



WEATHER FORECAST FOR BN

10 - 13 MAY 2021



WEATHER FORECAST – DHAKA

10.05.2021

| Hourly | 2 PM | 4 PM | 8 PM | 11 PM |
|-------------------|---------------|---------------|---------------|---------------|
| Temp. / Dew Point | 32°C / 24°C | 31°C / 24°C | 29°C / 24°C | 28°C / 25°C |
| Wind | 14 km/h SSW | 15 km/h S | 12 km/h S | 11 m/h SSW |
| Humidity | 65% | 66% | 76% | 81% |
| Chance of Precip | 14% | 17% | 23% | 31% |
| Cloud Cover | 60% | 60% | 48% | 44% |
| Conditions | Partly Cloudy | Partly Cloudy | Partly Cloudy | Partly Cloudy |
| Sunrise / Sunset | 0520 / 1832 | | | |

Conditions

Pressure : 1008 hpa

Visibility : 3.54 km

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



WEATHER FORECAST – CHATTOGRAM

10.05.2021

| Hourly | 2 PM | 4 PM | 8 PM | 11 PM |
|-------------------|--------------------|--------------------|--------------------|--------------------|
| Temp. / Dew Point | 30°C / 25°C | 29°C / 25°C | 29°C / 26°C | 28°C / 25°C |
| Wind | 13 km/h WSW | 15 km/h WSW | 9 km/h WSW | 6 km/h WSW |
| Humidity | 73% | 76% | 82% | 85% |
| Chance of Precip. | 11% | 6% | 17% | 44% |
| Cloud Cover | 34% | 36% | 38% | 50% |
| Conditions | Cloudy/ Light Rain | Cloudy/ Light Rain | Cloudy/ Light Rain | Cloudy/ Light Rain |
| Sunrise / Sunset | 0516 / 1824 | | | |

Conditions

Pressure : 1009 hpa

Visibility : 16.09 Km

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



WEATHER FORECAST – KHULNA

10.05.2021

| Hourly | 2 PM | 4 PM | 8 PM | 11 PM |
|-------------------|---------------|---------------|---------------|---------------|
| Temp. / Dew Point | 32°C / 26°C | 29°C / 25°C | 28°C / 25°C | 27°C / 25°C |
| Wind | 13 km/h SSW | 16 km/h SSW | 9 km/h SSW | 9 m/h SSW |
| Humidity | 68% | 78% | 87% | 88% |
| Chance of Precip. | 78% | 51% | 30% | 15% |
| Cloud Cover | 75% | 70% | 59% | 31% |
| Conditions | Partly Cloudy | Partly Cloudy | Partly Cloudy | Partly Cloudy |
| Sunrise / Sunset | 0525 / 1834 | | | |

Conditions

Pressure : 1008 hpa

Visibility : 9.66 Km

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



GENERAL WEATHER FORECAST – DHAKA

| Description | 11 May 2021 | 12 May 2021 | 13 May 2021 |
|--------------------------|---------------------|---------------------|---------------------|
| Temperature (C) | 29°C / 24°C | 31°C / 25°C | 32°C / 25°C |
| Summary | Cloudy/ Light Rain | Cloudy/ Light Rain | Cloudy/ Light Rain |
| Sun Rise/Set | 5h 18m12s/18h32m12s | 5h 18m12s/18h32m12s | 5h 17m36s/18h33m12s |
| Day Length | 13h14m00s | 13h14m00s | 13h15m18s |
| Moon Rise/ Set | 5:00AM/ 6:11PM | 5:34AM/ 7:04PM | 6:12AM/ 7:57PM |
| Moon Phase/ illu | New Moon, 0% | New Moon, 0% | Waxing Crescent, 3% |
| Nautical Twilight | 04:28, 19:21 | 04:27, 19:21 | 04:27, 19:22 |
| Civil Twilight | 04:56, 18:56 | 04:55, 18:56 | 04:55, 18:57 |
| Humidity | D : 84% N : 92% | D : 82% N : 86% | D : 82% N : 87% |
| Barometer (mb) | 1009 | 1009 | 1009 |
| Visibility | Moderate | Moderate | Moderate |
| Precip Chance | 96% | 49% | 62% |
| Wind (km/hr) | 16 Km/h, SSE | 14 Km/h, SE | 13 Km/h, SSE |

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



GENERAL WEATHER FORECAST– CHATTOGRAM

| Description | 11 May 2021 | 12 May 2021 | 13 May 2021 |
|-------------------------|---------------------|---------------------|---------------------|
| Temperature (C) | 30°C/ 25°C | 29°C/ 25°C | 31°C/ 25°C |
| Summary | Cloudy/ Rain | Cloudy/ Rain | Cloudy/ Rain |
| Sun Rise/Set | 5h15m00s/ 18h24m00s | 5h14m00s/ 18h25m00s | 5h14m00s/ 18h25m09s |
| Day Length | 13h09m00s | 13h13m00s | 13h15m07s |
| Moon Rise/ Set | 4:55AM/ 6:04PM | 5:31AM/ 6:55PM | 6:09AM/ 7:48PM |
| Moon Phase/ illu | New Moon, 0% | New Moon, 0% | Waxing Crescent, 3% |
| NauticalTwilight | 04:25, 19:16 | 04:24, 19:16 | 04:24, 19:17 |
| Civil Twilight | 04:53, 18:44 | 04:52, 18:44 | 04:52, 18:45 |
| Humidity | D : 80% N : 91% | D : 87% N : 97% | D : 83% N : 93% |
| Barometer (mb) | 1010 | 10008 | 1009 |
| Visibility | Moderate | Moderate | Moderate |
| Precip Chance | 55% | 63% | 66% |
| Wind (km/hr) | 15 Km/h, SSW | 16 Km/h, S | 16 Km/h, S |

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



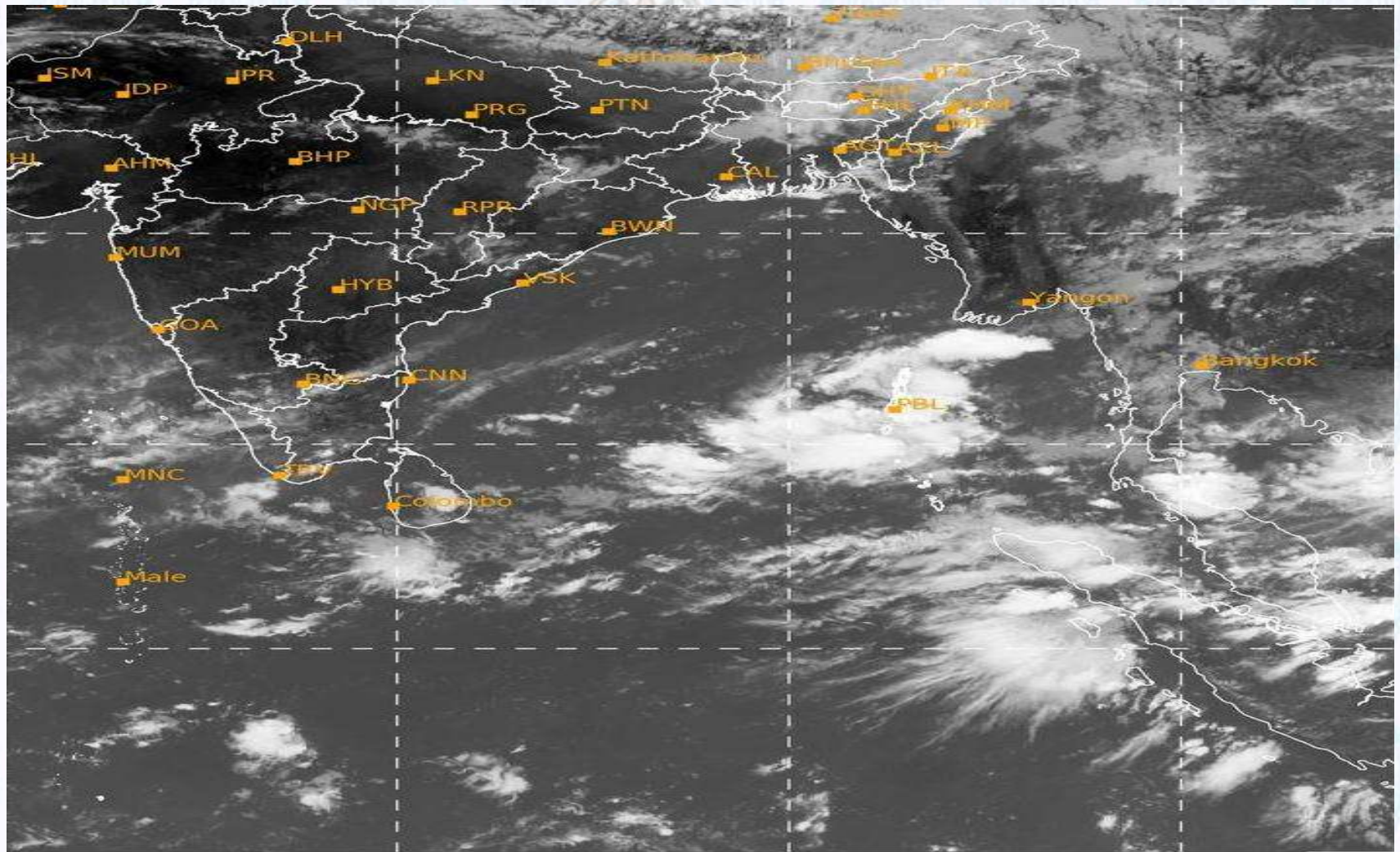
GENERAL WEATHER FORECAST – KHULNA

| Description | 11 May 2021 | 12 May 2021 | 13 May 2021 |
|--------------------------|---------------------|---------------------|---------------------|
| Temperature(C) | 30°C / 25°C | 31°C / 27°C | 32°C / 26°C |
| Summary | Cloudy/ Rain | Cloudy/ Rain | Cloudy/ Rain |
| Sun Rise/Set | 5h23m18s/ 18h34m00s | 5h23m01s/ 18h35m00s | 5h23m01s/ 18h35m36s |
| Day Length | 13h 10m 42s | 13h 11m 36s | 13h 18m 21s |
| Moon Rise/Set | 5:04AM/ 6:14PM | 5:39AM/ 7:06PM | 6:17AM/ 7:49PM |
| Moon Phase/illu | New Moon, 0% | New Moon, 0% | Waxing Crescent, 3% |
| Nautical Twilight | 04:33, 19:24 | 04:32, 19:24 | 04:32, 19:25 |
| Civil Twilight | 05:01, 18:56 | 04:59, 18:56 | 04:58, 18:57 |
| Humidity | D : 86% N : 95% | D : 86% N : 91% | D : 83% N : 93% |
| Barometer (mb) | 1009 | 1010 | 1010 |
| Visibility | Moderate | Moderate | Moderate |
| Precip Chance | 86% | 62% | 56% |
| Wind (km/hr) | 17 Km/h, S | 13 Km/h, SSE | 15 Km/h, S |

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



SATELLITE VIEW OF BAY OF BENGAL

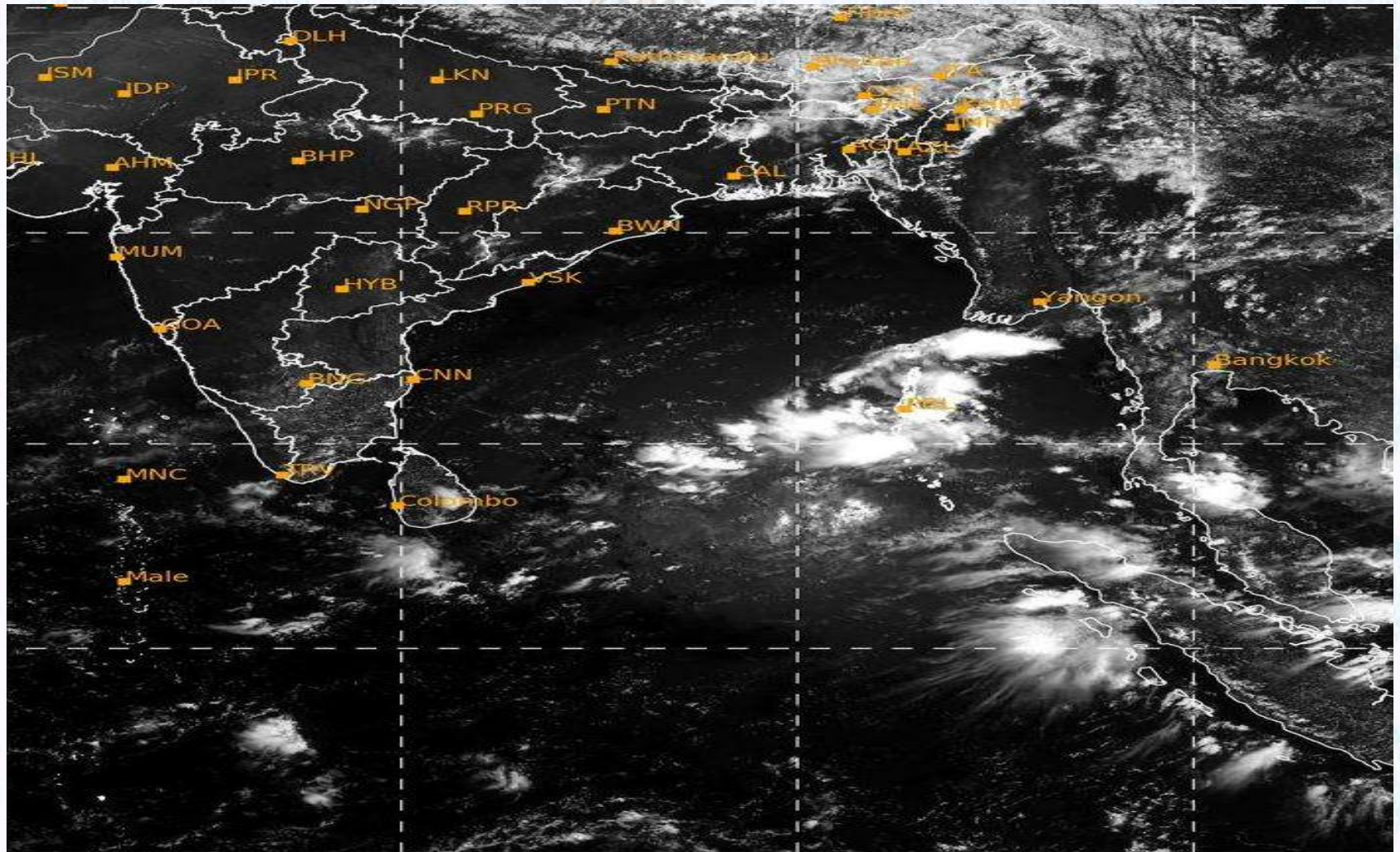


10/05/2021, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



10/05/2021, 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 10.05.2021)

| | | |
|-------------------|------------------------------------|--|
| Part One | NO STORM WARNING. | |
| Part Two | TROUGH OF LOW LIES OVER NORTH BAY. | |
| Part Three | Weather | TEMPORARY RAIN/THUNDER SHOWERS OVER NORTH BAY. |
| | 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 = 10,0000 UTC. CHATTOGRAM =1009 HPA |



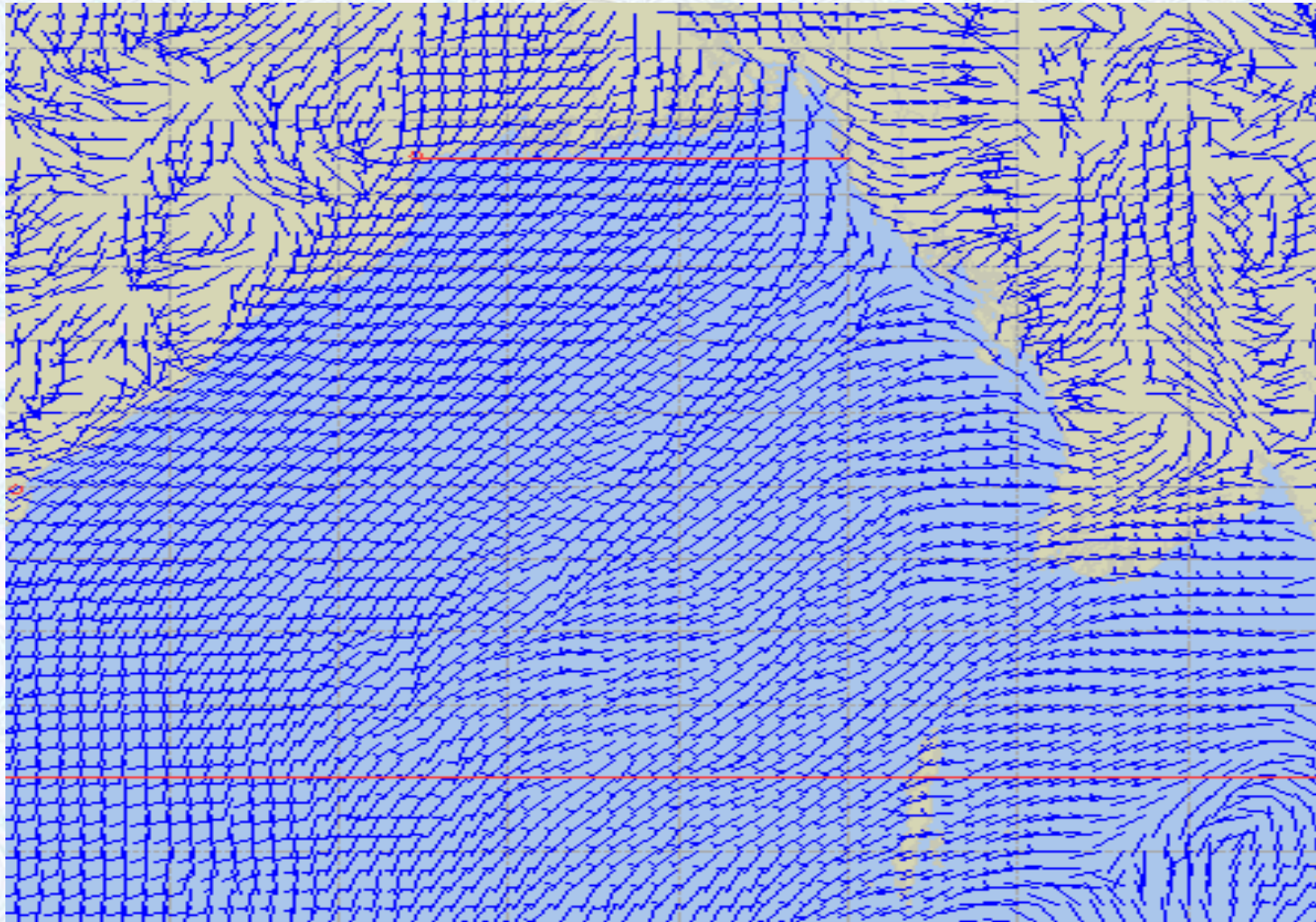
Inland River Port Warning (VALID TILL 06 PM OF 10.05.2020)

RAIN/THUNDER SHOWERS ACCOMPANIED BY TEMPORARY WEST/NORTH-WESTERLY GUSTY/SQUALLY WIND SPEED 45-60 KPH IS LIKELY TO OCCUR OVER THE REGIONS OF RANGPUR, RAJSHAHI, BOGURA, PABNA, TANGAIL, MYMENSINGH, DHAKA, FARIDPUR, MADARIPUR, JASHORE, 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- 11 May - 2021



Legend:



**Calm
Winds**



5 Knots



10 Knots



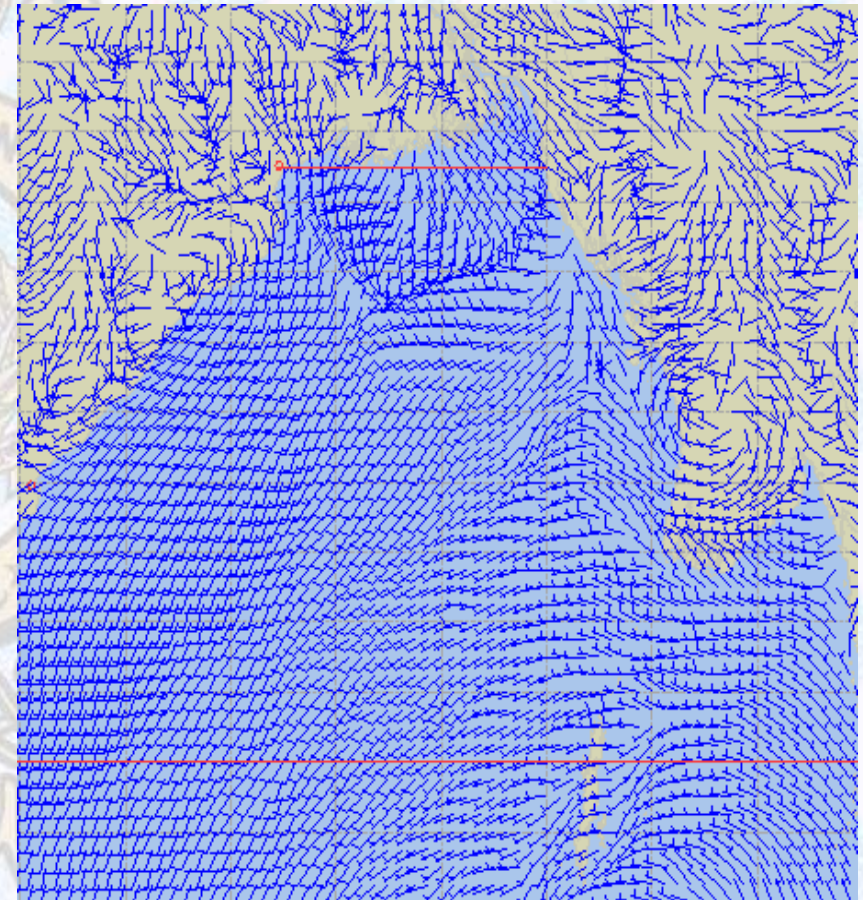
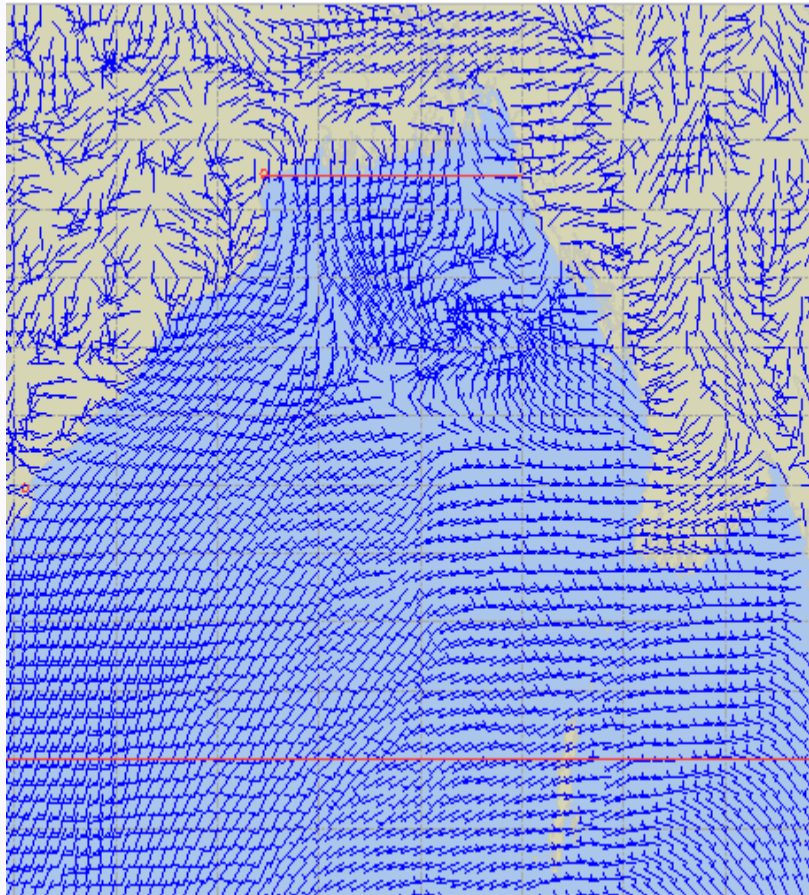
60 Knots



Surface Wind Forecast – 12 & 13 May - 2021

12 May 21 Wednesday

13 May 21 Thursday



Legend:



Calm
Winds



5 Knots



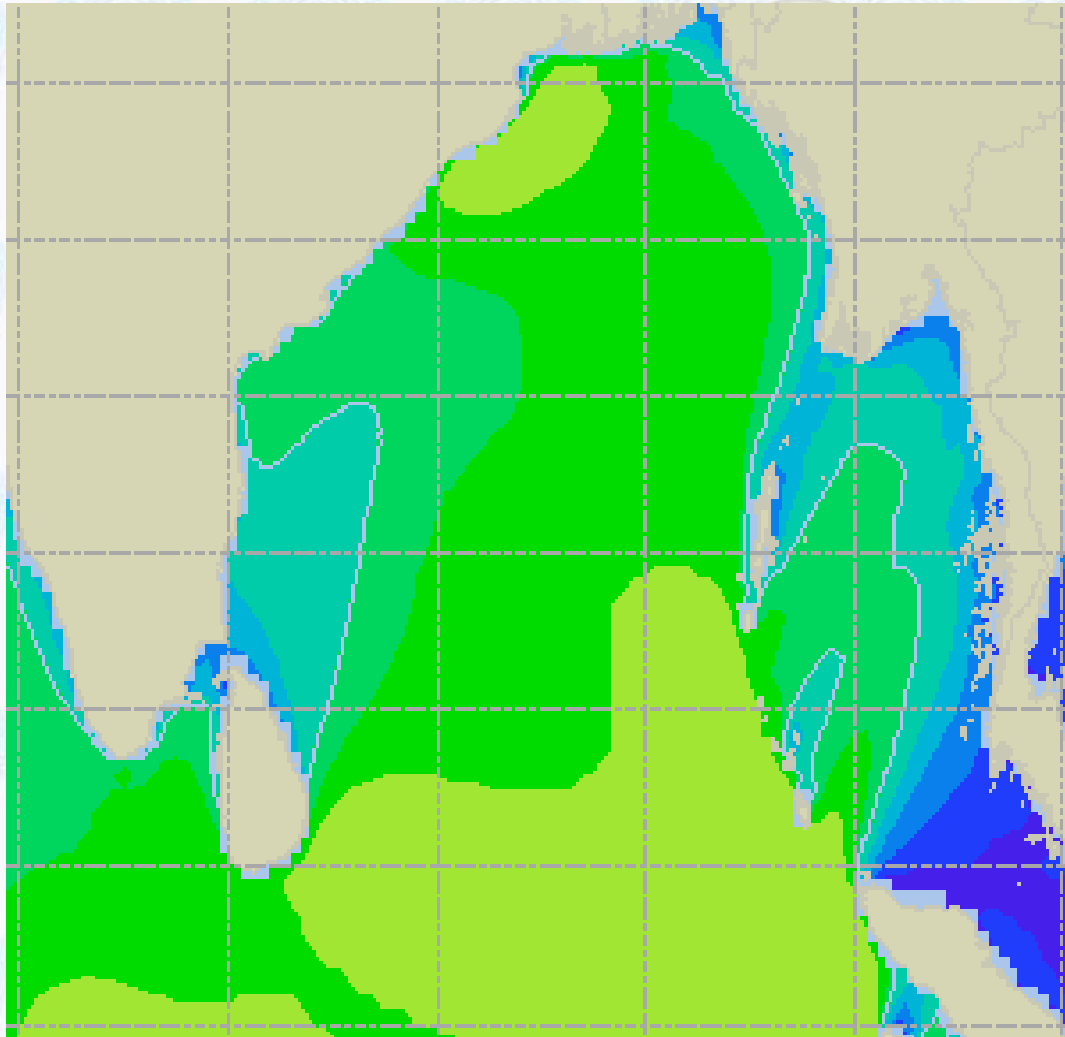
10 Knots



60 Knots



Sea State Forecast – 11 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 |

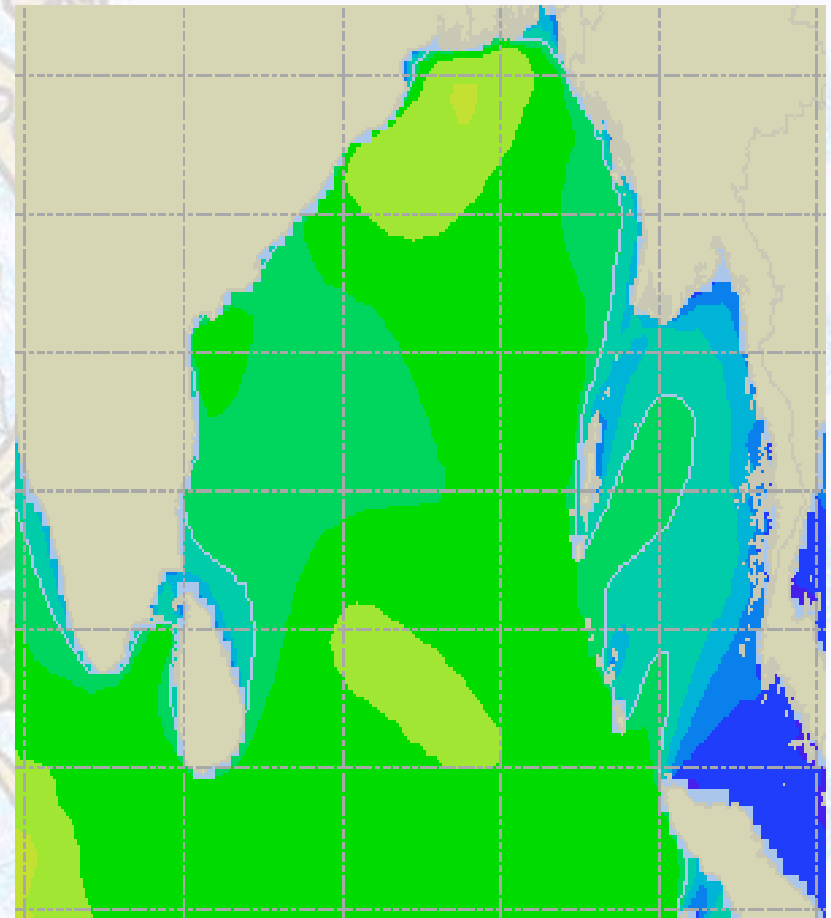
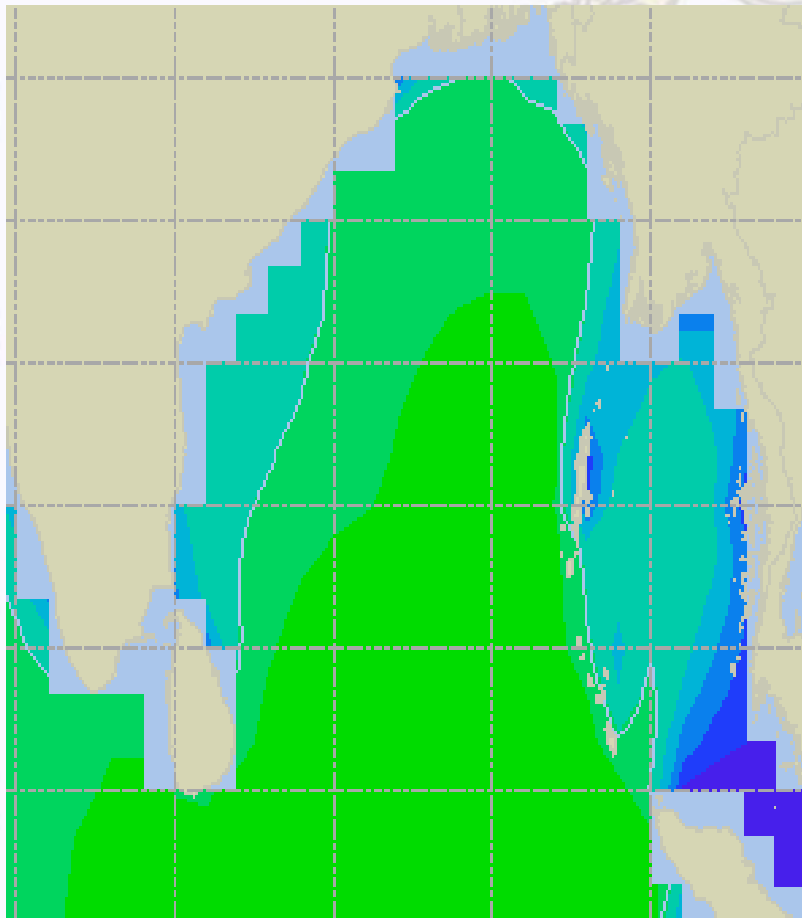




Sea State Forecast – 12 & 13 May - 2021

12 May 21 Wednesday

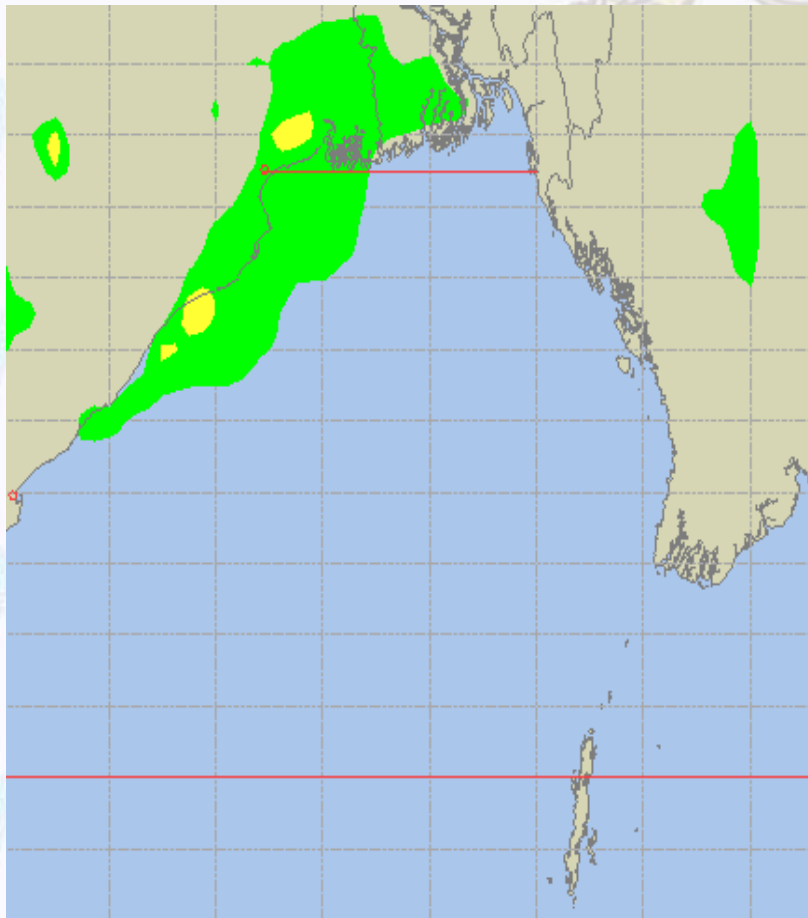
13 May 21 Thursday



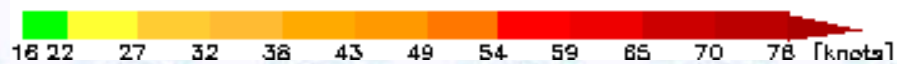
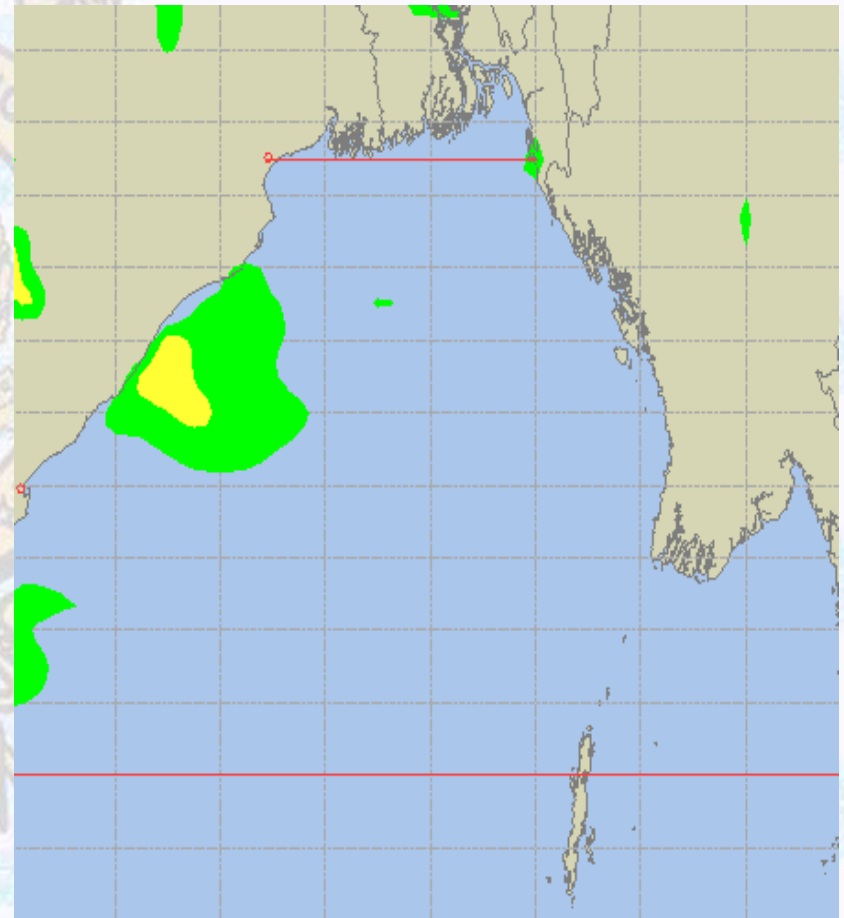


Peak Gusting Possibilities— 11 & 12 May 2021

11 May 21 Tuesday



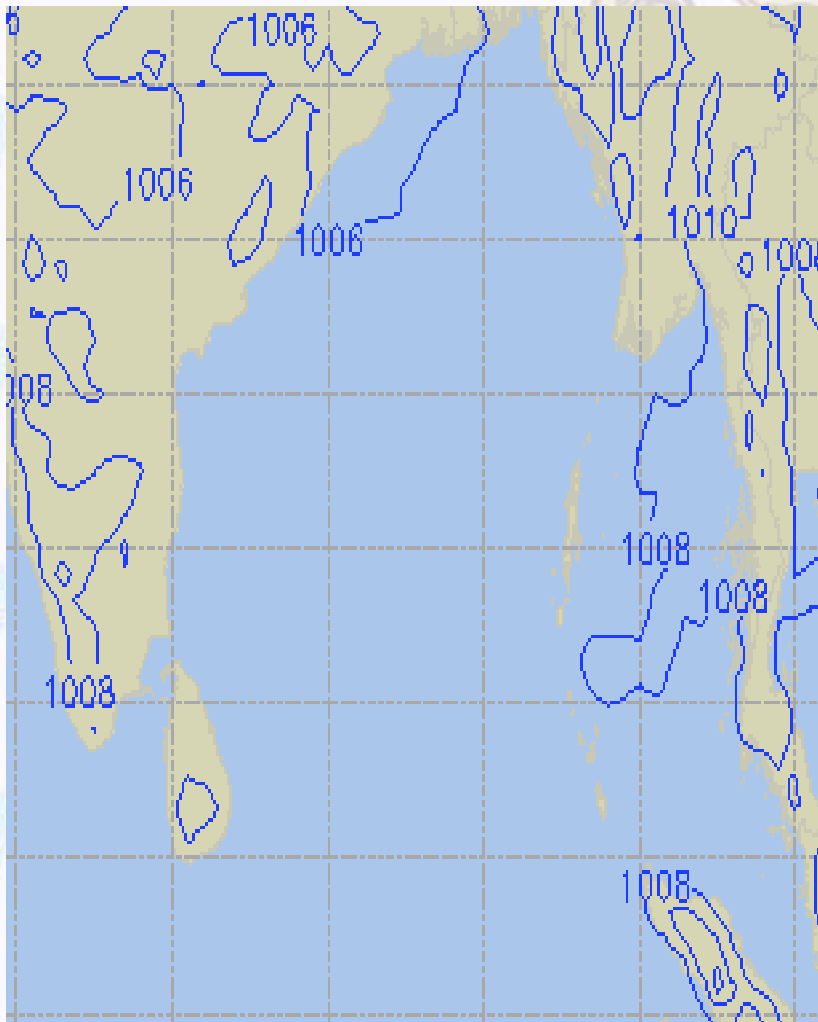
12 May 21 Wednesday



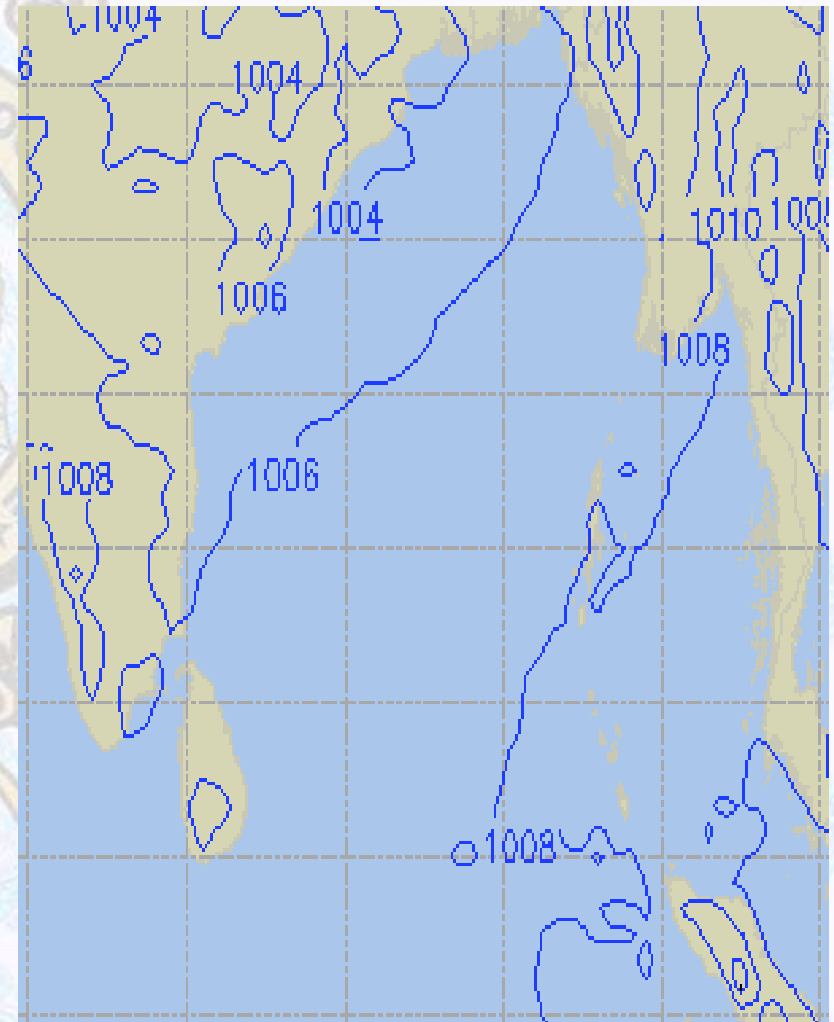


Surface Pressure forecast – 11 & 12 May 2021

11 May 21 Tuesday



12 May 21 Wednesday

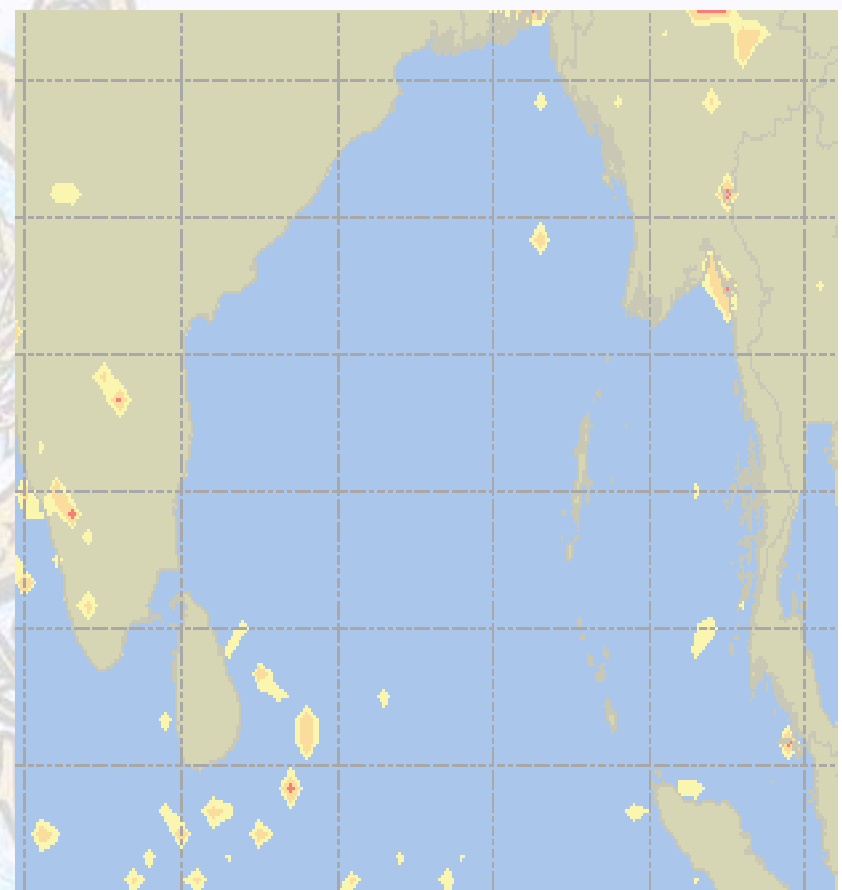
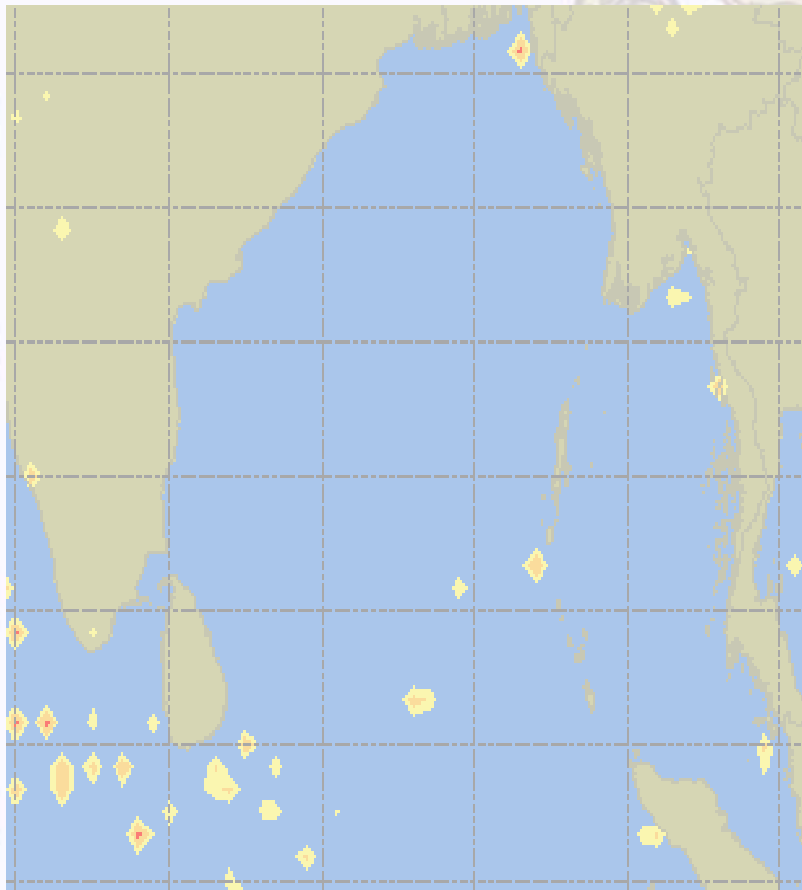




Visibility at Sea Forecast – 11 & 12 May 2021

11 May 21 Tuesday

12 May 21 Wednesday



Visibility Scale:



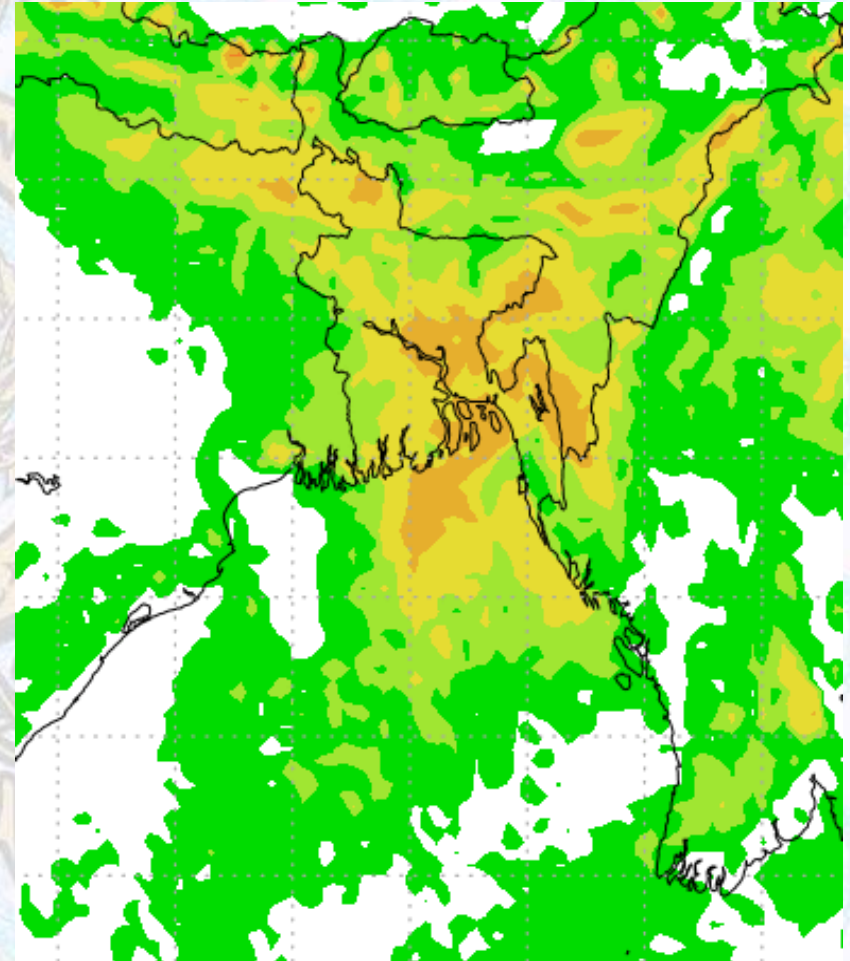
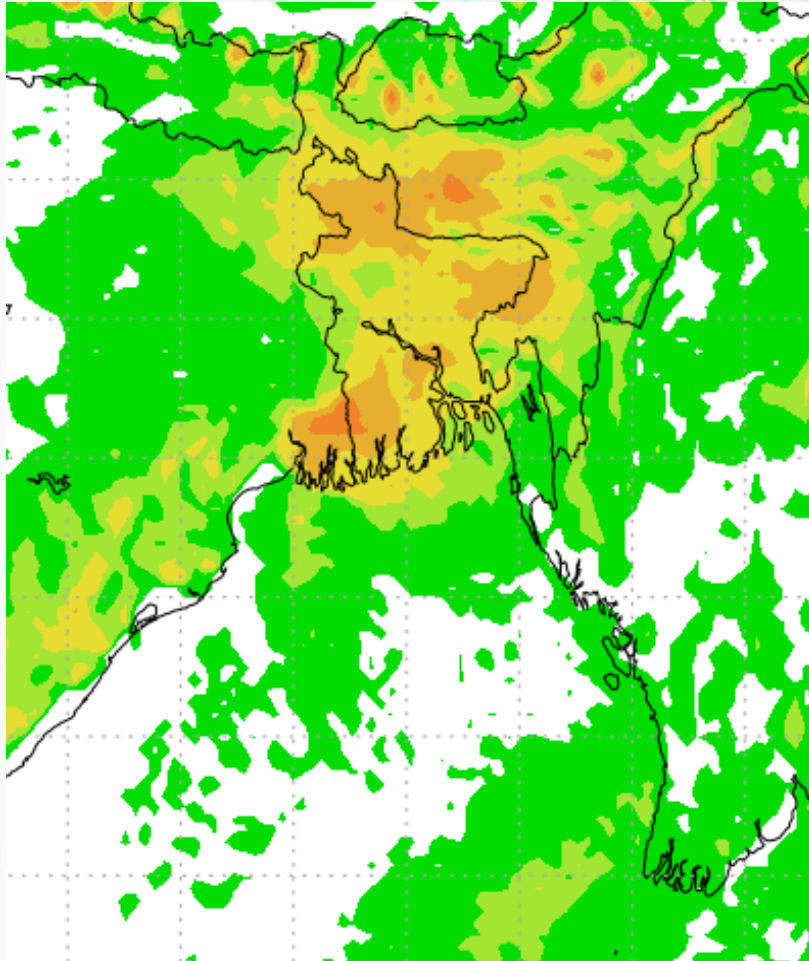
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



Precipitation

Rain(mm) 11 & 12 May 2021

Rain(mm) 12 & 13 May 2021



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

| | Time | Height | | Time | Height | | Time | Height |
|--------------------|-------------|---------------|--|-------------|---------------|--|-------------|---------------|
| | | | | | | | | |
| 11 May 2021 | 0041 | 4.49 | | 0443 | 0.59 | | 0420 | 0.70 |
| | 0702 | 0.69 | | 1030 | 3.44 | | 1029 | 3.07 |
| | 1257 | 4.76 | | 1705 | 0.65 | | 1650 | 0.83 |
| | 1925 | 0.73 | | 2243 | 3.20 | | 2239 | 2.80 |
| 12 May 2021 | Time | Height | | Time | Height | | Time | Height |
| | 0108 | 4.52 | | 0514 | 0.54 | | 0448 | 0.68 |
| | 0729 | 0.66 | | 1103 | 3.49 | | 1056 | 3.09 |
| | 1321 | 4.79 | | 1736 | 0.63 | | 1719 | 0.83 |
| | 1953 | 0.75 | | 2315 | 3.19 | | 2307 | 2.79 |
| 13 May 2021 | Time | Height | | Time | Height | | Time | Height |
| | 0134 | 4.53 | | 0543 | 0.53 | | 0515 | 0.68 |
| | 0755 | 0.63 | | 1136 | 3.47 | | 1124 | 3.09 |
| | 1346 | 4.79 | | 1805 | 0.64 | | 1748 | 0.86 |
| | 2020 | 0.78 | | 2346 | 3.12 | | 2336 | 2.77 |