



WEATHER FORECAST FOR BN

30 APR -03 MAY 2020





WEATHER FORECAST – DHAKA

30.04.2020

| Hourly | 2 PM | 4 PM | 8 PM | 11 PM |
|-------------------|----------------------|---------------|---------------|---------------|
| Temp. / Dew Point | 30 / 23 | 29 / 23 | 26 / 23 | 25 / 23 |
| Wind | 8 km/h ESE | 8 km/h SE | 6 km/h SE | 5 km/h SE |
| Humidity | 68% | 70% | 82% | 88% |
| Chance of Precip | 10% | 16% | 9% | 31% |
| Cloud Cover | 59% | 48% | 27% | 35% |
| Conditions | Partly Cloudy | Partly Cloudy | Partly Cloudy | Partly Cloudy |
| Sunrise Sunset | 5: 26 AM 6: 27 PM | | | |

Conditions

Pressure : 1009 hpa

Visibility : 12.87 km

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



WEATHER FORECAST – CHATTOGRAM

30.04.2020

| Hourly | 2 PM | 4 PM | 8 PM | 11 PM |
|-------------------|----------------------|---------------|---------------|---------------|
| Temp. / Dew Point | 30 / 24 | 29 / 25 | 27 / 25 | 26 / 25 |
| Wind | 7 km/h SW | 10 km/h SW | 4 km/h S | 3 km/h SE |
| Humidity | 68% | 69% | 91% | 94% |
| Chance of Precip. | 1% | 1% | 13% | 31% |
| Cloud Cover | 48% | 22% | 17% | 35% |
| Conditions | Partly Cloudy | Partly Cloudy | Partly Cloudy | Partly Cloudy |
| Sunrise Sunset | 5: 22 AM 6: 19 PM | | | |

Conditions

Pressure : 1010 hpa

Visibility : 9.66 Km

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



WEATHER FORECAST – KHULNA

30.04.2020

| Hourly | 2 PM | 4 PM | 8 PM | 11 PM |
|-------------------|----------------------|---------------|---------------|---------------|
| Temp. / Dew Point | 29 / 25 | 29 / 25 | 26 / 25 | 25 / 24 |
| Wind | 7 km/h SSE | 9 km/h SSE | 5 km/h SSE | 5 km/h SE |
| Humidity | 79% | 82% | 91% | 93% |
| Chance of Precip. | 21% | 1% | 15% | 18% |
| Cloud Cover | 45% | 49% | 29% | 16% |
| Conditions | Partly Cloudy | Partly Cloudy | Partly Cloudy | Partly Cloudy |
| Sunrise Sunset | 5: 32 AM 6: 29 PM | | | |

Conditions

Pressure : 1008 hpa

Visibility : 12.87 Km

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



GENERAL WEATHER FORECAST – DHAKA

| Description | 01 May 2020 | 02 May 2020 | 03 May 2020 |
|-------------------------|---------------------|---------------------|---------------------|
| Temperature (C) | 31 °C/ 24 °C | 30 °C/ 24 °C | 31 °C/ 24 °C |
| Summary | Partly Cloudy/Sunny | Partly Cloudy/Sunny | Partly Cloudy/Sunny |
| Sun Rise/Set | 5h23m54s/18h27m24s | 5h22m54s/18h27m24s | 5h22m30s/18h28m30s |
| Day Length | 13h03m30s | 13h04m30s | 13h06m00s |
| Moon Rise/ Set | 12:06 PM 12:53 AM | 1:07 PM 1:41 AM | 2:10 PM 2:25 AM |
| Moon Phase/ illu | Waxing Gibbous, 52% | Waxing Gibbous, 63% | Waxing Gibbous, 74% |
| NauticalTwilight | 0432,1919 | 0432,1919 | 0430,1920 |
| Civil Twilight | 0500,1850 | 0500,1849 | 0459,1851 |
| Humidity | D : 76% N : 87% | D : 77% N : 89% | D : 74% N : 88% |
| Barometer (mb) | 1009 | 1008 | 1007 |
| Visibility | Good | Good | Good |
| Precip Chance | 50% | 50% | 30% |
| Wind (mph) | 6 Km/h ESE | 5 Km/h E | 5 Km/h E |

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



GENERAL WEATHER FORECAST– CHATTOGRAM

| Description | 01 May 2020 | 02 May 2020 | 03 May 2020 |
|-------------------------|---------------------|---------------------|---------------------|
| Temperature (C) | 29°C/ 24°C | 29°C/ 23°C | 30°C/ 24°C |
| Summary | Partly Cloudy/Sunny | Partly Cloudy/Sunny | Partly Cloudy/Sunny |
| Sun Rise/Set | 5h20m12s/18h19m30s | 5h19m12s/18h19m30s | 5h18m54s/18h20m36s |
| Day Length | 12h59m18s | 12h59m55s | 13h01m42s |
| Moon Rise/ Set | 12:01 PM 12:44 AM | 1:07 PM 1:41 AM | 2:05 PM 2:17 AM |
| Moon Phase/ illu | Waxing Gibbous, 52% | Waxing Gibbous, 63% | Waxing Gibbous, 74% |
| NauticalTwilight | 0429, 1910 | 0429, 1909 | 0427, 1911 |
| Civil Twilight | 0457, 1842 | 0456, 1841 | 0455, 1843 |
| Humidity | D : 83% N : 94% | D : 84% N : 91% | D : 83% N : 91% |
| Barometer (mb) | 1010 | 1008 | 1008 |
| Visibility | Good | Good | Good |
| Precip Chance | 60% | 50% | 50% |
| Wind (mph) | 9 Km/h SSW | 10 Km/h SSW | 10 Km/h S |

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



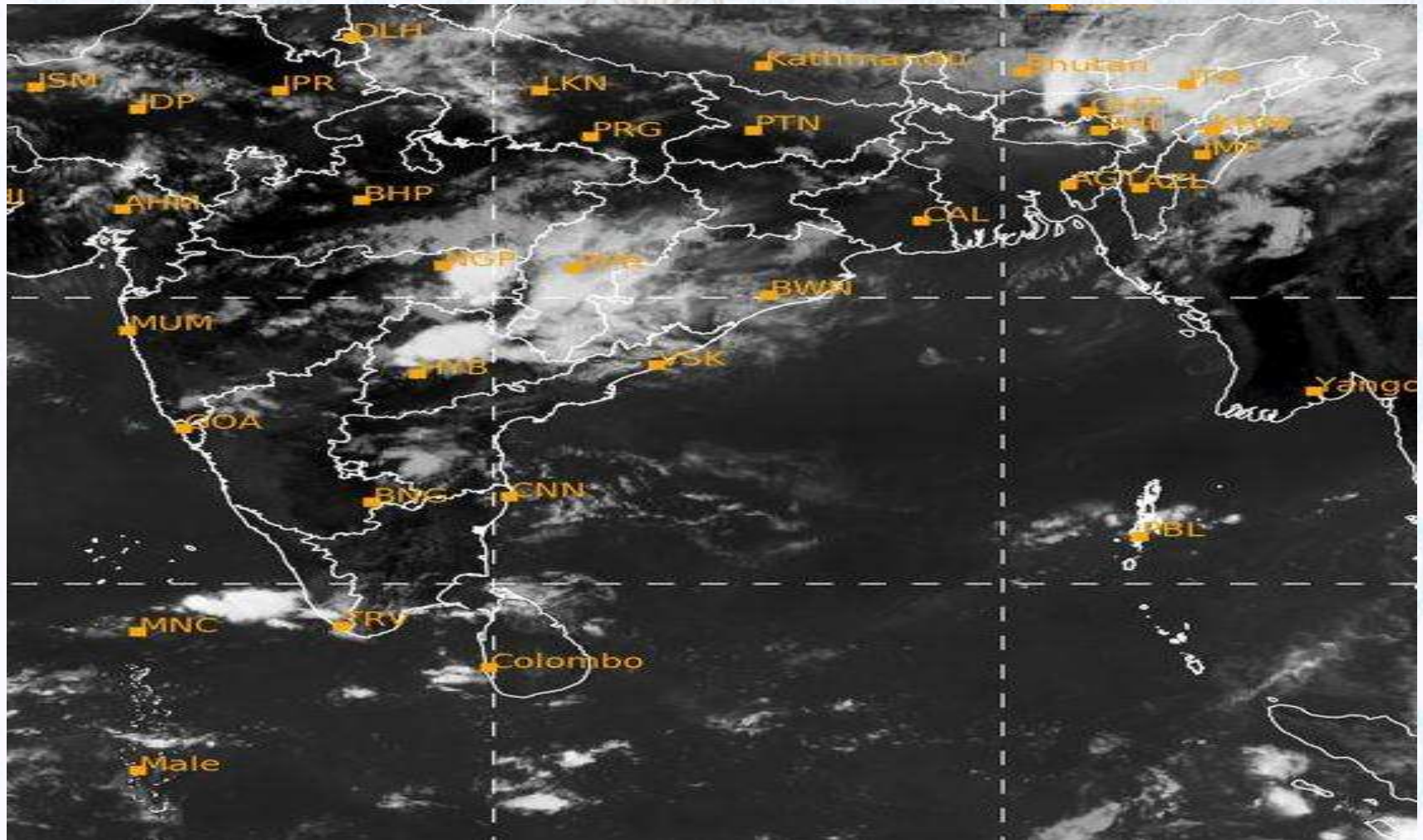
GENERAL WEATHER FORECAST – KHULNA

| Description | 01 May 2020 | 02 May 2020 | 03 May 2020 |
|--------------------------|----------------------|----------------------|----------------------|
| Temperature(C) | 30°C/ 23°C | 30°C/ 23°C | 31°C/ 24°C |
| Summary | Partly cloudy /Sunny | Partly cloudy /Sunny | Partly cloudy /Sunny |
| Sun Rise/Set | 5h28m36s/18h29m18s | 5h27m36s/18h29m18s | 5h27m18s/18h30m30s |
| Day Length | 13h00m42s | 13h01m42s | 13h03m12s |
| Moon Rise/Set | 12:11 PM 12:55 AM | 1:07 PM 1:41 AM | 2:16 PM 2:28 AM |
| Moon Phase/illu | Waxing Gibbous, 52% | Waxing Gibbous, 63% | Waxing Gibbous, 74% |
| Nautical Twilight | 0437, 1920 | 0437, 1919 | 0436, 1921 |
| Civil Twilight | 0505, 1852 | 0505, 1851 | 0504, 1853 |
| Humidity | D : 80% N : 90% | D : 80% N : 91% | D : 79% N : 91% |
| Barometer (mb) | 1009 | 1008 | 1007 |
| Visibility | Good | Good | Good |
| Precip Chance | 40% | 60% | 50% |
| Wind (mph) | 8 km/h ESE | 7 km/h E | 7 km/h ENE |

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



SATELLITE VIEW OF BAY OF BENGAL

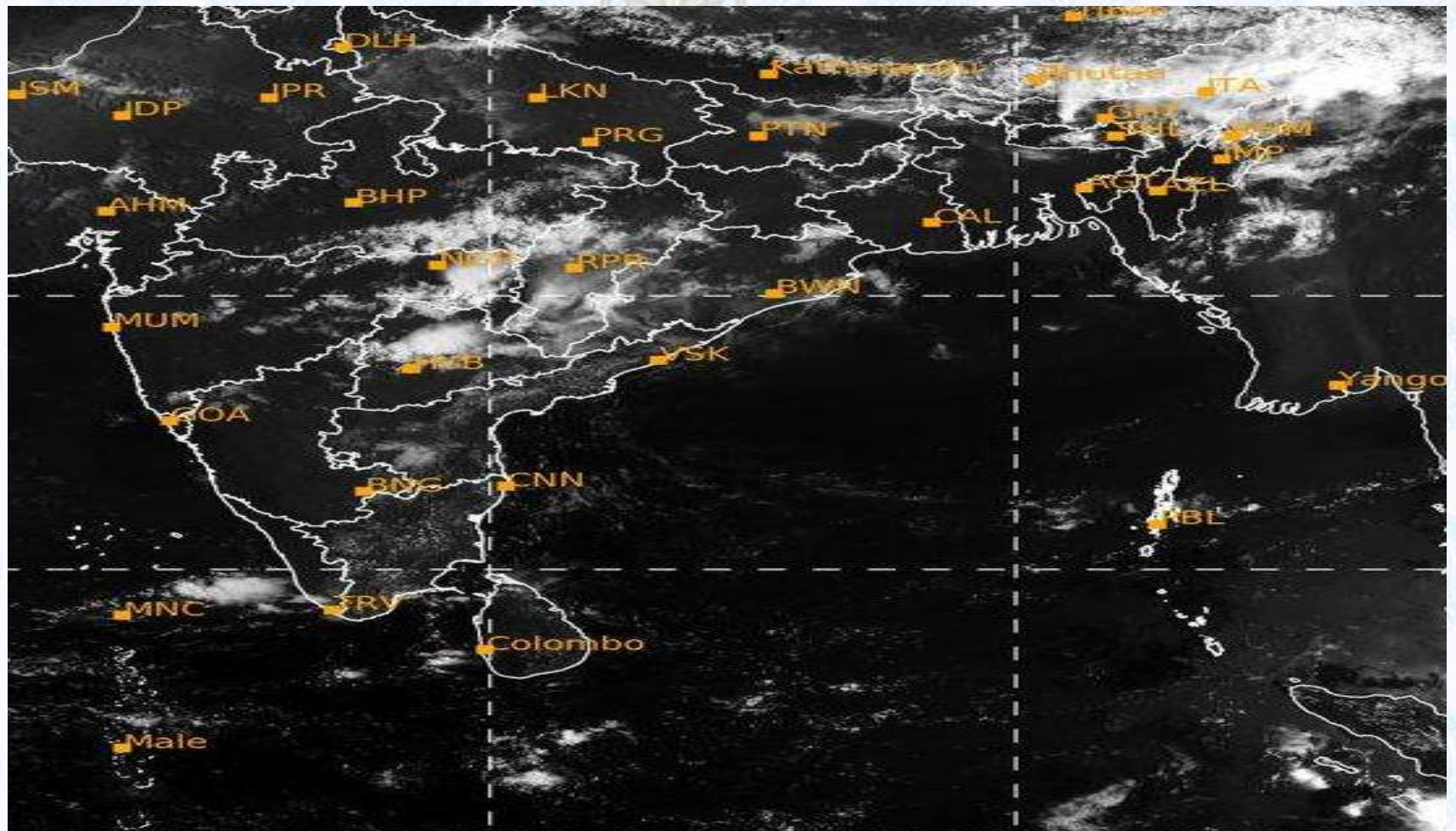


30/04/2020, 12:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



30/04/2020, 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 30.04.2020)

| | | |
|-------------------|---|---|
| Part One | NO STORM WARNING. | |
| Part Two | TROUGH OF LOW LIES OVER NORTH EAST BAY AND ADJOINING AREA. SEASONAL LOW LIES OVER SOUTH BAY. | |
| Part Three | Weather | TEMPORARY RAIN/T.SHOWERS OVER AREA C-90. |
| | Wind | S/SE'LY, 08-12 KTS. TEMPORARY GUSTING TO 22 KTS OR MORE. |
| | Visibility | 03-05 KMS, REDUCING TO 1500 M OR LESS IN RAIN/ SHOWERS |
| | Outlook | FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE. |
| | MSL Pressure | AT =30,0000 UTC. CHATTOGRAM =1010 HPA |



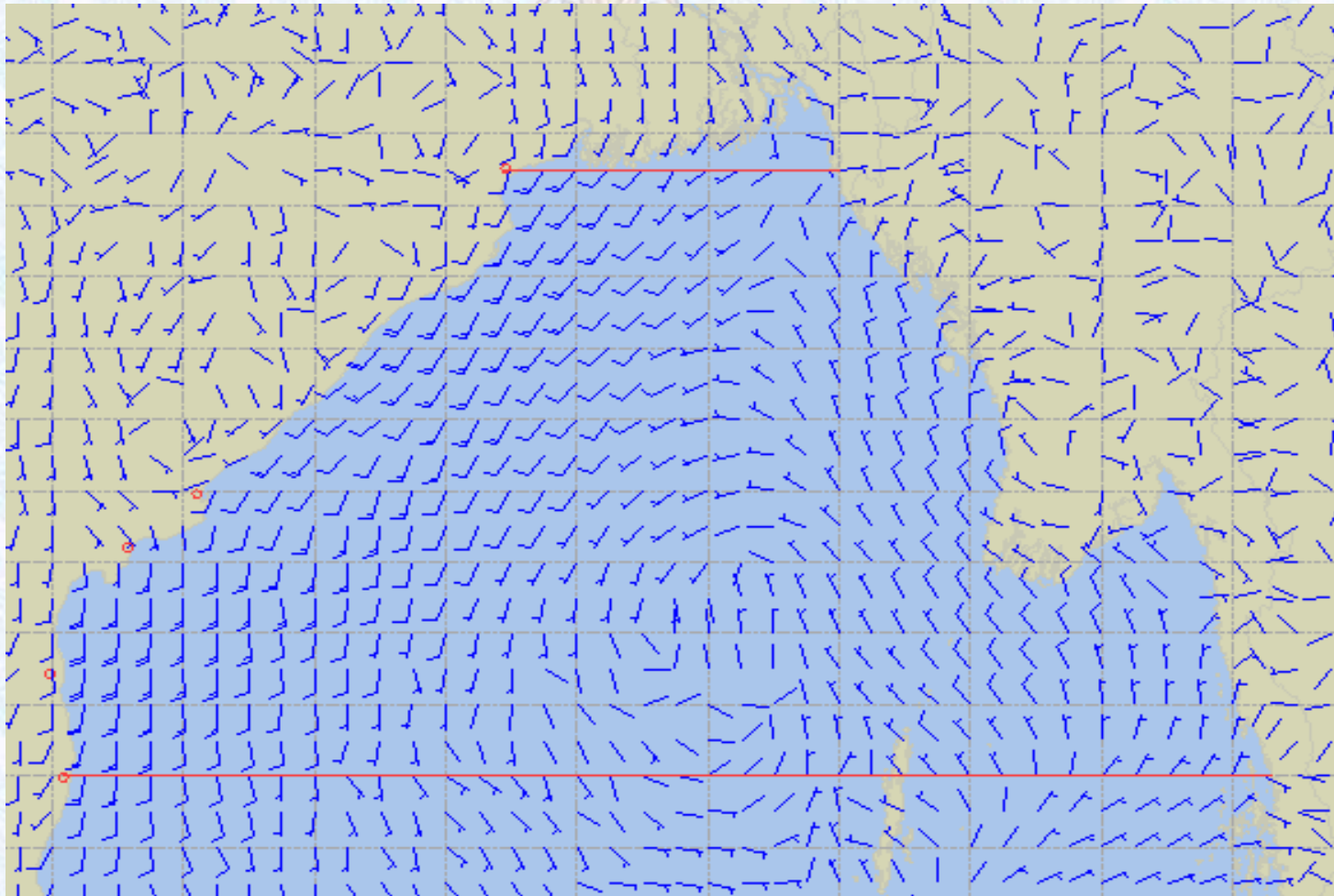
Inland River Port Warning (VALID TILL 06 PM OF 30.04.2020)

RAIN/THUNDER SHOWERS ACCOMPANIED BY TEMPORARY **WEST/NORTH-WESTERLY**, GUSTY/SQUALLY WIND SPEED **45-60** KPH IS LIKELY TO OCCUR OVER THE REGIONS OF RAJSHAHI, PABNA, BOGURA, DHAKA, FORIDPUR, MADARIPUR, JESHORE, KUSHTIA, KHULNA, BARISHAL, PATUAKHALI, NOAKHALI, CUMILLA, CHATTOGRAM, COX'S BAZAR AND SYLHET WHEREIN RIVERPORTS SHALL HOIST CAUTIONARY SIGNAL NO. **ONE (R) ONE**.

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



Surface Wind Forecast- 01 May - 2020



Legend:



**Calm
Winds**



5 Knots



10 Knots



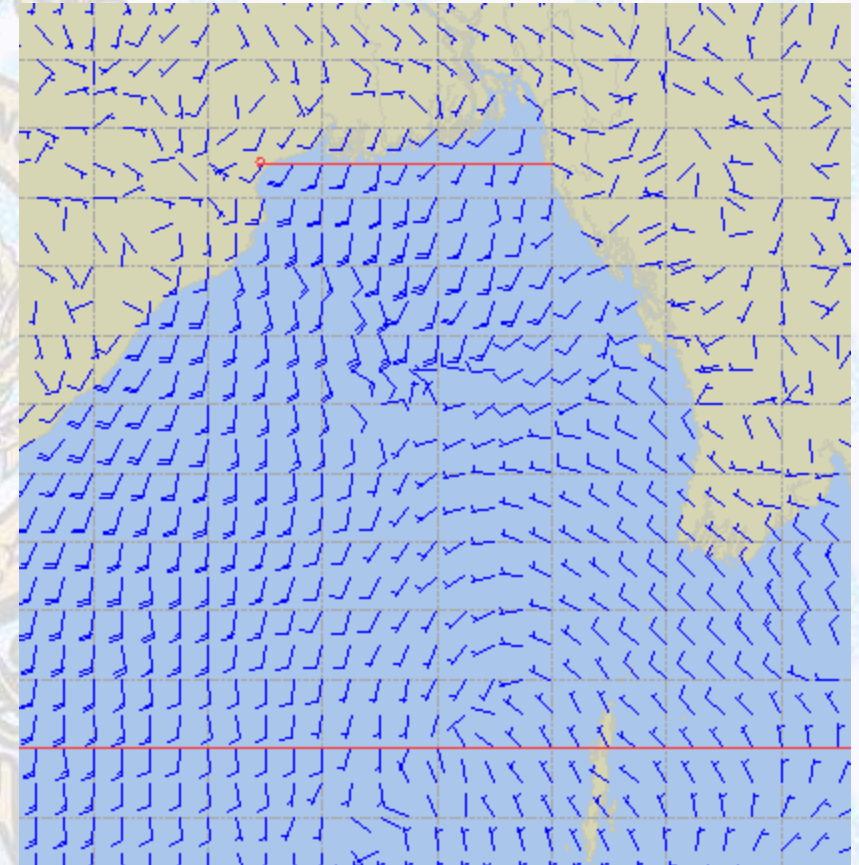
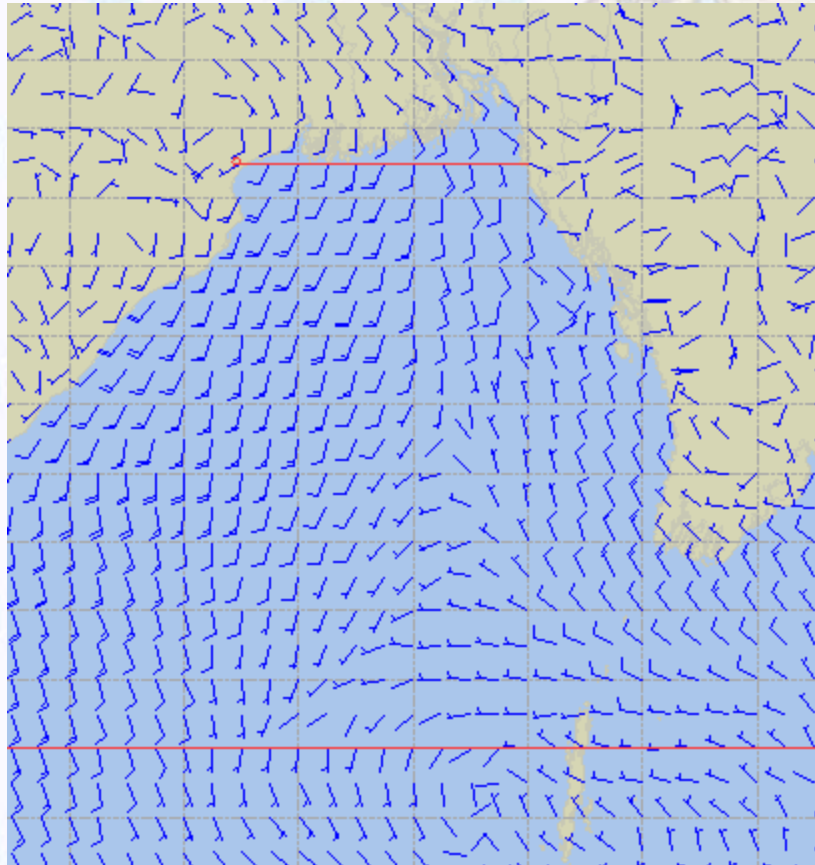
60 Knots



Surface Wind Forecast – 02 & 03 May- 2020

02 May 2020 Saturday

03 May 2020 Sunday



Legend:



Calm
Winds



5 Knots



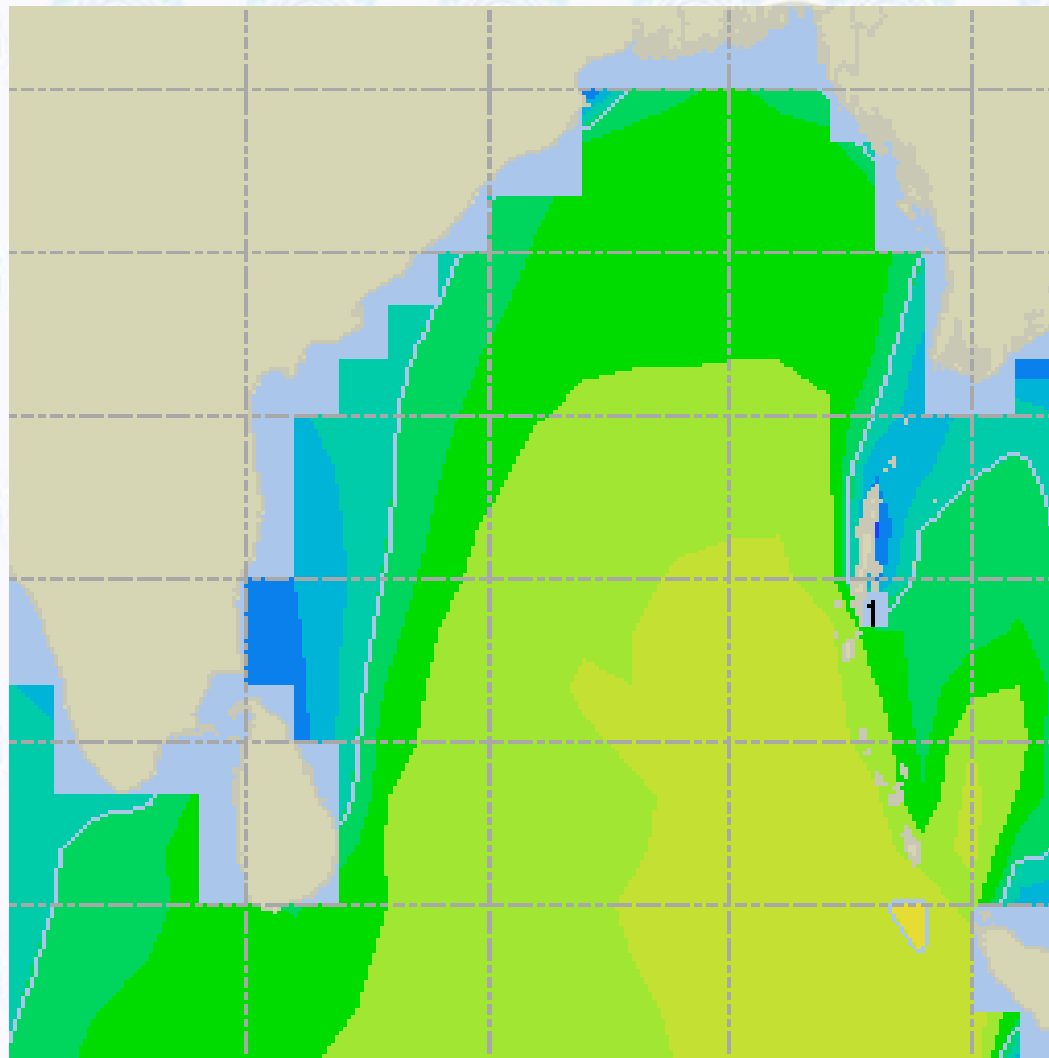
10 Knots



60 Knots



Sea State Forecast – 01 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 |

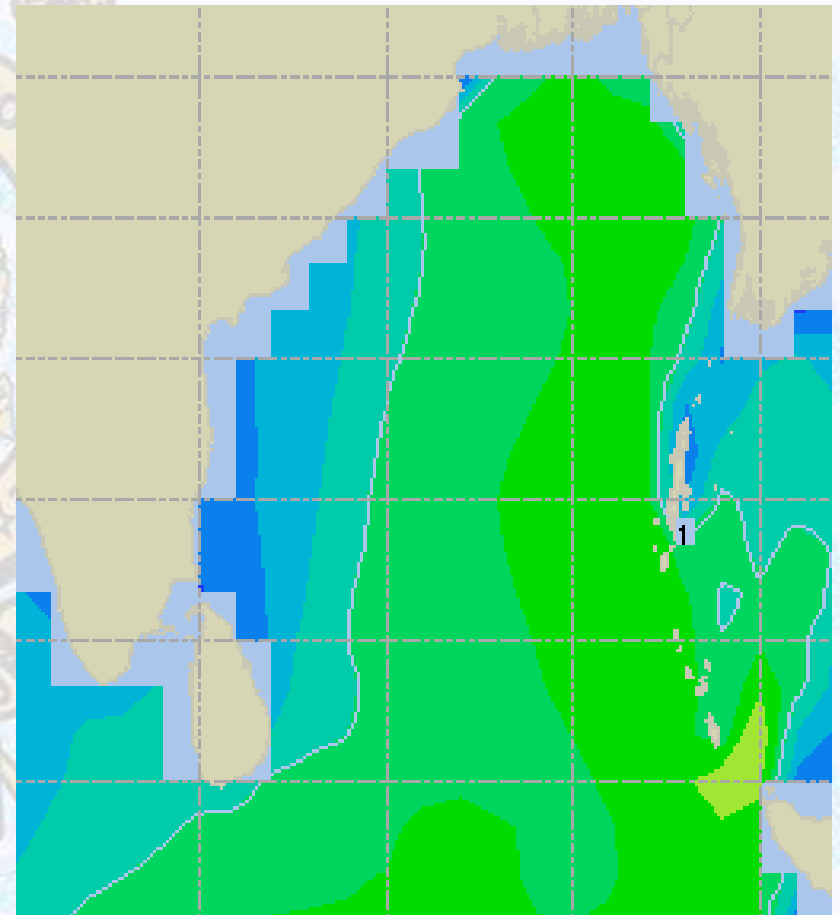
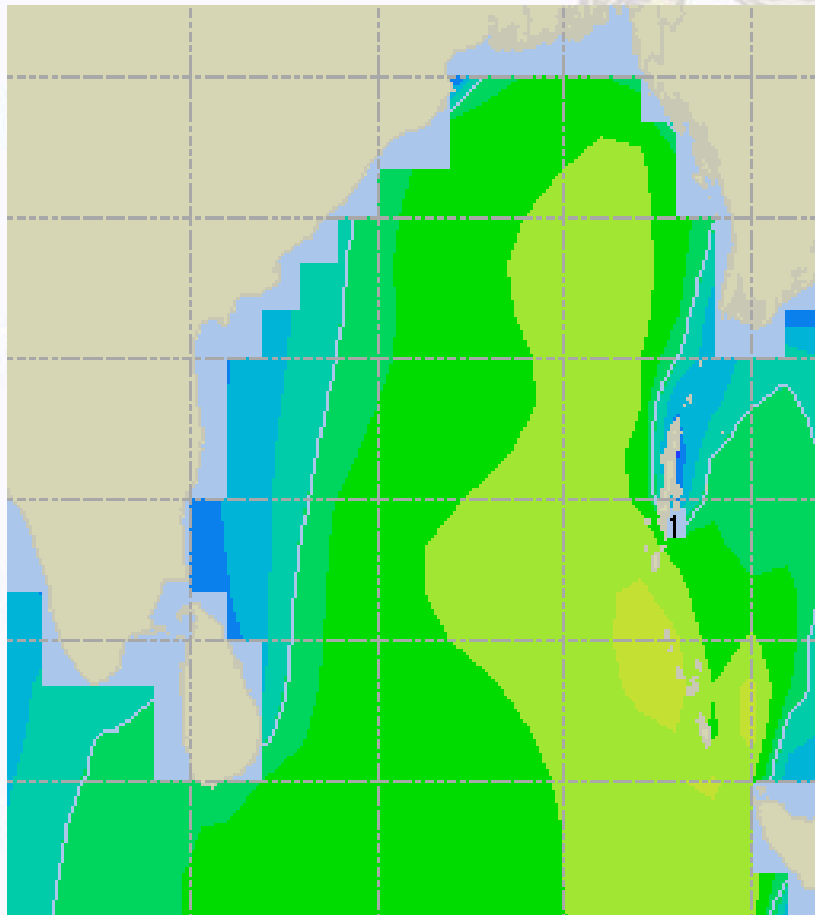




Sea State Forecast– 02 & 03 May- 2020

02 May 2020 Saturday

03 May 2020 Sunday

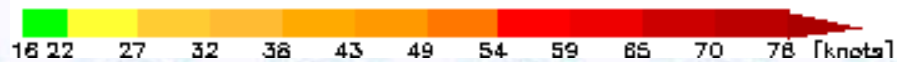
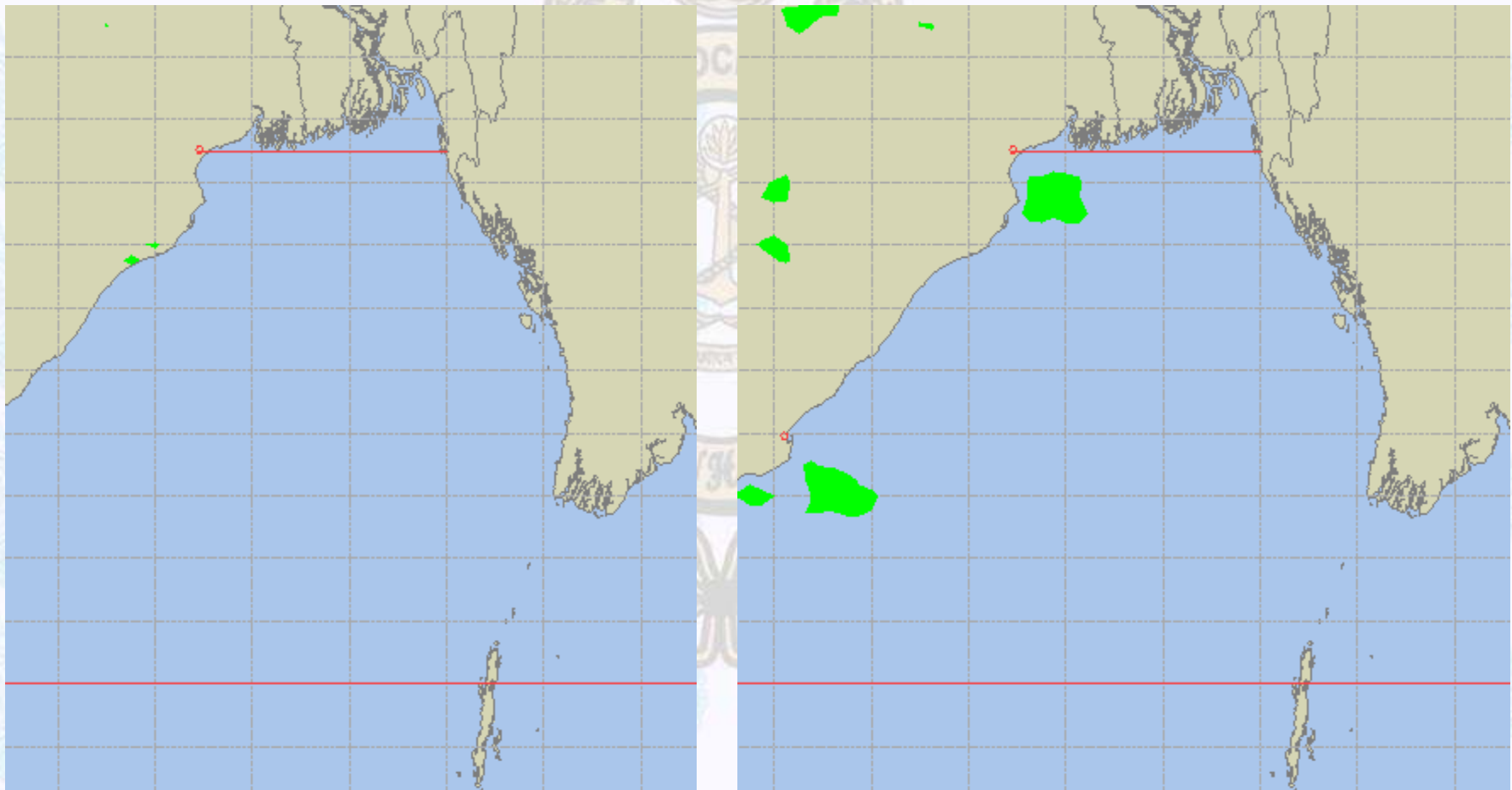




Peak Gusting Possibilities – 01 & 02 May 2020

01 May 2020 Friday

02 May 2020 Saturday

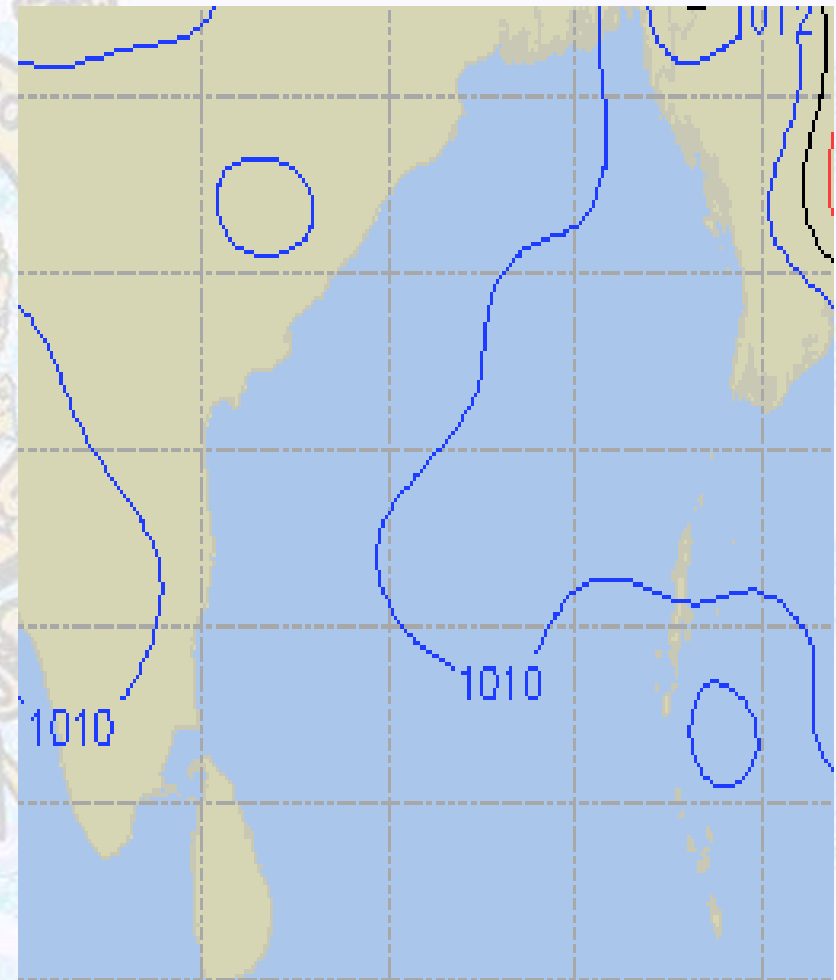
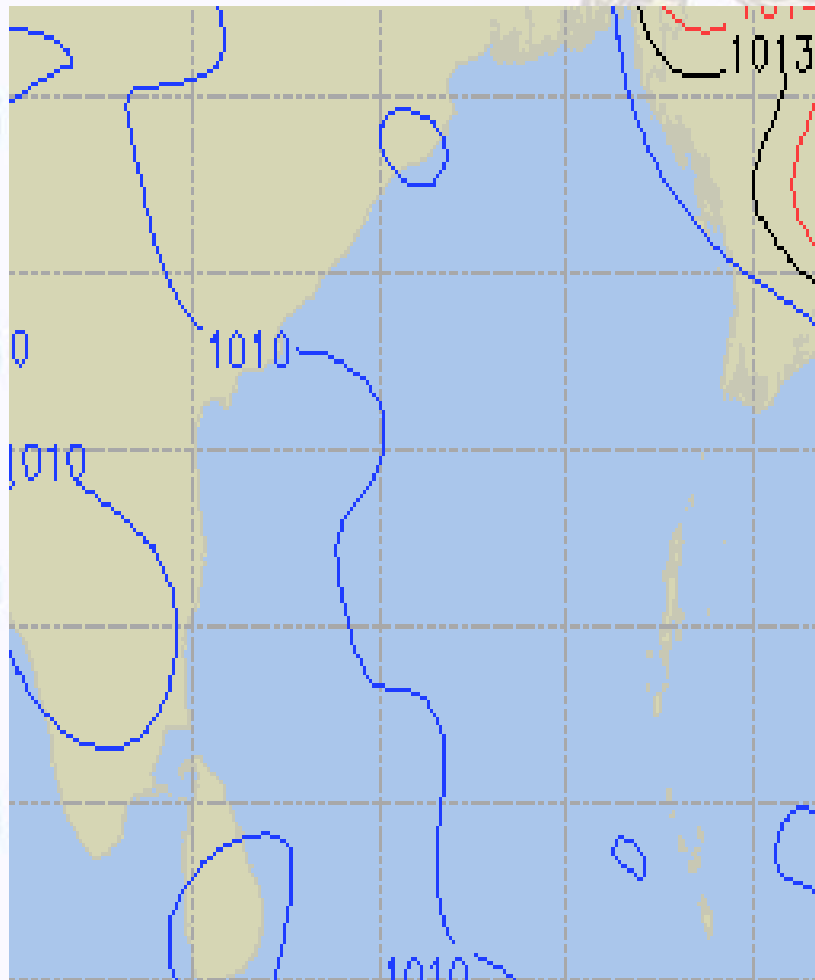




Surface Pressure forecast – 01 & 02 May 2020

01 May 2020 Friday

02 May 2020 Saturday

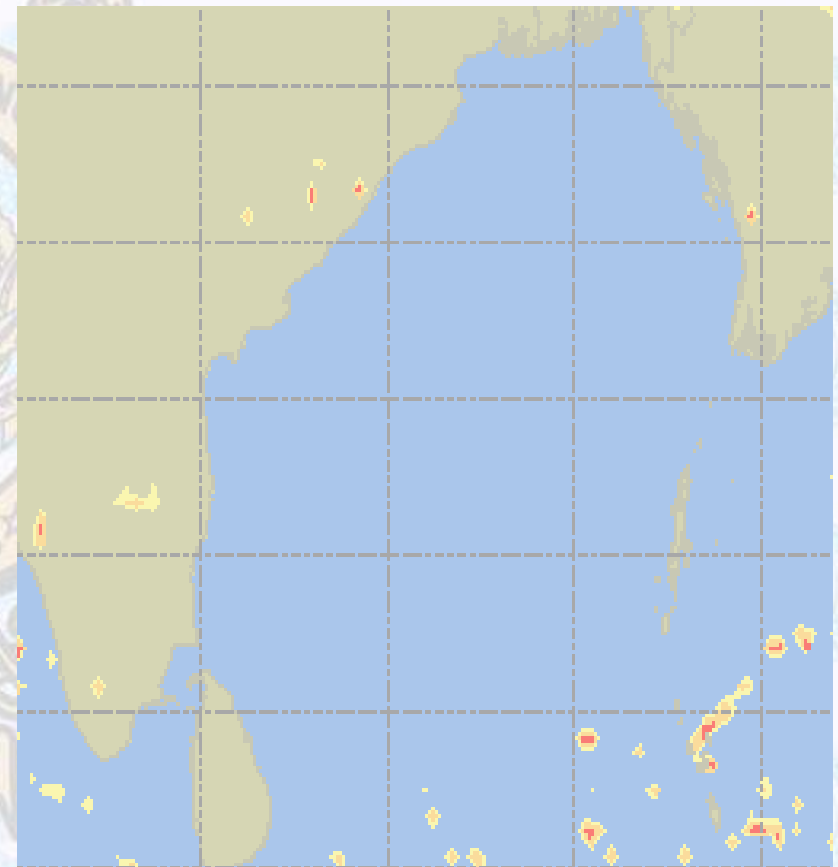
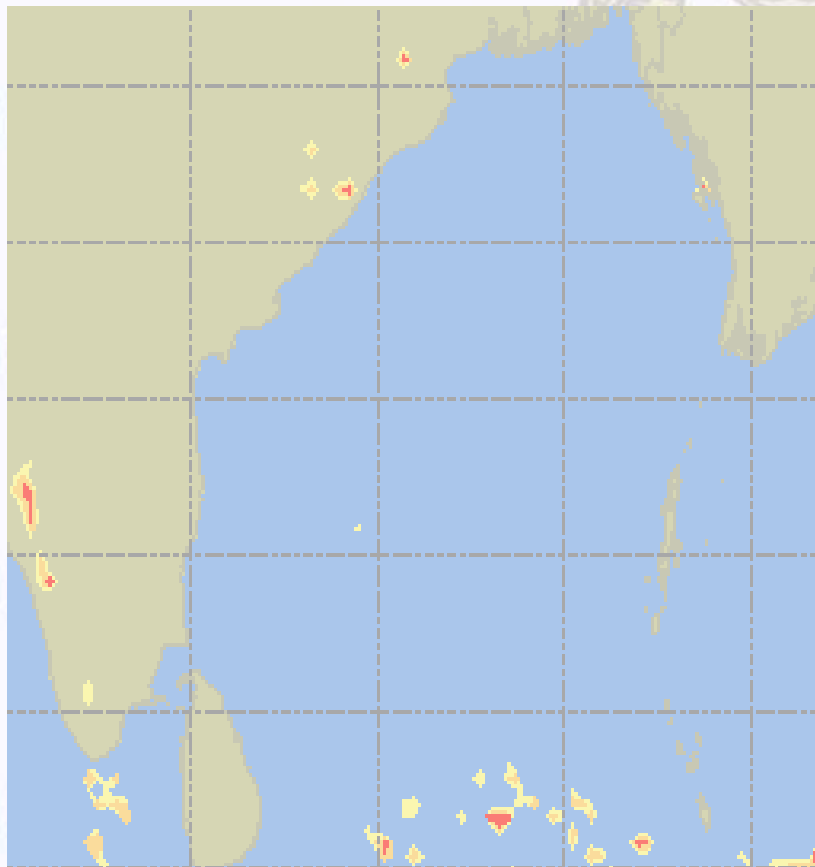




Visibility at Sea Forecast – 01 & 02 May - 2020

01 May 2020 Friday

02 May 2020 Saturday



Visibility Scale:

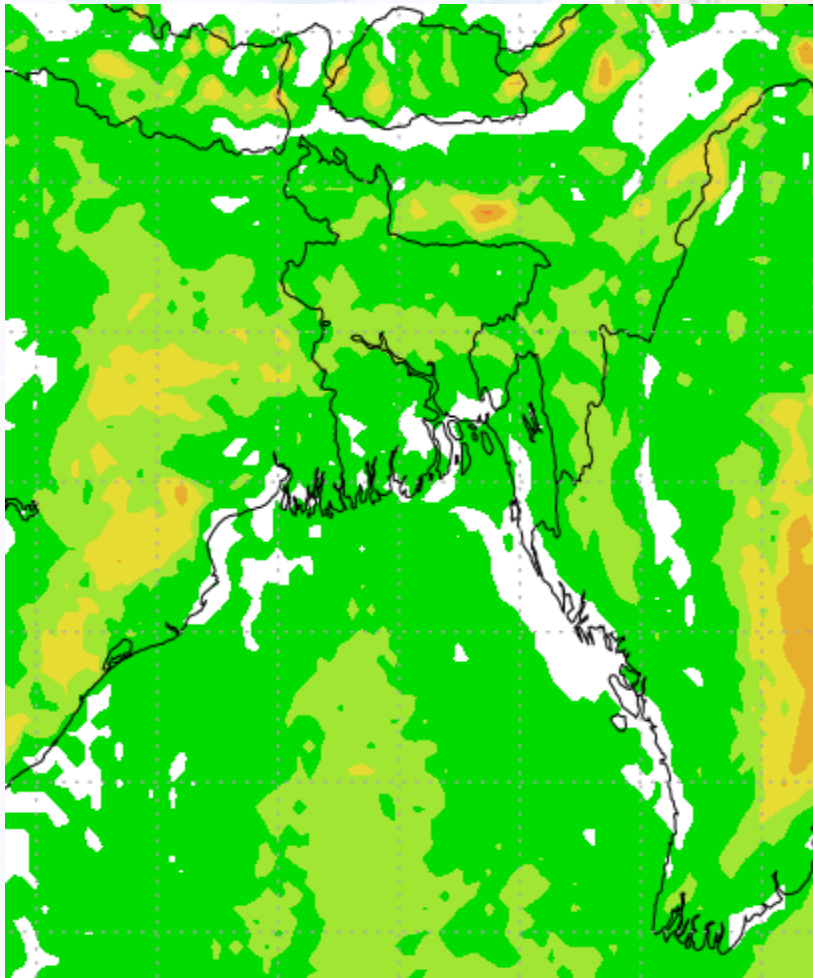


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

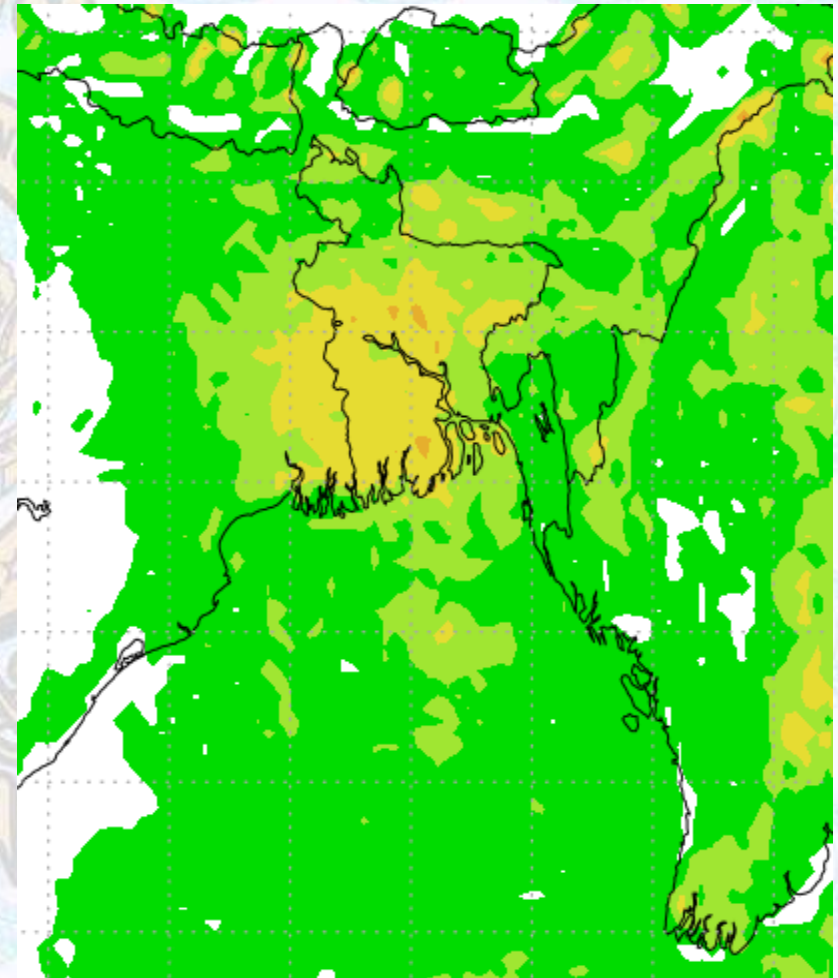


Precipitation

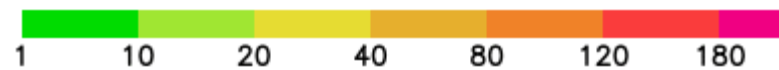
Rain(mm) 01 & 02 May 2020



Rain(mm) 02 & 03 May 2020



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

| | Time | Height | | Time | Height | | Time | Height |
|-------------|------|--------|--|------|--------|--|------|--------|
| | | 0042 | | 1.28 | | | 0406 | 2.43 |
| 01 May 2020 | 0647 | 3.58 | | 1024 | 1.10 | | 0828 | 0.89 |
| | 1302 | 1.44 | | 1649 | 2.71 | | 1427 | 2.39 |
| | 1922 | 3.97 | | 2328 | 1.08 | | 2025 | 1.08 |
| | | | | | | | | |
| | Time | Height | | Time | Height | | Time | Height |
| | | 0211 | | 1.26 | | | 0536 | 2.49 |
| 02 May 2020 | 0816 | 3.71 | | 1158 | 1.14 | | 1148 | 1.25 |
| | 1436 | 1.42 | | 1815 | 2.79 | | 1807 | 2.64 |
| | 2042 | 4.09 | | - | - | | - | - |
| | | | | | | | | |
| | Time | Height | | Time | Height | | Time | Height |
| | | 0332 | | 1.08 | | | 0059 | 1.00 |
| 03 May 2020 | 0935 | 4.03 | | 0701 | 2.74 | | 0707 | 2.55 |
| | 1559 | 1.22 | | 1328 | 1.03 | | 1313 | 1.13 |
| | 2151 | 4.31 | | 1926 | 3.00 | | 1921 | 2.76 |
| | | | | | | | | |