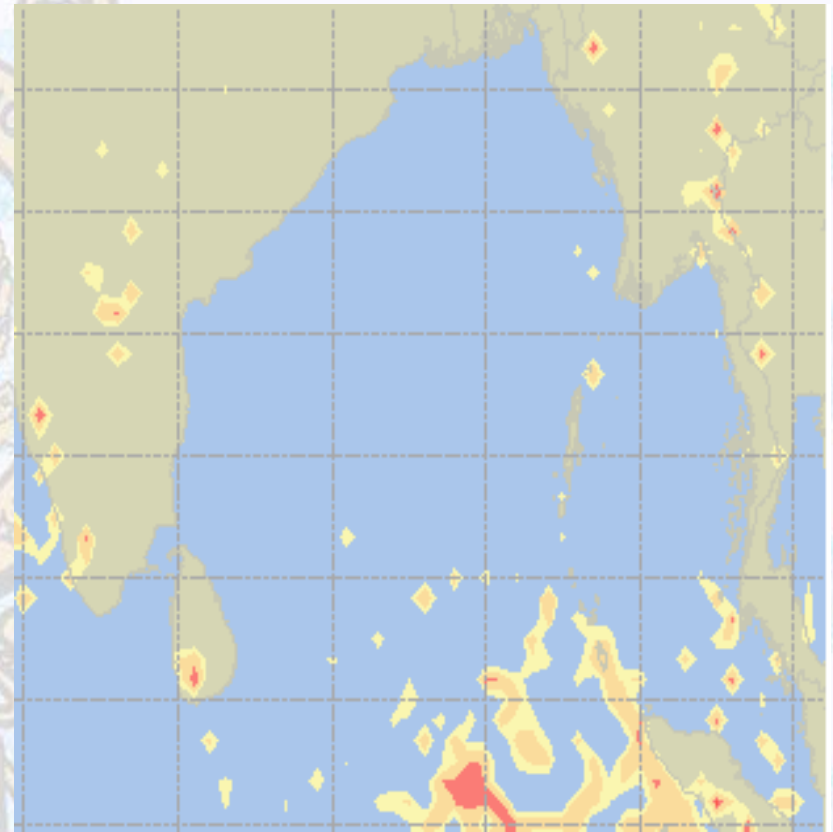
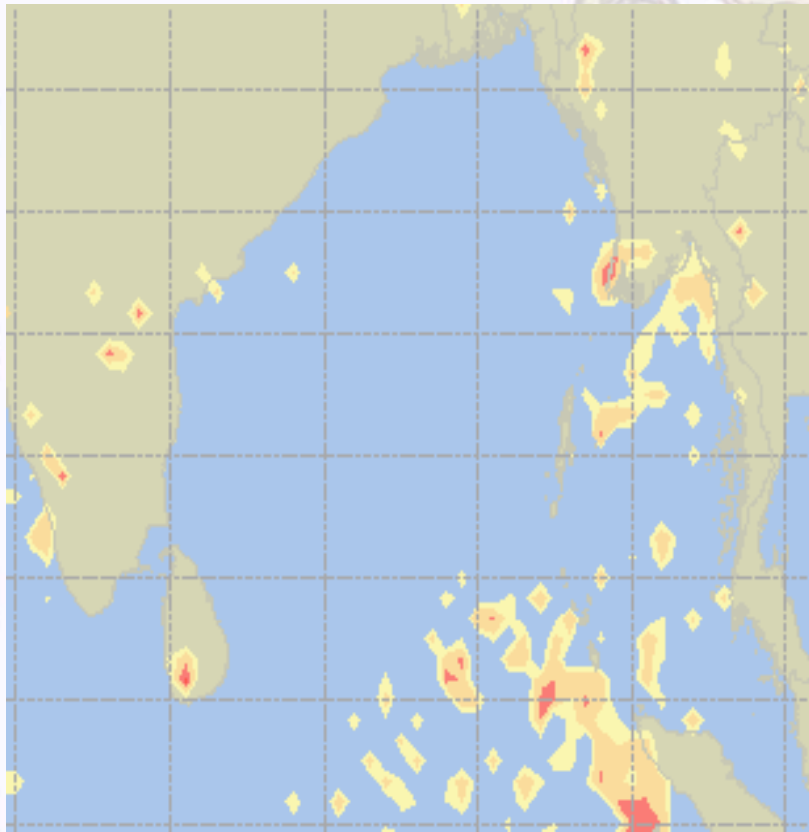




# Visibility at Sea Forecast – 01 & 02 Jun 2021

**01 Jun 21 Tuesday**

**02 Jun 21 Wednesday**



**Visibility Scale:**



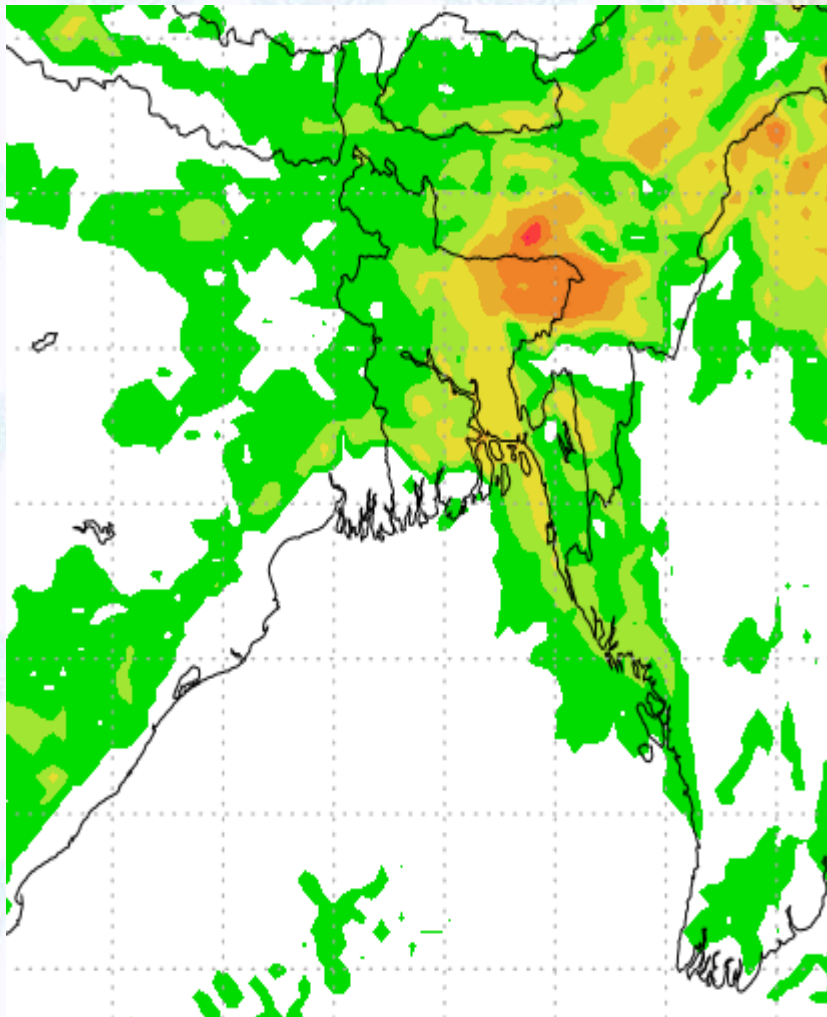
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



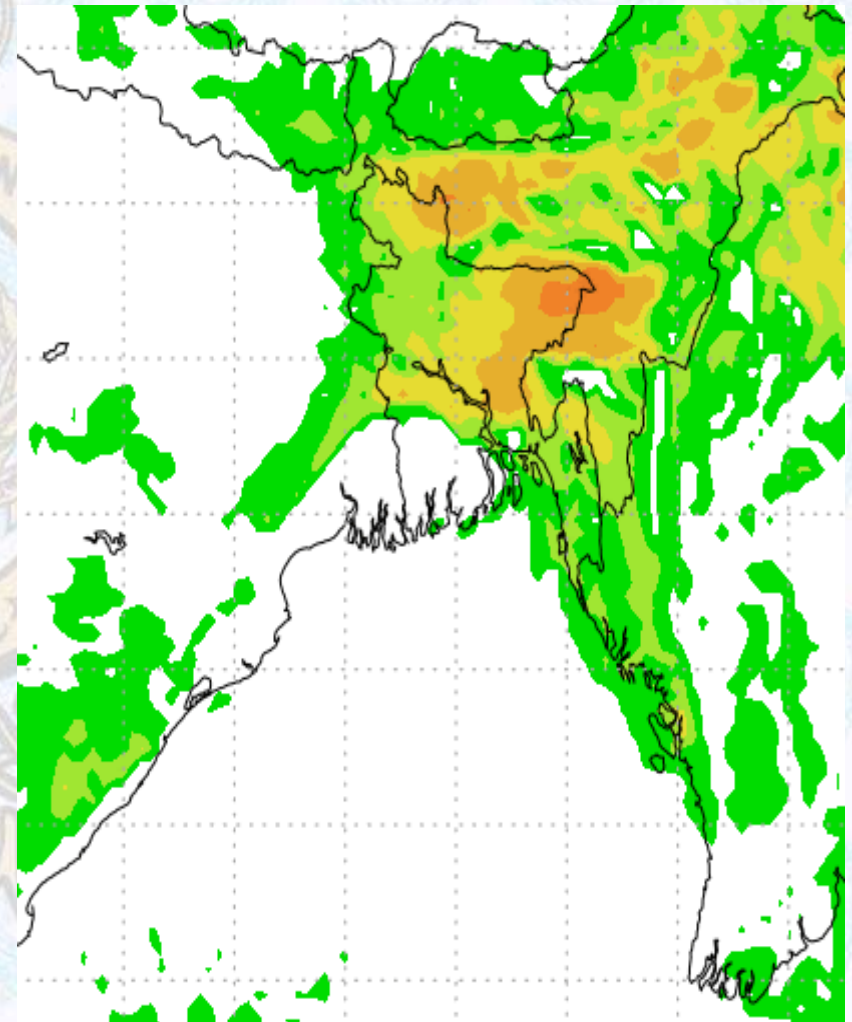


# Precipitation

**Rain(mm) 01 & 02 Jun 2021**



**Rain(mm) 02 & 03 Jun 2021**



**Precipitation Scale (mm):**





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

|                    | Time | Height |  | Time | Height |  | Time | Height |
|--------------------|------|--------|--|------|--------|--|------|--------|
|                    |      |        |  |      |        |  |      |        |
| <b>01 Jun 2021</b> | 0517 | 4.36   |  | 0237 | 2.85   |  | 0233 | 2.66   |
|                    | 1131 | 1.29   |  | 0901 | 1.15   |  | 0837 | 1.28   |
|                    | 1739 | 4.61   |  | 1502 | 3.14   |  | 1453 | 2.92   |
|                    | -    | -      |  | 2145 | 1.25   |  | 2139 | 1.25   |
| <b>02 Jun 2021</b> | Time | Height |  | Time | Height |  | Time | Height |
|                    | 0025 | 1.15   |  | 0337 | 2.70   |  | 0337 | 2.57   |
|                    | 0627 | 4.22   |  | 1006 | 1.31   |  | 0942 | 1.45   |
|                    | 1243 | 1.49   |  | 1603 | 2.94   |  | 1554 | 2.78   |
|                    | 1850 | 4.39   |  | 2258 | 1.35   |  | 2242 | 1.32   |
| <b>03 Jun 2021</b> | Time | Height |  | Time | Height |  | Time | Height |
|                    | 0133 | 1.24   |  | 0450 | 2.63   |  | 0454 | 2.55   |
|                    | 0745 | 4.19   |  | 1120 | 1.39   |  | 1059 | 1.54   |
|                    | 1401 | 1.57   |  | 1716 | 2.81   |  | 1705 | 2.68   |
|                    | 2005 | 4.26   |  | -    | -      |  | 2349 | 1.33   |