



WEATHER FORECAST FOR BN

11 - 14 JUNE 2020



WEATHER FORECAST – DHAKA

11.06.2020

| Hourly | 2 PM | 4 PM | 8 PM | 11 PM |
|-------------------|----------------------|------------|------------|------------|
| Temp. / Dew Point | 29 / 26 | 29 / 25 | 29 / 25 | 28 / 25 |
| Wind | 8 km/h SE | 11 km/h SE | 16 km/h SE | 14 km/h SE |
| Humidity | 83% | 82% | 81% | 84% |
| Chance of Precip | 24% | 65% | 43% | 38% |
| Cloud Cover | 90% | 89% | 92% | 93% |
| Conditions | Cloudy | Cloudy | Cloudy | Cloudy |
| Sunrise Sunset | 5: 12 AM 6: 46 PM | | | |

Conditions

Pressure : 1001 hpa

Visibility : 6.44 km

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



WEATHER FORECAST – CHATTOGRAM

11.06.2020

| Hourly | 2 PM | 4 PM | 8 PM | 11 PM |
|-------------------|----------------------|---------------|---------------|---------------|
| Temp. / Dew Point | 32 / 25 | 31 / 25 | 29 / 26 | 28 / 26 |
| Wind | 15 km/h SSE | 17 km/h SSE | 19 km/h SSE | 18 km/h SE |
| Humidity | 65% | 71% | 84% | 87% |
| Chance of Precip. | 24% | 69% | 65% | 49% |
| Cloud Cover | 75% | 78% | 80% | 81% |
| Conditions | Thunderstorms | Thunderstorms | Thunderstorms | Thunderstorms |
| Sunrise Sunset | 5: 09 AM 6: 38 PM | | | |

Conditions

Pressure : 1002 hpa

Visibility : 8.05 Km

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



WEATHER FORECAST – KHULNA

11.06.2020

| Hourly | 2 PM | 4 PM | 8 PM | 11 PM |
|-------------------|----------------------|------------|------------|------------|
| Temp. / Dew Point | 31 / 27 | 30 / 27 | 29 / 27 | 28 / 26 |
| Wind | 7 km/h SE | 10 km/h SE | 13 km/h SE | 13 km/h SE |
| Humidity | 81% | 82% | 87% | 89% |
| Chance of Precip. | 31% | 55% | 21% | 24% |
| Cloud Cover | 89% | 89% | 87% | 84% |
| Conditions | Cloudy | Cloudy | Cloudy | Cloudy |
| Sunrise Sunset | 5: 18 AM 6: 48 PM | | | |

Conditions

Pressure : 1000 hpa

Visibility : 6.44 Km

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



GENERAL WEATHER FORECAST – DHAKA

| Description | 12 June 2020 | 13 June 2020 | 14 June 2020 |
|-------------------------|--------------------|--------------------|----------------------|
| Temperature (C) | 30 °C/ 26 °C | 31 °C/ 26 °C | 32 °C/ 26 °C |
| Summary | Thunderstorms | Thunderstorms | Thunderstorms |
| Sun Rise/Set | 5h10m12s/18h46m30s | 5h10m12s/18h46m48s | 5h10m30s/18h47m06s |
| Day Length | 13h36m18s | 13h36m36s | 13h36m36s |
| Moon Rise/ Set | ----- | 12:09 PM 11:57 AM | 12:42 PM 12:47 AM |
| Moon Phase/ illu | Waning Gibbous 96% | Last Quarter.47% | Waning Crescent .38% |
| NauticalTwilight | 0414,1941 | 0415,1942 | 0415,1942 |
| Civil Twilight | 0445,1911 | 0445,1911 | 0445,1912 |
| Humidity | D : 81% N : 86% | D : 80% N : 87% | D : 78% N : 86% |
| Barometer (mb) | 1001 | 1001 | 1002 |
| Visibility | Moderate | Moderate | Moderate |
| Precip Chance | 80% | 80% | 90% |
| Wind (mph) | 20 Km/h SE | 20 Km/h SSE | 18 Km/h SSE |

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



GENERAL WEATHER FORECAST– CHATTOGRAM

| Description | 12 June 2020 | 13 June 2020 | 14 June 2020 |
|-------------------------|--------------------|--------------------|----------------------|
| Temperature (C) | 31 °C/ 26 °C | 30 °C/ 26 °C | 30 °C/ 26 °C |
| Summary | Thunderstorms | Thunderstorms | Thunderstorms |
| Sun Rise/Set | 5h07m42s/18h37m30s | 5h07m42s/18h37m42s | 5h08m00s/18h38m00s |
| Day Length | 13h29m48s | 13h30m00s | 13h30m00s |
| Moon Rise/ Set | ----- | 12:02 PM 11:52 AM | 12:36 PM 12:41 AM |
| Moon Phase/ illu | Waning Gibbous 96% | Last Quarter.47% | Waning Crescent .38% |
| NauticalTwilight | 0413, 1932 | 0413, 1932 | 0413, 1932 |
| Civil Twilight | 0443, 1902 | 0443, 1902 | 0443, 1902 |
| Humidity | D : 82% N : 89% | D : 84% N : 92% | D : 86% N : 93% |
| Barometer (mb) | 1003 | 1003 | 1004 |
| Visibility | Moderate | Moderate | Moderate |
| Precip Chance | 80% | 80% | 80% |
| Wind (mph) | 23 Km/h SSE | 20 Km/h SSE | 16 Km/h S |

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



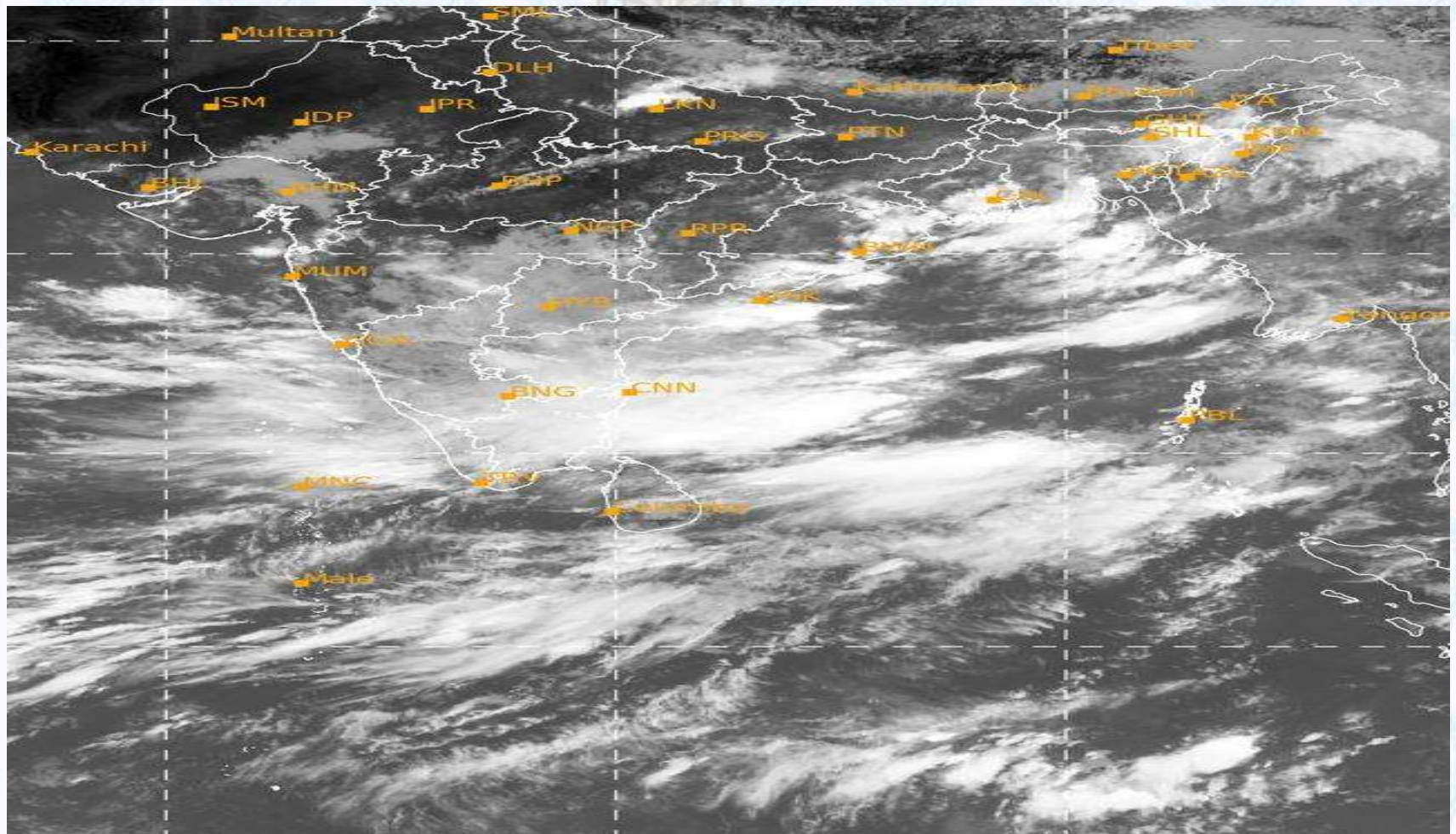
GENERAL WEATHER FORECAST – KHULNA

| Description | 12 June 2020 | 13 June 2020 | 14 June 2020 |
|--------------------------|--------------------|--------------------|----------------------|
| Temperature(C) | 31°C/ 26°C | 31°C/ 26°C | 32°C/ 26°C |
| Summary | Thunderstorms | Thunderstorms | Thunderstorms |
| Sun Rise/Set | 5h15m48s/18h47m42s | 5h15m48s/18h48m00s | 5h16m06s/18h48m18s |
| Day Length | 13h31m54s | 13h32m12s | 13h32m12s |
| Moon Rise/Set | ----- | 12:12 PM 11:02 AM | 12:46 PM 12:51 AM |
| Moon Phase/illu | Waning Gibbous 96% | Last Quarter.47% | Waning Crescent .38% |
| Nautical Twilight | 0421, 1942 | 0421, 1942 | 0421, 1943 |
| Civil Twilight | 0451, 1912 | 0451, 1912 | 0451, 1913 |
| Humidity | D : 83% N : 87% | D : 82% N : 89% | D : 79% N : 88% |
| Barometer (mb) | 1000 | 1000 | 1002 |
| Visibility | Moderate | Moderate | Moderate |
| Precip Chance | 10% | 80% | 80% |
| Wind (mph) | 20 km/h SE | 20 km/h SSE | 18 km/h SSE |

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



SATELLITE VIEW OF BAY OF BENGAL

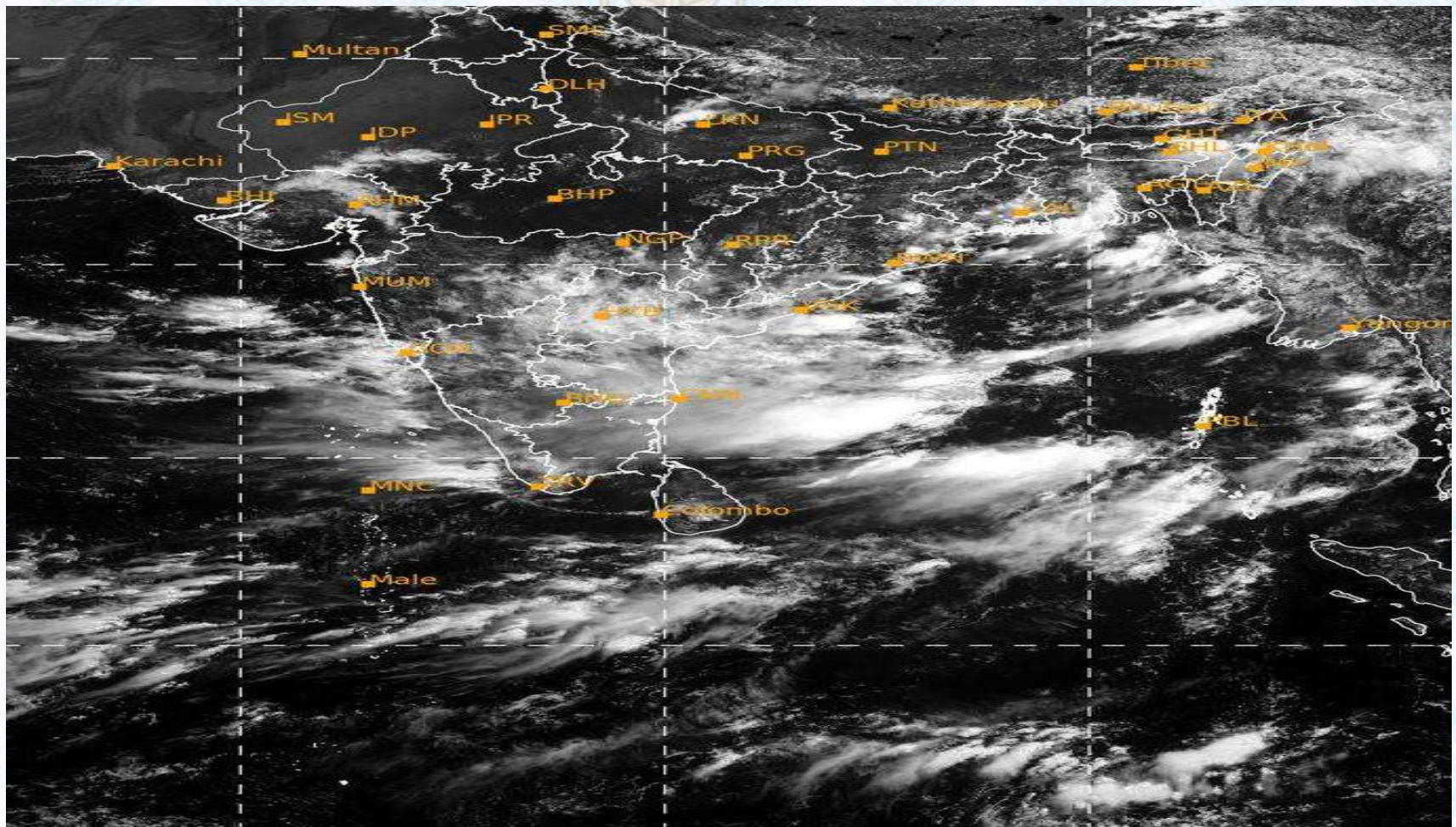


11/06/2020, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



11/06/2020, 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 11.06.2020)

| | | |
|-------------------|---|--|
| Part One | WARNING BAY OF BENGAL. | |
| Part Two | THE LOW OVER EAST CENTRAL BAY AND ADJOINING WEST CENTRAL BAY PERSISTS. IT IS LIKELY TO INTENSIFY. UNDER ITS INFLUENCE DEEP CONVECTION AND STEEP PRESSURE GRADIENT IS TAKING PLACES OVER NORTH BAY AND ADJOINING AREA. SQUALLY WEATHER MAY AFFECT MARITIME ORTS NORTH BAY AND ADJOINING COASTAL AREAS OF BANGLADESH. | |
| Part Three | Weather | RAIN/THUNDER SHOWERS OVER AREA C-90. |
| | Wind | SOUTH/SOUTH-EASTERLY 12-18 KTS, TEMPORARY GUSTING TO 28 KTS. |
| | Visibility | 02-04 KMS, REDUCING TO 1000 M OR LESS IN RAIN/SHOWERS. |
| | Outlook | FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE. |
| | MSL Pressure | AT =11,0000 UTC. CHATTOGRAM =1002HPA |



Inland River Port Warning (VALID TILL 07 PM OF 11.06.2020)

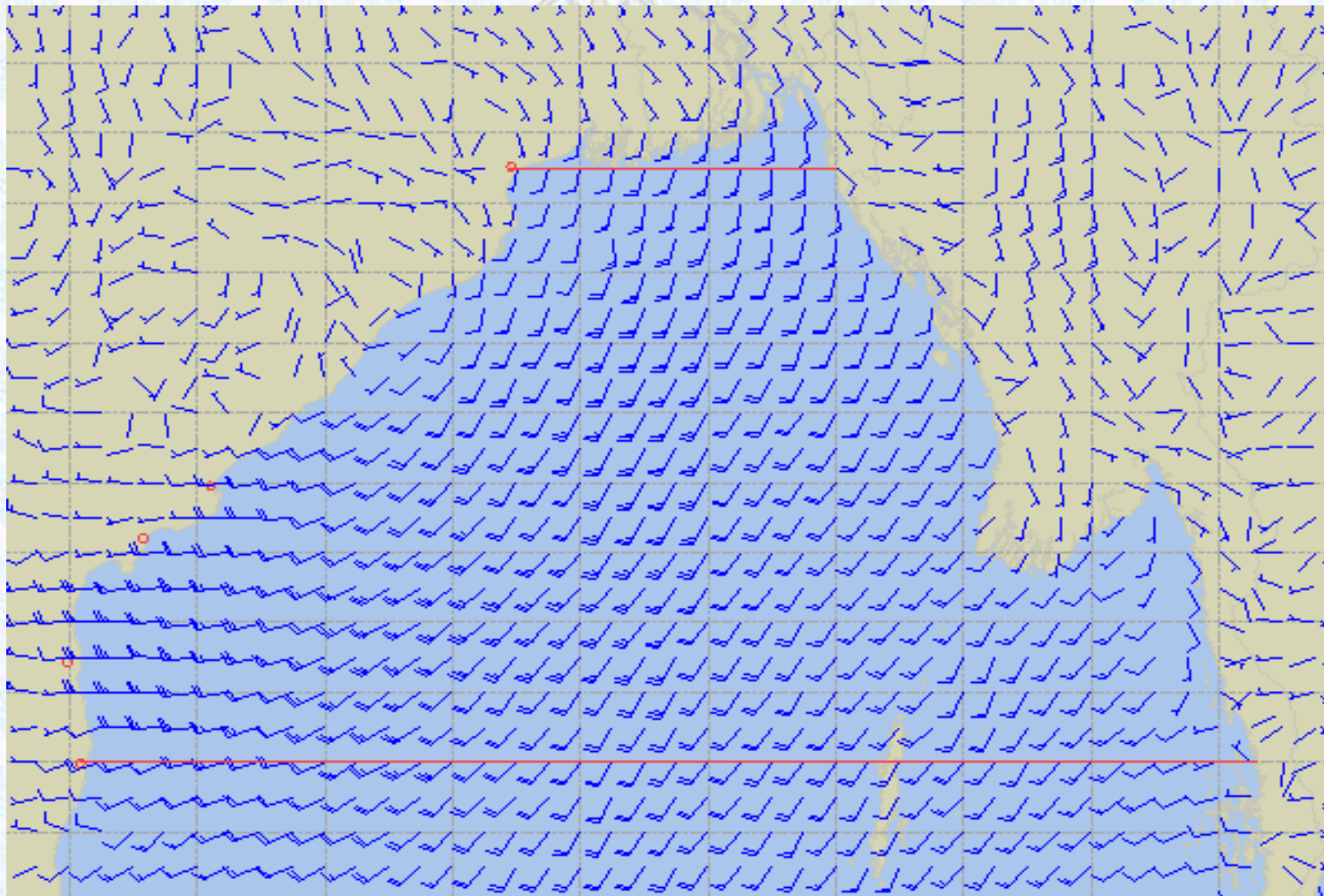
IN ASSOCIATION WITH RAIN/THUNDER SHOWERS TEMPORARY SOUTH/SOUTH-EASTERLY, SQUALLS **SPEED 60-80 KPH** IS LIKELY TO OCCUR OVER THE REGIONS OF KHULNA, BARISHAL, PATUAKHALI, NOAKHALI, CHATTOGRAM AND COXS BAZAR **WHEREIN RIVERPORTS SHALL HOIST RIVERINE WARNING SIGNAL NO. TWO (R) TWO**

RAIN/THUNDER SHOWERS ACCOMPANIED BY TEMPORARY SOUTH/SOUTH-EASTERLY 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- 12 June- 2020



Legend:



**Calm
Winds**



5 Knots



10 Knots



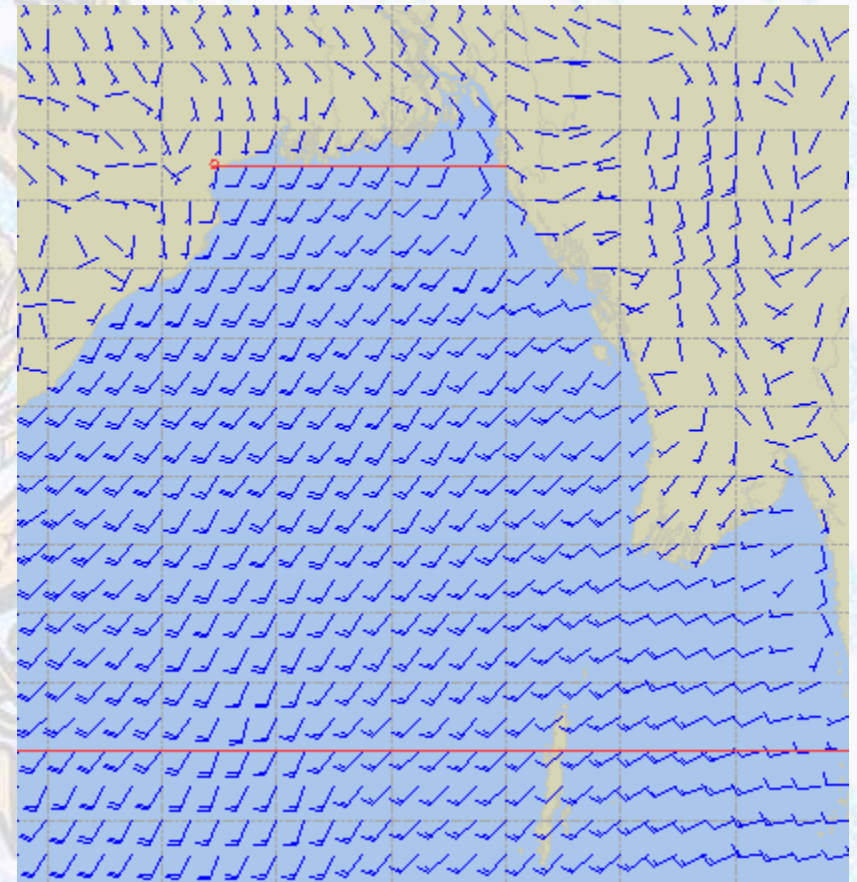
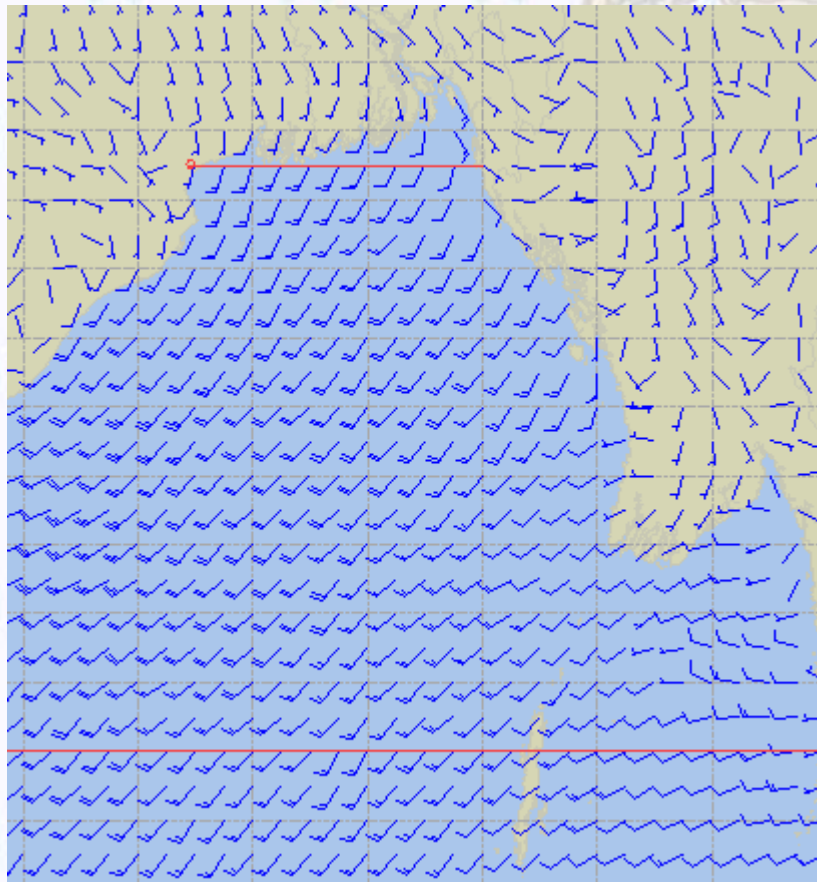
60 Knots



Surface Wind Forecast – 13 & 14 June- 2020

13 June 2020 Saturday

14 June 2020 Sunday



Legend:



**Calm
Winds**



5 Knots



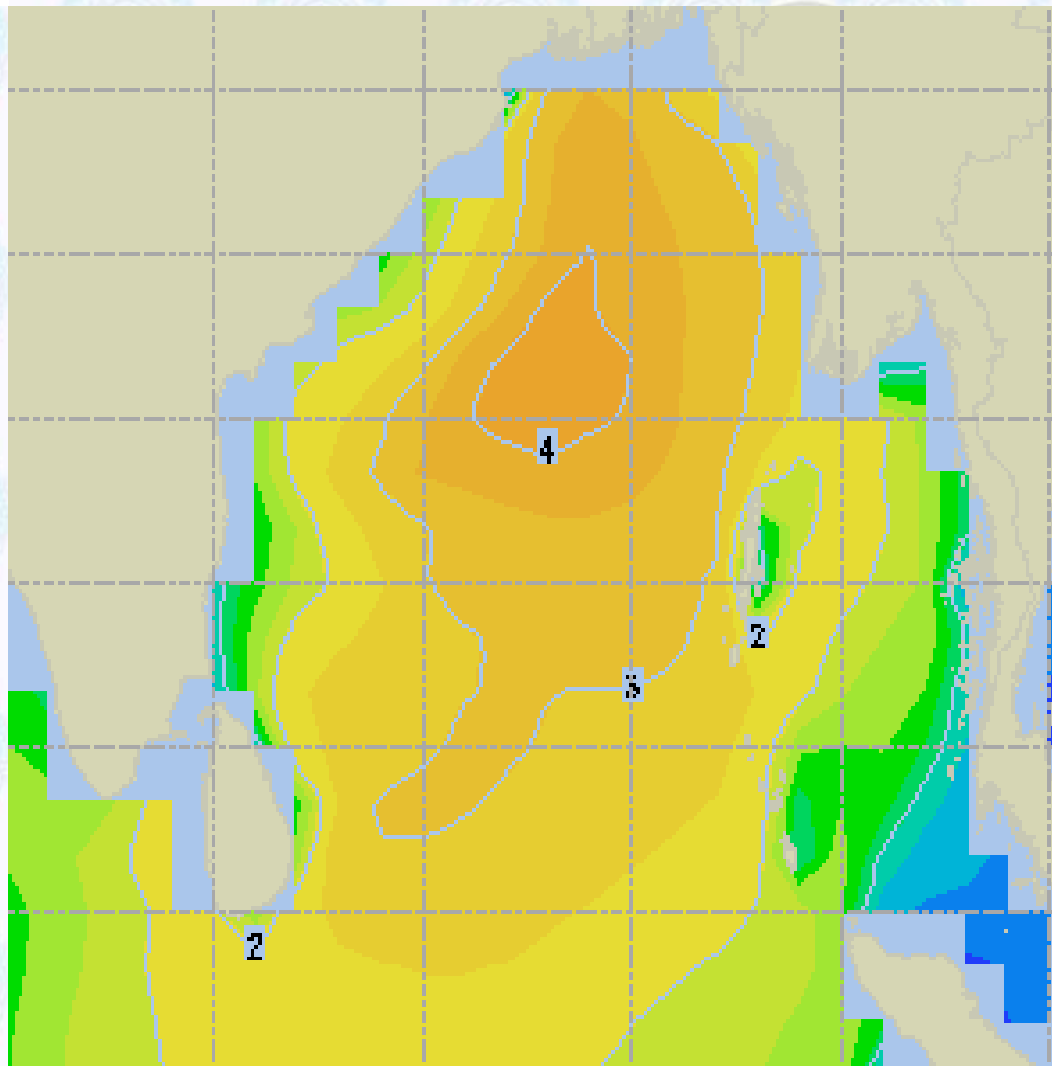
10 Knots



60 Knots



Sea State Forecast – 12 June- 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 |

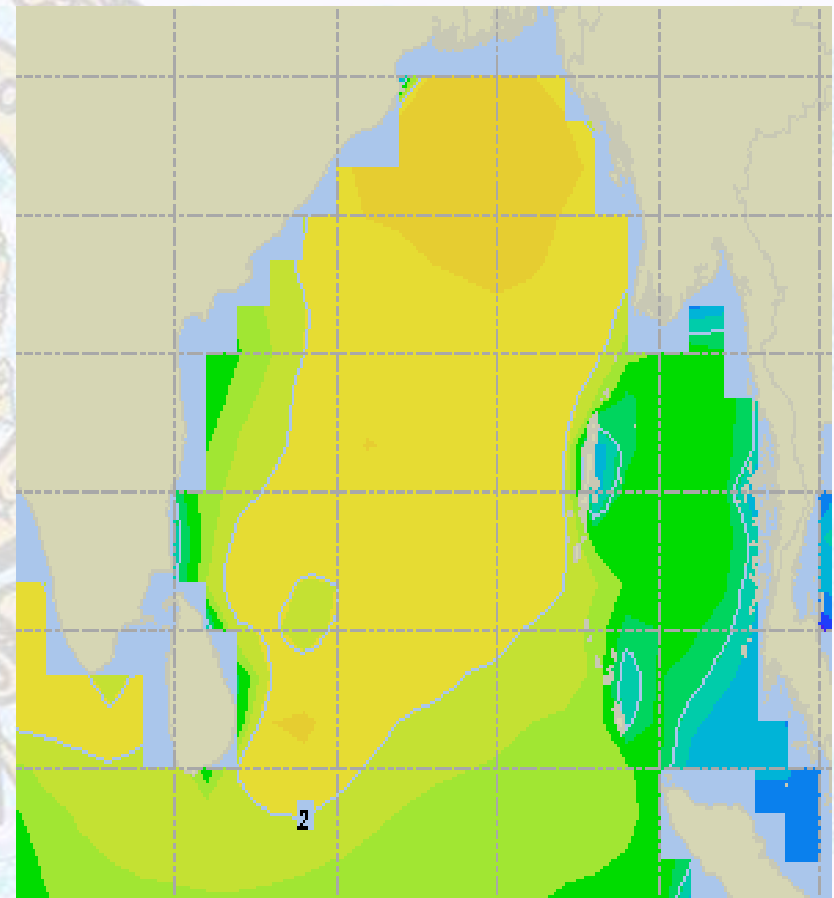
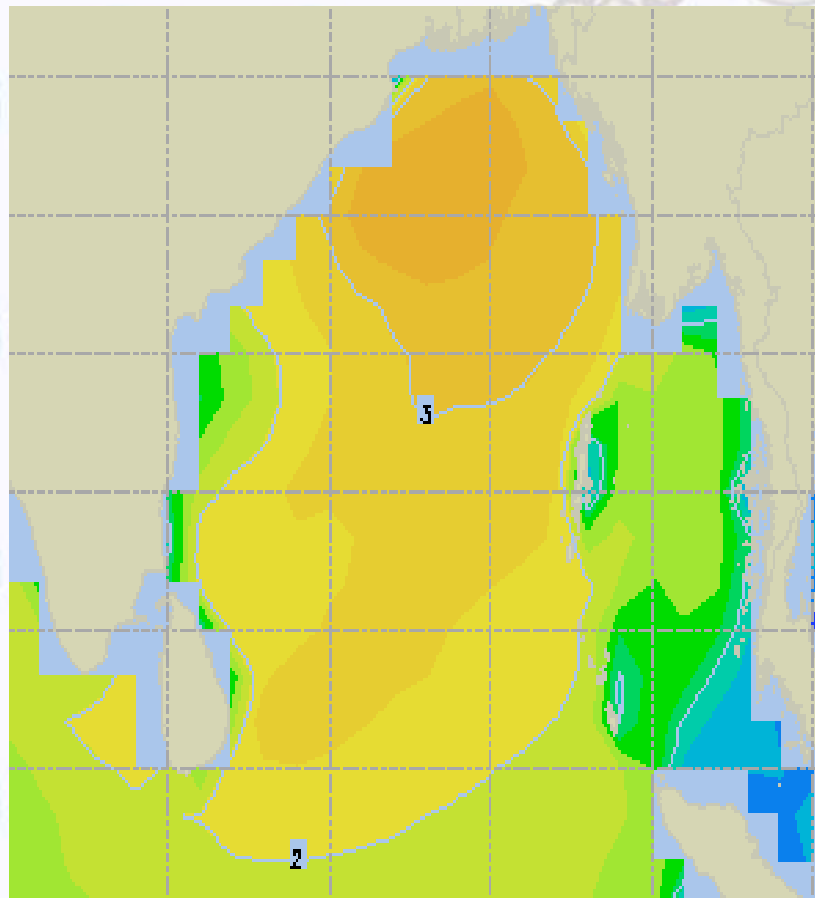




Sea State Forecast – 13 & 14 June-2020

13 June 2020 Saturday

14 June 2020 Sunday

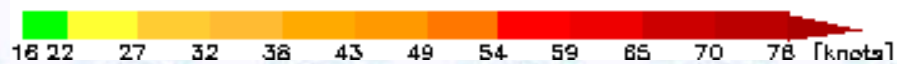
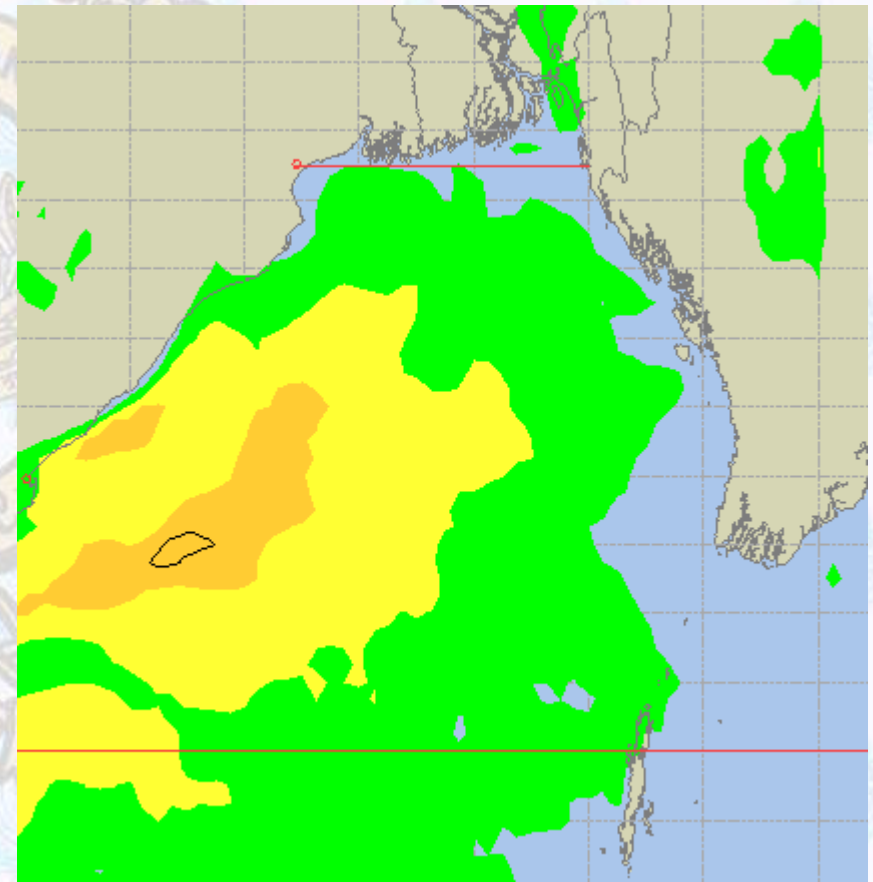
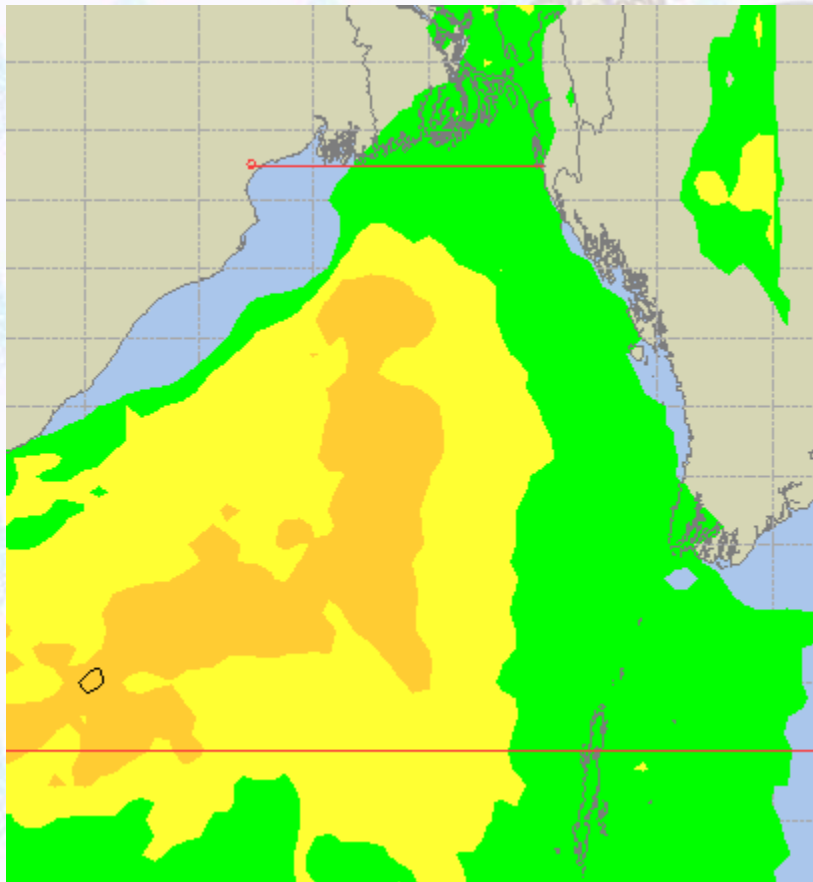




Peak Gusting Possibilities— 12 & 13 June 2020

12 June 2020 Friday

13 June 2020 Saturday

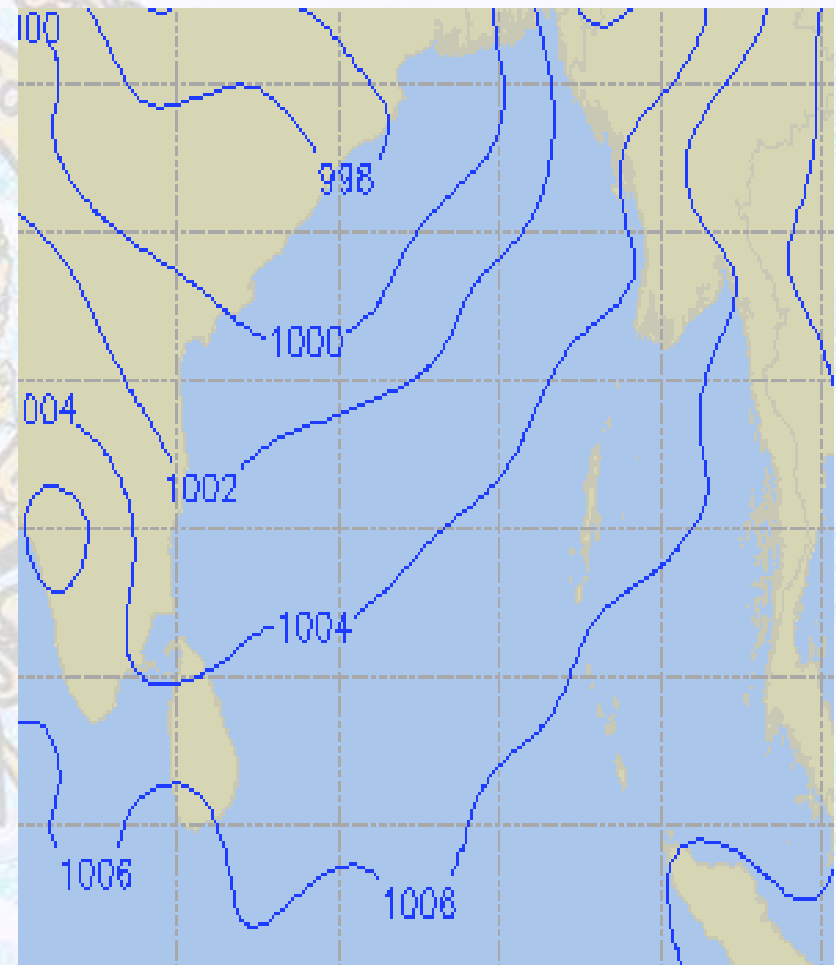
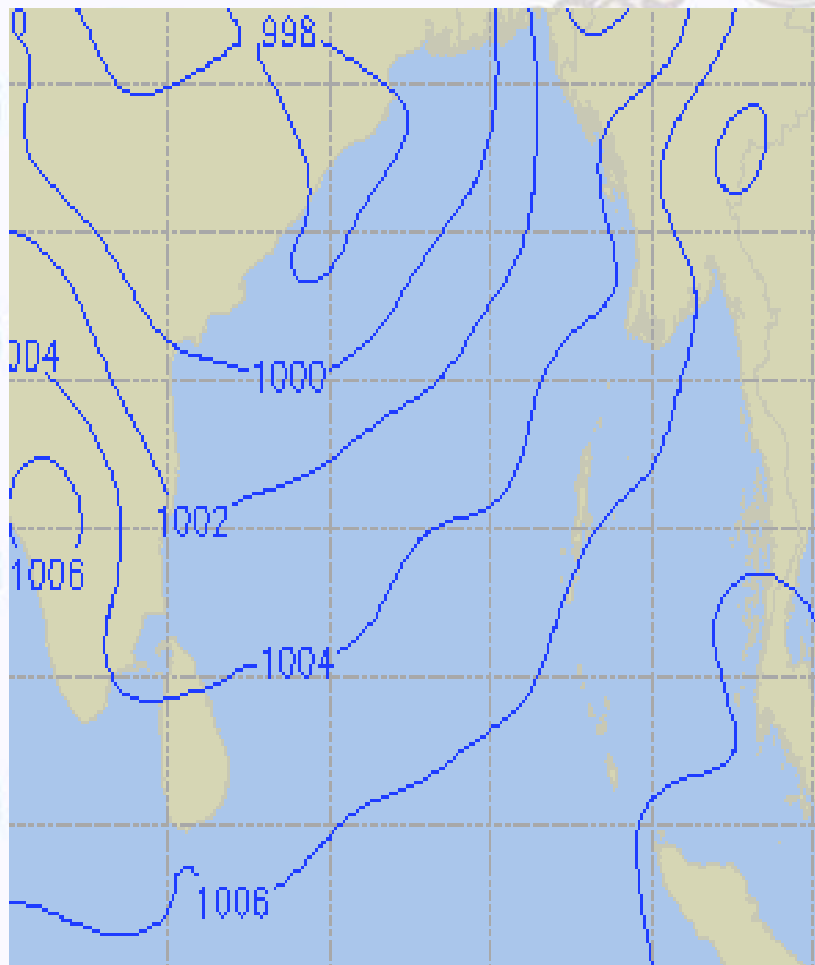




Surface Pressure forecast– 12 & 13 June 2020

12 June 2020 Friday

13 June 2020 Saturday

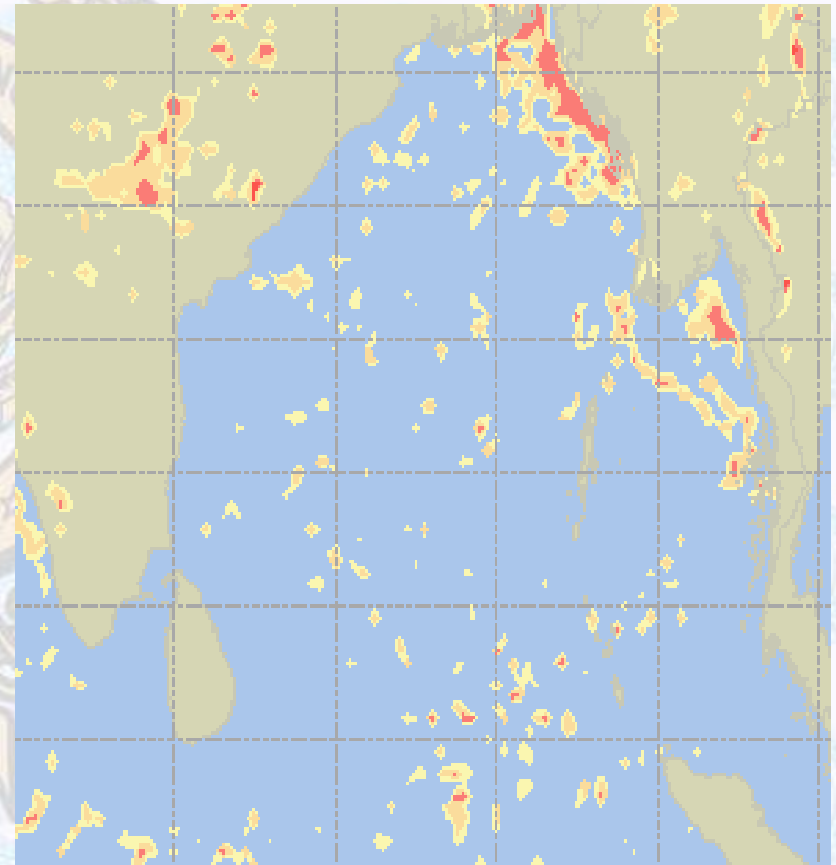
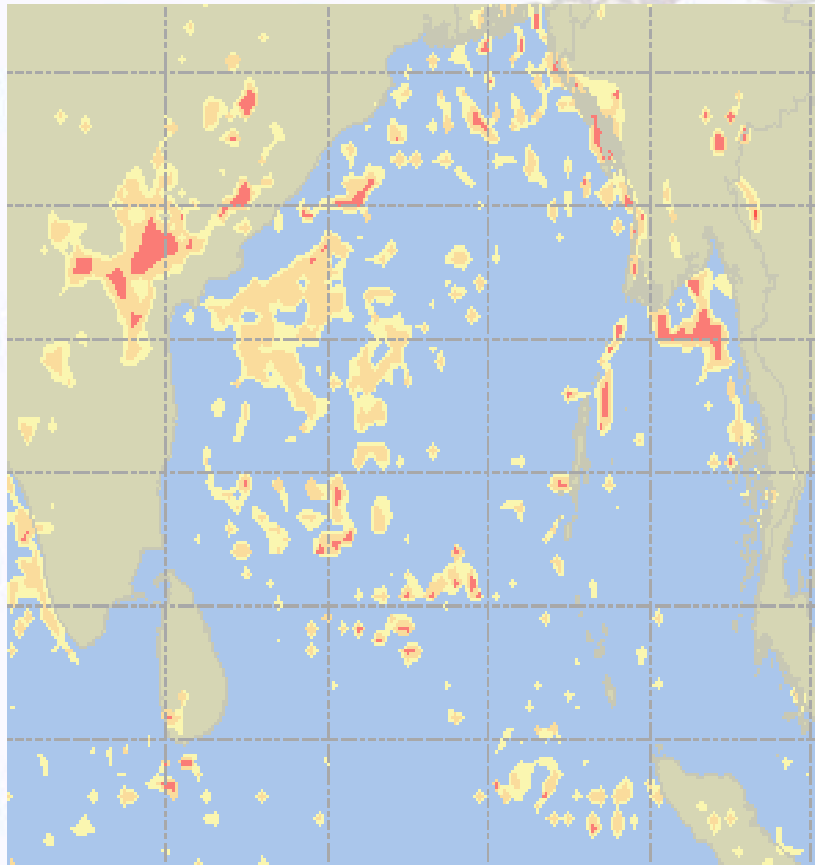




Visibility at Sea Forecast – 12 & 13 June- 2020

12 June 2020 Friday

13 June 2020 Saturday



Visibility Scale:

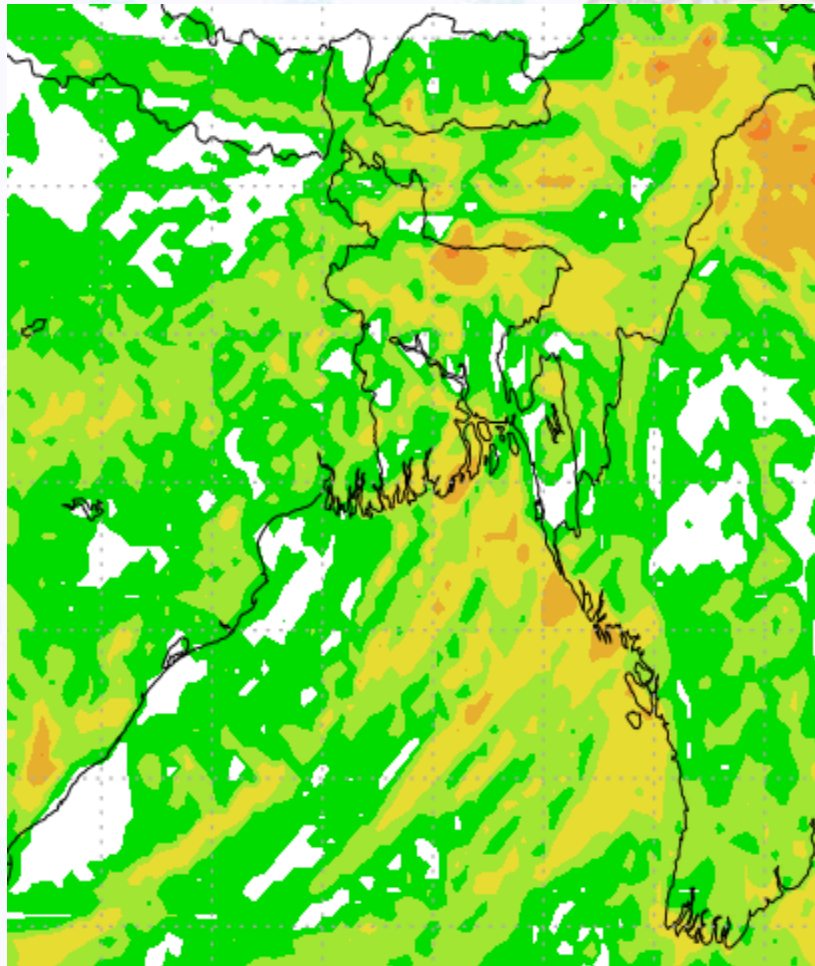


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

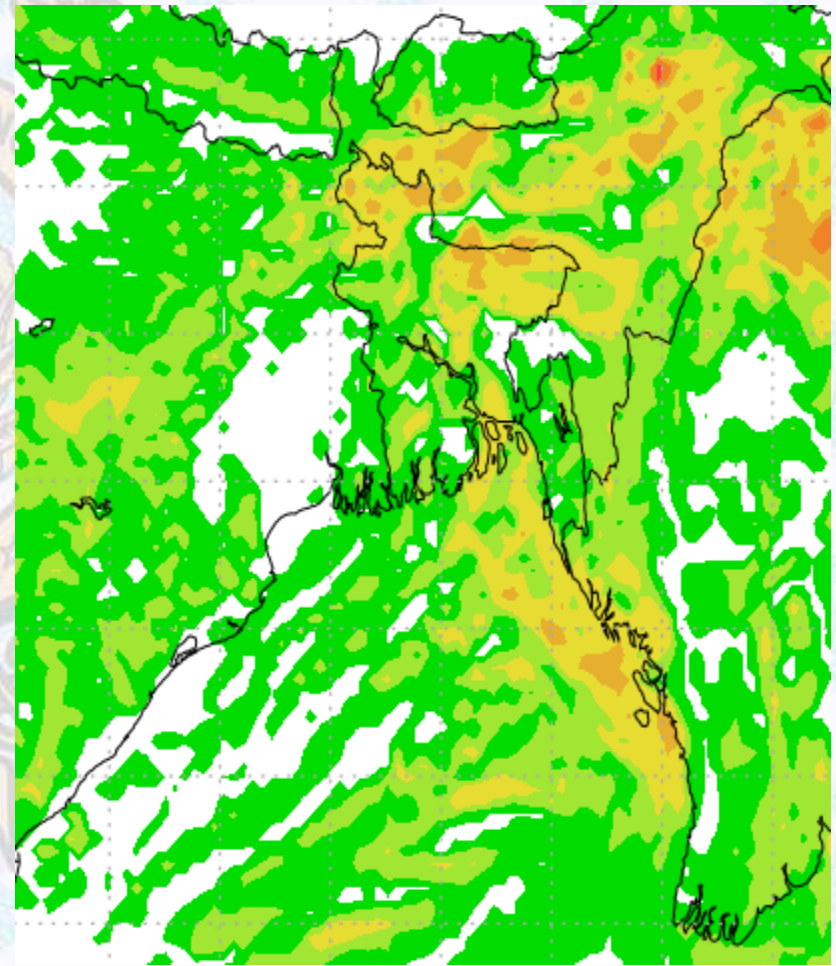


Precipitation

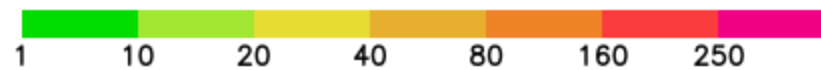
Rain(mm) 12 & 13 June 2020



Rain(mm) 13 & 14 June 2020



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

| | Time | Height | | Time | Height | | Time | Height |
|---------------------|-------------|---------------|--|-------------|---------------|--|-------------|---------------|
| | | | | | | | | |
| 11 June 2020 | 0431 | 4.56 | | 0157 | 3.05 | | 0147 | 2.77 |
| | 1042 | 1.23 | | 0824 | 1.18 | | 0749 | 1.30 |
| | 1647 | 4.80 | | 1422 | 3.28 | | 1401 | 3.04 |
| | 2327 | 1.18 | | 2052 | 1.31 | | 2042 | 1.31 |
| 12 June 2020 | Time | Height | | Time | Height | | Time | Height |
| | 0524 | 4.39 | | 0245 | 2.89 | | 0234 | 2.70 |
| | 1134 | 1.47 | | 0910 | 1.34 | | 0835 | 1.45 |
| | 1741 | 4.55 | | 1510 | 3.07 | | 1447 | 2.92 |
| | - | - | | 2140 | 1.45 | | 2129 | 1.39 |
| 13 June 2020 | Time | Height | | Time | Height | | Time | Height |
| | 0021 | 1.33 | | 0340 | 2.77 | | 0329 | 2.64 |
| | 0625 | 4.26 | | 1007 | 1.47 | | 0931 | 1.58 |
| | 1237 | 1.66 | | 1607 | 2.89 | | 1539 | 2.80 |
| | 1842 | 4.33 | | 2243 | 1.55 | | 2223 | 1.43 |